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IBM System/370 and  
4300 Processors

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Bibliography of Industry  
Systems and  
Application Programs

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Publication Number  
GC20-0370-3

File Number  
S370-00

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## Abstract

This bibliography describes technical publications needed by those who plan for, install, program, or operate industry systems and licensed application programs for System/370 and 4300 Processors.

Industry (sub)systems covered are the IBM 3600 Finance Communication System, the IBM 3730 Distributed Office Communication System and all others, including the IBM 4700 Finance Communication System.

Licensed programs included are all completed applications running under System/370 and 4300 Processors programming. Completed applications are those for specific industries such as finance, insurance, or manufacturing and those applicable to many industries.

Features, and the kinds of information included, are:

- Titles and *abstracts*, with page counts;
- Clustering* and sequencing of items by title;
- Second listing in *order-number sequence*, with *subject codes* explained and indexed;
- Specific page lookup by program *acronym*;
- Latest *editions* of publications listed, with TNLs;
- SLSS publication profiles* used in distribution, with an explanation of these profiles;
- Details on order number, including *pseudonumbers*.

For System/370 machine components, support programming, DB/DC and supplementary information, refer to the *IBM System/370 and 4300 Processors Bibliography*, GC20-0001.

## Fourth Edition (November 1982)

This is a major revision of, and supersedes, GC20-0370-2.

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## Preface

This bibliography has three parts.

In Part 1, the publications are clustered by subject and sorted by title keywords.

Part 2 chiefly contains abstracts describing the items listed in Part 1.

Part 3 lists, in order-number sequence, all items sorted by subject and keyword in Part 1.

**Note:** Order numbers sequence by **second** character. The first character (G, S, or L) is the use key. (See "Availability.")

### Subject Code

The *subject code* is a two-digit number standing for a subject, such as 72 for manufacturing or 15 for physical planning manuals and templates. (Part 1 starts with a generalized index of subject codes and their definitions.)

File numbers are often printed on publications as an aid in filing manuals in your office library according to system and category. The file number as a whole (e.g., S370-3790-09) identifies the host system in the prefix (S370) and the subject in the suffix (09, i.e., communications hardware).

Codes 00 through 40 are also used in subscribing to SLSS (System Library Subscription Service).

### Part 1

In Part 1, the subject-code listing, each publication has only one code. Items within the cluster for each code are put in sequence. Sequencing for manuals is alphameric, by the most apparent single *keyword* in each title - such as *Teller* for the Online Teller and Time Deposit System IUP (subject code 67) or *Payroll* for the Payroll Management System for DOS/VS FDP (subject code 81).

Part 1 gives the eight-position order number of each publication. Some listings show manuals supporting back releases (identified by T or Q numbers) under the *current* edition which supports the latest release. The title of each back edition identifies the earlier release(s) it supports, and includes the order number actually printed on that back edition. For details on T and Q numbers, see "Pseudonumbers."

When one publication applies to more than one industry system, it is repeated in each applicable listing.

### Acronym Index

Publications whose titles contain commonly used program acronyms such as ATMS or PL-MATH can be most easily retrieved. "An Index for Some Common Program Acronyms" (beneath the table of contents on page v) refers you directly to the starting page for such titles.

### Part 2

An abstract in Part 2 provides you with a description which ordinarily adds much to the indications of the title. Abstracts are listed in order-number sequence. (See note at left.)

### SLSS Profiles

Part 2 also gives you, beneath the abstract, the number of pages and the publications profile used for distributing key items under SLSS. The profile is shown in the format of five fields separated by slashes: Major system or processor / C/SC/Machines and subsystems/Prog. No./World Trade use (not U.S.A.) when applicable.

These fields correspond to the five sections B/C/D/F/E on the SLSS subscription form. (See *Entering an SLSS Subscription*, G320-1561.)

The "C" field is used to restrict the distribution of communications items, in cases where no other profile element performs that function. "SC" means subject code.

For example, a publication on physical planning for all versions of the IBM 3790 Communication System has the profile of: //15/3790, 3791/. This means that any subscriber expressing an interest in physical planning (subject code 15) and either the generic system number or its controller will get the book. (Technically, the profile elements are ANDed among fields and ORed within a field.)

It's unnecessary to indicate the major system or CPU in the first field (to the left of the slashes) since that field is used only to differentiate among major systems or CPU numbers, and in the present case there's no such differentiation; the manual applies to any host CPU capable of supporting the 3790.

Many programming manuals show a profile such as ///5746-H14 or //30//5744-BZ3, meaning that only the program number - or program number plus subject code - is needed to match the publication's profile to that of the SLSS subscriber's expressed interests.

**Note:** *All the publications on your subscription are shown on your "SLSS Subscription List." Two copies of the SLSS Subscription List are mailed to your branch office each week that there are changes to your subscription or each six months if there is no change. Please contact your IBM representative to obtain your copy.*

### Part 3

Part 3 enables you to find any order number easily, to see whether a manual is included in the bibliography or what subject code is assigned to it, or to learn whether any TNLS have been issued since the latest edition.

If you know the order number for one of several related manuals, identification of its subject code in

Part 3 (leftmost column) enables you to find the place in Part 1 where it is listed and where its companion publications will also be found. For example, GH20-1008 or GH20-1170.

### **Order Number**

The publication order number identifies various facts about a publication, including:

#### **Availability**

The first character of the order number is the use key, which governs the availability of the document. Use key G means that the item is available to customers, through the IBM representative, without charge for quantities that meet normal requirements. Use key S means that the item is for sale through IBM branch offices. Use key L means that the item is available to licensees for the IBM Program Product or other licensed program.

#### **Logic**

Base publications that explain program logic have a "Y" as the second character of the order number: e.g., SY20-1234-5. Such manuals are intended for use by persons involved in program support or alteration of the program design; they are not required for normal use or operation of the program, and are available under SLSS by order-number subscription only (as are microfiche versions or listings and other supplementary information). Licensed publications (L use key) are not available under SLSS.

#### **Identification of Microfiche**

An alphabetic character in the third position of an order number identifies a document on microfiche: e.g., SYC7-1975-6 or LYB0-5432-1. The only exception is a bill of forms, in which the third character is also alphabetic (not zero).

#### **Bill of Forms**

An order number in the form of GBOF-1234 is a **Bill Of Forms** - a single order number for a package of separately available documents.

#### **Pseudonumbers**

A "T" or "Q" in the second position denotes an order number for a back edition that supports an earlier release of an SCP or licensed program. E.g., GT00-0112-0 or ST26-1234-0.

The purpose is to allow users of back levels of programs to continue to order and receive publications concerning the level of the program they are using.

Also, issuance of the pseudonumbers for back editions allows the order numbers for the latest editions to remain unchanged except for the revision suffix. That same basic order number carries over from release to release; thus users advancing to a new release receive revisions and TNLs in the multiple quantities already indicated on their SLSS subscriptions. There's

no need to identify and reenter new order numbers and quantities for the items required by each continuing subscriber for the new release. Distribution of publications supporting these and other new releases is automatic; no IBM branch office activity is required. The assignment of pseudonumbers is schematic: GC28-1234-0 becomes GT28-1234-0, if GC28-1234-1 is issued to support a new release; GC28-1234-1, in turn, becomes GQ28-1234-0, if GC28-1234-2 is issued to support a still newer release; and GT00-xxxx-0 numbers are then issued to hold stock of the -2, -3, etc.

The scheme for PLMs (program logic manuals) is the same, except for an addition of 40 to the prefix to prevent possible duplications. The same applies to other prefixes, such as SH20, for which 20 is added (=ST40) to prevent the possibility of duplication with GC20 (=GT20) or SY20 (=ST60).

### **Extra Symbols (Flags)**

Maximum case: \*\*GC19-0001-5\*

or: GC28-6421-3 +

A double asterisk preceding the order number indicates either a change in the publication (such as a new edition) or an item newly added to the bibliography.

An asterisk after an order number means the item is for IBM World Trade use only; a plus sign, for U.S.A. use only.

### **Updating**

To eliminate unnecessary delays in keeping publications current, quick distribution of changes and additions to them is made in the form of Technical Newsletters (TNLs).

When the pages released in a TNL are inserted in the manual to which it applies, the base publication is brought up to date. The next reprint of the base publication incorporates the TNLs, and is assigned the next higher suffix number, but need not be ordered as it is the same as the prior edition.

### **TNL Masthead**

The masthead of the TNL cover page includes the order number of the base publication to which the TNL applies. Previously-issued TNLs are listed in the masthead so that you may verify receipt of all necessary changes.

### **References**

For System/370 machine components, support programming, and DB/DC, see *IBM System/370 and 4300 Processors Bibliography* GC20-0001.

Other references: *IBM Marketing Publications KWIC Indexes*, G320-1621 (U.S.A.) or G310-0012 (IBM World Trade).

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# Part 1. Subject Code Listings

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- 01 Machine System (Processor, Channels, Console)
- 02 Card Readers and/or Punches, Control Units
- 03 Printers, Control Units
- 04 OCR, MCR (Optical/Magnetic Character Readers)
- 05 Magnetic Tape Units, Control Units
- 06 Display Equipment (see also 09)
- 07 DASD (Direct Access Storage Devices), Control Units
- 08 Other Devices, Control Units
- 09 Communications Devices, Control Units
- 10 Auxiliary Equipment (devices normally off-line)
- 13 Special Features Information
- 14 Custom Features & Supporting Programs (PSHRPQ)
- 15 Physical Planning Information
- | *System Support Programming*
- 20 Programming Systems - General Information
- 21 Assembler
- 22 APL
- 23 BASIC
- 24 COBOL
- 25 FORTRAN
- | 28 RPG
- 29 PL/I
- 30 Access Methods, Data Management, Storage/ Communications (I/O) Control Programs
- 31 Support Programs (e.g., Link Edit, Loader)
- 32 Utilities
- 33 Sort/Merge
- 34 System Planning, Generation, SMF; Storage Estimates, Performance Enhancement, Release Guides
- 35 Emulation, Simulation (catalogued by host system)
- 36 Control Program (e.g., Supervisor, JCL, IPL, Job Management, Data Areas, Checkpoint/Restart)
- | 37 Program Testing, Problem Determination, Auditing, Service Aids
- 38 Remote Job Entry (RJE, CRJE, RAX, ...)
- | 39 Time Sharing, Interactive System
- 40 Programming System Operation (e.g., messages, codes)
- 50 DB/DC (CICS, IMS, ACF, GIS, DL/I, ...)
- | *Application (end use) Programs*
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- 62 Consultants
- 63 Distribution (e.g., apparel, food, agribusiness, hotels)
- 64 Education, Libraries
- 65 Engineering
- 67 Finance, Securities, Real Estate
- 69 Government, Federal
- 70 Government, State and Local
- 71 Insurance
- 72 Manufacturing
- 73 Media
- 74 Health
- 75 Process (e.g., forest products, petroleum, paint, textiles)
- 76 Public Utilities
- 78 Transportation
- 79 Cross-Industry (see also 80-83 for selections)
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- 83 Cross-Industry - Simulation
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MODELS A07, B01, B02, AND B03, OPERATING GUIDE  
\*\*GA19-5185 3600/4700 FINANCE COMMUNICATION SYSTEM, 3621 STATEMENT PRINTER MODELS B01, B02,  
AND B03 OPERATOR'S GUIDE  
GA19-5327 3621 STATEMENT PRINTER PROBLEM DETERMINATION GUIDE

04 Optical or Magnetic Character Readers (OCR, MCR), Control Units

GA23-0006 3600 FINANCE COMMUNICATION SYSTEM INTRODUCING THE 3694 DOCUMENT PROCESSOR  
GA23-0007 3600 OFFICE COMMUNICATION SYSTEM: 3694 DOCUMENT PROCESSOR MANAGEMENT PLANNING  
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\*\*GC31-2004 3694 DOCUMENT PROCESSOR OPERATING PROCEDURES, VOLUME 1: BASIC OPERATIONS  
\*\*GC31-2005 3694 DOCUMENT PROCESSOR OPERATING PROCEDURES, VOLUME 2: SYSTEM OPERATIONS  
GC31-2009 3694 DOCUMENT PROCESSOR DESCRIPTION AND CONFIGURATION

08 Devices

GA21-9182 THE IBM DISKETTE: GENERAL INFORMATION MANUAL  
GA66-0001 3614 CONSUMER TRANSACTION FACILITY OPERATOR GUIDE (WITH FEATURES)  
GA66-0004 3614 CONSUMER TRANSACTION FACILITY OPERATOR'S GUIDE WITH EXPANDED FUNCTION  
FEATURES GROUP  
G320-5700 BRANCH PROCEDURES FOR 3614 CTF OPERATIONS, SUBURBAN TRUST CO  
GC66-0009 3600 FINANCE COMMUNICATION SYSTEM 3624 CONSUMER TRANSACTION FACILITY  
PROGRAMMER'S REFERENCE AND COMPONENT DESCRIPTIONS

09 Communications Devices, Control Units

GA27-2811 A GUIDE TO COMMON CARRIER FACILITY SPECIFICATION FOR THE IBM 3600 FINANCE  
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GA27-2796 3600 FINANCE COMMUNICATION SYSTEM FINANCIAL SERVICES TERMINALS TERMINAL  
INSTALLATION GUIDE  
\*\*GA27-2898 3600 FINANCE COMMUNICATIONS SYSTEM, SCP 5747-BR|, 5744-CA3 OPERATING REFERENCE  
GA27-2765 3600 FINANCE COMMUNICATION SYSTEM MANAGEMENT PLANNING GUIDE  
GA23-0002 3600 FINANCE COMMUNICATION SYSTEM PROBLEM RECOVERY PROCEDURES  
GC27-0001 3600 FINANCE COMMUNICATION SYSTEM - SYSTEM SUMMARY  
GA23-0001 3600 FINANCE COMMUNICATION SYSTEM UNIT OPERATING PROCEDURES  
GC31-3000 3278 DISPLAY STATION, ATTACHED TO 3600 FINANCE COMMUNICATION CONTROLLER, PROBLEM  
DETERMINATION GUIDE  
\*\*GC31-2043 4700/3600 FINANCE COMMUNICATION SYSTEM PROBLEM DETERMINATION GUIDE FOR THE 3278  
GA23-0034 3600 FINANCE COMMUNICATION SYSTEM 3604 MODEL 7 ADMINISTRATIVE KEYBOARD DISPLAY  
PLANNING AND SITE PREPARATION GUIDE  
GA23-0036 3600 FINANCE COMMUNICATION SYSTEM, 3604 KEYBOARD DISPLAY MODELS 5 AND 6 PLANNING  
AND SITE PREPARATION GUIDE  
GA23-0037 3604 KEYBOARD DISPLAY, MODELS 5 AND 6 SETUP INSTRUCTIONS  
\*\*GA66-0012 3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER TRANSACTION FACILITY,  
ACCESSORIES OWNER'S MANUAL  
GA66-0005 3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER TRANSACTION FACILITY CURRENCY  
CARTRIDGE OWNER'S MANUAL  
\*\*GA66-0006 3624 CONSUMER TRANSACTION FACILITY OPERATOR'S GUIDE  
\*\*GC31-2001 3624 CONSUMER TRANSACTION FACILITY INSTALLATION INSTRUCTIONS, MODELS 2 AND 12  
WITHOUT DEPOSITORY  
\*\*GC31-2002 3624 CONSUMER TRANSACTION FACILITY INSTALLATION INSTRUCTIONS, MODELS 2 AND 12  
WITH DEPOSITORY  
\*\*GC31-2501 3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER TRANSACTION FACILITY MODELS 2  
AND 12 INSTALLATION INSTRUCTIONS  
\*\*GC31-2502 3600 FINANCE COMMUNICATION SYSTEM: 3624 CONSUMER TRANSACTION FACILITY MODELS 2  
AND 12, ALTERNATE DISASSEMBLY AND INSTALLATION INSTRUCTIONS  
\*\*GC31-2504 3600 FINANCE COMMUNICATION SYSTEM: 3624 CONSUMERS TRANSACTION FACILITY CLEANING  
PROCEDURES  
\*\*GA19-5383 INTRODUCTION TO THE 4723 DOCUMENT PROCESSOR  
GA18-2083 7486 DISPLAY TERMINAL DESCRIPTION

10 Auxiliary Equipment

GA66-0002 3614 CONSUMER TRANSACTION FACILITY ACCESSORY GROUP OWNER'S MANUAL THROUGH THE  
WALL MODELS

14 Custom Features and Supporting Programs

GA27-2843 3600 FINANCE COMMUNICATION SYSTEM ADDRESS SHARING CUSTOM FEATURE DESCRIPTION RPQ  
MG1586 OR 8K0610  
GA27-2856 3600 ALTERNATIVE LINE ATTACHMENT, GENERAL INFORMATION MANUAL RPQ 8K0676  
GA23-0009 3600 ALTERNATIVE LINE ATTACHMENT BINARY SYNCHRONOUS COMMUNICATION FEATURE  
DESCRIPTION RPQ 8K0704  
GA23-0010 3600 ALTERNATIVE LINE ATTACHMENT START/STOP C FEATURE DESCRIPTION MANUAL RPQ  
8K0703

GA27-2857 3600 ALTERNATIVE LINE ATTACHMENT START/STOP TYPE B FEATURE DESCRIPTION MANUAL  
RPQ 8K0676

GA19-5073 3600 FINANCE COMMUNICATION SYSTEM: HOST SUPPORT BACKWARD DISPLAY, RPQ 7B0412,  
CINFIGURATOR SUPPLEMENT

GA19-5098 3600 FINANCE COMMUNICATION SYSTEM BACKWARD DISPLAY RPQ 7B0412 OPERATING GUIDE  
SUPPLEMENT

GC19-5031 3600 FINANCE COMMUNICATION SYSTEM HOST SUPPORT BACKWARD DISPLAY RPQ 7B0412  
INSTRUCTIONS & MACROS REFERENCE SUPPLEMENT, LIC PROG 5799-WHK, 5799-WKK

GC19-5037 3600 FINANCE COMMUNICATION SYSTEM BACKWARD DISPLAY RPQ 7B0412 HOST SERVICES  
USER'S GUIDE SUPPLEMENT

GC19-5055 3600 FINANCE COMMUNICATION SYSTEM BACKWARD DISPLAY RPQ 7B0412 PROGRAMMER'S GUIDE  
AND COMPONENT DESCRIPTIONS VOLUME 2 SUPPLEMENT

GC22-9026 3600 FINANCE COMMUNICATION SYSTEM, CUSTOM FEATURE DESCRIPTION FOR BSC3  
COMMUNICATION, RPQ 8K0598 & 8K0599

GA19-5033 3600 FINANCE COMMUNICATION SYSTEM OPERATING GUIDE FOR CUSTOM FEATURES RPQS  
7H0237, 7H0246, 7H0247, and 7H0248

GA27-2801 3600 FINANCE COMM SYS CUSTOM FEATURE DESCRIPTION RPQ 8K0525, 8K0526, 8K0551,  
8K0552

GC66-0007 3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION FOR THE 3614  
CONSUMER TRANSACTION FACILITY EXPANDED FUNCTIONS GROUP RPQ MJ1458

GA19-5072 3600 FINANCE COMMUNICATION SYSTEM: HOST SUPPORT MOVE INVERSE, RPQ 7B0192,  
CONFIGURATOR SUPPLEMENT

GC19-5030 3600 FINANCE COMMUNICATION SYSTEM HOST SUPPORT MOVE INVERSE RPQ 7B0192  
INSTRUCTIONS AND MACROS REFERENCE SUPPLEMENT

GC19-5036 3600 FINANCE COMMUNICATION SYSTEM MOVE INVERSE RPQ 7B0192 HOST SERVICES USER'S  
GUIDE SUPPLEMENT

GC19-5056 3600 FINANCE COMMUNICATION SYSTEM MOVE INVERSE RPQ 7B0192 PROGRAMMER'S GUIDE AND  
COMPONENT DESCRIPTION SUPPLEMENT

GC19-5057 3600 FINANCE COMMUNICATION SYSTEM MOVE INVERSE RPQ 7B0192 PROGRAM VALIDATION  
SERVICES USER'S GUIDE SUPPLEMENT

GA19-5078 3600 FINANCE COMMUNICATION SYSTEM, MULTIPLE LANGUAGE DISPLAY RPQ 7B0040 FOR 3614  
CONSUMER TRANSACTION FACILITY REFERENCE MANUAL, LIC PROG 5799-WKF DOS/VS,  
5799-WJZ OS/VS

GC19-5048 3600 FINANCE COMMUNICATION SYSTEM, MULTIPLE DISPLAY RPQ 7B0040 FOR 3614 CONSUMER  
TRANSACTION FACILITY PROGRAMMER'S GUIDE SUPPLEMENT PROGRAM NUMBERS: 5799-WKF  
DOS/VS, 5799-WJZ OS/VS

GC19-5041 3600 FINANCE COMMUNICATION SYSTEM NATIONAL REQUIREMENT DISPLAY RPQS,  
INSTRUCTIONS & MACROS REFERENCE SUPPLEMENT

GA27-2868 3600 FINANCE COMMUNICATION SYSTEM, PASSBOOK PRINT CUSTOM FEATURE DESCRIPTION RPQ  
EH4993

GA27-2810 3600 FINANCE COMMUNICATION SYSTEM PIN PAD CUSTOM FEATURE DESCRIPTION RPQ 8K0578

GA19-5195 3600 FINANCE COMMUNICATION SYSTEM PROGRAMMER'S INFORMATION FOR CUSTOM FEATURES  
RPQS 7H0237, 7H0246, 7H0247, and 7H0248

GA19-5085 1255/1270 MICR/OCR READER/SORTER RPQ 7B0268 ATTACHMENT TO THE 3602 FINANCE  
COMMUNICATION CONTROLLER REFERENCE MANUAL

GA19-5086 1255/1270 MICR/OCR READER/SORTER RPQ 7B0268 ATTACHMENT TO THE 3602 FINANCE  
COMMUNICATION CONTROLLER OPERATING GUIDE

GC19-5043 IBM 1255/1270 MICR/OCR READER/SORTER ATTACHMENT TO THE IBM 3602 - FINANCE  
COMMUNICATION CONTROLLER DESCRIPTION, CONFIGURATION, AND PHYSICAL PLANNING  
SUPPLEMENT - PROG 5799-WKC (DOS/VS) 5799-WKD (OS/VS)

\*\*GA19-5328 3278 DISPLAY STATION INSTRUCTIONS AND MACRO REFERENCES

GA19-5168 INTRODUCING THE AUTOMATIC DOCUMENT INSERTION DEVICE ON THE 3287 PRINTER, RPQS  
7S0251 AND 7S0252

GA19-5150 3600 FINANCE COMMUNICATION SYSTEM 3411 MAGNETIC TAPE ATTACHMENT RPQ 7B0080  
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GA27-2820 3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION FOR THE 3604  
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GC19-5046 IBM 3600 FINANCE COMMUNICATION SYSTEM 3610/12 MODELS 12 AND 13 12 CPI PRINTING  
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\*\*GA19-5334 3624 CONSUMER TRANSACTION FACILITY REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQS: 7B0611, -612, -616, -617

\*\*GA19-5335 3624 CONSUMER TRANSACTION FACILITY REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQ UC8268

\*\*GA19-5336 3624 CONSUMER TRANSACTION FACILITY OPERATOR'S GUIDE RPQS 7B0611, 7B0612, 7B0616, 7B0617

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\*\*LY20-2454 3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VIS), 5746-F57 (DOS/VIS), LOGIC MANUAL

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SJB1-0241	3600 HOST SUPPORT VS2 SCP 5744-CA1
SJB1-0446	SUBSYSTEM SUPPORT SERVICES VS2 RELEASE 1.7 LISTINGS, SCP 5744-CJ1
SJD2-2126	3600 HOST SUPPORT 5741-SC1-24 VS1 LISTING
SJD2-4190	DOS SUBSYSTEM PROGRAM SUPPORT, SCP 5745-SC-SPP PTF LISTINGS
SJD2-4191	OS/VS1 SUBSYSTEM PROGRAM SUPPORT PTF LISTINGS SCP COMPONENT 5745-SC-SPP
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SJD2-5390	OS/VS2 RELEASE 03.0 SUBSYS DATA ANAL YEAR LISTINGS COMPONENT NO. 5752-SC1-DS
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\*\*GA24-3679 3641 REPORTING TERMINAL COMPONENT DESCRIPTION AND OPERATING GUIDE  
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\*\*GA24-3675 3630 PLANT COMMUNICATION SYSTEM INSTALLATION MANUAL PHYSICAL PLANNING

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\*\*GC19-5034 3650 PROGRAMMABLE STORE SYSTEM HOST SUPPORT SUBSYSTEM GENERATION AND PROGRAMMERS  
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\*\*SH20-2406 ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, PROGRAM REFERENCE AND  
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\*\*GH20-4566 ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2,  
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\*\*LY20-2476 ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, LOGIC  
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\*\*SH20-2687 SERIES II - 3650 IN-STORE DATA COMMUNICATION FACILITY, IUP 5796-BDL,  
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GC30-3076 3650 PROGRAMMABLE STORE SYSTEM MACRO REFERENCE  
\*\*GH20-2150 3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG  
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\*\*SH20-2408 3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION STORE DATA MANAGEMENT, LIC PROG  
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\*\*SH20-5534 3650 APPLICATION PROBLEM SOURCE IDENTIFICATION GUIDE LIC PROG 5748-D14, -D21, -D22, -D15

\*\*SH20-5538 3650 PROGRAMMABLE STORE SYSTEM, LIC PROG 5748-D21, -D22, -D15, APPLICATION INSTALLATION GUIDE

\*\*SH20-5553 3650 PROGRAMMABLE STORE SYSTEM APPLICATION, LIC PROG 5748-D15, -D21, -D22, INSTALLATION GUIDE TABS

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\*\*SB21-2884 3650 APPLICATION DEVELOPMENT DEBUG FACILITY, FDP 5798-DGY, DESCRIPTION/OPERATIONS

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\*\*SH20-5538 3650 PROGRAMMABLE STORE SYSTEM, LIC PROG 5748-D21, -D22, -D15, APPLICATION INSTALLATION GUIDE

\*\*SH20-5553 3650 PROGRAMMABLE STORE SYSTEM APPLICATION, LIC PROG 5748-D15, -D21, -D22, INSTALLATION GUIDE TABS

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\*\*GA19-5159 3650 RETAIL STORE SYSTEM ADMINISTRATIVE OPERATIONS GUIDE WORLD TRADE RETAIL FUNCTIONS RPQS 7B0239 AND 7B0353  
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SY19-6053 IBM 3650 RETAIL STORE SYSTEM HOST PROGRAM LOGIC RPQ 7B0239 LIC PROG 5799-WTR (OS/VIS), 5799-WJB (DOS/VIS), RELEASE 3.2  
GA19-5157 3650 RETAIL STORE SYSTEM, LOWERED 3653 KEYBOARD RPQ 7S0228 AND RPQ 7S0229 OR 7S0230, INSTALLATION MANUAL - PHYSICAL PLANNING  
GC19-5053 3650 RETAIL STORE SYSTEM INTRODUCTION TO CASH AND CARRY FUNCTIONS RPQS: 7B0234 TO 7B0244, LIC PROG 5799-WJR, -WJB  
\*\*GA19-5160 3650 RETAIL STORE SYSTEM INTRODUCTION TO WORLD TRADE RETAIL FUNCTIONS RPQS 7B0239, 7B0353  
GC19-5047 IBM 3650 RETAIL STORE SYSTEM INTRODUCTION TO WORLD TRADE RETAIL FUNCTIONS RPQS: 7B0239, 7B0350 - PROG 5799-WJR (OS/VIS) 5799-WJB (DOS/VIS)  
GA19-5074 3650 RETAIL STORE SYSTEM WITH P'T MANDATORY MODEM INTERFACE, RPQ 7B0201, PROBLEM DETERMINATION PROCEDURES AND OPERATOR MESSAGES SUPPLEMENT  
GA19-5092 3650 RETAIL STORE SYSTEM SWITCHED LINE REMOTE LOOP RPQ 7B0320 PROBLEM DETERMINATION PROCEDURES AND OPERATOR MESSAGES SUPPLEMENT  
GA19-5166 IBM 3650 RETAIL STORE SYSTEM SWITCHED LINE REMOTE LOOP RPQ 7B0320 FUNCTIONAL CHARACTERISTICS  
GA19-5094 3650 RETAIL STORE SYSTEM-SALES OPERATION GUIDE FOR CASH & CARRY RELEASE 3.1 & 3.2, 3653 POINT OF SALES TERMINAL RPQS 7B0234, 7B0238 & 7B0241  
GC19-5054 3653 POINT OF SALE TERMINAL OEM COIN DISPENSER RPQ 7B0440 DESCRIPTION, PROGRAMMER AND SALES OPERATION GUIDE SUPPLEMENT  
GA19-5081 3650 RETAIL STORE SYSTEM-SALES OPERATION GUIDE FOR WORLD TRADE RETAIL FUNCTIONS-3653 POINT OF SALE TERMINAL, RPQ 7B0350, LIC PROG 5799-WJR (OS/VIS), 5799-WJB (DOS/VIS)  
\*\*GA19-5161 3650 RETAIL STORE SYSTEM SALES OPERATION GUIDE FOR WORLD TRADE RETAIL FUNCTIONS 3653 POINT OF SALE TERMINAL

### 15 Physical Planning

GA27-3074 3650 RETAIL STORE SYSTEM INSTALLATION, PHYSICAL PLANNING  
GX27-2914 3650 RETAIL STORE SYSTEM PHYSICAL PLANNING TEMPLATE

### 20 Programming - General Information

GC30-9514 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR IBM 3650 RETAIL STORE SYSTEM (RSS) HOST SUPPORT VERSION 3 MODIFICATION LEVEL 1 (DOS/VIS) SCP 5747-BJ3  
GC30-9512 IBM 3650 RETAIL STORE SYSTEM (RSS) HOST SUPPORT V 3 MOD 1 (OS/VIS) SCP 5744-BQ3, SPECIFICATIONS  
GC30-9515 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM PROGRAM PREPARATION SUPPORT (SPPS) VERSION 3 MODIFICATION LEVEL 1 (DOS/VIS) SCP 5747-BJ2  
GC30-9513 IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM PREPARATION SUPPORT (SPPS) V 1 MOD 1 (OS/VIS) SCP 5744-BQ2, SPECIFICATIONS  
GC27-0045 SUBSYSTEM SUPPORT SERVICES SUID 5741-603  
GC27-0012 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUBSYSTEM SUPPORT SERVICE (SSS) RELEASE 5.0, SUID 5752-837

### 30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

\*\*GH20-2188      ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, GENERAL INFORMATION  
\*\*SH20-2406      ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, PROGRAM REFERENCE AND  
                  OPERATIONS  
\*\*GH20-4566      ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2,  
GH20-4579      ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, DESIGN OBJECTIVES  
\*\*LY20-2476      ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, LOGIC  
GB11-5230      3650 RETAIL STORE SYSTEM 3650 BRIDGE TO CASHIER ASSIGNMENT SYSTEM, IFP 5785-FAE,  
                  NOTICE  
SB11-5231      3650 BRIDGE TO CASHIER ASSIGNMENT SYSTEM, IFP 5785-FAE, DESCRIPTION/OPERATIONS  
GA19-5093      3650 PROGRAMMABLE STORE SYSTEM OEM/IBM DEVICE ADAPTER FUNCTIONAL  
                  CHARACTERISTICS, LIC PROG 5799-AYR  
SY30-3033      3650 RETAIL STORE SYSTEM, RELEASE 3.1 HOST, LOGIC  
GC30-3029      NETWORK CONTROL PROGRAM/VS SDLC/BSC PATH FUNCTION SCP 5744-BA2 AND 5747-AJ2  
                  SYSTEM PROGRAMMER'S GUIDE  
GC30-3035      3650 RETAIL STORE SYSTEM PROGRAMMER'S GUIDE REL 3.0 AND 3.1  
GC30-3050      3650 RETAIL STORE SYSTEM PROGRAMMING INSTALLATION GUIDE R3.2  
GC30-3024      IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT - APPLICATION PROGRAMMER'S GUIDE,  
                  SCP 5747-BJ2 & 5744-BQ2  
                  GT30-3024      IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT, APPLICATION PROGRAMMER'S GUIDE,  
                  SCP 5747-BJ2 & 5744-BQ2 (GC30-3024-0)  
GC30-3042      IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM DEFINITION GUIDE  
SY30-3024      IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT TRANSFORMATION DEFINITION  
                  LANGUAGE TRANSLATOR LOGIC  
SY30-3017      SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVEL 5) LOGIC  
SYCO-3017      SYSTEM/370 SUBSYSTEM SUPPORT SERVICES LOGIC (MICROFICHE)  
GC38-1011      SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) MESSAGES  
\*\*GC30-3022      SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) USER'S GUIDE  
                  GT30-3022      SYSTEM/370 SUBSYSTEM SUPPORT SERVICES USER'S GUIDE, (GC30-3022-1)  
GB11-5145      VTAM MONITOR FOR IBM 3650 RETAIL STORE SYSTEM, IFP 5785-DAZ, NOTICE  
SB11-5146      S/370 VTAM MONITOR PROGRAM FOR THE 3650 RETAIL STORE SYSTEM PROGRAM, IFP  
                  5785-DAZ, DESCRIPTION/OPERATIONS  
GB11-5150      VTAM MONITOR FOR IBM 3650 WITH CASH AND CARRY FUNCTIONS, IFP 5785-DBA, NOTICE  
SB11-5151      SYSTEM/370 VTAM MONITOR PROGRAM FOR THE 3650 RETAIL STORE SYSTEM WITH CASH AND  
                  CARRY FUNCTIONS PROGRAM DESCRIPTION AND OPERATIONS, IFP 5785-DBA

### 63 Distribution

SB11-5205      HYPERMARKET CASH CONTROL FOR THE IBM 3650 PROGRAM DESCRIPTION AND OPERATIONS  
                  MANUAL, IFP 5785-AAB  
GB11-5204      IBM 3650 RETAIL STORE SYSTEM HYPERMARKET CASH CONTROL, IFP 5785-AAB, NOTICE  
GB21-2273      IBM 3650 STORE-PRODUCED ACCOUNTING REPORT CUSTOMIZER, FDP 5798-CWG, NOTICE  
SB21-2274      IBM 3650 STORE-PRODUCED ACCOUNTING REPORT CUSTOMIZER, FDP 5798-CWG,  
                  DESCRIPTION/OPERATIONS  
LB21-2275      IBM 3650 STORE-PRODUCED ACCOUNTING REPORT CUSTOMIZER, FDP 5798-CWG, SYSTEMS  
                  GUIDE  
GB21-1656      3650 RETAIL BATCH COMMUNICATION SUBSYSTEM RELEASE 2 EXTENSION, FDP 5798-CFA,  
                  NOTICE  
LB21-1658      3650 RETAIL BATCH COMMUNICATION SUBSYSTEM RELEASE 2 EXTENSION - FDP 5798-CFA,  
                  SYSTEMS GUIDE  
GB21-2469      3650 SIMULTANEOUS PRINTING OF OBSERVED TRANSACTIONS, FDP 5798-CZK, NOTICE  
SB21-2470      3650 SIMULTANEOUS PRINTING OF OBSERVED TRANSACTIONS, FDP 5798-CZK,  
                  DESCRIPTION/OPERATIONS  
LB21-2471      3650 SIMULTANEOUS PRINTING OF OBSERVED TRANSACTIONS, FDP 5798-CZK, SYSTEMS GUIDE

### 89 Installation Forms and Supplies

GX27-2926      3653 TROUBLE REPORT & RECOVERY PROCEDURE  
GX27-2920      OPERATOR'S TROUBLE REPORT IBM 3767 MODEL 2 COMMUNICATION TERMINAL USED WITH AN  
                  IBM 3650 RETAIL STORE SYSTEM.

### 99 Microfiche of SCP (System Control Programming) Code

SJB1-0101      3650 RETAIL STORE SYSTEM HOST USPPORT 5747-BJ3 LISTINGS  
SJB1-0102      3650 RETAIL STORE SYSTEM HOST SUPPORT 5747-BJ3, 5744-BQ3 LISTINGS  
SJB1-0103      3650 RETAIL STORE SYSTEM, SUBSYSTEM PROGRAM PREPARATION SERVICES 5747-BJ2,  
                  5744-BQ2 LISTINGS  
SJB1-0104      3650 RETAIL STORE SYSTEM HOST SUPPORT 5744-BQ3 LISTINGS  
SJB1-0106      3650 RETAIL STORE SYSTEM SUBSYSTEM, PROGRAM PREPARATION SERVICES LISTINGS, SCP  
                  5747-BJ2  
SJB1-0108      3650 RETAIL STORE SYSTEM, SUBSYSTEM PROGRAM PREPARATION SERVICES, 5744-BQ2,  
                  5747-BJ2  
SJB1-0446      SUBSYSTEM SUPPORT SERVICES VS2 RELEASE 1.7 LISTINGS, SCP 5744-CJ1  
SJD2-2133      SSS HOST SUPPORT 5741-SC1-SS VS1 LISTING  
SJD2-2136      OS/VS1 5741-SC1-26 3650 RETAIL HOST SUPPORT ASSEMBLER PROG. LISTINGS  
SJD2-4190      DOS SUBSYSTEM PROGRAM SUPPORT, SCP 5745-SC-SPP PTF LISTINGS  
SJD2-4191      OS/VS1 SUBSYSTEM PROGRAM SUPPORT PTF LISTINGS SCP COMPONENT 5745-SC-SPP  
SJD2-5370      OS/VS2 RELEASE 03.0 SUBSYSTEM COMMUNICATOR LISTINGS COMPONENT NO. 5752-SC1-DP  
SJD2-5390      OS/VS2 RELEASE 03.0 SUBSYS DATA ANAL YEAR LISTINGS COMPONENT NO. 5752-SC1-DS  
SJD2-5450      OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO. 5752-SC1-SS  
SJD2-6010      OS/VS2 SU21 LISTINGS, SUID 5752-821  
SJD2-6174      OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS  
SYC7-1970      DOS/VS SUBSYSTEM SUPPORT SERVICES - 5745-SC-SSS, LISTINGS

## 3660 Supermarket System

### 09 Communications Devices, Control Units

GA27-3111	3660 SUPERMARKET SYSTEM: KEY-ENTRY SYSTEM INTRODUCTION
GA27-3118	3660 SUPERMARKET SYSTEM: KEY ENTRY SYSTEM OPERATIONS GUIDE
GA27-3119	IBM 3660 SUPERMARKET SYSTEM; KEY-ENTRY SYSTEM PROBLEM DETERMINATION PROCEDURE
GA27-3076	3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM INTRODUCTION
GA27-3090	3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM OPERATIONS GUIDE
GA27-3115	3660 SUPERMARKET SYSTEM: SCANNING SYSTEM PROBLEM DETERMINATION PROCEDURES
GA27-3121	3660 SUPERMARKET SCANNING SYSTEM EMERGENCY ACTION REFERENCE SUMMARY

### 14 Custom Features and Supporting Programs

GC19-5035	IBM 3660 SUPERMARKET SYSTEM: SCANNING SYSTEM LARGER PRICE DESCRIPTION RECORD FILE RPQ X64075, 7B0438, or 7B0439, PROGRAMMER'S GUIDE SUPPLEMENT
GA19-5075	3660 SUPERMARKET SYSTEM: SCANNING SYSTEM MARGER PRICE DESCRIPTION RECORD FILE, RPQ X64075, INTRODUCTION SUPPLEMENT
GA19-5174	3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM USER'S GUIDE FOR EAN AND UPC SCANNER ADAPTER RPQ 7S0250
GA19-5058	3660 SUPERMARKET SYSTEMS: 3663 MODELS 1 & 2 SUPERMARKET TERMINAL 12 COLUMN COIN DISPENSER ADAPTERS RPQS 7B0435, 7B04 SCANNING SYSTEM OPERATIONS GUIDE SUPPLEMENT

### 15 Physical Planning

GA27-3079	3660 SUPERMARKET SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING
GX27-2915	3660 SUPERMARKET SYSTEM PHYSICAL PLANNING TEMPLATE

### 20 Programming - General Information

GC30-9505	IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT FOR DOS/VS SYSTEM CONTROL PROGRAMMING, LIC PROG 5747-BK2, SPECIFICATIONS
GC30-9504	IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT FOR OS/VS1 AND OS/VS2 SYSTEM CONTROL PROGRAMMING: SPECIFICATION, PROG PROD 5744-BR2
GC27-0045	SUBSYSTEM SUPPORT SERVICES SUID 5741-603
GC27-0012	SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUBSYSTEM SUPPORT SERVICE (SSS) RELEASE 5.0, SUID 5752-837

### 30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

**GH20-2188	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, GENERAL INFORMATION
**SH20-2406	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, PROGRAM REFERENCE AND OPERATIONS
**GH20-4566	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2,
GH20-4579	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, DESIGN OBJECTIVES
**LY20-2476	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, LOGIC
GB21-2115	IBM 3660 ADVANCED SCHEDULING ENVIRONMENT FOR CICS/VS, FDP 5798-CQC, NOTICE
GB21-1285	3660 SUPERMARKET BATCH COMMUNICATIONS SUBSYSTEM FDP 5798-BBK, NOTICE
LB21-1861	3660 SUPERMARKET BATCH COMMUNICATION SUBSYSTEM/ADVANCED SCHEDULING ENVIRONMENT-FDP 5798-CJQ, SYSTEMS GUIDE
GC30-2048	3660 SUPERMARKET SYSTEMS: KEY ENTRY SYSTEM PROGRAMMER'S GUIDE, SCP 5744-BR1, 5747-BK1
GC30-3048	IBM 3660 SUPERMARKET SYSTEM: KEY-ENTRY SYSTEM PROGRAMMER'S GUIDE (3661 MODEL 1 WITH RPQ 8Q0005 AND 3661 MODEL 2)
SY30-3019	3660 SUPERMARKET SCANNING SYSTEM HOST LOGIC, PROG 5747-BK1
ST70-3019	IBM 3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM HOST PROGRAM LOGIC PROG NO 5747-BK1
GC30-3031	IBM 3660 SUPERMARKET SYSTEM: SCANNING SYSTEM PROGRAMMING INSTALLATION GUIDE
GC30-3025	3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM PROGRAMMER'S GUIDE, SCP 5744-BR2, 5747-BK2
GT30-3025	3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM PROGRAMMER'S GUIDE, SCP 5744-BR2, 5747-BK2 (GC30-3025-1)
SY30-3017	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVEL 5) LOGIC
SYC0-3017	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES LOGIC (MICROFICHE)
GC38-1011	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) MESSAGES
**GC30-3022	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) USER'S GUIDE
GT30-3022	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES USER'S GUIDE, (GC30-3022-1)

### 63 Distribution

SH20-2511	CASHIER PERFORMANCE SYSTEM, IUP 5796-BAE, DESCRIPTION/OPERATIONS
G320-6407	CASHIER PERFORMANCE SYSTEM, IUP 5796-BAE, NOTICE
SH20-1820	3661 FILE CREATION PROGRAM, IUP 5796-PFZ DESCRIPTION/OPERATIONS
G320-5678	3661 FILE CREATION ASSISTANCE, IUP 5796-PFZ, NOTICE

### 99 Microfiche of SCP (System Control Programming) Code

SJB1-0301	IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT RELEASE 3 VERSION 2 DOS LISTINGS
SJB1-0321	SUPERMARKET STORE SYSTEM HOST SUPPORT VERSION 2.0 LISTINGS
SJB1-0446	SUBSYSTEM SUPPORT SERVICES VS2 RELEASE 1.7 LISTINGS, SCP 5744-CJ1
SJD2-2133	SSS HOST SUPPORT 5741-SC1-SS VS1 LISTING
SJD2-2137	SUPERMARKET HOST SUPPORT - BSC

SJD2-4190 DOS SUBSYSTEM PROGRAM SUPPORT, SCP 5745-SC-SPP PTF LISTINGS  
SJD2-4191 OS/VS1 SUBSYSTEM PROGRAM SUPPORT PTF LISTINGS SCP COMPONENT 5745-SC-SPP  
SJD2-5370 OS/VS2 RELEASE 03.0 SUBSYSTEM COMMUNICATOR LISTINGS COMPONENT NO. 5752-SC1-DP  
SJD2-5390 OS/VS2 RELEASE 03.0 SUBSYS DATA ANAL YEAR LISTINGS COMPONENT NO. 5752-SC1-DS  
SJD2-5450 OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO. 5752-SC1-SS  
SJD2-6010 OS/VS2 SU21 LISTINGS, SUID 5752-821  
SJD2-6174 OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS  
SYC7-1970 DOS/VS SUBSYSTEM SUPPORT SERVICES - 5745-SC-SSS, LISTINGS

3670 Brokerage Communication System

09 Communications Devices, Control Units

GA27-3050 3670 BROKERAGE COMMUNICATION SYSTEM COMPONENT DESCRIPTION MANUAL  
GA27-3048 3670 BROKERAGE COMMUNICATION SYSTEM CONCEPTS & CONFIGURATOR

15 Physical Planning

GA27-3049 3670 BROKERAGE COMMUNICATION SYSTEM INSTALLATION PHYSICAL PLANNING

20 Programming - General Information

GC27-0045 SUBSYSTEM SUPPORT SERVICES SUID 5741-603  
GC27-0012 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUBSYSTEM SUPPORT SERVICE (SSS)  
RELEASE 5.0, SUID 5752-837

30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

SY30-3017 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVEL 5) LOGIC  
SYC0-3017 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES LOGIC (MICROFICHE)  
GC38-1011 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) MESSAGES  
\*\*GC30-3022 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) USER'S GUIDE  
GT30-3022 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES USER'S GUIDE, (GC30-3022-1)

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SH20-1159 REGISTERED REPRESENTATIVE SYSTEM PROGRAMMING OVERVIEW PROGRAM NUMBER 5734-F34  
GH20-1160 REGISTERED REPRESENTATIVE SYSTEM GENERAL INFORMATION MANUAL PROGRAM NUMBER  
5734-F34

99 Microfiche of SCP (System Control Programming) Code

SJB1-0446 SUBSYSTEM SUPPORT SERVICES VS2 RELEASE 1.7 LISTINGS, SCP 5744-CJ1  
SJD2-4190 DOS SUBSYSTEM PROGRAM SUPPORT, SCP 5745-SC-SPP PTF LISTINGS  
SJD2-4191 OS/VS1 SUBSYSTEM PROGRAM SUPPORT PTF LISTINGS SCP COMPONENT 5745-SC-SPP  
SJD2-5370 OS/VS2 RELEASE 03.0 SUBSYSTEM COMMUNICATOR LISTINGS COMPONENT NO. 5752-SC1-DP  
SJD2-5390 OS/VS2 RELEASE 03.0 SUBSYS DATA ANAL YEAR LISTINGS COMPONENT NO. 5752-SC1-DS  
SJD2-5450 OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO. 5752-SC1-SS  
SJD2-6010 OS/VS2 SU21 LISTINGS, SUID 5752-821  
SJD2-6174 OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS  
SYC7-1970 DOS/VS SUBSYSTEM SUPPORT SERVICES - 5745-SC-SSS, LISTINGS

## 3680 Programmable Store System

### 09 Communications Devices, Control Units

GE20-0678	3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE
GA27-3199	3680 PROGRAMMABLE STORE SYSTEM INTRODUCTION
GC30-3069	3680 PROGRAMMABLE STORE SYSTEM MASTER INDEX AND READER'S GUIDE
GA27-3240	3680 PROGRAMMABLE STORE SYSTEM OPERATOR'S GUIDE: OPERATOR GUIDANCE, OPERATOR MESSAGES, AND PROBLEM DETERMINATION PROCEDURES
GA27-3241	3680 PROGRAMMABLE STORE SYSTEM REFERENCE SUMMARY CARD
SC30-3161	SUBSYSTEM PROGRAM PREPARATION SUPPORT II APPLICATION PROGRAMMING MESSAGES AND CODES

### 14 Custom Features and Supporting Programs (PSHRPQ)

**GA19-5311	PROGRAMMABLE STORE SYSTEM 3680 RPQ ENHANCED HOST SUPPORT SUBSYSTEM GENERATION GUIDE, LIC PROG 5799-WTE, -WTF
**GA19-5312	3680 SUBSYSTEM PROGRAM PREPARATION SUPPORT II RPQ ENHANCED LIC PROG 5799-WTG, PROGRAMMER'S GUIDE
**GA19-5317	3650/3680 PROGRAMMABLE STORE SYSTEM SERIAL I/O INTERFACE REFERENCE MANUAL, RPQS 7B0122, 7B0525, 7B0526, 7B0590, 7B0328, 7B0329, 7B0564
**GA19-5310	3650/3680 PROGRAMMABLE STORE SYSTEM REFERENCE MANUAL
**GA19-5308	3680 PROGRAMMABLE STORE SYSTEM SECOND DISKETTE REFERENCE MANUAL RPQS 7B0328, 7B0329, 7B0565, 7B0668, 7B0669
**GA19-5333	3680 PROGRAMMABLE STORE SYSTEM SECOND DISKETTE OPERATOR AND PHYSICAL PLANNING GUIDE RPQS: 7B0328, -329, -565, -668, -669

### 15 Physical Planning

**GA27-3315	PROTECTIVE COUPLER, PN 1649100, INSTALLATION AND PLANNING GUIDE
**GA27-3213	3680 PROGRAMMABLE STORE SYSTEM PLANNING AND SITE PREPARATION GUIDE

### 30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

**GH20-2188	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, GENERAL INFORMATION
**SH20-2406	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, PROGRAM REFERENCE AND OPERATIONS
**GH20-4566	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2,
GH20-4579	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, DESIGN OBJECTIVES
**LY20-2476	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, LOGIC
GC30-3075	3650/3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT COMMANDS AND MESSAGES
**SY30-3044	PROGRAMMABLE STORE SYSTEM HOST SUPPORT RELEASE 1.0 LOGIC
GC30-3077	3680 PROGRAMMABLE STORE SYSTEM MACRO REFERENCE
GC30-3066	3680 PROGRAMMABLE STORE SYSTEM PROGRAMMER'S GUIDE
**SB21-2977	SUBSYSTEM PROGRAM PREPARATION SUPPORT II - HOST SIMULATOR, FDP 5798-DKC, DESCRIPTION/OPERATIONS
SC30-3159	SUBSYSTEM PROGRAM PREPARATION SUPPORT II APPLICATION PROGRAMMING LANGUAGE GUIDE
SC30-3160	SUBSYSTEM PROGRAM PREPARATION SUPPORT II APPLICATION PROGRAMMING LANGUAGE REFERENCE
GH20-4572	IBM 3650 PROGRAMMABLE STORE SYSTEM SUBSCRIPTION PROGRAM SUPPORT/II (SPPSII) DOS/VIS, LIC PROG 5735-D16, DESIGN OBJECTIVES
GC30-9524	SUBSYSTEM PROGRAM PREPARATION SUPPORT (SPPS II) VERSION 1 RELEASE 2, LIC PROG 5735-D16, DESIGN OBJECTIVES
GC30-9532	SUBSYSTEM PROGRAM PREPARATION SUPPORT II (SPPS-II) VERSION 1 RELEASE 1, LIC PROG 5735-D16, (DOS/VIS and OS/VIS)
LJB1-2008	OS/VIS SPPS-II PROGRAM PRODUCT 5735-D16 LISTINGS
LJB1-2009	VSE SPPS II PROGRAM PRODUCT 5735-D16 LISTINGS
LY30-3045	SUBSYSTEM PROGRAM PREPARATION SUPPORT II TERMINAL DISPLAY LANGUAGE AND POST PROCESSOR, LIC PROG 5735-D16, LOGIC

### 63 Distribution

**SH20-5524	3680 PROGRAMMABLE STORE SYSTEM, LIC PROG 5735-D61, -D62, APPLICATION PROBLEM SOURCE IDENTIFICATION GUIDE
GH20-2193	3680 PROGRAMMABLE STORE SYSTEMS/SALES APPLICATION, LIC PROG 5735-D61, GENERAL INFORMATION
SH20-2428	3680 PROGRAMMABLE STORE SYSTEM SALES APPLICATION, LIC PROG 5735-D61, PROGRAMMERS GUIDE
SH20-2431	3680 PROGRAMMABLE STORE SYSTEM SALES APPLICATION, LIC PROG 5735-D61, OPERATIONS GUIDE
**GH20-5295	3680 PROGRAMMABLE STORE SYSTEM/SALES APPLICATION LIC PROG 5735-D61, SPECIFICATIONS
LY20-2495	3680 PROGRAMMABLE STORE SYSTEM/SALES APPLICATION LIC PROG 5735-D62, LOGIC
GH20-2194	3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, GENERAL INFORMATION
SH20-2429	3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION - OPERATIONS GUIDE
SH20-2430	3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, PROGRAMMERS GUIDE
**GH20-5294	3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, SPECIFICATIONS
LY20-2505	3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, LOGIC

\*\*GB11-5617 APPLICATION PROGRAM FOR SUPERMARKETS USING 3680, IFP 5785-DDH, AVAILABILITY  
 NOTICE  
 \*\*SB11-5618 APPLICATION PROGRAM FOR SUPERMARKETS USING IBM 3680, IFP 5785-DDH,  
 DESCRIPTION/OPERATIONS  
 \*\*GH20-2461 3680 PROGRAMMABLE STORE SYSTEM SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62,  
 GENERAL INFORMATION  
 \*\*SH20-5530 3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62,  
 USER'S GUIDE  
 \*\*SH20-5531 3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62,  
 PROGRAM REFERENCE & OPERATIONS GUIDE  
 \*\*SH20-5532 3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT APPLICATION, LIC PROG  
 5735-D61, -D62, MACRO REFERENCE  
 \*\*SH20-5533 3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62,  
 DATA BASE REFERENCE  
 \*\*LY20-2571 3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62,  
 LOGIC

89 Installation Forms and Supplies

GE20-0677 3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION WORK PLAN  
 GC30-3068 3680 PROGRAMMABLE STORE SYSTEM INSTALLATION LOG  
 G320-6290 3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE PLANNING CHART  
 GX27-2934 INTRODUCTION TO THE IBM 3680 PROGRAMMABLE STORE SYSTEM (TABS)  
 GX27-2939 TABS FOR 3650 PSS TERMINAL OPERATION, GA27-3307  
 G320-6291 3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE, WORK PLAN BLANK FORMS  
 OS 3650 AND 3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT 5744-D16, LISTINGS  
 SJB1-2004  
 SJB1-2005 VSE 3650 & 3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT 5747-D16 LISTINGS

## 3730 Distributed Office Communication System

### 00 General System Information

GA19-0111 3790 COMMUNICATION SYSTEM CONFIGURATOR INCLUDING 3730 DISTRIBUTED OFFICE  
COMMUNICATION SYSTEM AMERICAS/FAR EAST AND EUROPE/MIDDLE EAST/AFRICA  
GA27-2768 3790 COMMUNICATION SYSTEM CONFIGURATOR INCLUDING IBM 3730 DISTRIBUTED OFFICE  
COMMUNICATION SYSTEM (U.S.A. AND CANADA)

### 03 Printers, Control Units

GA33-3027 3736 PRINTER OPERATING INSTRUCTIONS

### 09 Communications Devices, Control Units

GX20-2360 3730 FUNCTIONAL ABBREVIATION LIST  
GA33-3033 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: DESIGN OF AUTOMATED TEXT  
GA33-3022 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, SYSTEM DESCRIPTION  
GA33-3021 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: INTRODUCTION  
GA33-3023 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM SYSTEM OPERATING INSTRUCTIONS  
GX20-2349 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM - OPERATOR'S REFERENCE CARD  
G320-6279 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM CONTROL OPERATOR'S REFERENCE GUIDE  
GA33-3076 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: SYSTEM PROBLEM DETERMINATION  
GA33-3024 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, PROBLEM  
DETERMINATION GUIDE  
GA33-3025 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION,  
OPERATORS COURSE  
GA33-3029 3732 TEXT DISPLAY STATION REFERENCE INFORMATION  
GA33-3080 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: 3732 TEXT DISPLAY STATION, QUICK  
REFERENCE

### 14 Custom Features and Supporting Programs

GA33-3054 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: GENERAL INFORMATION MANUAL FOR  
RPQS 7H0408 AND 7H0409 (ATTACHMENT OF AN IBM MAG CARD  
TYPEWRITER-COMMUNICATING)  
GA33-3026 3736 PRINTER WITH RPQ SU0099 REFERENCE MANUAL

### 15 Physical Planning

GX33-6029 3732 TEXT DISPLAY STATION PHYSICAL PLANNING TEMPLATE  
GX33-6030 3736 PRINTER PHYSICAL PLANNING TEMPLATE  
GA27-2769 3790 COMMUNICATION SYSTEM INSTALLATION MANUAL - PHYSICAL PLANNING, INCLUDING  
3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM

### 20 Programming - General Information

GC27-0012 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUBSYSTEM SUPPORT SERVICE (SSS)  
RELEASE 5.0, SUID 5752-837  
GC27-0045 SUBSYSTEM SUPPORT SERVICES SUID 5741-603

### 30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

GA33-3032 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: APPLICATION PROGRAMMER'S GUIDE  
GA33-3031 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: APPLICATION PROGRAMMER'S REFERENCE  
GA33-3034 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: APPLICATION PROGRAMMER'S REFERENCE  
SUMMARY  
GB11-5461 MAGNETIC CARDS TO 3730 ARCHIVE DISKETTE TEXT CONVERSION, IFP 5785-HAE, REL 7  
MODIF 0 NOTICE  
SB11-5462 MAGNETIC CARDS TO 3730 ARCHIVE DISKETTE TEXT CONVERSION PROGRAM, IFP 5785-HAE,  
DESCRIPTION/OPERATIONS  
GA33-3030 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: HOST PROGRAMMER'S GUIDE  
GC22-9051 IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMERS GUIDE (VERSION 7)  
GC22-9037 3790 COMMUNICATION SYSTEM, PROGRAMMING STATEMENTS GUIDE VERSION 7  
GC22-9064 IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS REFERENCE VERSION 7  
GX27-3023 3790 REFERENCE SUMMARY - VERSION 7

### 31 Support Programs

GB21-2631 6670 INFORMATION DISTRIBUTOR SUPPORT FOR IBM 3730 DISTRIBUTED OFFICE SYSTEM, FDP  
5798-DCW, NOTICE  
SB21-2632 6670 INFORMATION DISTRIBUTOR SUPPORT FOR 3730 DISTRIBUTED OFFICE SYSTEM, FDP  
5798-DCW, DESCRIPTION/OPERATIONS  
G320-6605 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM TO DISTRIBUTED OFFICE SUPPORT  
FACILITY ON THE 8100 INFORMATION SYSTEM: TRANSITION PLANNING GUIDE

### 40 Programming System Operation

GA27-2789 3790 COMMUNICATION SYSTEM MESSAGES



80 Cross-Industry - Office Applications

GH12-5043 3730 DISTRIBUTED OFFICE SUPPORT, SYSTEM/370, LIC PROG 5740-XY9, -XYK, DESIGN OBJECTIVES  
GH12-5056 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE LIC PROG 5666-264, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, NOTICE  
\*\*GH12-5124 DISTRIBUTED OFFICE SUPPORT SYSTEM/370 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, -XYK, GENERAL INFORMATION  
GH12-5137 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5666-264, 5740-XYK, GENERAL INFORMATION  
GH12-5249 DISTRIBUTED OFFICE SUPPORT SYSTEM/370 DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, 5740-XYK, SPECIFICATIONS  
\*\*SH12-5335 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, 5740-XYK, PROGRAM REFERENCE AND OPERATIONS  
\*\*SH12-5337 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, -XYK, INSTALLATION GUIDE  
\*\*SH12-5340 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, PROBLEM DETERMINATION GUIDE  
\*\*SH12-5341 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, INSTALLATION GUIDE  
\*\*SH12-5440 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, PROGRAM REFERENCE AND OPERATIONS  
\*\*SH12-5528 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, MESSAGES AND CODES  
\*\*LYA2-5229 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, HOST BASE PACKAGE, LISTINGS  
\*\*LYA2-5230 DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, CONTROLLER BASE PACKAGE, LISTINGS  
\*\*LYA2-5231 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, HOST PRINT FEATURE, LISTINGS  
\*\*LYA2-5232 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, STAIRS INPUT FORMATTER FEATURE, LISTINGS  
\*\*LYA2-5233 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, DIRECT DOCUMENT VIEWING FEATURE, LISTINGS  
\*\*LYA2-5234 DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, LISTINGS  
\*\*LYA2-5237 DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, LISTINGS  
\*\*LYA2-5238 DISOSS/VSE DOC VIEW  
\*\*LY12-5039 DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, -XYK, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730 LOGIC  
\*\*LY12-5042 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, LOGIC

85 General and Introductory References

G321-5103 A RESEARCH PERSPECTIVE ON COMPUTER-ASSISTED OFFICE WORK  
G321-5102 AN OFFICE COMMUNICATIONS SYSTEM

89 Installation Forms and Supplies

GX20-2360 3730 FUNCTIONAL ABBREVIATION LIST  
G320-6107 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM OPERATING INSTRUCTIONS BINDER  
G320-6109 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, OPERATOR'S COURSE BINDER  
G320-6108 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, REFERENCE INFORMATION BINDER  
G320-6110 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM 3736, PRINTER OPERATING INSTRUCTIONS BINDER

99 Microfiche of SCP (System Control Programming) Code

SJD2-6010 OS/VS2 SU21 LISTINGS, SUID 5752-821  
SJD2-6174 OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS

## 3790 Communication System

### 00 General System Information

GA27-2768 3790 COMMUNICATION SYSTEM CONFIGURATOR INCLUDING IBM 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM (U.S.A. AND CANADA)  
GA19-0111 3790 COMMUNICATION SYSTEM CONFIGURATOR INCLUDING 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM AMERICAS/FAR EAST AND EUROPE/MIDDLE EAST/AFRICA  
GX23-0205 IBM 3790 COMMUNICATION SYSTEM LIBRARY REFERENCE SUMMARY  
GA33-4552 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION CONFIGURATION GUIDELINES  
GA33-4562 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION CONFIGURATION GUIDELINES  
GA33-4572 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR CONFIGURATION GUIDELINES

### 03 Printers, Control Units

GA27-2798 3790 COMMUNICATION SYSTEM PRINTER OPERATING GUIDE FOR THE 3284, 3286, 3287 AND 3288 PRINTERS

### 06 Display Equipment

NOTE: Other display equipment, used primarily in a communications environment, is listed under subject code 09.

GA27-2858 3790 COMMUNICATION SYSTEM TERMINAL OPERATOR'S GUIDE FOR THE 3276/12 & 3278/2 DISPLAY STATIONS  
GA27-2825 3790 COMMUNICATION SYSTEM OPERATOR'S GUIDE FOR THE 3277 DISPLAY STATION  
GA27-2785 3790 COMMUNICATION SYSTEM, OPERATOR'S GUIDE FOR THE 3277 DISPLAY STATION, VERSION 5

### 08 Other Devices, Control Units

GA21-9182 THE IBM DISKETTE: GENERAL INFORMATION MANUAL

### 09 Communications Devices, Control Units

GA27-2807 AN INTRODUCTION TO THE IBM 3790 COMMUNICATION SYSTEM  
GA27-2830 OPERATIONS GUIDE FOR THE 3790 COMMUNICATION SYSTEM, VERSION 7  
GA27-2822 OPERATIONS GUIDE FOR THE IBM 3790 COMMUNICATION SYSTEM VERSION 6  
GA27-2786 3790 COMMUNICATION SYSTEM: CONTROL OPERATOR'S GUIDE, VER 5  
G229-0257 CONTROL OPERATOR ORIENTATION GUIDE FOR THE IBM 3790 COMMUNICATION SYSTEM  
GA33-4550 3790 COMMUNICATION SYSTEM, DATA CONFIGURATION INTRODUCTION  
GA33-4551 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION FUNCTIONAL DESCRIPTION  
GA33-4554 3790 COMMUNICATION SYSTEM, DATA ENTRY CONFIGURATION OPERATOR'S GUIDE  
GX33-8502 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION OPERATOR'S REFERENCE CARD  
GA33-4553 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION SUPERVISOR GUIDE  
GA33-4563 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3760 KEY ENTRY STATION SUPERVISOR GUIDE  
GX33-8503 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION SUPERVISORS REFERENCE CARD  
G229-0258 3790 COMMUNICATION SYSTEM PROBLEM DETERMINATION GUIDE  
GA27-2783 3790 COMMUNICATION SYSTEM, OPERATOR'S GUIDE FOR THE 2741 COMMUNICATIONS TERMINAL  
GA33-4560 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION INTRODUCTION  
GA33-4561 IBM 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION FUNCTIONAL DESCRIPTION  
GA33-4564 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION OPERATOR GUIDE RELEASE 2.6  
GX33-8506 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 OPERATOR'S REFERENCE CARD  
GX33-8508 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION SUPERVISOR REFERENCE SUMMARY  
GA33-4570 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3762 PAYMENT TRANSACTION PROCESSOR, INTRODUCTION  
GA33-4571 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR, FUNCTIONAL DESCRIPTION  
GA33-4574 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3762 PAYMENT TRANSACTION PROCESSOR OPERATOR GUIDE REL 2  
GX33-8504 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3762 OPERATOR'S REFERENCE SUMMARY  
GA33-4576 3762 PAYMENT TRANSACTION PROCESSOR PAPER & PRINTING REQUIREMENTS PAPER AND PRINTING REQUIREMENTS  
GX33-8505 3762 PAYMENT TRANSACTION PROCESSOR OCR DOCUMENT GAUGE  
GA33-4573 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR, SUPERVISOR GUIDE  
GA27-2824 3790 COMMUNICATION SYSTEM, OPERATOR'S GUIDE FOR THE 3793 KEYBOARD-PRINTER  
GA27-2784 3790 VERSION 5 OPERATOR'S GUIDE FOR 3793 KEYBOARD-PRINTER

### 14 Custom Features and Supporting Programs

GA27-2840 3790 COMMUNICATION SYSTEM BSC, RPQ 8K0632, INSTALLATION AND PROGRAMMING GUIDE  
GA19-5035 3790 EXPANDED DISK STORAGE RPQS 7H0225 AND 7H0226 REFERENCE MANUAL  
GA27-2841 3790 COMMUNICATION SYSTEM, LOOP RPQ EH0642 VERSION 5, CUSTOM FEATURE DESCRIPTION  
GA27-2842 3790 COMMUNICATION SYSTEM, LOOP RPQ EH0642, VERSION 5, OPERATIONS GUIDE  
GA27-2891 3790 COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION 129-3790 ATTACHMENT RPQ

MJ2886  
 GA23-0051 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION 3762 PAYMENT TRANSACTION  
 PROCESSOR INSCRIBE ONLY FEATURE (RPQ 3075) RELEASE 2.8  
 GA33-4577 3762 PAYMENT TRANSACTION PROCESSOR MODEL 21 (RPQ MH7024)  
 GA33-3018 3790 COMMUNICATION SYSTEM CUSTOM FEATURE RPQ 7H0216 PROGRAMMER'S & OPERATOR'S  
 GUIDE FOR REMOTE TERMINALS ATTACHED TO THE IBM 3792 AUXILIARY CONTROL UNIT

15 Physical Planning

GA27-2769 3790 COMMUNICATION SYSTEM INSTALLATION MANUAL - PHYSICAL PLANNING, INCLUDING  
 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM  
 GX27-2956 PHYSICAL PLANNING TEMPLATE 3790 COMMUNICATIONS SYSTEM (US)

20 Programming - General Information

GC22-9071 SYSTEM CONTROL PROGRAMMING, DPCX/3790 HOST SUPPORT, SCP 5744-BZ3, 5747-BQ1,  
 SPECIFICATIONS  
 GC22-9055 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS IBM 3790 COMMUNICATIONS SYSTEM HOST  
 SUPPORT RELEASE 7  
 GC22-9043 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS IBM 3790 COMMUNICATION SYSTEM HOST  
 SUPPORT RELEASE 6  
 GC22-9042 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS IBM 3790 COMMUNICATION SYSTEM HOST  
 SUPPORT RELEASE 5  
 GC27-0045 SUBSYSTEM SUPPORT SERVICES SUID 5741-603  
 GC27-0012 SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUBSYSTEM SUPPORT SERVICE (SSS)  
 RELEASE 5.0, SUID 5752-837

30 Access Methods, Data Management, Storage/Communications (I/O) Control Programs

GB21-2112 3760 BATCH DATA TRANSFER UNDER CICS/VS, FDP 5798-CQB, NOTICE  
 SB21-2113 IBM 3760 BATCH DATA TRANSFER UNDER CICS/VS, FDP 5798-CQB, DESCRIPTION/OPERATIONS  
 GB21-1713 3790 BATCH TRANSMISSION SERVICES, FDP 5798-CGB NOTICE  
 GC22-9027 INSTALLING THE DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT FOR  
 USE WITH DOS/VS LIC PROG 5747-BQ1 RELEASE 11  
 GC22-9070 DISTRIBUTED PROCESSING CONTROL EXECUTIVE 3790 HOST SUPPORT INTERACTIVE PROGRAM  
 VALIDATION SERVICES, LIC PROG 5744-BZ3, 5747-BQ1, USER'S GUIDE  
 GC22-9084 8100 INFORMATION SYSTEM, DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST  
 SUPPORT MESSAGES  
 SH20-2025 DISTRIBUTED SYSTEMS EXECUTIVE, LIC PROG 5748-XXG, REFERENCE/OPERATIONS  
 GH20-2149 DISTRIBUTED SYSTEMS EXECUTIVE (DSX), LIC PROG 5748-XXG, GENERAL INFORMATION  
 SH20-2422 DISTRIBUTED SYSTEMS EXECUTIVE RELEASE 2, LIC PROG 5748-XXG, INSTALLATION GUIDE  
 GH20-5290 DISTRIBUTED SYSTEMS EXECUTIVE, LIC PROG 5748-XXG SPECIFICATIONS  
 LJB1-2197 DSX FOR DOS  
 GX20-2034 DISTRIBUTED SYSTEMS EXECUTIVE RELEASE 2, LIC PROG 5748-XXG REFERENCE SUMMARY  
 LY20-2446 DISTRIBUTED SYSTEMS EXECUTIVE (DSX), LIC PROG 5748-XXG LOGIC  
 GC22-9065 DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT: HOST SERVICES GUIDE,  
 LIC PROG 5744-BZ3, 5747-BQ1  
 GC22-9032 IBM 3790 COMMUNICATION SYSTEM HOST SERVICES GUIDE VERSION 6  
 GC22-9051 IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMERS GUIDE (VERSION 7)  
 GC22-9033 IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMER'S GUIDE (VERSION 6)  
 GC27-0026 IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMER'S GUIDE PROG NOS 5746-BQ1,  
 5744-BZ1, BZ2 VERSION 5  
 SY27-2472 DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790/3770 HOST SUPPORT, LIC PROG  
 5744-BZ3, 5747-BQ1, HOST SERVICES LOGIC  
 GB21-2176 3790 KEY SEQUENTIAL FILE MACROS, FDP 5798-CRG, NOTICE  
 SB21-2177 3790 KEY SEQUENTIAL FILE MACROS, FDP 5798-CRG, DESCRIPTION/OPERATIONS  
 GC22-9037 3790 COMMUNICATION SYSTEM, PROGRAMMING STATEMENTS GUIDE VERSION 7  
 GC22-9030 IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS GUIDE VERSION 6  
 GC27-0015 IBM 3790 COMMUNICATION SYSTEM: PROGRAMMING STATEMENTS GUIDE VERSION 5  
 GC22-9064 IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS REFERENCE VERSION 7  
 GC22-9031 IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS REFERENCE VERSION 6  
 GC27-0016 IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS, REFERENCE VERSION 5  
 GB21-2035 3790 QUERY PROGRAM, FDP 5798-CNR, AVAILABILITY NOTICE  
 SB21-2036 3790 QUERY PROGRAM, FDP 5798-CNR, DESCRIPTION/OPERATIONS  
 SB21-2037 3790 QUERY PROGRAM, FDP 5798-CNR, TERMINAL OPERATOR'S GUIDE  
 GX27-3023 3790 REFERENCE SUMMARY - VERSION 7  
 GX27-2991 3790 REFERENCE SUMMARY VERSION 6  
 GX27-0020 3790 COMMUNICATION SYSTEM REFERENCE SUMMARY VERSION 5  
 GC22-9080 IBM 3790 COMMUNICATION SYSTEM REMOTE DATA LINK ADAPTER USER'S GUIDE  
 GC22-9078 3790 COMMUNICATION SYSTEM REQUEST FOR ENGINEERING ACTION MESSAGE HEADERS,  
 VERSION 7  
 GX11-6005 3790 SNA USERS REFERENCE CARD  
 SY30-3017 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVEL 5) LOGIC  
 SYC0-3017 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES LOGIC (MICROFICHE)  
 GC38-1011 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) MESSAGES  
 \*\*GC30-3022 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) USER'S GUIDE  
 GT30-3022 SYSTEM/370 SUBSYSTEM SUPPORT SERVICES USER'S GUIDE, (GC30-3022-1)  
 GX27-3024 3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 7  
 GX27-2992 3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 6  
 GX27-2980 3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 5  
 GB11-5140 VTAM MONITOR FOR 3790 COMMUNICATION SYSTEM, PROGRAMMING RPQ, LIC PROG 5799-AYJ,  
 NOTICE  
 SB11-5141 SYSTEM/370 VTAM MONITOR PROGRAM FOR THE IBM 3790 COMMUNICATION SYSTEM

PROGRAMMING RPQ X99900, LIC PROG 5799-AYS DESCRIPTION/OPERATIONS  
 GB11-5212 VTAM-3790 RAPID TRANSFER, IFP 5787-EAA, NOTICE  
 SB11-5213 SYSTEM/370 VTAM-3790 RAPID TRANSFER PROGRAM PROGRAM DESCRIPTION/OPERATIONS, IFP  
 5787-EAA  
 GC27-0028 OS/V S VTAM SPECIAL PROGRAMMING SUPPORT/KEY ENTRY: COMPONENT RELEASE GUIDE,  
 COMPONENT NUMBERS 5741-SC1-29 & 5752-SC1-29 VTAM LEV 1.1; VS1 REL 4; VS2 REL  
 3.0  
 SY27-7268 OS/V S VTAM SPECIAL PROGRAMMING SUPPORT/KEY ENTRY: COMPONENT RELEASE LOGIC,  
 COMPONENT NUMBERS 5741-SC1-29 & 5752-SC1-29

### 31 Support Programs

GB21-1707 3790 DATA ENTRY FORMAT GENERATOR - FDP 5798-CFZ, NOTICE  
 GB21-2594 DISTRIBUTED DATA TRANSFER - HOST FDP 5798-DCA, AVAILABILITY NOTICE DISTRIBUTED  
 DATA TRANSFER - CONTROLLER, FDP 5798-DCF, AVAILABILITY NOTICE  
 SB21-2595 DISTRIBUTED DATA TRANSFER - HOST, FDP 5798-DCA, DESCRIPTION/OPERATIONS  
 SB21-2596 DISTRIBUTED DATA TRANSFER - CONTROLLER, FDP 5798-DCF, DESCRIPTION/OPERATIONS  
 GB21-2570 HOST DEVELOPMENT AND TEST SYSTEM FOR IBM 8100 COBOL USING TSO, 5785-DCF,  
 AVAILABILITY NOTICE  
 GB21-2431 8100/DPCX 3790 DISTRIBUTED ENTRY/QUERY SYSTEM, FDP 5798-CZE NOTICE  
 SB21-2432 8100/DPCX 3790 DISTRIBUTED ENTRY/QUERY SYSTEM, 5798-CZE DESCRIPTION/OPERATIONS  
 SB21-2807 8100/DPCX 3790 DISTRIBUTED ENTRY/QUERY SYSTEM TEXT ENHANCEMENT FEATURE, FDP  
 5798-CZE (SPECIFY 6015), DESCRIPTION/OPERATIONS  
 SB21-2808 8100/DPCX 3790 DISTRIBUTED ENTRY/QUERY SYSTEM TEXT ENHANCEMENT FEATURE, FDP  
 5798-CZE (SPECIFY 6015), USER'S GUIDE  
 SB21-2473 8100/DPCX AND 3790 DATA ENTRY ENHANCEMENTS FOR "MASTERCHARGE" AND "VISA"  
 PROCESSING, FDP 5798-CZN, DESCRIPTION/OPERATIONS

### 32 Utilities

GC33-5900 IBM 3790 COMMUNICATION SYSTEM, DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM,  
 DOS/V S USER'S GUIDE - SCP 5747-BW1  
 SY33-8900 IBM 3790 COMMUNICATION SYSTEM, DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM,  
 DOS/V S LOGIC, SCP 5747-BW1  
 GC33-5901 IBM 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM,  
 OS/V S1-OS/V S2 USER'S GUIDE - SCP'S 5744-CG1 -CG2  
 SY33-8901 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM,  
 OS/V S-OS/V S2 LOGIC, SCP'S 5744-CG1, -CG2  
 GB21-2053 3790 DISK UTILITY PROGRAM, FDP 5798-CPA, NOTICE  
 SB21-2054 3790 DISK UTILITY PROGRAM, FDP 5798-CPA, DESCRIPTION/OPERATIONS  
 GB21-2182 3790 DISKETTE UTILITY, FDP 5798-CRF, NOTICE  
 SB21-2183 3790 DISKETTE UTILITY, FDP 5798-CRF, DESCRIPTION/OPERATIONS  
 GC33-5902 IBM 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION HOST SYSTEM TRANSMISSION  
 GUIDE, SCP 5744-CG1, CG2, 5747-BW1  
 SH20-2127 3790 BASIC KEY TO DISK SYSTEM IUP 5796-AWF, DESCRIPTION/OPERATIONS  
 G320-6090 3790 BASIC KEY TO DISK SYSTEM, IUP 5796-AWF, NOTICE  
 SH20-2121 3760 AUTOMATED DOS/V S JOB SUBMISSION, IUP 5796-AWA, DESCRIPTION/OPERATIONS  
 G320-6085 3760 AUTOMATED DOS/V S JOB SUBMISSION IUP 5796-AWA NOTICE  
 GB21-2383 3760 BATCH TRANSFER PROGRAM INSTALLATION AID, FDP 5798-CYN, NOTICE  
 SB21-2384 3760 BATCH TRANSFER PROGRAM INSTALLATION AID, FDP 5798-CYN,  
 DESCRIPTION/OPERATIONS  
 SH20-1917 3760 DYNAMIC BTP GENERATOR SYSTEM, IUP 5796-ANF, DESCRIPTION/OPERATIONS  
 G320-5724 DYNAMIC BTP GENERATOR - IUP 5796-ANF, NOTICE  
 GB21-2159 3770/3790 ASSEMBLER LISTING POST EDITOR, FDP 5798-CQZ NOTICE  
 SB21-2160 3770/3790 ASSEMBLER LISTING POST EDITOR, FDP 5798-CQZ, DESCRIPTION/OPERATIONS  
 GB21-2073 3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG, NOTICE  
 SB21-2074 3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG, DESCRIPTION/OPERATIONS  
 GB11-5442 8100 (DPCX) 3790 DATA SERVICE UTILITY PROGRAM IFP 5785-DCL, NOTICE  
 SB11-5443 8100 (DPCX) 3790 DATA SET UTILITY PROGRAM, 5785-DCL, DESCRIPTION/OPERATIONS  
 GB21-2589 8100/DPCX 3790 DATA SET UTILITY PROGRAM, FDP 5785-DCL, NOTICE  
 SB21-2590 8100/DPCX 3790 DATA SET UTILITY PROGRAM, FDP 5785-DCL, DESCRIPTION/OPERATIONS

### 33 Sort/Merge

GB11-5386 8100 (DPCX)/3790 FAST SORT PROGRAM, IFP 5785-AAL, NOTICE  
 SB11-5387 8100 (DPCX)/3790 FAST SORT PROGRAM, IFP 5785-AAL, DESCRIPTION/OPERATIONS  
 GB21-2501 8100/DPCX 3790 SORT/MERGE PROGRAM, 5798-DAF, NOTICE

### 34 System Planning, Generation, Performance, SMF

GC22-9058 IBM 3790 COMMUNICATION SYSTEM SYSTEM DESIGN AND PERFORMANCE GUIDE VERSION 7  
 GC22-9066 3790 COMMUNICATION SYSTEM PROGRAM EXECUTION MONITOR GUIDE  
 GC22-9054 IBM 3790 COMMUNICATION SYSTEM RELEASE GUIDE  
 GC22-9052 IBM 3790 COMMUNICATION SYSTEM, SYSTEM DESIGN AND REFERENCE GUIDE VERSIONS 5 & 6  
 GC33-5903 IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, USER PROGRAMMABILITY  
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 GC22-9035 INSTALLING THE DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT FOR  
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\*\*SB11-5491 DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -DAB, -FAJ, -FAK, -FAH, -FAL,  
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\*\*GB11-5584 DOS/VSE OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IFP  
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LY20-9033 EDUCATIONAL INFORMATION SYSTEM/DATABASE, IUP 5796-BAZ, DATA BASE MAINTENANCE  
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LY20-9034 EDUCATIONAL INFORMATION SYSTEM DATABASE, IUP 5796-BAZ, SYSTEMS DESIGN GUIDE

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SH20-2568 ENGLISH COMMUNICATION SKILLS CAI VERSION II, IUP 5796-BBT, USERS GUIDE

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SH20-1252 EPIC: BUDGET/FINANCE OPERATIONS GUIDE, PROG. NO. 5735-E93

SH20-1253 EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, USER'S GUIDE

GH20-4322 EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, SPECIFICATIONS

LY20-0837 EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, LOGIC

GH20-1131 EPIC FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS - PROGRAM PRODUCT  
GENERAL INFORMATION PROGRAM NUMBER 5735-E92

SH20-1282 EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS OPERATIONS GUIDE  
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SH20-1283 EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS USER'S MANUAL -  
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GH20-4622 EPIC: FAST TEST SCORING SYSTEM PROGRAM NUMBER 5735-E92, FUNCTIONAL DESCRIPTION

GX20-2325 EPIC: FAST - GROUP NAME SHEET - PROG PROD 5735-E92

GX20-2326 EPIC:FAST, GROUP HEADER SHEET, LIC PROG 5735-E92

LY20-0848 EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS, LIC PROG  
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GB21-1746 EPIC: FAST - INSTRUCTOR GENERATED TESTS - FDP 5798-CGJ, NOTICE

GH20-1129 EPIC SOCRATES STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS - GENERAL  
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SH20-1242 EPIC: SOCRATES (STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS) USER'S  
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SH20-1245 EPIC: SOCRATES STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS:  
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GH20-4317 EPIC SOCRATES STUDENT SCHEDULING SYSTEM SPECIFICATION SHEET - PROG. NO. 5735-E91

LY20-0835 EPIC: SOCRATES, STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS - LOGIC  
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GH20-1130 EPIC STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS GENERAL INFORMATION  
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SH20-1281 EPIC: STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS OPERATIONS GUIDE  
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SH20-1284 EPIC: STUDENT - STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS USER'S GUIDE  
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GH20-4619 EPIC - STUDENT RECORD, PROG PROD 5735-E94, FUNCTIONAL DESCRIPTION

LY20-0851 EPIC: STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS, LIC PROG 5735-E94,  
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SH20-2048 EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, DESCRIPTION/OPERATION

SH20-2049 EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, TERMINAL USER'S GUIDE

G320-5814 EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, NOTICE

G320-1439 S/370 FILM LIBRARY MANAGEMENT SYSTEM (FILMS), IUP 5796-ACW, NOTICE

GB11-5590 IMS/VIS MASTER TERMINAL OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION  
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 \*\*LY20-9070 LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-FAH, -FAL, SYSTEMS GUIDE  
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SH20-1118 ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) PROGRAM REFERENCE MANUAL - IUP  
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 GH20-1271 ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) GENERAL INFORMATION MANUAL - PROG.  
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 \*\*LY20-9071 AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, 5796-BDA, -BDC, SYSTEMS GUIDE  
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 SH20-0999 BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3: OPERATIONS MANUAL, PROG. NO. 5746-F31  
 LY20-0694 BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3: SYSTEM MANUAL, PROG. NO. 5746-F31, FEATURE 8005  
 SH20-1951 AUTOMATED BILL PAYMENT SYSTEM IUP 5796-ANX (DPD) NLZ (GSD), DESCRIPTION/OPERATION  
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\*\*SH20-2091 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING CAD ONLY INTERACTIVE MODULE IUP 5796-ATA INSTALLATION PROGRAMMER'S GUIDE (CURRENT RELEASE)

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\*\*SH20-2093 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING DATA MANAGEMENT MODULE, IUP 5796-ATC, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

\*\*SH20-2094 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING HARDCOPY MODULE, IUP 5796-ATD, INSTALLATION AND PROGRAMMER'S GUIDE

\*\*SH20-2095 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING APT INTERFACE MODULE, IUP 5796-ATE, INSTALLATION AND PROGRAMMER'S GUIDE

SH20-2096 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING TELECOMMUNICATIONS MODULE, IUP 5796-ATF, INSTALLATION AND PROGRAMMER'S GUIDE

\*\*SH20-2097 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING STATISTICAL DATA MODULE, IUP 5796-ATG, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

\*\*SH20-2098 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING ACCOUNTING INFORMATION MODULE, IUP 5796-ATH, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

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\*\*SH20-2179 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D MESH GEOMETRY MODULE, 5796-AWR, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

\*\*SH20-2180 COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D SURFACE GEOMETRY MODULE, IUP 5796-AWT, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

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SB11-5304 COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING PROGRAM, IFP 5785-GAF, DESCRIPTION/OPERATIONS

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SB11-5005 INTEGRATED CIVIL ENGINEERING SYSTEM (ICES) STRUCTURAL DESIGN LANGUAGE (STRU DL)  
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SH20-0776 OS/360 INVENTORY CONTROL PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-M52  
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LY20-0528 OS/360 INVENTORY CONTROL SYSTEM MANUAL PROG. PROD. 5734-M52, FEATURE NO. 8011  
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LY20-2013 IBM SYSTEM/370 MATCHING AND DISPLAY APPLICATION PROGRAM (MDAP) FOR IBM 5275  
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GH20-1293 SYSTEM/370 MACHINING & DISPLAY APPLICATION PROGRAM (MDAP) FOR 5275 DIRECT  
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\*\*GB11-5573 ONLINE USER HELP FACILITY CICS/V S, IFP 5785-DCQ, NOTICE  
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SB11-5270 DATA BASE FOR ONLINE PROCUREMENT, IFP 5785-DBT, DESCRIPTION/OPERATIONS  
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GH20-0751 OS/360 REQUIREMENTS PLANNING, LIC PROG 5734-M51, APPLICATION DESCRIPTION  
SH20-0777 OS/360 REQUIREMENTS PLANNING PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-M51  
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LY20-0543 OS/360 REQUIREMENTS PLANNING, LIC PROG 5734-M51, SYSTEM MANUAL  
SH20-0790 S/360 REQUIREMENTS PLANNING INTERFACE, LIC PROG 5736-M13, DESCRIPTION  
SH20-0791 SYSTEM/360 REQUIREMENTS PLANNING INTERFACE (5736-M13) OPERATIONS MANUAL  
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GH20-9158 DOCUMENT COMPOSITION FACILITY AND DOCUMENT LIBRARY FACILITY LIC PROG 5748-XX9,  
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SH20-9161 DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, USER'S GUIDE (CURRENT RELEASE)

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GH20-9175 DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, RELEASE 2 PROGRAM SUMMARY  
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GH20-4378 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VS (FERST/VS), SPECIFICATIONS - DOS/VS PROG. NO. 5795-AAJ, EQUIPMENT CONTROL

\*GH20-5014 FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-DOS/VS) EQUIPMENT CONTROL, LIC PROG 5795-AAJ, FUNCTIONAL DESCRIPTION

LY20-2082 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - VOLUME 2, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

LY20-2083 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - VOLUME 3, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

LY20-2084 FERST/VS LOGIC VOLUME 4, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

GH20-4384 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VS (FERST/VS) OS/VS1 FREIGHT BILLING, LIC PROG 5795-AAK, SPECIFICATIONS

LY20-2088 FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC VOL 2

SH20-1680 FERST/VS FILE DESCRIPTION MANUAL, PROG 5795-AAK FREIGHT BILLING (OS/VS1) 5795-AAL FREIGHT BILLING (DOS/VS)

SH20-1681 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL PROG 5795-AAK FREIGHT BILLING (OS/VS1) 5795-AAL FREIGHT BILLING (DOS/VS)

SH20-1682 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG 5795-AAK

SH20-1683 FERST/VS TERMINAL OPERATIONS GUIDE, PROG 5795-AAK FREIGHT BILLING (OS/VS1) 5795-AAL FREIGHT BILLING (DOS/VS)

SH20-1684 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS) PROG. NO. 5795-AAL FREIGHT BILLING (DOS/VS) OPERATIONS GUIDE

GH20-4389 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS) DOS/VS, SPECIFICATIONS - PROG. NO. 5795-AAL (FREIGHT BILLING)

\*GH20-5012 FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-DOS/VS) FREIGHT BILLING, LIC PROG 5795-AAL, FUNCTIONAL DESCRIPTION

\*GH20-5013 FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-OS/VS1) FREIGHT BILLING, LIC PROG 5795-AAK, FUNCTIONAL DESCRIPTION

LY20-2087 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM

(FERST/VS), PROGS 5795-AAK (OS), 5795-AAL (DOS/VS) LOGIC VOLUME 1

LY20-2089 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC VOLUME 3 PROG 5795-AAR (OS/VS1) 5796-AAL (DOS/VS)

SH20-1518 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL PROG. NOS. 5795-AAF, MESSAGE SWITCHING (OS/VS1); 5795-AAG, MESSAGE SWITCHING (DOS/VS)

SH20-1519 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) FILE DESCRIPTION MANUAL - PROG. NO. 5795-AAF, MESSAGE SWITCHING (OS)

\*\*SH20-1520 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE - MESSAGE SWITCHING PROGRAM NOS. 5795-AAF (OS/VS1); 5795-AAG (DOS/VS)

SH20-1521 FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) TERMINAL OPERATIONS GUIDE PROG. NO. 5795-AAF (OS)

GH20-4372 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION (FERST/VS): OS/VS1 MESSAGE SWITCHING, PROG. PROD. 5795-AAF SPECIFICATIONS

\*\*GH20-5010 FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-OS/VS1) MESSAGE SWITCHING, LIC PROG 5795-AAF, FUNCTIONAL DESCRIPTION

LY20-2042 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - PROG PRODS 5795-AAF MESSAGE SWITCHING (OS/VS1) 5795-AAG MESSAGE SWITCHING (DOS/VS)

SH20-1738 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)

SH20-1739 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)

SH20-1740 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG 5795-AAN RATING/RATE AUDIT (OS/VS1)

SH20-1741 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) TERMINAL OPERATIONS GUIDE PROG 5795-AAM RATING/RATE AUDIT (OS/VS1)

SH20-1747 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) FILE DESCRIPTION PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)

GH20-4394 FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL STORAGE (FERST/VS) RATING/RATE AUDIT PROG PROD 5795-AAM, 5795-AAN, SPECIFICATIONS

LY20-2224 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) RATING/RATE AUDIT LOGIC, PROG NOS 5795-AAM (OS/VS1), 5795-AAN (DOS/VS)

GH20-1500 FERST/VS, LIC PROG 5795-AAF, -AAG, -AAH, -AAJ, -AAK, -AAL, -AAN, GENERAL INFORMATION

SH20-1711 THE GOODYEAR TIRE & RUBBER CO. FREIGHT BILL AUDIT AND RATING SYSTEM INSTALLATION GUIDE, IUP 5796-AEJ

SH20-2074 MAINTENANCE, ENGINEERING AND STORES SYSTEM, IUP 5796-ARP, ARQ, ARR, ARW, ARX, DESCRIPTION/OPERATIONS

SH20-2075 MAINTENANCE, ENGINEERING AND STORES SYSTEM, IUP 5796-ARP, ARQ, ARR, ARW, ARX, USER'S GUIDE

LY20-2359 MAINTENANCE, ENGINEERING AND STORES SYSTEM PROBLEM CORRECTIVE/REPORTING, IUP 5796-ARP, SYSTEMS GUIDE

LY20-2360 MAINTENANCE, ENGINEERING AND STORES SYSTEM CATALOG INQUIRY/PARTS ORDERING, IUP 5796-ARQ

LY20-2361 MAINTENANCE, ENGINEERING AND STORES SYSTEM - COMPONENT MAINTENANCE, IUP 5796-ARR, SYSTEMS GUIDE

LY20-2362 MAINTENANCE, ENGINEERING AND STORES SYSTEM TIME ON PARTS/FORECASTING, IUP 5796-ARW SYSTEM GUIDE

G320-6055 MAINTENANCE ENGINEERING AND STORES SYSTEM, 5796-ARP, ARQ, ARR, ARW, ARX, NOTICE

SH20-1548 HERCULES INCORPORATED RAIL CAR MANAGEMENT SYSTEM - IUP 5796-AFR, DESCRIPTION/OPERATIONS

LY20-2056 RAIL CAR MANAGEMENT SYSTEM: IUP 5796-AFR SYSTEMS GUIDE

LY20-2071 HERCULES INCORPORATED RAIL CAR MANAGEMENT - IUP 5796-AFR, USER'S GUIDE

G320-8102 RAIL CAR MANAGEMENT SYSTEM INSTALLED AT HERCULES INC. WILMINGTON, DELAWARE: IUP 5796-AFR NOTICE

GB11-5255 ROTABLE CONTROL PROGRAM FOR DOS/VS, DL/I USERS, IPF 5787-EAB, NOTICE

SH20-0798 TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) DATA PREPARATION MANUAL 5736-T21

SH20-0812 TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) PROGRAM DESCRIPTION AND OPERATIONS MANUAL PROGRAM NUMBER 5736-T21

LY20-0559 TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) SYSTEM MANUAL PROGRAM NUMBER 5736-T21, FEATURE CODE 8003

SH20-0811 TRAFFIC PROFILE ANALYSIS SYSTEM 5736-T22, PROGRAM DESCRIPTION AND OPERATION MANUAL

LY20-0560 TRAFFIC PROFILE ANALYSIS SYSTEM, LIC PROG 5736-T22, SYSTEM MANUAL

SH20-1668 TIRE INVENTORY ANALYSIS SYSTEM, IUP 5796-AHG DESCRIPTION/OPERATIONS

LY20-2179 TIRE INVENTORY ANALYSIS SYSTEM BOSS-LINCO LINES, INC. SYSTEMS GUIDE, IUP 5796-AHG, FEATURE 8630

SH20-1667 TIRE INVENTORY CONTROL SYSTEM, IUP 5796-AHF DESCRIPTION/OPERATIONS

LY20-2178 SYSTEM/370 - DOS/VS TIRE INVENTORY CONTROL SYSTEM BOSS-LINCO LINES, INC. SYSTEMS GUIDE MANUAL IUP 5796-AHF, FEATURE 8629

SH20-1717 TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB DESCRIPTION/OPERATION

LY20-2194 TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB SYSTEMS GUIDE

G320-8147 TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB NOTICE

GH19-2000 IBM VEHICLE SCHEDULING PROGRAM--EXTENDED GENERAL INFORMATION MANUAL PROGRAM NUMBERS 5734-XM5 (OS), 5736-XM3 (DOS)

SH19-2304 IBM VEHICLE SCHEDULING PROGRAM--EXTENDED (OS AND DOS) PROGRAM DESCRIPTION MANUAL PROGRAM NUMBERS 5734-XM5 (OS), 5736-XM3 (DOS)

SH19-2607 IBM VEHICLE SCHEDULING PROGRAM - EXTENDED (OS) OPERATIONS MANUAL, PROGRAM NUMBER

5734-XM5  
 GH12-6006 IBM VEHICLE SCHEDULING PROGRAM EXTENDED (DOS AND DOS/VS) PROGRAM PRODUCT  
 FUNCTIONAL DESCRIPTION - PROG PROD 5736-XM3  
 SH19-2608 IBM VEHICLE SCHEDULING PROGRAM - EXTENDED (DOS) OPERATIONS MANUAL, PROGRAM  
 NUMBER 5736-XM3  
 GH12-6007 IBM VEHICLE SCHEDULING PROGRAM - EXTENDED (OS AND OS/VS) VERSION 1, MODIFICATION  
 LEVEL 2 FUNCTIONAL DESCRIPTION PROG PROD 5734-XM5  
 LY19-2001 IBM VEHICLE SCHEDULING PROGRAM -- EXTENDED (OS AND DOS) PROGRAM LOGIC MANUAL,  
 VOLUME I, NARRATIVE PROGRAM NUMBERS 5734-XM5 (OS), 5736-XM3 (DOS)  
 LYA9-2007 IBM VEHICLE SCHEDULING PROGRAM--EXTENDED (OS) PROGRAM LOGIC MANUAL, VOLUME III  
 PROGRAM LISTINGS - MICROFICHE, PROGRAM NUMBER 5734-XM5  
 LYA9-2008 IBM VEHICLE SCHEDULING PROGRAM -- EXTENDED (DOS) PROGRAM LOGIC MANUAL, VOLUME  
 III PROGRAM LISTINGS - MICROFICHE PROG. NO. 5736-XM3

79. Cross-Industry (see also 80-83 for selections)

\*\*SH20-2668 FUNDAMENTAL ACCOUNTING PRINCIPLES, IUP 5796-PQY, DESCRIPTION/OPERATIONS  
 \*\*G320-6671 FUNDAMENTALS ACCOUNTING PRINCIPLES COURSEWARE, IUP 5796-PQY, RELEASE NOTICE  
 \*\*GB11-5688 ACCOUNTING TABLES, IFP 5785-LAL, NOTICE  
 \*\*SB11-5689 ACCOUNTING TABLES, IFP 5785-LAL, DESCRIPTION/OPERATIONS  
 GB21-1392 ACCOUNTS PAYABLE FOR SYSTEM/370 DOS/VS, FDP 5798-CAC NOTICE  
 SB21-1393 ACCOUNTS PAYABLE FOR S/370 - FDP 5798-CAC, DESCRIPTION/OPERATIONS  
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 GB21-9900 ACCOUNTS PAYABLE SYSTEM FOR SYSTEM/370 DOS/VS (5798-CAC) REPORT BROCHURE  
 GB21-1395 ACCOUNTS RECEIVABLE SYSTEM - S/370 DOS/VS - FDP 5798-CAE, NOTICE  
 SB21-1396 ACCOUNTS RECEIVABLE SYSTEM - S/370 DOS/VS - FDP 5798-CAE, DESCRIPTION/OPERATIONS  
 LB21-1397 ACCOUNTS RECEIVABLE SYSTEM - S/370 DOS/VS - FDP 5798-CAE, SYSTEMS GUIDE  
 SH20-1869 INSTRUCTOR'S GUIDE FOR SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD  
 SH20-1870 STUDENT GUIDE AND WORKBOOK FOR SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP  
 5796-ALD  
 SH20-1871 SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD, DESCRIPTION OPERATIONS  
 G320-5707 SELECTED TOPICS IN ALGEBRA & CALCULUS - IUP 5796-ALD, NOTICE  
 SH20-2053 ANATOMY AND PHYSIOLOGY, IUP 5796-AQX, DESCRIPTION/OPERATION  
 G320-5818 ANATOMY & PHYSIOLOGY, IUP 5796-AQX, NOTICE  
 \*\*SH20-2619 APL GRAPHPAK FULL SCREEN INTERFACE, IUP 5796-PPH, DESCRIPTION/OPERATIONS  
 \*\*G320-6642 APL GRAPHPAK FULL SCREEN INTERFACE, IUP 5796-PPH, NOTICE  
 \*\*GB21-2914 INTERFACING APL-BASED PRODUCTS, FDP 5798-DHN, NOTICE  
 GH20-1188 ALPHA SEARCH INQUIRY SYSTEM, GENERAL INFORMATION MANUAL (PROGRAM NUMBER  
 5736-N14)  
 SH20-1405 ALPHA SEARCH INQUIRY SYSTEM PROGRAM REFERENCE MANUAL PROG. PROD. 5736-N14  
 SH20-1406 ALPHA SEARCH INQUIRY SYSTEM OPERATIONS GUIDE PROG. PROD. 5736-N14  
 GH20-5004 ALPHA SEARCH INQUIRY SYSTEM, LIC PROG 5736-N14, FUNCTIONAL DESCRIPTION  
 LY20-0859 ALPHA SEARCH INQUIRY SYSTEM, LIC PROG 5736-N14, LOGIC  
 GB21-0987 ALPHA SEARCH INQUIRY SYSTEM/IMS INTERFACE, FDP 5798-AWB, NOTICE  
 SB21-0988 ALPHA SEARCH INQUIRY SYSTEM/IMS INTERFACE, FDP 5798-AWB, DESCRIPTION/OPERATIONS  
 LB21-0989 ALPHA SEARCH INQUIRY SYSTEM/IMS INTERFACE - FDP 5798-AWB SYSTEMS GUIDE  
 GB21-1677 ALPHA SEARCH INQUIRY SYSTEM/ONLINE UPDATE - FDP 5798-CFJ, NOTICE  
 SB21-1678 ALPHA SEARCH INQUIRY SYSTEM/ONLINE UPDATE - FDP 5798-CFJ, DESCRIPTION/OPERATIONS  
 GB21-1501 ALPHA SEARCH INQUIRY SYSTEM/M.T.C.S. INTERFACE, FDP 5798-CDK NOTICE  
 GB21-2402 EXTENDED AUTHOR TRAINING FOR THE INTERACTIVE INSTRUCTIONAL SYSTEM, FDP 5798-CYQ,  
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 SB21-2403 EXTENDED AUTHOR TRAINING FOR THE INTERACTIVE INSTRUCTIONAL SYSTEM, FDP 5798-CYQ,  
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 SB21-2404 EXTENDED AUTHOR TRAINING FOR THE INTERACTIVE INSTRUCTIONAL SYSTEM, FDP 5798-CYQ,  
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 GB11-5377 BASIC GRAPHIC SUPPORT SYSTEM SYSTEM/370 3277 GRAPHICS ATTACHMENT, IFP 5785-DCK,  
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 SB11-5378 BASIC GRAPHIC SUPPORT SYSTEM, IFP 5785-DCK, DESCRIPTION/OPERATIONS, PROGRAM  
 NUMBER 5785-DCK  
 LB11-5379 BASIC GRAPHIC SUPPORT SYSTEM, IFP 5785-DCK, LOGIC  
 \*\*SH20-2650 BASIC GRAPHIC SUPPORT SYSTEM, IUP 5785-DCK DESCRIPTION/OPERATIONS  
 \*\*LY20-9066 BASIC GRAPHIC SUPPORT SYSTEM, IUP 5785-DCK, LOGIC  
 GB11-5374 BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR - SYSTEM/370 3277 GRAPHICS  
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 SB11-5375 BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR, IFP DESCRIPTION/OPERATIONS  
 LB11-5376 BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR PROGRAM, IFP 5785-DCJ, LOGIC  
 \*\*SH20-2651 BASIC INTERACTIVE GRAPHICS APPLICATION MONITOR, IUP 5785-DCJ  
 DESCRIPTION/OPERATIONS  
 \*\*LY20-9067 BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR, IUP 5785-DCJ, LOGIC  
 \*\*G320-6659 GRAPHIC INTERACTIVE APPLICATION MONITOR, IUP 5785-DCJ, -DCK, RELEASE NOTICE  
 GH12-5227 CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED (CAPOSS-E), LIC PROG  
 5740 M41 RELEASE 1 MODIFICATION 3, SPECIFICATIONS  
 SH12-5517 CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED LIC PROG 5740-M41,  
 OS/VS OPERATIONS GUIDE.  
 GH20-4527 CAPOSS-E REL 1.0, LIC PROG 5740-M41 (OS/VS), SPECIFICATIONS  
 GH12-5228 CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED (CAPOSS-E), LIC PROG  
 5746-M41, SPECIFICATIONS  
 SH12-5518 CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED LIC PROG 5746-M41,  
 DOS/VS OPERATIONS GUIDE  
 GH20-4530 CAPOSS-E REL 1.0, LIC PROG 5746-M41 (DOS/VS), SPECIFICATIONS  
 \*\*GH12-5119 CAPACITY PLANNING & OPERATION SEQUENCING SYSTEM-EXTENDED LIC PROG 5740-M41,  
 5746-M41, GENERAL INFORMATION  
 SH12-5313 CAPOSS-E IMPLEMENTATION GUIDE - PROG PROD 5740-M41, 5746-M41

SH12-5422 CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED PLANNING SYSTEM, LIC  
 PROG 5740-M41, 5746-M41, PROGRAM REFERENCE MANUAL VOLUME I

SH12-5423 CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED DATA BASE SYSTEM, LIC  
 PROG 5740-M41, 5746-M41, PROGRAM REFERENCE VOLUME II

LY12-5023 CAPOSS-E LOGIC, VOLUME I: PLANNING SYSTEM, PROG PROD 5740-M41 (OS/V S) 5746-M41  
 (DOS/V S)

LY12-5024 CAPOSS-E LOGIC VOL 2, DATA BASE SYSTEM PROG PROD 5740-M41 (OS/V S), 5746-M41  
 (DOS/V S)

\*\*GB11-5694 USER TRAINING FOR THE CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5779-EAN, NOTICE  
 GB21-2532 CONVERSATIONAL MONITOR SYSTEM (CMS) FUNDAMENTALS, FDP 5798-DBB NOTICE  
 SB21-2533 CONVERSATIONAL MONITOR SYSTEM (CMS) FUNDAMENTALS, FDP 5798-DBB, COURSE  
 DESCRIPTION/ADMINISTRATION

SB21-2534 CONVERSATION MONITOR SYSTEM (CMS) FUNDAMENTALS, FDP 5798-DBB, STUDENT MATERIALS  
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\*\*GB21-2855 CONVERSATIONAL MONITOR SYSTEM FUNDAMENTALS II CMS FUNDAMENTALS II, FDP 5798-DGJ,  
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\*\*SB21-2856 CONVERSATIONAL MONITOR SYSTEM FUNDAMENTALS II, FDP 5798-DGJ, COURSE  
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\*\*SB21-2857 CONVERSATIONAL MONITOR SYSTEM FUNDAMENTALS II, FDP 5798-DGJ, STUDENT MATERIALS  
 GB21-1930 COBOL INTERACTIVE DEBUG TRAINING COURSE FDP 5798-CKX, NOTICE  
 SB21-1931 COBOL INTERACTIVE DEBUG TRAINING COURSE - FDP 5798-CKX, COURSE  
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SB21-1932 COBOL INTERACTIVE DEBUG TRAINING COURSE - FDP 5798-CKX STUDENT MATERIALS MANUAL  
 \*\*SB21-2826 COBOL INTERACTIVE DEBUG TRAINING COURSE II, FDP 5798-DFZ, COURSE  
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\*\*SB21-2827 COBOL INTERACTIVE DEBUG TRAINING COURSE II, FDP 5798-DFZ, STUDENT MATERIALS  
 SH20-1657 INTRODUCING THE COMPUTER, IUP 5796-PDX, COURSE DESCRIPTION/ ADMINISTRATION  
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SH20-1724 INTRODUCING THE COMPUTER, IUP 5796-PBX  
 G320-5536 INTRODUCING THE COMPUTER, IUP 5796-PDX, NOTICE  
 SH20-1714 3270 INTRODUCTION TO COMPUTING  
 \*\*SH20-1771 3270 INTRODUCTION TO COMPUTERS QUIZ  
 SH20-1365 COMPUTER GENERATED CORRESPONDENCE, IUP 5796-AER, DESCRIPTION/OPERATION  
 G320-8094 COMPUTER GENERATED CORRESPONDENCE, IUP 5796-AER NOTICE

\*\*GH12-5138 COPICS ONLINE ROUTING, LIC PROG 5746-XY1, 5740-XYX, GENERAL INFORMATION  
 \*\*GH12-5252 COPICS ONLINE ROUTING, LIC PROG 5746-XY1, 5740-XYX, SPECIFICATIONS  
 \*\*SH12-5338 COPICS ONLINE ROUTING, LIC PROG 5746-XY1, 5740-XYX, USERS GUIDE  
 \*\*LY12-5040 COPICS ONLINE ROUTING, LIC PROG 5746-XY1 AND 5740-XYX, LOGIC  
 SH20-1925 COURSE DESCRIPTION/ADMINISTRATION MANUAL: THE COUNSELING PROCESS, IUP 5796-PJD,  
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G320-5739 THE COUNSELING PROCESS, IUP 5796-PJD, NOTICE  
 GH19-1008 SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL & PL/I:  
 APPLICATION MANUAL, PROG. PROD. 5734-XR2

SH19-1009 SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I  
 PROGRAM DESCRIPTION MANUAL - PROGRAM PRODUCT 5734-XR2

SH19-1010 SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I  
 OPERATION MANUAL - PROGRAM NUMBER 5734-XR2

LY19-1004 SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I,  
 SYSTEM MANUAL PROGRAM NUMBER 5734-XR2

GH19-1074 IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR PL/I AND COBOL - GENERAL  
 INFORMATION - PROG. PRODS. 5746-XR2 (DOS/V S), 5740-XR4 (OS/V S)  
 GH19-1076 S/370 DECISION TABLE TRANSLATOR DOS/V S (DECTAT), LIC PROG 5746-XR2,  
 SPECIFICATIONS

SH19-1077 IBM SYSTEM/370 DECISION TABLE TRANSLATOR DOS/V S (DECTAT) REFERENCE - PROG. NO.  
 5746-XR2

SH19-1078 IBM SYSTEM/370 DECISION TABLE TRANSLATOR DOS/V S (DECTAT) OPERATIONS GUIDE -  
 PROG. NO. 5746-XR2

SH19-1101 IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) OS/V S PL/I AND COBOL - PROG.  
 PROD. 5740-XR4, REFERENCE

SH19-1102 DECTAT OS/V S - DECISION TABLE TRANSLATOR FOR PL/I AND COBOL, PROG PROD 5740-XR4,  
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GH19-1155 SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) OS/V S FOR PL/I AND COBOL, LIC PROG  
 5740-XR4, FUNCTIONAL DESCRIPTION

LY19-1015 IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) DOS/V S FOR PL/I AND COBOL  
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LY19-1026 IBM SYSTEM/370 OS/V S DECISION TABLE TRANSLATION (DECTAT) FOR PL/I AND COBOL  
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SH20-2055 DELEGATION - A MANAGEMENT TRAINING COURSE IUP 5796-AQY,  
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\*\*GB11-5579 A DEPARTMENTAL REPORTING SYSTEM II TRAINING, IFP 5779-CAA, INTERACTIVE  
 INSTRUCTIONAL PRESENTATION SYSTEM, NOTICE

SB11-5580 A DEPARTMENTAL REPORTING SYSTEM II TRAINING, IFP 5779-CAM, STUDENT TEXT  
 GB21-2780 A DEPARTMENTAL REPORTING SYSTEM II TRAINING, FDP 5798-DFC, NOTICE  
 \*\*SB21-2781 A DEPARTMENTAL REPORTING SYSTEM II TRAINING, FDP 5798-DFC, COURSE  
 DESCRIPTION/ADMINISTRATION

\*\*SB21-2782 A DEPARTMENTAL REPORTING SYSTEM II TRAINING, 5798-DFC, STUDENT MATERIALS  
 \*\*GH20-5508 DIGITAL INTERACTIVE GRAPHICS FOR INTERPRETIVE MAPPING, LIC PROG 5668-959,  
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GB21-1665 DL/I ADVANCED PROGRAMMING COURSE, FDP 5798-CFC, NOTICE  
 SB21-1666 DL/I ADVANCED PROGRAMMING COURSE - FDP 5798-CFC COURSE  
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SB21-1667 DL/I ADVANCED PROGRAMMING COURSE - FDP 5798-CFC STUDENT MATERIALS  
 GB21-1416 DL/I BASIC PROGRAMMING COURSE - FDP 5798-CBA, NOTICE

SB21-1417 DL/I BASIC PROGRAMMING COURSE - FDP 5798-CBA, COURSE DESCRIPTION/ADMINISTRATION  
 SB21-1418 DL/I BASIC PROGRAMMING COURSE - FDP 5798-CBA, STUDENT MATERIAL  
 GB21-2515 DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS BASIC APPLICATION PROGRAMMING, FDP  
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 SB21-2516 DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS BASIC APPLICATION PROGRAMMING, FDP  
 5798-DAP, DESCRIPTION/OPERATIONS  
 SB21-2517 DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS BASIC APPLICATION PROGRAMMING, FDP  
 5798-DAP, STUDENT MATERIALS  
 \*\*GB11-5695 DOCUMENT COMPOSITION FACILITY TRAINING, IFP 5779-EAP, NOTICE  
 SH20-6130 DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE, COURSE  
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 SH20-6131 DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE STUDENT MATERIALS  
 G320-6331 DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE, NOTICE (CURRENT  
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 SH19-1097 MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MSPX/370), LIC PROG 5740-XM3 (OS/VS), OPERATIONS GUIDE  
 SH19-1098 IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) OPERATIONS GUIDE (DOS/VS) LIC PROG 5746-XM2  
 SH19-1127 IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) BASIC REFERENCE MANUAL PROG PROD 5740-XM3 (OS/VS) - 5746-XM2 (DOS/VS)  
 SH19-1147 IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 INTRODUCTION TO THE EXTENDED CONTROL LANGUAGE, LIC PROG 5740-XM3 (OS/VS) 5746-XM2 (DOS/VS)  
 GH20-4560 MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MSPX/370) MIXED INTEGER PROGRAM/370 (MIP/370), LIC PROG 5740-XM3, 5746-XM2, SPECIFICATIONS  
 GH19-5012 MATRIX GENERATOR & REPORT WRITER, LIC PROG 5734-XMC, GENERAL INFORMATION  
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 GH19-5041 IBM SYSTEM/360 AND SYSTEM/370 MATRIX GENERATOR AND REPORT WRITER (MGRW) PROGRAM NO. 5734-XMC SPECIFICATIONS  
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 SH12-5403 MATRIX SYSTEM (MATSYS) (OS AND TSO) - PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-XM7  
 SH12-5505 SYSTEM/360 AND SYSTEM/370 MATRIX SYSTEM (MATSYS) (OS AND TSO) - OPERATIONS MANUAL - PROGRAM PRODUCT 5734-XM7  
 GB11-5389 IBM VS APL - APLSV MULTIVARIATE DATA ANALYSIS PROGRAM, IFP 5787-FAE, -FAF, NOTICE  
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 SB11-5391 MULTIVARIATE DATA ANALYSIS PROGRAM, IFP 5787-FAF, -FAE, END USER'S GUIDE  
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 GB11-5261 NUMERICAL GEOMETRY SYSTEM, IFP 5785-EAH, -EAJ, -EAN, NOTICE  
 SB11-5262 SYSTEM/370 - NUMERICAL GEOMETRY PROGRAM DESCRIPTION/OPERATIONS BASIC, 5785-EAH ADVANCED, PROG 5785-EAJ, APT-AC BRIDGE, 5785-EAN  
 LB11-5263 SYSTEM/370 NUMERICAL GEOMETRY SYSTEM, SYSTEMS GUIDE, BASIC PROG 5785-EAH, ADVANCED PROG 5785-EAJ, APT-AC BRIDGE PROG 5785-EAN, INTERNATIONAL FIELD PROGRAM  
 SB11-5314 SYSTEM/370 NUMERICAL GEOMETRY SYSTEM USER'S GUIDE - BASIC PROG 5785-EAH, ADVANCED PROG 5785-EAJ, APT-AC BRIDGE PROG 5785-EAN - INTERNATIONAL  
 GB21-2608 NUMERICAL GEOMETRY SYSTEM: APT-AC BRIDGE, FDP 5785-EAN, ADVANCED, FDP 5785-EAJ, BASIC, FDP 5785-EAH, NOTICES  
 SB21-2609 NUMERICAL GEOMETRY SYSTEM: APT-AC BRIDGE, FDP 5785-EAN, ADVANCED, FDP 5785-EAJ, BASIC, FDP 5785-EAH, DESCRIPTION/OPERATIONS

SB21-2610 NUMERICAL GEOMETRY SYSTEM: APT-AC BRIDGE, FDP 5785-EAN, ADVANCED, FDP 5785-EAJ,  
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 NUMBER 5734-XM3  
 SH20-0985 PROCEDURE LIBRARY - MATHEMATICS (PL-MATH) PROGRAM DESCRIPTION MANUAL, PROGRAM  
 NUMBER 5734-XM3  
 SH20-0988 PROCEDURE LIBRARY - MATHEMATICS (PL-MATH) OPERATIONS MANUAL, PROGRAM NUMBER  
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 GH20-4424 PROCEDURE LIBRARY - MATHEMATICS (PL-MATH), FUNCTIONAL DESCRIPTION - PROG. PROD.  
 5734-XM3  
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 \*\*GB11-5711 PURE INTEGER PROGRAMMING/EXECUTOR, IFP 5785-GBX, NOTICE  
 \*\*SB11-5712 PURE INTEGER PROGRAMMING/EXECUTOR, IFP 5785-GBX, DESCRIPTION/OPERATIONS  
 \*\*GB21-2867 THREE DIMENSIONAL PRESENTATION GRAPHICS FACILITY/MATRIX MATH EDITOR, FDP  
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 \*\*SB21-2868 THREE DIMENSIONAL GRAPHICS FACILITY/MATRIX MATH EDITOR, FDP 5798-DGP,  
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GB11-5085 APL CONTINUOUS SYSTEM MODELING: DEFINITION AND EXECUTION OF DIGITAL MODELS FOR  
 CONTINUOUS SYSTEMS, IFP 5785-DAE, -KAF  
 SB11-5086 IBM SYSTEM/370 APL CONTINUOUS SYSTEM MODELING PROGRAM, DESCRIPTION AND  
 OPERATIONS, INTERNATIONAL FIELD PROGRAMS 5785-KAE, 5785-KAF  
 SB11-5087 S/370 APL CONTINUOUS SYSTEM MODELING PROGRAM, IFP 5785-KAE, -KAF, USER'S GUIDE  
 SH20-2115 APL CONTINUOUS SYSTEM MODELLING PROGRAM, IUP 5785-KAE DESCRIPTION/OPERATIONS  
 GX20-2335 CONTINUOUS SYSTEM MODELLING PROGRAM FOR VSAPL (APL-CSMP) FDP 5784-KAE, QUICK  
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 G320-6081 APL CONTINUOUS SYSTEM MODELING PROGRAM (APL-CSMP). 5785-KAE, NOTICE  
 SH20-1942 APL GPSS FOR APLSV (5796-PJF), APL GPSS FOR VS APL (5796-PJG), IUP  
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 GX20-2002 APL GPSS FOR APLSV (5796-PJF) APL GPSS FOR VS APL (5796-PJG) REFERENCE CARD  
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 LY20-2298 APL GPSS FOR VS APL, IUP 5796-PJG, SYSTEM GUIDE  
 G320-5745 APL GPSS, IUP 5796-PJF, -PJG, NOTICE  
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 SB21-2329 BTS - TPNS, FDP 5798-CXJ, DESCRIPTION/OPERATIONS  
 GH19-7000 CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III) GRAPHIC FEATURE, LIC PROG  
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 SH19-7004 CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III), LIC PROG 5734-XS9, GRAPHIC  
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 GH20-4435 CONTINUOUS SYSTEM MODELING PROGRAM (CSMP III), FUNCTIONAL DESCRIPTION - PROGRAM  
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 5734-XS9, FEATURE NUMBER 8143  
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 \*\*GB21-2898 COST/BENEFIT MODELING AID, FDP 5798-DHE, AVAILABILITY NOTICE  
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 GH20-0825 GENERAL PURPOSE SIMULATION SYSTEM V (OS) APPLICATION DESCRIPTION MANUAL PROGRAM  
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 NUMBER 5734-XS2  
 GH20-4624 GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS), LIC PROG 5734-XS2,  
 FUNCTIONAL DESCRIPTION  
 LY20-0596 GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS) SYSTEM MANUAL, PROG. NO.  
 5734-XS2, FEATURE NO. 8046  
 GH20-0826 GENERAL PURPOSE SIMULATION SYSTEM V (DOS) APPLICATION DESCRIPTION MANUAL,  
 PROGRAM NUMBER 5736-XS3  
 SH20-0868 GENERAL PURPOSE SIMULATION SYSTEM V-DOS/VS OPERATIONS MANUAL, PROGRAM NUMBER  
 5736-XS3  
 GH20-4625 GENERAL PURPOSE SIMULATION SYSTEM V-DOS/VS (GPSS V-DOS/VS), LIC PROG 5736-XS3,  
 FUNCTIONAL DESCRIPTION  
 LY20-0602 GENERAL PURPOSE SIMULATION SYSTEM V - DOS SYSTEM MANUAL, PROG. PROD. 5736-XS3,  
 FEATURE NO: 8101  
 SH20-0851 GENERAL PURPOSE SIMULATION SYSTEM V USER'S MANUAL, PROG. NOS. 5734-XS2 (OS) AND  
 5736-XS3 (DOS)  
 SH20-0866 GENERAL PURPOSE SIMULATION SYSTEM V INTRODUCTORY USER'S MANUAL, PROG. NOS.  
 5734-XS2 (OS) AND 5736-XS3 (DOS)  
 GX20-1828 GENERAL PURPOSE SIMULATION SYSTEM V REFERENCE SUMMARY: BLOCK STATEMENT FORMATS,  
 LIC PROG 5734-XS2 (OS), 5736-XS3 (DOS)  
 GX20-1829 GENERAL PURPOSE SIMULATION SYSTEM V REFERENCE SUMMARY: CON- TROL STATEMENT  
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G320-6398 PL/I GENERAL PURPOSE SIMULATION SYSTEM, IUP 5796-PNN NOTICE  
\*\*GG22-9246 TPNS VERSION 2 RELEASE 1 FUNCTIONS  
GH19-6023 TELEPROCESSING NETWORK SIMULATOR (TPNS) - RELEASE 30, LIC PROG 5740-XT4, DESIGN OBJECTIVES

SH20-1823 TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 REFERENCE  
SH20-1824 TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 BASE LANGUAGE GUIDE  
SH20-1825 TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 ADVANCED LANGUAGE GUIDE

GH20-1907 TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 GENERAL INFORMATION  
SH20-2418 TELEPROCESSING NETWORK SIMULATOR, RELEASE 5.0 USER'S GUIDE  
GH20-4554 TPNS, LIC PROG 5740-XT4, SPECIFICATIONS  
GH20-4586 TELEPROCESSING NETWORK SIMULATOR DESIGN OBJECTIVES, 5740-XT4  
GH20-5287 MULTIPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 SPECIFICATIONS  
GX20-2327 TELEPROCESSING NETWORK SIMULATOR RELEASE 5.0, LIC PROG 5740-XT4, REFERENCE SUMMARY

LYB0-2322 TELEPROCESSING NETWORK SIMULATOR SOURCE LISTINGS, PROG PROD 5740-XT4  
LY20-2259 TELEPROCESSING NETWORK SIMULATOR (TPNS) LOGIC PROG 5740-XT4  
GH20-2487 TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5662-262 GENERAL INFORMATION  
SH20-2488 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, PROGRAM REFERENCE  
SH20-2489 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, LANGUAGE REFERENCE  
SH20-2490 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, USER'S GUIDE  
GH20-5323 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, SPECIFICATIONS  
GX20-2390 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, REFERENCE SUMMARY  
LYB0-2521 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, SOURCE LISTINGS  
LY20-2520 TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, LOGIC  
SH20-2340 DISPLAY MONITOR FOR TELEPROCESSING NETWORK SIMULATOR, IUP 5796-AXN, DESCRIPTION/OPERATIONS

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GB21-2239 TPNS LOG FORMAT, FDP 5798-CTX, NOTICE  
SB21-2240 TPNS LOG FORMAT, FDP 5798-CTX, DESCRIPTION/OPERATIONS  
GB21-2106 TPNS SCRIPT GENERATOR, FDP 5798-CPZ, AVAILABILITY NOTICE  
SB21-2107 TPNS SCRIPT GENERATOR, FDP 5798-CPZ, DESCRIPTION/OPERATIONS

## Part 2. Abstracts

- GA11-8624  
3872 UC PROBLEM DETERMINATION PROCEDURES RPQ Y98426, Y96610  
 This publication is written for the control operator who may be responsible for the operation of the 3600 system having 3872 UC in the loops.  
 Problem Determination Procedures saves valuable time by allowing the operator or other responsible people to resolve a problem or to help determine whether IBM or another supplier is responsible for resolving a problem.  
 Manual, 8 1/2 x 11 inches, 26 pgs, 9/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA11-8626  
3872 UC USER'S GUIDE SUPPLEMENT: REMOTE LOOP 2400 BPS CCITT-V24 INTERFACE RPQ'S Y98426, Y96610  
 This manual is an addendum to the IBM 3872 Modem User's Guide, GA27-3058.  
 It only gives the supplementary information to the user. Problem determination and equalization information is contained in IBM 3872 UC Problem Determination, GA11-8624, and the Theory, Maintenance, Installation and Parts Catalog, SY12-8735.  
 Manual, 8 1/2 x 11 inches, 14 pgs, 9/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA18-2083  
7486 DISPLAY TERMINAL DESCRIPTION  
 This publication provides system analysts/planners, programmers, system engineers, and installation personnel with detailed reference material relating to the IBM 7486 Display Terminal.  
 Manual, 8 1/2 x 11 inches, 66 pages, 8/81  
 //09/7486/
- GA19-0111  
3790 COMMUNICATION SYSTEM CONFIGURATOR INCLUDING 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM AMERICAS/FAR EAST AND EUROPE/MIDDLE EAST/AFRICA  
 Provides information to help a prospective customer to configure:  
 • A 3790 Communication System with configuration support feature 9431, 9165, or 9169 from the following components (not all components are available for all configuration supports): 3791 Controller, 2741 Communications Terminals, 3277 and 3278 Display Stations, 3276 Control Unit Display Stations, 3284, 3286, 3287, and 3288 Printers, 3410/3411 Magnetic Tape Units, 3792 Auxiliary Control Units, and 3793 Keyboard-Printers.  
 A 3730 Distributed Office Communication System with configuration support feature 9171 from the following components: 3791 Controller, 3732 Text Display Stations, 3736 Printers, and (if required) certain of the 3790 system components.  
 Includes summaries of features for each component, and configuration guidelines.  
 Manual, 8 1/2 x 11 inches, 120 pages, 10/78  
 //00/3790,3791,3730,3732//WT-ONLY
- GA19-5033  
3600 FINANCE COMMUNICATION SYSTEM OPERATING GUIDE FOR CUSTOM FEATURES RPQS 7H0237, 7H0246, 7H0247, and 7H0248  
 This manual provides supplementary information which is to be inserted in IBM 3600 Finance Communication System: Operating Guide, GA27-2898, where the system incorporates custom features RPQ 7H0237, RPQ 7H0246, RPQ 7H0247, and RPQ 7H0248.  
 Manual, 8 1/2 x 11 inches, 22 pages, 02/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5035  
3790 EXPANDED DISK STORAGE RPQS 7H0225 AND 7H0226 REFERENCE MANUAL  
 This publication contains information on the operation and physical planning of the IBM 3790 Communication System/Expanded Disk Storage, RPQS 7H0225 and 7H0226.  
 The publication consists of the following sections:  
 "Introduction" - a brief description of the system; "Control Operator's Information" - basic information on SYS/DISK (912) and SYSCOPI (931) control operator functions; "Appendix A. Physical Planning Information" - including dimensions and service areas. It also includes a list of abbreviations.  
 Manual, 8 1/2 x 11 inches, 14 pages, 3/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5054  
3600 FINANCE COMMUNICATION SYSTEM 3619 ADMINISTRATIVE TERMINAL PRINTER MODELS A01, B01, B02 & B03 RPQ REFERENCE  
 This publication describes the IBM 3619 (Models A01, B01, B02, B03) Administrative Terminal Printer, a fast, versatile matrix printer for the IBM 3600 Finance Communications System. This manual is directed to customer executives, systems analysts and programmers already familiar with System/370 data processing and with the IBM 3600 Finance Communications System.  
 This publication summarizes the hardware and software components of the IBM 3619 Administrative Terminal Printer which comprises RPQs.  
 Manual, 8 1/2 x 11 inches, 100 pages, 1/80  
 //14/3619//WT-ONLY
- GA19-5056  
3600/4700 FINANCE COMMUNICATION SYSTEM, 3620 PASSBOOK/FORMS PRINTER MODEL B01 RPQ 7B0461, MODEL B02 RPQ 7B0462, MODEL B03 RPQ 7B0463 REFERENCE MANUAL  
 This manual describes the IBM 3620 Passbook/Forms Printer Models B01, B02, and B03, a fast matrix printer for the IBM 3600/4700 Finance Communication System. It includes description of the functional and operating characteristics, optional features, programming considerations and all other information necessary to enable readers to understand, order, program, and operate the printer as part of the IBM Finance Communication System.  
 This publication is directed to customer executives, system analysts and programmers already familiar with System/370 data processing and with the IBM 3600/4700 Finance Communication System.  
 Manual, 8 1/2 x 11 inches, 120 pages, 4/82  
 //14/3620//WT-ONLY
- GA19-5058  
3660 SUPERMARKET SYSTEMS: 3663 MODELS 1 & 2 SUPERMARKET TERMINAL 12 COLUMN COIN DISPENSER ADAPTERS RPQS 7B0435, 7B04 SCANNING SYSTEM OPERATIONS GUIDE SUPPLEMENT  
 This Scanning System Operations Guide Supplement supports the RPQs for the Coin Dispenser Adapters on the IBM 3663 Supermarket Terminal Models. This supplement should be inserted at the rear of the IBM 3660 Supermarket Systems: Scanning Systems Operations Guide, GA27-3090.  
 Manual, 2 pages 6/76  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5062  
3600 FINANCE COMMUNICATION SYSTEM: 3614 MODELS 2 & 12 WITHOUT BASESTAND, RPQ X88775, INSTALLATION MANUAL - PHYSICAL PLANNING SUPPLEMENT  
 This Installation Manual-Physical Planning Supplement supports the RPQ for the 3614 Models 2 and 12 without basestand on the IBM 3600 Finance Communication System, includes floor planning and cabling information. This supplement should be inserted at the rear of the IBM 3600 Finance Communication System, Installation Manual - Physical Planning, GA27-2766.  
 Manual, 8 1/2 x 11 inches, 6 pages, 8/76  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5063  
3600 FINANCE COMMUNICATION SYSTEM: 5914 DOCUMENT INSCRIBER USER'S GUIDE  
 This book tells you how to use the IBM 5914 Document Inscrubber. The book tells you  
 o how to use the Document Inscrubber to inscribe (that is, print on) a document  
 o how to recognize that a document is printed correctly,  
 o and how to perform simple jobs to keep the Document Inscrubber working correctly.  
 The book does not tell you how to operate the IBM 3604 Keyboard Display. For this information, refer to: 3600 Finance Communication System Unit Operating Procedures, GA23-0001; 3600 Finance Communication System Problem Recovery Procedures, GA23-0002; 3600 Finance Communication System Operating Reference, GA27-2898  
 You do not need any previous knowledge of, or experience in using, a Document Inscrubber to understand this book.  
 Manual, 8 1/2 x 11 inches, 26 pages, 1/80  
 //14/5914//WT-ONLY
- GA19-5070  
3600 FINANCE COMMUNICATION SYSTEM: 5986-B03 DOCUMENT INSCRIBER, ADAPTER RPQ 7B0414, OPERATING GUIDE SUPPLEMENT  
 This Operating Guide Supplement supports the RPQ for the Document Inscrubber Adapter on the IBM 3600 Finance Communication System. Use this supplement in conjunction with 3600 Finance Communication System Unit Operating Procedures, GA23-0001; 3600 Finance Communication System Problem Recovery Procedures, GA23-0002; 3600 Finance Communication System Operating Reference, GA27-2898  
 Manual, 8 1/2 x 11 inches, 4 pgs, 12/76  
 //14/5986//WT-ONLY
- GA19-5072  
3600 FINANCE COMMUNICATION SYSTEM: HOST SUPPORT MOVE INVERSE, RPQ 7B0192, CONFIGURATOR SUPPLEMENT  
 This Configurator Supplement supports the RPQ for the Move Inverse at the IBM 3601/02 Finance Communication Controller.  
 Flyer, 8 1/2 x 11 inches, 4 pages, 01/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5073  
3600 FINANCE COMMUNICATION SYSTEM: HOST SUPPORT BACKWARD DISPLAY, RPQ 7B0412, CONFIGURATOR SUPPLEMENT  
 This Configurator Supplement supports the RPQ for the

Backward Display at the IBM 3601/02 Finance Communication Controller. This supplement should be inserted at the rear of the IBM 3600 Finance Communication System, Configurator, GA19-2762.  
Flyer, 8 1/2 x 11 inches, 2 pages, 01/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5074

3650 RETAIL STORE SYSTEM WITH PTT MANDATORY MODEM INTERFACE, RPQ 7B0201, PROBLEM DETERMINATION PROCEDURES AND OPERATOR MESSAGES SUPPLEMENT

This supplement provides problem determination procedures and operator messages for use with the IBM 3650 Retail Store System supplied with the mandatory modem on the remote loop. It is written primarily for retail store personnel, who are responsible for opening and closing the system and for using problem determination procedures, in a specific store. It is also intended for store training staffs, host computer programmers, IBM service representatives, and installation teams. It is assumed that all users of this manual have a knowledge of IBM 3650 Retail Store System operating procedures.

This supplement contains problem determination procedures to be used by retail store personnel to identify the location of a problem and to determine whether IBM or another supplier is responsible resolving the problem.  
Manual, 8 1/2 x 11 inches, 38 pages, 6/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5075

3660 SUPERMARKET SYSTEM: SCANNING SYSTEM LARGER PRICE DESCRIPTION RECORD FILE, RPQ X64075, INTRODUCTION SUPPLEMENT

This Scanning system Introduction supplement supports the RPQ for the Larger Price Description record file on the IBM 3660 Supermarket Systems. It contains a description of the function, processing, and prerequisites affecting the system. This supplement should be inserted at the rear of the IBM 3660 Supermarket Systems: Scanning System, Introduction, GA27-3076.

Manual, 8 1/2 x 11 inches, 2 pgs, 12/76  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5076

3600 FINANCE COMMUNICATION SYSTEM: 5986-B03 DOCUMENT INSCRIBER ADAPTER, RPQ 7B0413 & 7B0414, OPERATING GUIDE SUPPLEMENT

This Operating Guide Supplement supports the RPQ for the Document Inscrubber Adapter (7B0414) on the IBM 3600 Finance Communication System, gives a 5914 Support (RPQ 7B0413) at the 3601/3602 Finance Communication Controller. Use this supplement in conjunction with 3600 Finance Communication System Unit Operating Procedures, GA23-0001; 3600 Finance Communication System Problem Recovery Procedures, GA23-0002; 3600 Finance Communication System Operating Reference, GA27-2898.

Manual 8 1/2 x 11 inches, 14 pages, 2/80  
//14/5986,5914//WT-ONLY

GA19-5077

IBM 3600 FINANCE COMMUNICATION SYSTEM 3619 ADMINISTRATIVE TERMINAL PRINTER MODELS A07, B01, B02, AND B03, OPERATING GUIDE

This manual is written mainly for the terminal operator who is working with the IBM 3619 Administrative Terminal Printer.

It is based on the IBM 3600 Finance Communication Operating Guide, where the basic handling of the 3600 System is described and gives supplementary information regarding the IBM 3619 Administrative Terminal Printer. Note: It is assumed that all users of this manual have read the Introduction Manual Introducing the IBM 3600 Finance Communication System, GA27-2764, for starting up and closing down the 3600 System.

Manual, 8 1/2 x 11 inches, 62 pages, 1/80  
//14/3619//WT-ONLY

GA19-5078

3600 FINANCE COMMUNICATION SYSTEM, MULTIPLE LANGUAGE DISPLAY RPQ 7B0040 FOR 3614 CONSUMER TRANSACTION FACILITY REFERENCE MANUAL, LIC PROG 5799-WKF DOS/VS, 5799-WJZ OS/VS

This publication introduces the application programmer, system programmer, and system analyst to the 3614 customization macro instructions which were changed or added to support the Multiple Language Display RPQ 7B0040 (Prerequisite RPQ 7B0039). It provides information for the operator to start language transaction tests to simulate customer transactions.

The publication is divided into four sections and five appendices:

- o INTRODUCTION informs on Component Description, Customized Characters, and Application Program Requirements
- o CUSTOMIZATION MACROS INSTRUCTIONS required to run Multiple Language Display application
- o PROGRAMMING INSTALLATION gives sample Job Control Languages (JCL) for OS/VS and DOS/VS and catalogs the macros in an RPQ Library in addition to the 3600 macro library
- o OPERATOR HINTS tell the operator how to start a

transaction test

- o Appendix A shows the position of the language identification on the American Banking Association (ABA) card
  - o Appendix B shows the language identification assignments
  - o Appendix C shows the storage requirements in the 3614
  - o Appendix D provides diagnostic messages for Multiple Language Display in addition to the 3614 messages
  - o Appendix E gives a summary of status bits
- Manual, 8 1/2 x 11 inches, 38 pgs, 04/77  
////5799-WKF,5799-WJZ//WT-ONLY

GA19-5079

3600 FINANCE COMMUNICATION SYSTEM: 5926-B03 OPTICAL SCANNER RPQS 7B0215 & 7B0184, REFERENCE MANUAL

The IBM 5926-B03 Optical Scanner is a hand-held device for reading printed bar-coded data. It is designed for attachment to various display stations. This manual describes the attachment to the IBM 3600 Finance Communication System.

This publication provides information for customers and IBM personnel concerned in operating, programming, and physical planning for 5926-B03 Optical Scanners. Readers should be familiar with the basic principles of the 3600 Finance Communication System.

INTRODUCTION: This section briefly describes the optical scanner, its operation, and the production of printed bar codes suitable for scanning.

OPERATING PROCEDURE: This section describes how an operator uses the optical scanner to read bar-coded data, and how the data is transmitted to a data processing system.

PROGRAMMING CONSIDERATIONS AND CODE INFORMATION: This section describes the programming support, data codes, and error checking involved in scanning and transmitting bar-coded data.

PREPARATION OF BAR CODES: This section lists the allowed dimension of bar codes, describes the ways that data can be arranged on a document, and describes how the IBM 3619 Administrative Terminal Printer can be programmed to print bar codes.

PAPER AND PRINT QUALITY REQUIREMENTS: This section gives requirements and recommendations for setting up a printer and selecting the correct paper for producing printed bar codes suitable for optical scanning.

5926-B03 CHARACTERISTICS AND INSTALLATION PLANNING INFORMATION: This section lists the physical and the required environmental characteristics of the optical scanner.

Manual, 8 1/2 x 11 inches, 54 pgs, 6/77  
//14/5926//WT-ONLY

GA19-5080

3600 FINANCE COMMUNICATION SYSTEM: SECURITY GRID INSTALLATION MANUAL, PHYSICAL PLANNING SUPPLEMENT

This Installation Manual-Physical Planning Supplement supports the Security Grids (Penetration Grids) on the IBM 3614 Models 2 and 12.

Please place this World Trade supplement at the rear of the IBM 3600 Finance Communication System, Installation Manual Physical Planning, GA27-2766, for ease of reference. Supplement, 8 1/2 x 11 inches, 2 pgs, 5/77

SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5081

3650 RETAIL STORE SYSTEM-SALES OPERATION GUIDE FOR WORLD TRADE RETAIL FUNCTIONS-3653 POINT OF SALE TERMINAL, RPQ 7B0350, LIC PROG 5799-WJR (OS/VS), 5799-WJB (DOS/VS)

This guide provides operating and reference information for the IBM 3653 Retail Point of Sale Terminal supplied with the World Trade Retail Functions (RPQ 7B0350). It contains a general introduction how to record sales transactions with the World Trade Retail Functions at the IBM 3653 Retail Point of Sale Terminal. The guide is written for two different audiences: the store training staff and the point of sale terminal operator.

The training staff is assumed to have considerable experience in IBM 3650 Retail Store System operations, and to have read the prerequisite publications for this guide.

The point of sale terminal operators are assumed to have some knowledge of, or experience in using, a point of sale terminal.

Manual, 8 1/2 x 11 inches, 28 pgs, 04/77  
////5799-WJR,5799-WJB//WT-ONLY

GA19-5082

3650 RETAIL STORE SYSTEM-ADMINISTRATIVE OPERATIONS GUIDE WORLD TRADE RETAIL FUNCTIONS, RPQ 7B0239 & 7B0350, LIC PROG 5799-WJR (OS/VS), 5799-WJB (DOS/VS)

This guide is written primarily for use by the retail store training staff in developing a unique operating guide, tailored to a particular store's application of the 3650 retail store system generated with the following RPQs:

- RPQ 7B0239, World Trade RPQ Subsystem Support Service (SSS) Enhancement
- RPQ 7B0350, World Trade Retail Functions (IBM 3651 and 3653)

The manual is divided into four sections:

- CHAPTER 1 describes the handling and the World Trade Retail Functions that are available via the IBM 3653 Retail Point of Sale Terminal
- CHAPTER 2 describes the handling and the World Trade Retail Functions that are available via the IBM 3275 Display Station

CHAPTER 3 describes the Big Ticket File that is accessible by the World Trade Retail Functions  
 CHAPTER 4 shows the locations of the World Trade Retail Functions keybuttons within the 3653 keyboard.  
 Manual, 8 1/2 x 11 inches, 14 pgs, 04/77  
 ///5799-WJR,5799-WJB/WT-ONLY

////5799-AYR/WT-ONLY

GA19-5094

3650 RETAIL STORE SYSTEM-SALES OPERATION GUIDE FOR CASH & CARRY RELEASE 3.1 & 3.2, 3653 POINT OF SALES TERMINAL RPQS 7B0234, 7B0238 & 7B0241

This guide provides operating and reference information for the IBM 3653 Point of Sale Terminal supplied with the CASH and CARRY RPQ functions (RPQs 7B0234 to 7B0238, 7B0241). It contains a general introduction how to record CASH and CARRY sales transactions at the point of sale terminal. The guide is written for two different audiences: the CASH and CARRY store training staff and the point of sale terminal operator.

The CASH and CARRY training staff is assumed to have considerable experience in standard retail store operations, and to have read the prerequisite publications for this guide.

The point of sale terminal operators are assumed to have some knowledge of CASH and CARRY store operations, but no previous knowledge of, or experience in using, a point of sale terminal.

Manual, 8 1/2 x 11 inches, 50 pages, 8/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5083

3600 FINANCE COMMUNICATION S/3620 PASSBOOK/FORMS PRINTER MODELS B01, B02 & B03, OPERATING GUIDE

This manual is written mainly for the terminal operator who is working with the 3620 Passbook/Forms Printer. It is based on the 3600 Finance Communication Operating System: Operating Reference Manual, GA27-2898; Unit Operating Procedures, GA23-0001; Problem Recovery Procedures, GA23-0002. These manuals describe the basic handling of the 3600 System. It is assumed that all users of this manual have read the manual, Introducing the 3600 Finance Communication System, GA27-2764.

Manual, 8 1/2 x 11 inches, 50 pages, 10/80  
 ///14/3620//WT-ONLY

GA19-5085

1255/1270 MICR/OCR READER/SORTER RPQ 7B0268 ATTACHMENT TO THE 3602 FINANCE COMMUNICATION CONTROLLER REFERENCE MANUAL

This book describes the special functions of the IBM 3602 Finance Communication System Controller needed to control an IBM 1255 or 1270 reader/sorter attached to the 3602. The writing of controller application instructions for reader/sorter control and for pocket selection and provides reference information for application programmers and system programmers.

Manual, 8 1/2 x 11 inches, 162 pages, 01/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5095

3650 RETAIL STORE SYSTEM ADMINISTRATIVE OPERATIONS GUIDE CASH AND CARRY RPQ 7B0240 - PROG 5799-WJR (OS/VS), 5799-WJB (DOS/VS) RELEASE 3.1 AND 3.2

This publication is applied to all IBM 3650 Retail Store Systems at Release 3.1 and 3.2, which are generated with the following Cash and Carry RPQs:

- RPQ 7B0239, Cash and Carry Subsystem Support Service (SSS) Enhancement
- RPQ 7B0240, Cash and Carry Functions (IBM 3651)
- RPQs 7B0234 through 7B0238 and 7B0241 Cash and Carry Hardware Nomenclature (IBM 3653)
- RPQs 7B0242 through 7B0244, Optional Wand Reader and Cable RPQs.

Manual, 8 1/2 x 11 inches, 18 pages, 8/78  
 ///5799-WJR,5799-WJB/WT-ONLY

GA19-5086

1255/1270 MICR/OCR READER/SORTER RPQ 7B0268 ATTACHMENT TO THE 3602 FINANCE COMMUNICATION CONTROLLER OPERATING GUIDE

This manual is written mainly for the system operator who is working with the IBM 1255/1270 magnetic character (MICR) optical character (OCR) reader/sorter.

It is based on the IBM 3600 Finance Communication System Operating Guide, GA27-2776 where the basic handling of the 3600 system is described.

NOTE: It is assumed that all users of this manual have read the manual introducing the IBM 3600 Finance Communication System, GA27-2764 for starting up and closing down the 3600 system and the IBM 3600 Financial.

Manual, 8 1/2 x 11 inches, 36 pages, 01/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5097

5922 DOCUMENT READER MODEL S01 USER'S GUIDE

This publication provides detailed information describing the 5922 Document Reader Model S01 and how it is used on the 3600 or 4700 Finance Communication System. The information given in this manual includes configuration guidelines, installation planning and site preparation guidelines, operating controls and procedures, application programming information, and problem determination and recovery procedures. Thus this manual contains all necessary information for system analysts and programmers, user personnel responsible for preparing the site prior to the installation of the 5922 terminal, as well as supervisors responsible for the correct function and use of the terminal once it has been installed.

Manual, 8 1/2 x 11 inches, 110 pages, 6/82  
 ///14/5922/

GA19-5091

3650 RETAIL STORE SYSTEM WORLD TRADE FUNCTION PACKAGE 2 RPQ 7B0351 FUNCTIONAL CHARACTERISTICS

This manual is written for retail store personnel at management, administrative, systems, and programmer levels. It describes the following RPQs which are implemented in the IBM 3650 Retail Store System: RPQ 7B0323 Extended nonvolatile totals and RPQ 7B0320 Switched line remote loop.

In addition, interconnections with the 3650 system are shown. The Retail Store personnel should have basic knowledge of the IBM 3650 Retail Store System as prerequisite for the handling with the RPQs mentioned above.

Manual, 8 1/2 x 11 inches, 62 pages, 1/81  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5098

3600 FINANCE COMMUNICATION SYSTEM BACKWARD DISPLAY RPQ 7B0412 OPERATING GUIDE SUPPLEMENT

This supplement supports the RPQ for Backward Display at the 3601/02 Finance Communication Controller. Use this supplement in conjunction with 3600 Finance Communication System Unit Operating Procedures, GA23-0001; 3600 Finance Communication System Problem Recovery Procedures, GA23-0002; 3600 Finance Communication System Operating Reference, GA27-2898.

Manual, 8 1/2 x 11 inches, 6 pages, 01/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5092

3650 RETAIL STORE SYSTEM SWITCHED LINE REMOTE LOOP RPQ 7B0320 PROBLEM DETERMINATION PROCEDURES AND OPERATOR MESSAGES SUPPLEMENT

This supplement provides problem determination procedures and operator messages for use with the IBM 3650 Retail Store System supplied with the Switched Line Remote Loop (RPQ 7B0320). It is written primarily for retail store personnel, who are responsible for opening and closing the system and for using problem determination procedures, in a specific store. It is also intended for store training staffs, host computer programmers, IBM service representatives, and installation teams. It is assumed that all users of this manual have a knowledge of IBM 3650 Retail Store System operating procedures.

Manual, 8 1/2 x 11 inches, 52 pages, 1/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5099

3843 LOOP CONTROL UNIT, OPERATOR'S GUIDE

This manual tells how to operate the IBM 3843 Loop Control Unit. Included in this manual are directions for normal operation as well as procedures to help determine whether the 3843 is working correctly.

The information in this manual is intended primarily for the 3843 operator. However, it is also intended for persons who will write user operating procedures and train operator personnel, and for IBM customer engineers.

Although knowledge of data processing or data communications is not necessary, it is assumed that the reader is familiar with the user's remote loop and normal operation of equipment on the loop. The reader may also find it helpful to read the component description manuals for the modem and the subsystem controller to which the IBM 3843 is connected.

Manual, 8 1/2 x 11 inches, 40 pages, 7/78  
 ///09/3843/

GA19-5093

3650 PROGRAMMABLE STORE SYSTEM OEM/IBM DEVICE ADAPTER FUNCTIONAL CHARACTERISTICS, LIC PROG 5799-AYR

This manual is written for all IBM 3650 Programmable Store Systems that provide the attachment of an OEM/IBM device by RPQ 7B0545 or 7B0546 to a 3663-P03 control segment.

It contains all necessary information to program and operate the 3663-P03 with that attachment.

For the definition of the configuration at the Host System see: IBM 3650 PSS Host Support Subsystem Generation Guide, SH19-6166.

The IBM 3663-P03 with OEM/IBM Device Adapter fulfills the requirement to attach devices to the 3650 Programmable Store System which have an asynchronous serial interface. Such devices are provided by IBM or by other manufacturers.

Manual, 8 1/2 x 11 inches, 52 pages, 12/79

GA19-5150

3600 FINANCE COMMUNICATION SYSTEM 3411 MAGNETIC TAPE ATTACHMENT RPQ 7B0080 OPERATING GUIDE

This manual is written for control operators responsible for the operations of an IBM 3600 Finance Communication System equipped with an IBM 3411 magnetic tape subsystem.

The manual describes the operator handling related to the IBM 3411 magnetic tape subsystem.



Manual, 8 1/2 x 11 inches, 30 pages, 01/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5151

3600 FINANCE COMMUNICATION SYSTEM 3411 MAGNETIC TAPE ATTACHMENT RPQ 7B0080 RPQ REFERENCE MANUAL  
This book describes the special functions of an IBM 3602 finance communication system for attachment of an IBM 3411 magnetic tape unit. The information contained herein comprises both programmer's guide material and instructions and macro reference information. Also offered are topics on configuring the IBM 3602 with IBM 3411 attached and on planning the physical installation of such a system.  
In this way, this book contains all necessary information for application programmer, system analysts or system programmers, as well as customer personnel.  
Manual, 8 1/2 x 11 inches, 50 pages, 01/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5152

3600 FINANCE COMMUNICATION SYSTEM 3602 DISK STORAGE EXTENSION RPQ 7B0082, 7B0083, 7B0084 AND 7B0085 RPQ REFERENCE MANUAL  
This book describes the special functions of an IBM 3602 finance communication system equipped with extended disk storage capacity. The information contained herein comprises both, programmer's guide material and instructions and macro reference information. Also offered are topics on configuring the IBM 3602 with extended disk storage and on planning the physical installation of such a system. An appendix contains disk file error recovery procedures to be used by the system operator.  
In this way, this book contains all necessary information for system analysts, programmers and operators, as well as customer personnel responsible for site preparation prior to installation of an IBM 3602 with extended disk storage.  
Readers of this book are expected to be familiar with all of the standard functions of an IBM 3600 finance communication system.  
Manual, 8 1/2 x 11 inches, 110 pages, 01/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5153

3600 FINANCE COMMUNICATION SYSTEM 3601/3602 FINANCE COMMUNICATION CONTROLLER DISPATCH AND FORMAT INSTRUCTION GUIDE RPQ XB6775  
This document is intended to be an addendum to the IBM 3600 Finance Communication System Introductions and Macro Reference Manual, GC27-0003, which is prerequisite reading.  
Manual, 8 1/2 x 11 inches, 22 pages, 11/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5154

3650 PROGRAMMABLE STORE SYSTEM OPERATIONS GUIDE - CASH AND CARRY RPQ 7B0360  
This publication is applied to all IBM PSS store systems at release 3.0, which are generated with the following cash and carry RPQs:  
• RPQ 7B0328, Cash and Carry Host Services  
• RPQ 7B0360, Cash and Carry Functions  
• RPQ 7B0234, through 7B0238 and 7B0241 Cash and Carry Hardware Nomenclature (IBM 3653)  
• RPQ 7B0242, through 7B0244, Optional Wand Reader and Cable RPQs  
This publication describes the handling and cash and carry functions that are available via the IBM 3653 retail point of sale terminal (RPOST) and the IBM 3275 display station and shows the locations of the cash and carry keybuttons within the 3653 keyboard.  
Manual, 8 1/2 x 11 inches, 18 pages, 2/81  
////5799-WTB,5799-WTD/WT-ONLY

GA19-5155

3650 PROGRAMMABLE STORE SYSTEM RETAIL SERVICES OPERATIONS GUIDE FOR CASH AND CARRY RPQ 7B0360  
This guide provides operating and reference information for the IBM 3653 Point of Sale Terminal supplied with the Cash and Carry RPQ functions (RPQs 7B0234 to 7B0238, 7B0241). It contains a general introduction how to record Cash and Carry sales transactions at the point of sale terminal. The guide is written for two different audiences: the Cash and Carry store training staff and the point of sale terminal operator.  
The Cash and Carry training staff is assumed to have considerable experience in standard retail store operations, and to have read the prerequisite publications for this guide.  
The point of sale terminal operators are assumed to have some knowledge of Cash and Carry store operations, but no previous knowledge of, or experience in using, a point of sale terminal.  
Manual, 8 1/2 x 11 inches, 50 pages, 8/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5157

3650 RETAIL STORE SYSTEM, LOWERED 3653 KEYBOARD RPQ 7S0228 AND RPQ 7S0229 OR 7S0230, INSTALLATION MANUAL - PHYSICAL PLANNING  
This publication supplements information in the IBM 3650 Retail Store System Installation Manual - Physical Planning

manual, GA27-3074. It provides retail store personnel with physical planning information on the IBM 3653 Models 1 or P01 Point of Sale Terminal with the Lowered 3653 Keyboard RPQ.  
Manual, 8 1/2 x 11 inches, 8 pages, 12/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5158

3621 STATEMENT PRINTER REFERENCE  
This publication describes the IBM 3621 Self-service Statement Printer, a fast matrix printer for the IBM 3600 Finance Communication System. It is directed to customer executives, system analysts and programmers who are already familiar with the IBM System/370 Data Processing and with the IBM Finance Communication System.  
Manual, 8 1/2 x 11 inches, 88 pages, 2/81  
//14/3621/WT-ONLY

GA19-5159

3650 RETAIL STORE SYSTEM ADMINISTRATIVE OPERATIONS GUIDE WORLD TRADE RETAIL FUNCTIONS RPQs 7B0239 AND 7B0353  
This guide is written primarily for use by the retail store training staff in developing a unique operating guide, tailored to a particular store's application of the 3650 retail store system generated with the following RPQs:  
• RPQ 7B0239, World Trade RPQ Subsystem Support Service (SSS) Enhancement  
RPQ 7B0353, World Trade Retail Functions (IBM 3651 and 3653).  
Manual, 8 1/2 x 11 inches, 14 pages, 8/82  
////5799-WJR,5799-WJB/WT-ONLY

GA19-5160

3650 RETAIL STORE SYSTEM INTRODUCTION TO WORLD TRADE RETAIL FUNCTIONS RPQs 7B0239, 7B0353  
This manual is written for retail store personnel at management, administrative, systems, and programmer levels. It introduces the World Trade Retail Functions which are implemented in the 3650 Retail Store System and shows interconnections with the 3650 system functions.  
The retail store personnel should have basic knowledge of IBM 3650 Retail Store System as prerequisite for the handling with the World Trade Retail Functions.  
Manual, 8 1/2 x 11 inches, 18 pages, 8/82  
////5799-WJB,5799-WJR/WT-ONLY

GA19-5161

3650 RETAIL STORE SYSTEM SALES OPERATION GUIDE FOR WORLD TRADE RETAIL FUNCTIONS 3653 POINT OF SALE TERMINAL  
This guide provides operating and reference information for the IBM 3653 Retail Point of Sale Terminal supplied with the World Trade Retail Functions (RPQ 7B0353). It contains a general introduction how to record sales transactions with the World Trade Retail Functions at the IBM 3653 Retail Point of Sale Terminal. The guide is written for two different audiences: the store training staff and the point of sale terminal operator.  
The training staff is assumed to have considerable experience in IBM 3650 Retail Store System operations, and to have read the prerequisite publications for this guide.  
Manual, 8 1/2 x 11 inches, 28 pages, 8/82  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5162

3650 RETAIL STORE SYSTEM WORLD TRADE FUNCTION PACKAGE 5 FUNCTIONAL CHARACTERISTICS  
This manual is written for retail store personnel at management, administrative, and programmer levels. It describes the following RPQs which are implemented in the 3650 Retail Store System:  
• RPQ XC4398 Line Indicators on Arithmetic Rules  
• RPQ XC5012 Inhibit Input of Fee  
• RPQ 7B0383 Bit Ticket Extension  
• Quick Fix 149 Print Subtotal before Deposit  
• RPQ XD2169 No Price Lookup or Price Override of Void or Return  
• RPQ XC4397 Department Totals  
• XC6397 Ticketing Checkpoint default change  
• RPQ KD0172 Modif. 7B0383 BT function (Remove '1 Item Only' on BT Sale)  
• RPQ XE1305 Big Ticket Credit Transactions  
In addition interconnections with the 3650 System are shown.  
The retail store personnel should have basic knowledge of the IBM 3650 Retail Store System as prerequisite for handling with the RPQs mentioned above.  
Manual, 8 1/2 x 11 inches, 22 pages, 8/82  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5163

IBM 3650 RETAIL STORE SYSTEM HALFPENCE SUPPRESSION RPQ ZB8032 FUNCTIONAL CHARACTERISTICS  
This manual is written for retail store personnel at management, administrative, systems, and programmer levels. It describes the RPQ ZB8032 Halfpence Suppression which is implemented in the IBM 3650 Retail Store System. The retail store personnel should have basic knowledge of IBM 3650 Retail Store System as prerequisite for the handling with the RPQ mentioned above.  
Manual, 8 1/2 x 11 inches, 12 pages, 11/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

- GA19-5164  
3650 RETAIL STORE SYSTEM EL CORTE INGLES FUNCTION PACKAGE  
RPQ 7B0352 FUNCTIONAL CHARACTERISTICS  
 This manual is written for retail store personnel at management, administrative, systems, and programmer levels. It describes the RPQ 7B0352 El Corte Ingles Function Package which is implemented in the IBM 3650 Retail Store System. The retail store personnel should have basic knowledge of IBM 3650 Retail Store System as prerequisite for the handling with RPQs mentioned above.  
 Manual, 8 1/2 x 11 inches, 14 pages, 11/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5165  
3650 RETAIL STORE SYSTEM WORLD TRADE FUNCTION PACKAGE 4  
RPQ 7B0353 FUNCTIONAL CHARACTERISTICS RELEASE 3.2  
 This manual is written for retail store personnel at management, administrative, and programmer levels. It describes the following RPQs which are implemented in the 3650 Retail Store System:  
 RPQ 7B0322 Currency Conversion Function  
 RPQ 7B0440 OEM Coin Dispenser Attachment  
 RPQ 7B0304 Bypass Original Salesperson  
 RPQ 7B0326 Print Suppress  
 Manual, 8 1/2 x 11 inches, 20 pages, 10/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5166  
IBM 3650 RETAIL STORE SYSTEM SWITCHED LINE REMOTE LOOP  
RPQ 7B0320 FUNCTIONAL CHARACTERISTICS  
 The manual is written for retail store personnel at management, administrative, systems, and programmer levels. It describes the RPQ 7B0320 Line Remote Loop which is implemented in the IBM 3650 Retail Store System.  
 In addition interconnections with the 3650 System are shown.  
 The retail store personnel should have basic knowledge of IBM 3650 Retail Store System as prerequisite for the handling with the RPQs mentioned above.  
 Manual, 8 1/2 x 11 inches, 20 pages, 11/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5168  
INTRODUCING THE AUTOMATIC DOCUMENT INSERTION DEVICE ON THE  
3287 PRINTER, RPQS 7S0251 AND 7S0252  
 This publication is intended to introduce the Automatic Document Insertion Device, a product specifically designed for use with the 3287 Printer Models 1, 2, 11, and 12, to prospective users and others seeking an introduction to it.  
 Manual, 8 1/2 x 11 inches, 20 pages, 1/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5174  
3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM USER'S GUIDE FOR  
EAN AND UPC SCANNER ADAPTER RPQ 7S0250  
 This publication provides information for user and IBM personnel concerned in operating, programming, and installation planning for the EAN and UPC Scanner Adapter used in the 3660 system.  
 Manual, 8 1/2 x 11 inches, 14 pages, 5/79  
 //14/3666,3669//WT-ONLY
- GA19-5175  
AN INTRODUCTION TO THE IBM 5922 DOCUMENT READER MODEL S11  
 This manual provides introductory information about the IBM 5922 Document Reader Model S11, a product specifically designed for financial institutions and for use with the IBM 3600 Finance Communication System or the IBM 3270 Information Display System, or the IBM 8100 Information System.  
 This publication, directed to customer and IBM personnel, gives general information on what the 5922 is, what it does, how it works, and how to use it. Furthermore, it contains information on document requirements, configuration guidelines, and programming.  
 Manual, 8 1/2 x 11 inches, 42 pages, 2/80  
 //14/5922/
- GA19-5176  
3645 PRINTER DOUBLE SIZE CHARACTERS RPQ UB8281 USER'S GUIDE  
 This publication provides information specific to the Double Size Characters custom feature available for the IBM 3645 Printer. It is intended primarily for application programmers and operators of the 3645 printer used in the IBM 3630 Plant Communication System.  
 Manual, 8 1/2 x 11 inches, 8 pages, 7/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5178  
5922 DOCUMENT READER MODEL S11 COMPONENT DESCRIPTION  
 This publication contains information about the IBM 5922 Document Reader Model S11 and how it is used in the IBM 3600 Finance Communication System, IBM 3270 Information Display System, and IBM 8100 Information System.  
 Directed primarily to programmers, this manual provides detailed information necessary in the writing of application programs for the 5922 terminal.  
 Manual, 8 1/2 x 11 inches, 84 pages, 10/80  
 //14/5922//WT-ONLY
- GA19-5180  
5922 DOCUMENT READER MODEL S11 OPERATING GUIDE  
 This publication describes the operating procedures for the IBM 5922 Document Reader Model S11. It is intended primarily for those who operate the 5922. This guide explains all the 5922 features and their functions, and describes the terminal's controls, switches, and indicator lights. It also contains problem determination procedures, relocation setup instructions, and instructions on how to connect the 5922 to the system.  
 For application programming information, refer to 5922 Document Reader Model S11 Component Description, GA19-5178.  
 Manual, 8 1/2 x 11 inches, 96 pages, 7/80
- GA19-5185  
3600/4700 FINANCE COMMUNICATION SYSTEM, 3621 STATEMENT  
PRINTER MODELS B01, B02, AND B03 OPERATOR'S GUIDE  
 This manual is written for the terminal operator who is working with the IBM 3621 Statement Printer.  
 Manual, 8 1/2 x 11 inches, 54 pages, 7/82  
 //14/3621//WT-ONLY
- GA19-5186  
3621 STATEMENT PRINTER MODEL B01, B02 AND B03 INSTALLATION  
MANUAL AND PHYSICAL PLANNING  
 This publication contains information about physical installation of an 3621 Statement Printer. It includes information about space requirements and site selection, a proposed planning schedule, and a brief description of the printer units and their layouts (floor plans), with explanations of electrical and environmental requirements.  
 Manual, 8 1/2 x 11 inches, 16 pages, 1/81
- GA19-5187  
5922 DOCUMENT READER MODEL S11 SITE PREPARATION GUIDE  
 This guide is for those concerned with planning and preparing the user's premises for the IBM 5922 Document Reader Model S11. It provides information to help the user prepare for the setup of the 5922 when it arrives.  
 Manual, 8 1/2 x 11 inches, 22 pages, 6/80  
 //14/5922//WT-ONLY
- GA19-5192  
5906-B01 SELF SERVICE BANKING TERMINAL RPQ ZB8533 REFERENCE  
 This book describes the characteristics, programming and installation procedure for the IBM 5906-B01 Self Service Banking Terminal. The information contained herein comprises both Programmers Guide material and Instruction and Macros Reference information. Also included are topics on installing and operating the terminal.  
 In this way, this reference manual contains all the necessary information for system analysts and programmers, customer personnel responsible for site preparation prior to installation of the 5906 as well as for supervising its correct function and use once it has been installed.  
 No attempt is made to duplicate information pertaining to general functions of the IBM 3600 system.  
 Manual, 8 1/2 x 11 inches, 128 pages, 05/80  
 //14/5906//WT-ONLY
- GA19-5194  
3621 STATEMENT PRINTER, PRODUCT INFORMATION FLYER  
 This flyer describes the functions and features of the IBM 3621 Statement Printer.  
 Flyer, 8 1/2 x 11 inches, 2 pages, 04/80  
 //14/3621//WT-ONLY
- GA19-5195  
3600 FINANCE COMMUNICATION SYSTEM PROGRAMMER'S INFORMATION  
FOR CUSTOM FEATURES RPQS 7B0237, 7B0246, 7B0247, and 7B0248  
 This document provides reference information for application programmers and systems programmers when custom features RPQS 7B0237, 7B0246,  
 Manual, 8 1/2 x 11 inches, 88 pages, 02/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5304  
3600 FINANCE COMMUNICATION SYSTEM 3614 CONSUMER TRANSACTION  
FACILITY REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQ XD1242  
 This publication is an attachment to the 3614 Programmer's Guide, GC66-0005 indicating the changes for RPQ XD1242 compared with the basic 3614.  
 Manual, 8 1/2 x 11 inches, 12 pages, 6/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- GA19-5306  
3621 PROBLEM REPORT  
 The Problem Report is intended for use by a customer who needs IBM assistance for solving machine problems.  
 Flyer, 8 1/2 x 11 inches, 2 pages, 2/81
- GA19-5308  
3680 PROGRAMMABLE STORE SYSTEM SECOND DISKETTE REFERENCE  
MANUAL RPQS 7B0328, 7B0329, 7B0565, 7B0668, 7B0669  
 This publication describes the IBM 3684 Terminal with an additional Second Diskette Unit (RPQ 7B0668) installed. It is directed to customer executives, system analysts and programmers who are already familiar with the IBM 3680 Programmable Store System.  
 Manual, 8 1/2 x 11 inches, 14 pages, 1/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5310

3650/3680 PROGRAMMABLE STORE SYSTEM REFERENCE MANUAL  
 One of the three Multiple Use Reader Attachments: Magnetic Slot Reader (MSR), RPQ 7B0560, Punched Hole Badge Reader (PBR), RPQ 7B0561, or Magnetic Key Lock (MKL), RPQ 7B0562, and the additional Case Receipt Cutting Device, RPQ XD4103, may be attached to a 3683/3684 terminal. These RPQs also are available for the 3650 system with the attachment of a 3683 terminal to a 3651 or 7480 loop. User programmability allows controlling their reading operation with the 3650/3680 systems to develop many new applications. This manual introduces the readers, the attachment and the programming support for these four devices. This publication provides information for customers and IBM personnel concerned in operating, programming and physical planning for each of these devices. It provides basic information to help the reader achieve a general understanding to incorporate the reader application in the 3650/3680 Programmable Store System. Readers should be familiar with the basic principles of the 3650/3680 Point of Sale Terminal System.  
 Manual, 8 1/2 x 11 inches, 48 pages, 3/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5311

PROGRAMMABLE STORE SYSTEM 3680 RPQ ENHANCED HOST SUPPORT SUBSYSTEM GENERATION GUIDE, LIC PROG 5799-WTE, -WTF  
 This manual is written for 3680 Programmable Store Systems that provide RPQ functions and describes the necessary changes and extensions to the PSS Host Support. It is a coding guide for the programmer who must define the configuration of the RPQ components in his store system. It is a coding guide for the programmer who must define the configuration of the RPQ components in his store system. Before using this manual, you must be familiar with the concepts presented in the IBM Programmable Store System, Host Support Subsystem Generation Guide, GC30-3060.  
 Manual, 8 1/2 x 11 inches, 26 pages, 3/82  
 ///5799-WTE,5799-WTF

GA19-5312

3680 SUBSYSTEM PROGRAM PREPARATION SUPPORT II RPQ ENHANCED LIC PROG 5799-WTG, PROGRAMMER'S GUIDE  
 This publication is a guide for the programmer who designs or codes programs for RPQs on the IBM 3680 Programmable Store System. It describes how to use macros for RPQs on the IBM Subsystem Program Preparation Support II (SPPS II).  
 Manual, 8 1/2 x 11 inches, 68 pages, 4/81  
 ///5799-WTG

GA19-5317

3650/3680 PROGRAMMABLE STORE SYSTEM SERIAL I/O INTERFACE REFERENCE MANUAL, RPQS 7B0122, 7B0525, 7B0526, 7B0590, 7B0328, 7B0329, 7B0564  
 The Serial I/O interface provides the capability to attach one I/O device with asynchronous interface locally to the IBM 3684-001, IBM 3684-002 or IBM 3683-001 Point of Sale Terminal. These RPQs are also available for the IBM 3650 System with the attachment of an IBM 3683 Terminal to an IBM 3651 or IBM 7480 loop. User programmability allows writing data to or reading data from the attached I/O device. This publication provides information for customers and IBM personnel concerned in operation and programming for the Serial I/O interface. It provides basic information to help the reader achieve a general understanding for the incorporation of the Serial I/O interface application into the IBM 3680 Programmable Store System. Readers should be familiar with the basic principles of the IBM 3680 Point of Sale Terminal system.  
 Manual, 8 1/2 x 11 inches, 74 pages, 4/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5327

3621 STATEMENT PRINTER PROBLEM DETERMINATION GUIDE  
 This guide is intended for operators using the 3621 Statement Printer. On the basis of yes-or-no answers to logical questions, the operator is enabled to determine whether outside assistance is required to resolve an apparent problem. In these cases, the problem area is identified. In other cases, when apparent problems are the result of procedural errors, this is quickly recognized, and the operator is advised to restart the operation.  
 Manual, 82 x 182 mm, 16 pages, 2/81

GA19-5328

3278 DISPLAY STATION INSTRUCTIONS AND MACRO REFERENCES  
 This manual provides information about customized IBM 3600/4700 macro instructions to support the 99 Key Keyboard on IBM 3278 model 2 display stations, and the influence to IBM 3600/4700 System Monitor. The macro instructions and tables in this manual are updates to the referenced IBM 3600/4700 publications.  
 Manual, 8 1/2 x 11 inches, 14 pages, 6/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5329

5922 DOCUMENT READER MODEL S04 COMPONENT DESCRIPTION AND PROGRAMMER'S GUIDE  
 This publication provides information describing the IBM 5922 Document Reader Model S04 and how it is used in the IBM 3600 or IBM 4700 Finance Communication System. It is directed primarily to the user's systems and programming

personnel.

This manual contains configuration guidelines and detailed information necessary in the writing of application programs for the 5922. It also contains information on document requirements.  
 Manual, 8 1/2 x 11 inches, 66 pages, 4/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5331

5995 CONTROLLER MOD 1 AND 2 SECOND LOOP ADAPTER, RPQ YB9266, YB9316 DC4735, REFERENCE  
 This publication supports the RPQ DC4735 Second Loop Attachment; RPQ YB9266 Prerequisite for Second Loop Attachment (Factory); and RPQ YB9316 Prerequisite for Second Loop Attachment (Field) on the IBM 5995 Controller Model 1 and 2. It is a supplement to the manual IBM 5995 Controller Model 1 and 2, GA19-5112. This manual is for financial instruction management, programmers, and installation planners. It references existing IBM 3600 Finance Communication System publications that you should be familiar with.  
 Manual, 8 1/2 x 11 inches, 12 pages, 7/81  
 //14/5995//WT-ONLY

GA19-5333

3680 PROGRAMMABLE STORE SYSTEM SECOND DISKETTE OPERATOR AND PHYSICAL PLANNING GUIDE RPQS: 7B0328, -329, -565, -668, -669  
 This publication is written mainly for operators who are working with the IBM 3684 Terminal with an additional Second Diskette Unit (RPQ 7B0668) installed.  
 Manual, 8 1/2 x 11 inches, 46 pages, 4/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5334

3624 CONSUMER TRANSACTION FACILITY REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQS: 7B0611, -612, -616, -617  
 This manual gives guidance to customers and programmers in installing this RPQ or to the MM security system on the IBM 3624 with the RPQ EC Card Recognition Device Attachment, RPQ 7B0611, 7B0612, 7B0616, and 7B0617.  
 Related Publication: IBM 3624 Consumer Transaction Facility, Operator's Guide, GA19-5336.  
 Manual, 8 1/2 x 11 inches, 20 pages, 3/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5335

3624 CONSUMER TRANSACTION FACILITY REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQ UC8268  
 This publication is a program reference manual for the IBM 3624 Consumer Transaction Facility RPQ UC8268, Face-up Card Inserting Device. It contains a description of the RPQ and the programming information required to operate a IBM 3624 with this RPQ installed.  
 Manual, 8 1/2 x 11 inches, 12 pages, 4/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5336

3624 CONSUMER TRANSACTION FACILITY OPERATOR'S GUIDE RPQS 7B0611, 7B0612, 7B0616, 7B0617  
 This publication gives supplementary information to the IBM 3624 Consumer Transaction Facility, Operator's Guide, GA66-0006 regarding the RPQ EC Card Recognition Device Attachment 7B0612, 7B0616 and 7B0617.  
 Related Publication: IBM 3624 Consumer Transaction Facility Reference Manual and Programmer's Guide, GA19-5334.  
 Manual, 8 1/2 x 11 inches, 8 pages, 3/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5348

3642 CONSUMER TRANSACTION FACILITY OPERATORS GUIDE AND PHYSICAL PLANNING  
 This manual provides a certain number of new pages to the Operator's Guide, GA66-0006 and Installation Manual Physical Planning, GA26-1658. This is due to the different size and front face layout of the IBM 3624 Model 21. All other information given in the basic documentation is applicable also for the Model 21.  
 Manual, 8 1/2 x 11 inches, 14 pages, 6/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5381

5922 DOCUMENT READER MODEL S04 SITE PREPARATION GUIDE  
 This guide is intended for those persons concerned with planning and preparing the user's premises for the 5922-S04. It provides information that will help the user prepare for the setup of the terminal when it arrives.  
 Manual, 8 1/2 x 11 inches, 22 pages, 7/81  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GA19-5383

INTRODUCTION TO THE 4723 DOCUMENT PROCESSOR  
 This manual contains introductory information about the IBM financial institutions using or intending to use the IBM 4700 or IBM 3600 Finance Communication System. This publication is for planning and evaluation purposes only. It is intended primarily for executives and data processing personnel of prospective users.  
 Manual, 8 1/2 x 11 inches, 32 pages, 3/82

//09/4723//WT-ONLY

GA21-9182

THE IBM DISKETTE: GENERAL INFORMATION MANUAL

This manual is an introduction to IBM diskettes for those people who are not familiar with diskettes but are familiar with data processing. The manual describes diskettes and provides information about handling them in a data processing environment. Also included are descriptions of the various types of diskettes and the ways in which the addresses on the diskette are formed.

In a series of appendixes, the manual provides detailed information on data exchange, data set labels and index cylinder layouts, data organization, and systems that use diskettes.

Manual, 52 pages, 8/79  
//08/3540,3601,3741,3742,3747,3776,3777,3791,3881,3890,  
4962,4964,4966,5114,5231,5265,3602,3631,3632,8101/

GA23-0001

3600 FINANCE COMMUNICATION SYSTEM UNIT OPERATING PROCEDURES

Control operators who may be responsible for the operation of the 3600 system and persons operating individual units or work stations in the system may use this publication as a guide in operating the various units assigned to them. This publication describes the operating controls and lights and the operating procedures for the 3600 controllers, keyboard/displays, printers, financial services terminals and other related units and line units.

Manual, 8 1/2 x 11 inches, 222 pages, 6/78  
//09/3600,3601,3602/

GA23-0002

3600 FINANCE COMMUNICATION SYSTEM PROBLEM RECOVERY PROCEDURES

Control operators or other persons responsible for the operation of the 3600 system would use this publication to identify and resolve a system problem, or determine if IBM or another supplier is responsible for resolving the problem.

By following the step-by-step procedures the operator may bypass a failing terminal affecting an entire loop. The rest of the loop may then be restored while waiting for the system representative to arrive.

Manual, 8 1/2 x 11 inches, 103 pgs, 6/78  
//09/3600,3601,3602/

GA23-0006

3600 FINANCE COMMUNICATION SYSTEM INTRODUCING THE 3694 DOCUMENT PROCESSOR

Introduces the 3694 Document Processor to prospective machine operators and supervisors document processing personnel, and provides examples showing how the 3694 might be used in typical operations.

Manual, 8 1/2 x 11 inches, 40 pages, 6/80  
//04/3694/

GA23-0007

3600 OFFICE COMMUNICATION SYSTEM: 3694 DOCUMENT PROCESSOR MANAGEMENT PLANNING GUIDE

This manual, written to aid in planning for an IBM 3600 Finance Communication System used for document processing, is intended primarily for bank managers and for document processing managers and administrators. It describes the IBM 3694 Document Processor and how one or more can be configured and discusses some administrative benefits and advantages of the 3694 for banks performing their own document processing operations or providing these services for others.

Manual, 8 1/2 x 11 inches, 39 pages, 3/81  
//04/3694/

GA23-0009

3600 ALTERNATIVE LINE ATTACHMENT BINARY SYNCHRONOUS COMMUNICATION FEATURE DESCRIPTION RPO 8K0704

This manual describes the Alternative Line Attachment (ALA) RPO for BSC terminals. This feature allows the attachment of terminals of the BSC Type 3 group to 3600 controllers (specifically the 3601-3 and 3602). The macros used are described and information on the installation of the feature is provided. There are two prerequisite manuals: IBM 3600 ALA General Information Manual, GA27-2856, and General Information - Binary Synchronous Communications, GA27-3004.

Manual, 8 1/2 x 11 inches, 65 pages, 9/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA23-0010

3600 ALTERNATIVE LINE ATTACHMENT START/STOP C FEATURE DESCRIPTION MANUAL RPO 8K0703

This manual describes the alternative line attachment for the Start/Stop C Feature RPO for the IBM 3600. The audience is comprised of system analysts and programmers. This feature allows the attachment of terminals of the Start/Stop C Group to the IBM 3600 Finance Communication System.

The macros used are described and information on the installation and use is included.  
Manual, 8 1/2 x 11 inches, 68 pages, 9/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA23-0016

3600 FINANCE COMMUNICATION SYSTEM CUSTOM UNIT DESCRIPTION 3601 MODELS C AND D CONTROLLERS, RPO 8K0726 AND RPO 8K0792

This manual contains information unique to the 3601 Models C and D Controllers and refers the reader to existing 3600 documentation for general controller information.  
Manual, 8 1/2 x 11 inches, 12 pages, 5/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA23-0027

3600 FINANCE COMMUNICATION SYSTEM, 3694 DOCUMENT PROCESSOR, PROGRAMMER'S GUIDE AND REFERENCE

This book describes the IBM 3694 Document Processor and explains how a user-written application program can control its operation.

This book is for people who are designing 3694 programs. Typically, these people will have job titles such as "system analyst" or "system programmer" and should have a working knowledge of assembler languages generally and the 3600 assembler language specifically.

Manual, 8 1/2 x 11 inches, 345 pages, 9/80  
//5748-F56

GA23-0034

3600 FINANCE COMMUNICATION SYSTEM 3604 MODEL 7 ADMINISTRATIVE KEYBOARD DISPLAY PLANNING AND SITE PREPARATION GUIDE

This manual is written for customers who need to plan for the physical installation of the IBM 3604 Model 7 Administrative Keyboard Display. Major topics in the manual are:

- Introduction
- Customer Responsibilities
- Site Preparation
- System Considerations
- Setup Information Form
- Planning Checklist

Manual, 8 1/2 x 11 inches, 29 pages, 5/79  
//09/3604/

GA23-0036

3600 FINANCE COMMUNICATION SYSTEM, 3604 KEYBOARD DISPLAY MODELS 5 AND 6 PLANNING AND SITE PREPARATION GUIDE

This manual is written for customers who need to plan for the physical installation of the IBM 3604 Keyboard Display Models 5 and 6. Major topics in the manual are:

- Introduction
- Customer Responsibilities
- Site Preparation
- System Considerations
- Setup Information Form
- Planning Checklist

Manual, 8 1/2 x 11 inches, 24 pages, 6/79  
//09/3604/

GA23-0037

3604 KEYBOARD DISPLAY, MODELS 5 AND 6 SETUP INSTRUCTIONS

The setup instructions will allow a customer or his designated employee, with little experience in operating the 3600 System, to install and check out the IBM 3604 Keyboard Display, Models 5 and 6 in the customer's office.

Manual, 8 1/2 x 11 inches, 12 pages, 5/79

GA23-0051

3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION 3762 PAYMENT TRANSACTION PROCESSOR INSCRIBE ONLY FEATURE (RPO 3075) RELEASE 2.8

The Inscribe Only feature enables the IBM 3762 Payment Transaction Processor to inscribe an unlimited number of checks per transaction. When not operating in Inscribe mode, the machine functions are identical with those of the basic 3762. This publication describes only the special feature; it should be read together with applicable manuals in the IBM 3790 Communication System/Data Entry Configuration system library, as listed in the IBM System/370 Bibliography of Industry Systems and Application Programs, GC20-0370.

Manual, 8 1/2 x 11 inches, 16 pages, 4/80  
//14/3762/

GA24-3203

3644 AUTOMATIC DATA UNIT - PROGRAM WORKSHEETS FOR DOS/VS (5747-CJ1) AND OS/VS (5744-CR1)

Program control worksheets for use with 3644 Programming Guide GC24-5178.

Manual, 13 pages, 9/78  
//09/3644/

GA24-3652

3630 PLANT COMMUNICATION SYSTEM SYSTEM DESCRIPTION

This manual contains information about the IBM 3630 Plant Communication System, an industrial-oriented communication system. It is intended for those persons considering purchase or involved in planning and design of a system that includes one or more 3631 or 3632 Controllers. A general knowledge of System/370 data processing and teleprocessing concepts is assumed.

This publication describes the hardware components of the 3630 Plant Communication System, which includes a controller and attached terminals. It also gives a general description of the software which supports the 3630 system. This manual is the central publication for the 3630 system

and is a prerequisite for the understanding of the other manuals.  
268 pages, 7/78  
//09/3630,3631,3632/

## GA24-3653

3644 AUTOMATIC DATA UNIT, COMPONENT DESCRIPTION  
The IBM 3644 Automatic Data Unit provides sensor communication and control capability on the IBM 3630 Plant Communication System. The 3644 contains an internal microcontroller that can be programmed to control a variety of user specified accessory cards.  
This publication contains information for engineers designing and building the connection from the 3644 to the customer devices, for customer personnel responsible for planning the customer installation, for personnel who install the 3644 and maintain the sensor cards, and customer management, programming, and operating personnel.  
Manual, 106 pages, 6/78  
//09/3644/

## GA24-3663

MAGNETIC HAND SCANNER - MAGNETIC SLOT READER REPLACEMENT PROCEDURES  
Both the IBM Magnetic Hand Scanner (MHS) and the IBM Magnetic Slot Reader (MSR) read encoded magnetic-striped documents. These two accessories differ in general appearance and method of operation, but their internal design and construction are sufficiently similar to allow a common set of procedures for problem determination and repair.  
The MHS and MSR attach to several types of IBM terminals. Each of these terminals has problem determination procedures (PDP) that should be used with this publication when isolating and repairing scanning failures.  
A plastic magnetic test stripe for isolating a failure is supplied with each terminal to which the MHS/MSR can be attached. The test stripe should be kept in the clear plastic envelope in which it is supplied, near the MHS/MSR. The PDPs for each terminal describe the use of the test stripe.  
Manual, 4 1/4 x 5 1/2 inches, 16 pages, 10/78  
//13/3641,3643,3646,3276,3278/

## GA24-3675

3630 PLANT COMMUNICATION SYSTEM INSTALLATION MANUAL PHYSICAL PLANNING  
This manual has been prepared to guide customers in planning the physical installation of terminals and controllers of the IBM 3630 Plant Communication system. To assist customers in planning physical installations at central computing sites, two other manuals are available: IBM System/370 Installation Manual Physical Planning, GC22-7004, and IBM System/370 World Trade Installation Manual Physical Planning, GC19-0004.  
Manual, 8 1/2 x 11 inches, 90 pages, 1/79  
//15/3630,3631,3632,3647/

## GA24-3678

3630 PLANT COMMUNICATION SYSTEM: CONTROLLER OPERATING GUIDE  
This manual is for system engineers, programmers, control operators responsible for the operation of the 3630 Plant Communication System, and persons operating individual units or work stations in the system.  
The manual contains operating instructions, recommended startup procedures, diskette formatting procedures, diskette creating procedures, and diskette transmitting procedures. System log messages, statistical counters, 3630 commands, and error messages are described in detail.  
The manual also contains information on component testing, controller application program modification, debug mode, disk file error recovery procedures, and problem determination procedures.  
Manual, 288 pages, 7/78  
//09/3630,3631,3632/

## GA24-3679

3641 REPORTING TERMINAL COMPONENT DESCRIPTION AND OPERATING GUIDE  
This manual contains descriptive information, operating procedures, problem determination and setup information for the 3641 Reporting Terminal. It includes related information for the 8100 Information System and the 4300 Data Processing System as well as the 3630 Plant Communication System.  
Manual, 8 1/2 x 11 inches, 124 pages, 9/81  
//09/3641/

## GA24-3680

3642 ENCODER PRINTER COMPONENT DESCRIPTION AND OPERATING GUIDE  
This manual contains descriptive information, operating procedures, problem determination, and setup information for the 3642 Encoder Printer. It includes related information for the 8100 Information System and the 4300 Data Processing System as well as the 3630 Plant Communication System.  
Manual, 8 1/2 x 11 inches, 66 pages, 9/81  
//08/3642/

## GA24-3681

3643 KEYBOARD DISPLAY COMPONENT DESCRIPTION AND OPERATING GUIDE  
This manual contains descriptive information, operating procedures, problem determination, and setup information for the 3643 Keyboard Display. It includes related information for the 8100 Information System and the 4300 Data Processing System as well as the 3630 Plant Communication System.  
Manual, 8 1/2 x 11 inches, 148 pages, 9/81  
//09/3643/

## GA24-3682

3644 AUTOMATIC DATA UNIT, OPERATING GUIDE  
This publication contains descriptive, operating, problem determination, and setup information for the IBM 3644 Automatic Data Unit used on the IBM 3630 Plant Communication System.  
The IBM 3644 Automatic Data Unit enables the user to attach a wide variety of devices and production equipment to the IBM 3630 Plant Communication System.  
This information is useful to customer and service personnel responsible for developing applications and the resulting operating procedures, problem determination, and setup of the IBM 3644.  
Manual, 56 pages, 6/78  
//09/3644/

## GA24-3683

3646 SCANNER CONTROL UNIT COMPONENT DESCRIPTION AND OPERATING GUIDE  
This manual contains descriptive and operating information, problem determination, procedures and setup information for the IBM 3646 Scanner Control Unit. This manual also contains related information for the 8100 and the 4300.  
Manual, 8 1/2 x 11 inches, 9/81  
//08/3646/

## GA24-3684

IBM 7430 DOCUMENT PRINTER, OPERATING GUIDE (RPQ 810657)  
This publication contains descriptive, operating, and problem determination information for the IBM 7430 Document Printer (RPQ 810657) used on the 3630 Plant Communication System.  
The IBM 7430 Document Printer is an output device that prints on continuous pin-feed forms.  
This information is useful to customer and service personnel responsible for developing applications and the resulting operating procedures and problem determination of the IBM 7430.  
Manual, 24 pages, 6/78  
//14/7430/

## GA24-3685

3630 PLANT COMMUNICATION SYSTEM PLANNING GUIDE  
This manual is written for customers, planners, and IBM marketing representatives who are responsible for planning the installation and/or setup of the IBM 3630 Plant Communication System.  
This manual contains planning information only. Detailed information about the functions, features, programming, installation, or problem determination of the 3630 components can be found in other documentation (see Appendix B).  
Manual, 8 1/2 x 11 inches, 17 pages, 8/79  
//09/3630,3631,3632/

## GA24-3711

3645 PRINTER COMPONENT DESCRIPTION AND OPERATING GUIDE  
This manual contains descriptive and operating information, problem determination procedures, and setup information for the 3645 Printer. It contains related information for the systems to which it can be attached. The systems are the 3630, the 8100 and the 4300.  
Manual, 8 1/2 x 11 inches, 80 pages, 9/81  
//03/3645/

## GA24-3720

3630 PLANT COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION FOR BSC3 COMMUNICATION RPQ 810659 AND 810660  
This publication contains reference and procedural information for application programmers, systems programmers, and system analysts who use the 3630 BSC3 (Binary Synchronous Communications) communication RPQ.  
Manual, 8 1/2 x 11 inches, 90 pages, 1/80  
//14/3630,3631,3632/

## GA24-3721

3630 PLANT COMMUNICATION SYSTEM INDEPENDENT RELEASE (IR2) FOR DOS/VS AND OS/VS  
Specifications provide information on the warranted functions of the licensed program.  
Flyer

## GA26-1658

3624 CONSUMER TRANSACTION FACILITY INSTALLATION MANUAL - PHYSICAL PLANNING  
This publication contains machine specifications, plan views, and other preliminary physical planning information for the IBM 3624 Consumer Transaction Facility.  
Preinstallation planning, cabling information, safety, and other installation requirements that apply to the IBM

3614 Consumer Transaction Facility also apply to the 3624. This information is presented in the IBM 3600 Finance COMMUNICATION SYSTEM INSTALLATION & PHYSICAL PLANNING GA27-2766. Manual, 8 1/2 x 11 inches, 15 pages, 9/79 //15/3624/

countered  
- Care of the 2741  
Manual, 80 pages, 3/75  
//09/3792/

## GA27-2762

3600 FINANCE COMMUNICATION SYSTEM CONFIGURATOR

This manual aids marketing personnel and the customer in planning the IBM Finance Communication System. Configuration and feature information is provided for the following IBM System units:

IBM 3601 Finance Communication Controller IBM 3604  
Keyboard Display IBM 3610 Document Printer IBM 3611  
Passbook Printer IBM 3612 Passbook and Document Printer  
IBM 3618 Administrative Line Printer

Also included are: Guidelines for planning the 3601 Controller features. A figure showing an illustrative 3600 system. Specification information and features for each unit.

Prerequisite: IBM 3600 Finance Communication System System Summary Form No. GC27-0001

Manual, 14 pages  
//00/3600,3601,3602/

## GA27-2765

3600 FINANCE COMMUNICATION SYSTEM MANAGEMENT PLANNING GUIDE

This manual familiarizes the financial institution's management with the 3600 system. It gives the reader examples of how the system will affect his operations. It also explains the planning and teamwork that will be necessary before and during installation of the system.

Manual  
//09/3600,3601,3602/

## GA27-2766

3600 FINANCE COMMUNICATION SYSTEM INSTALLATION & PHYSICAL PLANNING

This manual guides customers in planning the physical installation of the terminals and controllers of the IBM 3600 Finance Communication System in branch offices. This manual includes floor planning information, electrical and environmental requirements, and cabling information.

Systems Manual, 60 pages  
//15/3600,3601,3602/

## GA27-2768

3790 COMMUNICATION SYSTEM CONFIGURATOR INCLUDING IBM 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM (U.S.A. AND CANADA)

Provides information to help a prospective customer to configure:

- A 3790 Communication System with configuration support feature 9431, 9165, or 9169 from the following components (not all components are available for all configuration supports): 3791 Controller, 2471 Communication Terminals, 3277 and 3278 Display Stations, 3276 Control Unit Display Stations, 3284, 3286, 3287, and 3288 Printers, 3410/3411 Magnetic Tape Units, 3792 Auxiliary Control Units, and 3793 Keyboard-Printers.
- A 3730 Distributed Office Communication System with configuration support feature 9171 from the following components: 3791 Controller, 3732 Text Display Stations, 3736 Printers, and (if required) certain of the 3790 system components.

Includes summaries of features for each component, and configuration guidelines.

Manual, 8 1/2 x 11 inches, 120 pages, 10/78  
//00/3790,3791,3730,3732/

## GA27-2769

3790 COMMUNICATION SYSTEM INSTALLATION MANUAL - PHYSICAL PLANNING, INCLUDING 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM

This manual applies to all versions of the IBM 3790 Communication System (including the Data Entry Configuration), and to the IBM 3730 Distributed Office Communication System. It guides customers in planning the physical installation of the controllers and terminals of 3790 and 3730 systems. Included are scheduling information, floor-planning information, electrical and environmental requirements, and cabling information.

Manual, 8 1/2 x 11 inches, 60 pages, 10/78  
//15/3790,3791,3730,3732/

## GA27-2783

3790 COMMUNICATION SYSTEM, OPERATOR'S GUIDE FOR THE 2741 COMMUNICATIONS TERMINAL

This publication is an operator's guide for the 2741 Communications Terminal operator when the 2741 is attached to a 3790 system.

The purpose of this manual is to assist in training the 2741 operator and provide operating procedures and reference material for operation of the 2741.

- It provides information to the 2741 operator on:
- Basic operating procedures
  - Using the 2741 Training Aid
  - Problem recovery procedures when a problem is en-

## GA27-2784

3790 VERSION 5 OPERATOR'S GUIDE FOR 3793 KEYBOARD-PRINTER  
This publication is an operator's guide for the 3793 Keyboard-Printer operator when the 3793 is attached to a 3790 system.

The purpose of this manual is to assist in training the 3793 operator and provide operating procedures and reference material for operation of the 3793.

It provides information to the 3793 operator on:

- Basic Operating Procedures.
- Using the 3793 Training Aid.
- Problem recovery procedures when a problem is encountered.
- Care of the 3793.

Manual, 64 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## GA27-2785

3790 COMMUNICATION SYSTEM, OPERATOR'S GUIDE FOR THE 3277 DISPLAY STATION, VERSION 5

This publication is an operator's guide for the 3277 Display Station operator when the 3277 is attached to a 3790 system.

The purpose of this manual is to assist in training the 3277 operator and provide operating procedures and reference material for operation of the 3277.

It provides information to the 3277 operator on:

- Basic operating procedures
- Using the 3277 Training Aid
- Problem recovery procedures when a problem is encountered

Manual, 80 pages, 3/75  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## GA27-2786

3790 COMMUNICATION SYSTEM: CONTROL OPERATOR'S GUIDE, VER 5  
This publication is an operator's guide for the 3790 system control operator.

The purpose of this manual is to provide the information needed to operate a 3790 system which includes:

- Basic Operating Procedures.
- Operating Control Operator Functions.
- Problem recovery procedures when a problem is encountered.

Manual, 114 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## GA27-2789

3790 COMMUNICATION SYSTEM MESSAGES

Provides information regarding messages for persons who program or operate an IBM 3790 Communication System with Configuration Support Feature 9431, 9165, 9169, 9171; or an IBM 3730 Distributed Office Communication System. The messages appear at the 3790 or 3730 System on the 3791, 3792, or the terminal being used by the control operator or RJE operator. All of these messages begin with a 4-digit hexadecimal number. Control operator messages also can appear at the host system (Configuration Support 9169 or 9171).

The description of each message contains an expanded explanation of the message text, the resulting action of the 3790 or 3730 system, and the response required of the operator and/or programmer.

Messages beginning with identifier BQI that were previously in this book (for Assembler, PVS, and BDES) are now in DPXC/3790 Host Support Messages, GC22-9084.

This manual is a corequisite for IBM 3730 Distributed Office Communication System: System Operating Instructions, GA33-3023.

Manual, 132 pages, 6/79  
//40/3790,3791,3730,3732/

## GA27-2793

3600 FINANCE COMMUNICATION SYSTEM, 7419 REMOTE LOOP SWITCH, RPO EE7141, CUSTOM UNIT DESCRIPTION

This manual contains: Description, Operating Procedure, Physical Planning, Installation Information. The section on operating procedure is used in conjunction with 3600 Finance Communication System Unit Operating Procedures, GA23-0001; 3600 Finance Communication System Problem Recovery Procedures, GA23-0002; 3600 Finance Communication System Operating Reference, GA27-2898.

recovery procedures in the 3600 System Operating Guide, Manual

3031,3032,3138,3148,3195,3115,3033,3155,3165,3145,3135,3158,3168,3125//14/7419/

## GA27-2795

3600 FINANCE COMMUNICATION SYSTEM, CUSTOM FEATURE FOR THE 3604 KEYBOARD/DISPLAY EXPANDED ALPHANUMERIC KEYBOARD

This document provides information on how to include the expanded alphanumeric keyboard (99-key keyboard) in the 3600 subsystem. It describes the keyboard features, the effects it has on the controller application program, and the configuration procedure required to include the keyboard in the 3600 subsystem.

Manual, 5 pages, 10/75

//14/3604/

is provided.  
Manual, 10 pages, 7/76  
//14/3600,3601,3602/

## GA27-2796

3600 FINANCE COMMUNICATION SYSTEM FINANCIAL SERVICES  
TERMINALS TERMINAL INSTALLATION GUIDE

This manual is for the persons responsible for installing the Financial Services Terminals and the IBM 3603 Terminal Attachment Units. These units are part of the IBM 3600 Finance Communication System. It describes the procedures to install and check out the operation of these units.  
Manual, 50 pages, 2/76  
//09/3603,3606,3608/

## GA27-2821

3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION  
FOR THE 3610, 3611, AND 3612 (RPQ X46132)

This document describes the programmable indicators RPQ, including a description of the signal instruction which is used to turn the indicators on or off.  
Manual, 2 pages, 7/76  
//14/3610,3611,3612/

## GA27-2798

3790 COMMUNICATION SYSTEM PRINTER OPERATING GUIDE  
FOR THE 3284, 3286, 3287 AND 3288 PRINTERS

This manual was formerly published as the IBM 3790 Communication System Operator's Guide for the 3284, 3286 and 3288 Printers.

This publication is intended as a guide for persons using the 3284, 3286, 3287 and 3288 Printers in their 3790 System application. It describes the controls and indicators and explains their use. The guide also describes how to load and unload paper forms and how to replace expendable supplies.

Manual, 8 1/2 x 11 inches, 76 pgs, 1/78  
//03/3790,3791/

## GA27-2822

OPERATIONS GUIDE FOR THE IBM 3790 COMMUNICATION SYSTEM  
VERSION 6

Provides information for persons involved in the systematic operation of IBM 3790 Communication System having configuration support specify feature 9165.

This guide contains operating procedures for the IBM 3791 Controller, IBM 3792 Auxiliary Control Unit, and controller functions performed by the control operator (operator 01) at a terminal that is part of the 3790 system. System concepts and problem recovery concepts that are needed to coordinate the overall operation of the 3790 system are also described.

The guide contains the operating procedure for the remote job entry function performed by the RJE operator.

Prerequisite Publications:

- IBM 3790 System: Operator's Guide for the 3793 Keyboard-Printer - Version 6, GA27-2824-0
- IBM 3790 System: Operator's Guide for the 3277 Display Station - Version 6, GA27-2825-0
- IBM 3790 System: Operator's Guide for the 2741 Communications Terminal, GA27-2783-1
- IBM 3790 System: Operator's Guide for the 3284, 3286, and 3288 Printers, GA27-2798-1

Corequisite Publications:

- IBM 3790 System: Messages, GA27-2823-0
  - IBM 3790 System: SYSIMOD Worksheets, GX27-2992-0
  - An Introduction to the IBM 3790 Communication System Version 6, GA27-2807-0
- Manual, 8 1/2 x 11 inches, 210 pgs, 1/77  
SISS - ORDER NO. SUBSCRIPTION ONLY

## GA27-2801

3600 FINANCE COMM SYS CUSTOM FEATURE DESCRIPTION  
RPQ 8K0525, 8K0526, 8K0551, 8K0552

This document describes Loop EIA Interfaces, RPQ's 8K0525, 8K0526, 8K0551, and 8K0552. These interfaces provide the capability to connect external modems between a 3601 and 3604 in an IBM 3600 Finance Communication System remote loop.

The information in this publication supplements the information presented in the following publications:  
IBM 3600 Finance Communication System Programmer's Guide and Component Descriptions, Form No. GC27-0004.  
IBM 3600 Finance Communication System Configurator, Form No. GA27-2762.

IBM 3600 Finance Communication System Installation Manual - Physical Planning Form No. GA27-2766.  
Manual, 10 pages, 1/76  
//14/3601,3604/

## GA27-2824

3790 COMMUNICATION SYSTEM, OPERATOR'S GUIDE FOR THE 3793  
KEYBOARD-PRINTER

This operator's guide is current with Version 6 of the IBM 3790 Communication System. Its use is intended for operators of IBM 3793 Keyboard-Printers within the 3790 system. No previous experience with the terminal is assumed for the operator. Terminal controls and indicators are described, and basic operating procedures are explained. Information is given on guidance messages, operator responses, and commands that are used.

A separate chapter introduces the operator to Remote Job Entry (RJE) procedures.

A special Training Aid section enables the operator to practice with simulated operating procedures.

A list of simple problem recovery procedures is also included. For operators having no previous experience with the IBM Selectric typewriter, the following is a prerequisite publication:

IBM Selectric Typewriter Operating Instructions, G542-0047.

Manual, 8 1/2 x 11 inches, 70 pgs, 12/76  
//09/3793/

## GA27-2807

AN INTRODUCTION TO THE IBM 3790 COMMUNICATION SYSTEM

Contains introductory information about IBM 3790 Communication Systems with configuration support features 9431, 9165, and 9169 (the 3790 is an operator-oriented telecommunication system). The publication is intended for those persons involved in planning a system that includes one or more 3790 systems. This publication has no prerequisite nor corequisite publications.

functions and facilities available with configuration support 9431, 9165 and 9169. It is intended for those persons involved in planning a system that includes one or more 3790 systems. This publication has neither prerequisite nor corequisite publications. (All previous 3790 introductions are obsolete by this manual.) oriented telecommunication system. It is intended for those persons involved in planning a system that includes one or more 3790 systems. This publication has no prerequisite nor corequisite publications.

Manual, 8 1/2 x 11 inches, 10/78  
//09/3790,3791/

## GA27-2810

3600 FINANCE COMMUNICATION SYSTEM PIN PAD CUSTOM  
FEATURE DESCRIPTION RPQ 8K0578

This publication describes the Pin-Pad RPQ for the 3600 Finance Communication System. It contains all required information about the RPQ including a feature description, programming considerations, and operating information. It is intended for application programmers and operations personnel.

Manual, 30 pgs, 11/76  
//14/3600,3601,3602/

## GA27-2825

3790 COMMUNICATION SYSTEM OPERATOR'S GUIDE FOR THE  
3277 DISPLAY STATION

This operator's guide is current with version 6 of the IBM 3790 Communication System. Its use is intended for operators of IBM 3277 Display Stations within the 3790 system. No previous experience with the terminal is assumed for the operator. Terminal controls are described (including special features) and basic operating procedures are explained. Information is given on guidance messages, operator responses, and commands that are used.

A separate chapter introduces the operator to Remote Job Entry (RJE) procedures.

Differences between field-by-field and full-screen processing are also indicated.

A special Training Aid section enables the operator to practice with simulated operating procedures.

Simple problem recovery procedures are also included. There are no prerequisite publications.

MANUAL, 8 1/2 x 11 inches, self cover, 75 pages, 12/76  
//06/3790,3791/

## GA27-2811

A GUIDE TO COMMON CARRIER FACILITY SPECIFICATION FOR THE IBM  
3600 FINANCE COMMUNICATION SYSTEM

This publication provides information for defining the common carrier facilities needed to connect IBM 3600 Finance Communication System controllers with remote subloops of terminals and with network controllers.

This publication is for use by IBM personnel, IBM customers, and common carrier representatives.

Manual, 6/76  
//09/3600,3601,3602/

## GA27-2820

3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE  
DESCRIPTION FOR THE 3604 KEYBOARD DISPLAY AUDIBLE ALARM  
(RPQ 8K0567)

This document describes the audible alarm RPQ, including installation and operating instructions. A description of the signal instruction, which is used to turn the alarm on

## GA27-2830

OPERATIONS GUIDE FOR THE 3790 COMMUNICATION SYSTEM,  
VERSION 7

Provides information for persons involved in the systematic operation of IBM 3790 Communication System having configuration support specify feature 9169.

This guide contains operation procedures for the IBM 3791 Controller, IBM 3792 Auxiliary Control Unit, and controller functions performed by the control operator (operator 1) at a terminal that is part of the 3790 system.



System concepts and problem recovery concepts that are needed to coordinate the overall operation of the 3790 system are also described.

The guide contains the operating procedure for the remote job entry function performed by the RJE operator. Manual, 8 1/2 x 11 inches, 260 pgs, 1/78 //09/3790,3791/

GA27-2840

3790 COMMUNICATION SYSTEM BSC, RPQ 8K0632, INSTALLATION AND PROGRAMMING GUIDE

This guide is intended for those involved with programming and installing the IBM 3790 Communication System with RPQ 8K0632 providing Binary Synchronous Communication as the discipline for managing data transfer over a data communications channel.

Manual, 8 1/2 x 11 inches, 296 pgs, 4/77 //14/3790,3791/

GA27-2841

3790 COMMUNICATION SYSTEM, LOOP RPQ EH0642 VERSION 5, CUSTOM FEATURE DESCRIPTION

This manual provides the Customer, the Systems Engineer and the Installation Planner with configuration and physical planning details for installing the IBM 3790 Communication System with the loop RPQ EH0642.

Manual, 8 1/2 x 11 inches, 56 pgs, 4/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-2842

3790 COMMUNICATION SYSTEM, LOOP RPQ EH0642, VERSION 5, OPERATIONS GUIDE

This guide provides the Control Operator, the Terminal Operator and the Programmer the details of the loop RPQ EH0642 installed on the IBM 3790 Communication System.

Manual, 8 1/2 x 11 inches, 76 pgs, 4/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA27-2843

3600 FINANCE COMMUNICATION SYSTEM ADDRESS SHARING CUSTOM FEATURE DESCRIPTION RPQ MG1586 OR 8K0610

This publication is for financial institution management and planning personnel who are using the address sharing custom feature RPQ MG1586 or 8K0610 with the IBM 3600 Finance Communication System. It supplements information in:

IBM 3600 Finance Communication System Configurator, GA27-2762

IBM 3600 Finance Communication System Programmer's Guide and Component Descriptions, GC27-0004  
3600 Finance Communication System Unit Operating Procedures, GA23-0001; 3600 Finance Communication System Problem Recovery Procedures, GA23-0002; 3600 Finance Communication System Operating Reference, GA27-2898.

Manual, 10 pgs, 11/76  
//14/3600,3601,3602/

GA27-2856

3600 ALTERNATIVE LINE ATTACHMENT, GENERAL INFORMATION MANUAL RPQ 8K0676

Provides system programmers and control operators with the basic information required to install and use an IBM 3600 Alternative Line Attachment RPQ with the IBM 3600 Finance Communication System.

Alternative Line Attachment RPQ (ALA) supports the use of non-loop discipline control units and terminals with the 3600 System.

This publication summarizes the effect of ALA on the components, programming, and operation of a 3600 System. Topics covered include: ALA component descriptions, 3600 controller configuration differences with ALA, application program differences, ALA instruction and macro descriptions, storage requirements and prerequisites, maintenance aids and support services, 3600 System Monitor operation additions, and problem recovery procedures with ALA installed.

Manual, 8 1/2 x 11 inches, 90 pgs, 8/77  
//14/3600,3601,3602/

GA27-2857

3600 ALTERNATIVE LINE ATTACHMENT START/STOP TYPE B FEATURE DESCRIPTION MANUAL RPQ 8K0676

Provides system programmers with the information required to install and use RPQ 8K0676 (Start/Stop Type B Alternative Line Attachment) with the IBM 3600 Finance Communication System.

Start/Stop Type B (SSB) Alternative Line Attachment (ALA) supports the use of non-loop discipline control units and terminals similar to the IBM 2848/2260 control units and terminals.

This manual contains specific SSB ALA reference information. Topics covered include: SSB general description, programming information and line protocol descriptions, SSB instruction and macro usage, configuration information, and SSB maintenance and support services information.

Manual, 8 1/2 x 11 inches, 40 pgs, 8/77  
//14/3600,3601,3602/

GA27-2858

3790 COMMUNICATION SYSTEM TERMINAL OPERATOR'S GUIDE FOR THE 3276/12 & 3278/2 DISPLAY STATIONS

This operator's guide is for use with the IBM 3276 Control Unit Display Station or IBM 3278 Display Station as part of an IBM 3790 Communication System. No previous experience with the terminal is assumed for the operator. Terminal controls are described (including special feature) and basic operating procedures are explained. Information is given on guidance messages, operator responses and commands that are used.

A separate chapter introduces the operator to Remote Job Entry (RJE) procedures.

Manual, 8 1/2 x 11 inches, 116 pgs, 1/78  
//06/3790,3791/

GA27-2868

3600 FINANCE COMMUNICATION SYSTEM, PASSBOOK PRINT CUSTOM FEATURE DESCRIPTION RPQ EH4993

This document describes the Passbook Print custom Feature and supplements the following manuals.

- Introducing the IBM 3600 Finance Communication System
- IBM 3600 Finance Communication System Management Planning Guide
- IBM 3600 Finance Communication System Summary
- Operating Guide for the IBM 3600 Finance Communication System
- IBM 3600 Finance Communication System Installation Manual physical planning

This manual is directed towards management of financial institutions.

Manual, 8 1/2 x 11 inches, 14 pgs, 9/77  
//14/3600,3601,3602/

GA27-2891

3790 COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION 129-3790 ATTACHMENT RPQ MJ2886

Describes the use and capabilities of the IBM 129 Card Data Recorder attached as a tertiary device to an IBM 3790 Communication System.

Manual, 8 1/2 x 11 inches, 70 pages, 5/78  
//14/0129/

GA27-2898

3600 FINANCE COMMUNICATIONS SYSTEM, SCP 5747-BR, 5744-CA3 OPERATING REFERENCE

Intended for the 3600 system control operator or programmer, this manual describes system startup and control procedures, debugging and error recovery procedures, and diskette operation and device test programs. The manual also describes the 3600 system monitor commands and error messages used in performing the foregoing procedures and operations, and defines the meanings of error log messages and of statistical counters. This edition adds the command and log message information necessary for operating a 3600 system with an X.21 switched link to the host, or through a remote problem determination monitor such as NPDA.

Manual, 8 1/2 x 11 inches, 138 pages, 12/81  
//09/3600,3601,3602/

GA27-3048

3670 BROKERAGE COMMUNICATION SYSTEM CONCEPTS & CONFIGURATOR

This manual presents the concepts of the IBM 3670 Brokerage Communication System for two types of users. For management and supervisory personnel, it provides an overview of the hardware that includes the purpose, design highlights, and varied applications of the system. For support personnel interested in more detail, it offers a description of individual components, program support, system organization, and data protection.

It also provides the systems planner with technical information to aid in configuring a system best suited to his needs. Included are a block diagram and a listing of the units, features, and connections that can make up a system.

Users of this manual should be familiar with the contents of IBM System/360, Introduction to Teleprocessing, GC30-2007, and IBM Teleprocessing System Summary, GA24-3090. Hardware Concepts and Configurator, 48 pages  
//09/3670,3671,3672,3673,3674/

GA27-3049

3670 BROKERAGE COMMUNICATION SYSTEM INSTALLATION PHYSICAL PLANNING

This manual is to be used as a guide by installation planners preparing to install the IBM 3670 Brokerage Communication System. It provides technical information, recommendations, and suggestions to be used in installation planning, but no attempt has been made to give step-by-step instructions for preparing the site to receive the 3670 system.

Dimensions, weights, service clearances, physical information for each unit, and environmental and electrical requirements are covered in this manual. Information is also given on cabling, electrical outlets, communication facilities, air conditioning and humidity controls, and environmental safety. The customer's responsibility for planning the installation and preparing the site is discussed.

Planners should be familiar with the 3670, communications networks, and common-carrier services. They should also be familiar with System Library publication, IBM



3670 Brokerage Communication System, System Concepts and Configurator, GA27-3048.  
System Reference Library Manual, 28 pages  
//15/3670,3671,3672,3673,3674/

system operates under OS/VS1 VTAM, OS/VS2 VTAM, or DOS/VS VTAM. The general prerequisites for this manual are an understanding of existing supermarket operations. Persons reading chapters related to programming are expected to have a understanding of an operating system and some teleprocessing knowledge.  
Manual, 76 pages  
//09/3666,3669/

GA27-3050

3670 BROKERAGE COMMUNICATION SYSTEM COMPONENT DESCRIPTION MANUAL

The IBM 3670 Brokerage Communication System is a subsystem designed to communicate with a TCAM supported IBM System/360 or IBM System/370. The 3670 consists of a shared terminal control unit and a number of independent applications-oriented input/output devices. The components of the 3670 are:

IBM 3671 Shared Terminal Control Unit  
IBM 3672 Executive Console  
IBM 3673 Data Display  
IBM 3674 Printer-Keyboard

This manual serves as a reference for the components of the 3670 subsystem.

It describes standard and special features, functions, and operating characteristics of the control unit and of each of the attached devices.

A separate chapter is devoted to describing each of the four components.

This publication is written for the user who is interested in the details of machine function and design. It is intended for the customer systems analyst, the customer systems programmer, the IBM Data Processing systems engineer, the IBM Field Engineering customer engineer for machine maintenance, and the IBM Field Engineering program systems representative.  
It is not intended to give complete information for system implementation.

Users of this manual should be familiar with the contents of IBM 3670 Brokerage Communication System, Concepts and Configurator, GA27-3048.

This prerequisite manual offers an introduction to the concepts of the 3670 and also gives configurator information.

Manual, 50 pages  
//09/3670,3671,3672,3673,3674/

GA27-3074

3650 RETAIL STORE SYSTEM INSTALLATION, PHYSICAL PLANNING

This publication contains technical information, recommendations, suggestions, and guidelines to be used in planning an efficient physical installation of the IBM 3650 Retail Store System. It is written for retail store planning personnel and IBM Field Engineering Installation Planning Representatives.

The 3650 system collects and processes retail store sales, inventory, and ordering and receiving information, to assist in effective retail store management. This system operates with the IBM System/370.

Chapter 1 is a brief introduction to the IBM devices included in the 3650-50 system and the configurations of the system itself.

Chapter 2 defines the 3650-50 system planning, preparation, and installation responsibilities.

Chapter 3 contains information pertaining to the selection of the proper cable for installation of 3650 system store loops. It also includes store loop wiring considerations, recommendations, and guidelines.

Chapter 4 provides a plan view together with specifications of each unit that can be used in the 3650-50 system.

Manual, 42 pages  
//15/3650,3651/

GA27-3075

3650 RETAIL STORE SYSTEM INTRODUCTION

The IBM 3650 Retail Store System is designed to satisfy the needs of the retail industry through the single, complete, and accurate recording of customer and merchandise data.

This manual describes the basic concepts of the Retail Store System, its individual devices, programming support, and configurations. The devices are:

IBM 3275 Display Station, Model 3  
IBM 3284-3 Printer Attachment  
IBM 3651 Store Controller  
IBM 3653 Point of Sale Terminal  
IBM 3657 Ticket Unit  
IBM 3659 Remote Communications Unit

This manual is intended primarily for the retail executive and administrator. A knowledge of data processing and telecommunications concepts is required to understand and chapters on programming support and system configuration.

Manual, 80 pages  
//09/3650,3651/

GA27-3076

3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM INTRODUCTION

The purpose of this publication is twofold. First, to introduce the IBM 3660 Supermarket Store Control System; and second, to provide in-depth information needed to implement the various user-oriented 3660 system features. The units of the 3660 system are: IBM 3661 Supermarket Controller, IBM 3663 Supermarket Terminal, IBM 3666 Checkout Scanner, and IBM 3669 Store Communications Unit. The 3660 system is attached (using common-carrier facilities) to a host processor at a central location remote from individual supermarkets or to a designated supermarket for backup. The

GA27-3079

3660 SUPERMARKET SYSTEM INSTALLATION MANUAL, PHYSICAL PLANNING

This publication should be used by people responsible for physical planning for the IBM 3660 Supermarket System. It includes physical specifications and electrical and environmental requirements for the following units:

IBM 3661 Supermarket Controller  
IBM 3663 Supermarket Terminal  
IBM 3666 Checkout Scanner  
IBM 3667 Store Communications Unit

Manual, 40 pages  
//15/3660,3661,3663,3666,3667,3669/

GA27-3089

3650 RETAIL STORE SYSTEM SALE OPERATION GUIDE, 3653 POINT OF SALE TERMINAL

This guide provides operating and reference information for the 3653 Point of Sale Terminal for the 3650 Retail Store System. The guide contains a general introduction to the 3653 Point of Sale Terminal and the other components of the 3650 Retail Store System, and describes how to record sales transactions at the Point of Sale Terminal.

The guide is written for the retail store training staff and for point of sale terminal operators. The training staff should modify the guide to produce the point of sale terminal training guide for their store.

The guide is written for two different audiences, as follows:

o Chapters 1 through 5 describe the Retail Store System, the point of sale terminal, and how to operate it. These chapters are written for use by point of sale terminal operators, who are assumed to have some knowledge of retail store operations, but no previous knowledge of, or experience in using, point of sale terminals or computers.

o Appendices A and B give additional information to enable the training staff to modify the information in Chapters 1 through 5 to suit their individual store requirements. The training staff is assumed to have considerable experience in retail store operations, to have some knowledge of point of sale terminals and computers, and to have read the prerequisite publications for this guide.

Manual, 100 pages  
//09/3650,3653/

GA27-3090

3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM OPERATIONS GUIDE

This publications gives operational and reference information for the IBM 3660 Supermarket System. Directions for turning on and off the following components are given: IBM 3651 Model 60 Store Controller, IBM 3663 Supermarket Terminal, IBM 3666 Checkout Scanner, and IBM 3669 Store Communications Unit. Directions are also given for operating the IBM 3663 Supermarket Terminal in customer checkout and store support along with information on how to operate the IBM 3666 Checkout Scanner.

This publication is written for supervisors, supermarket personnel, and training personnel. Although the reader is assumed to have no previous experience using electronic terminals, scanners, or computer-related equipment, he is expected to have read IBM 3660 Supermarket System Introduction, GA27-3076.

Manual, 500 pages  
//09/3666,3669/

GA27-3109

3650 RETAIL STORE SYSTEM PROBLEM DETERMINATION PROCEDURES & OPERATOR MESSAGES

This manual is written primarily for the retail store personnel who have the responsibility for opening and closing the system. It contains problem determination procedures and operator messages that may be printed or displayed. The manual is also intended for use by customer training staffs, host programmers, IBM service representatives, and installation teams. It is assumed that all users of this manual have a knowledge of IBM 3650 Retail Store System operating procedures.

Manual, 246 pages  
//09/3650,3651/

GA27-3111

3660 SUPERMARKET SYSTEM: KEY-ENTRY SYSTEM INTRODUCTION

The purpose of this publication is to introduce the 3660 key-entry version of the IBM 3660 Supermarket System. The publication contains introductory information on the hardware components of the system and on the programs provided to support them. Any user or potential user of the

3660 Key-Entry System, including management, programmers, operators and maintenance personnel should be familiar with the contents of this manual. The only prerequisite for this manual is an understanding of existing supermarket operations (to understand how the 3660 Key-Entry System can improve operations).

The 3660 Key-Entry System is attached (using common-carrier facilities) to a host processor at a central location remote from individual supermarkets.

This book is divided into chapters as follows:

Chapter 1 introduces the 3660 Supermarket System and shows how its use can improve supermarket operations.

Chapters 2 and 3 describe each unit used in the 3660 Key-Entry System.

Chapters 4 and 5 identify the supermarket functions that the system performs, and explain the data security designed into the 3660 system.

Chapter 6 provides information on reliability.

A glossary of terms and abbreviations as they apply to this publication is included before the index.

Manual, 40 pages

//09/3661/

GA27-3115

3660 SUPERMARKET SYSTEM: SCANNING SYSTEM  
PROBLEM DETERMINATION PROCEDURES

This manual provides problem determination procedures to be used with the IBM 3660 Supermarket Scanning System. It is written primarily for the supermarket store personnel who have the responsibility for opening and closing the system and for determining the sources of problems in the operation of the Scanning System in a specific store. It is also intended as an aid for the system user training staffs, host programmers, IBM service representatives, and system installation teams. It is assumed that all users of this manual have a knowledge of the IBM 3660 Supermarket Scanning System operating procedures.

This manual consists of basic problem determination procedures followed by appendixes that contain information referred to in the procedures. These appendixes include system and system unit starting procedures, backup authorization and backup operation procedures, and IBM 3663 Supermarket Terminal paper loading procedures. Requesting transmission counts and IBM 3669 Model 3 Store Communication Unit "Receive EQUALIZER Switch Setting" are also included.

Manual, 86 pages

//09/3666,3669/

GA27-3118

3660 SUPERMARKET SYSTEM: KEY ENTRY SYSTEM OPERATIONS GUIDE

This publication gives operational and reference information for the IBM 3660 Supermarket Key-Entry System. Directions for turning each component of the system on and off and directions for operating the IBM 3663 Supermarket Terminals in customer checkout and store support are included. This publication is written for supermarket supervisors, customer checkout personnel, and training personnel.

Prerequisite Publication:

- o IBM 3660 Supermarket Systems: Key-Entry System Introduction, GA27-3111

Manual, 190 pages

//09/3661/

GA27-3119

IBM 3660 SUPERMARKET SYSTEM; KEY-ENTRY SYSTEM  
PROBLEM DETERMINATION PROCEDURE

This manual provides problem determination procedures to be used with the IBM 3660 Supermarket Key-Entry System. It is written for the supermarket personnel who have the responsibility for determining the sources of problems in the operation of the system in a specific store.

Prerequisite Manuals

- IBM 3660 Supermarket Systems: Key-Entry Systems Introduction, GA27-3111
- IBM 3660 Supermarket Systems: Key-Entry System Operations Guide, GA27-3118

Manual

//09/3661/

GA27-3121

3660 SUPERMARKET SCANNING SYSTEM EMERGENCY ACTION REFERENCE SUMMARY

The reference summary contains emergency action procedures for the 3660 Supermarket Scanning System. The procedures are abbreviated and assume that the user has been trained in and practiced their use. The information in the reference summary was extracted from IBM Supermarket Systems: Scanning System Problem Determination Procedures, order number GA27-3115.

Reference Summary, 6 pages

//09/3666,3669/

GA27-3134

3650 RETAIL STORE SYSTEM ADMINISTRATIVE OPERATIONS GUIDE

This guide is written primarily for use by the retail store training staff in developing a unique operating guide, tailored to a particular store's application of the release 3.1 3650 retail store system. Many of the procedures in this guide can be used without any changes on your part. Some of the procedures, however, require additional information, such as specific store procedures, store programming information, etc., to adapt this guide to your

individual store's needs.

Manual, 8 1/2 x 11 inches, 444 pgs, 3/77

//09/3650,3651/

GA27-3139

3650 RETAIL STORE SYSTEM, STORE CONTROLLER OPERATOR'S  
POCKET REFERENCE SUMMARY

This reference summary contains information already included in the IBM 3650 Retail Store System Administrative Operations Guide Release 3.1, GA27-3134, and IBM 3650 Retail Store System Problem Determination Procedures and Operator Messages, GA27-3109. The procedures in this pocket reference summary provide a quick summary of information needed for routine operation of the retail store system store controller.

The abbreviated procedures on this card are intended for an operator who has been trained in, and who has had experience in, operating the store controller. If you experience difficulty in using these procedures, refer to the publications previously mentioned for more detailed explanations.

Reference Summary, 8 1/2 x 3 3/4 inches, 10 panels, 4/77

//09/3650,3651/

GA27-3163

3650 PROGRAMMABLE STORE SYSTEM INTRODUCTION

This manual introduces the devices, programming support, and communications facilities that make up the IBM 3650 Programmable Store System. The 3650 system collects and processes retail and/or supermarket information, to assist in effective store management.

This manual is written for retail and supermarket personnel at management, administrative, and systems levels. It provides basic information to help readers achieve a general understanding of the IBM 3650 Programmable Store System and the interrelationships of various devices. System concepts, basic and special features, and input/output devices are described to assist the reader.

The IBM 3650 Subsystem Program Preparation Support II (SPPS II), which is discussed in this manual, is an IBM Program Product. SPPS II provides the capability for the user to write programs for execution in the IBM 3651 Store Controller Model 25 or 75, IBM 3653 Point of Sale Terminal Model 1P, and IBM 3663 Supermarket Terminal Model 1P or 3P of the IBM 3650 Programmable Store System.

Manual, 8 1/2 x 11 inches, 72 pages, 10/78

//09/3650,3651/5744-DA1,5747-CJ2

GA27-3167

3650 PROGRAMMABLE STORE SYSTEM INSTALLATION MANUAL  
PHYSICAL PLANNING

This publication should be used by people responsible for physical planning for the 3650 Programmable Store System. It includes physical specifications and electrical and environmental requirements for the following units:

- 3275 Display Station Model 3
- 3284 Printer Model 3
- 3651 Store Controller Models A25, B25, A75, and B75
- 3651 Store Controller Models C75 and D75
- Point of Sale Terminal Models 1 and 1P
- 3657 Ticket Unit
- 3659 Remote Communications Unit Models 1 and 2
- 3663 Terminal Station Model 2
- 3663 Control Segment Model 1P
- 3663 Control Segment Model 3P
- 3666 Checkout Scanner
- 3667 Checkout Scanner
- 3669 Store Communications Unit
- 3767 Communication Terminal Model 2
- 3784 Line Printer
- 3872 Modem
- 3874 Modem
- 7482 Data Storage Unit

Manual, 8 1/2 x 11 inches, 100 pages, 10/78

//15/3650,3651/5747-CJ2,5744-DA1

GA27-3199

3680 PROGRAMMABLE STORE SYSTEM INTRODUCTION

The IBM 3680 Programmable Store System provides a point-of-sale terminal system for stores having either single or multiple point-of-sale locations. User programmability allows the user to control the 3680 system operations and employ the system in many merchandising applications. This manual introduces the devices, programming support, and communications facilities that make up the 3680 system.

This manual is written for merchandising personnel at management, administrative, and system programming levels. It provides basic information to help the reader achieve a general understanding of IBM 3680 Programmable Store System.

Manual, 8 1/2 x 11 inches, 50 pages, 1/79

//09/3680,3683,3684/

GA27-3206

3650 PROGRAMMABLE STORE SYSTEM RETAIL SERVICE OPERATION  
GUIDE 3653 POINT OF SALES TERMINAL

This manual explains how to operate the IBM 3650 Point of Sale Terminal when using retail services. Retail services provide the equivalent 3653 Point of Sale operations that were provided with Release 3.2 of the IBM 3650 Retail Store System. This manual explains how to perform administrative and sales operations at the 3653 Point of Sale Terminal.

The user's training staff should modify this manual to produce the point of sale terminal training guide for their store, in this way the user can include unique store procedures. The user of this manual is assumed to have considerable experience in retail store operations, to have some knowledge of point of sale terminals and host processors, and to have read the prerequisite publications that are listed for this manual.  
Manual, 8 1/2 x 11 inches, 160 pages, 6/79  
//09/3653/5744-DA1,5747-CJ2

installation planning representatives. It contains technical information, recommendations, and suggestions to be used in planning an efficient physical installation of the Programmable Store System.  
Manual, 8 1/2 x 11 inches, 90 pages, 1979  
//15/3680,3684,3683/

## GA27-3209

3650 PROGRAMMABLE STORE SYSTEM POINT OF SALE TERMINAL, LIC PROG 5744-DA1, 5747-CJ2, PROBLEM DETERMINATION REFERENCE SUMMARY  
This pocket reference summary contains information already included in the IBM 3650 Programmable Store System Operations Guide, and IBM 3650 Programmable Store System Problem Determination Procedures and Operator Messages. This pocket reference summary provides a quick reference for information needed for the routine operations of the programmable store system point of sale terminals.  
The abbreviated procedures on this card are intended for an operator or programmer who has been trained in, and who has had experience in, operating the point of sale terminal. More detailed explanations are given in the publications mentioned in the preceding paragraph.  
Reference summary, 8 1/2 x 3 5/8 inches, 8 panels  
//09/3650,3651/5744-DA1,5747-CJ2

## GA27-3210

3650 PROGRAMMABLE STORE SYSTEM CONTROLLER OPERATOR'S POCKET REFERENCE SUMMARY  
This pocket reference summary contains information already included in the IBM 3650 Programmable Store System Operations Guide, and IBM 3650 Programmable Store System Problem Determination Procedures and Operator Messages. This pocket reference summary provides a quick reference for information needed for the routine operations of the programmable store system point of sale terminals.  
The abbreviated procedures on this card are intended for an operator or programmer who has been trained in, and who has had experience in, operating the point of sale terminal. More detailed explanations are given in the publications mentioned in the preceding paragraph.  
Reference summary, 8 1/2 x 3 5/8 inches, 16 panels, 6/79  
//09/3650,3651/5744-DA1,5747-CJ2

## SA27-3211

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT OPERATIONS GUIDE  
Provides operational and reference information for the IBM 3650 Programmable Store System POS Application/Supermarket Environment Program Product. The publication gives directions for operating the IBM 3663 Supermarket Terminal Models 1P and 3P for customer checkout and store support.  
This publication is written primarily for supermarket supervisors, training personnel, and operator personnel who need to know how to operate the supermarket terminals under this program.  
This is a source document from which store training staffs compile and assemble the step-by-step operating instructions used by store operating personnel.  
Prerequisite Publications:  
IBM 3650 Programmable Store System Introduction, GA27-3163.  
IBM 3650 Programmable Store System POS  
Application/Supermarket Environment General Information, GC30-3055.  
Manual, 8 1/2 x 11 inches, 565 pages, 6/79  
////5748-D21

## SA27-3212

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/RETAIL ENVIRONMENT OPERATIONS GUIDE  
This manual provides operational and reference information for the IBM 3650 Programmable Store System POS Application/Retail Environment Program Product. Included are directions for operating the IBM 3653 Point of Sale Terminals for sales and administrative support activities. This publication is written primarily for retail store supervisors, training personnel, and sales personnel.  
Prerequisite publications: IBM 3650 Programmable Store System Introduction, GA27-3163 (referred to hereafter as the Introduction manual), introduces the devices, programming support, and communication facilities that make up the IBM 3650 Programmable Store System. IBM 3650 Programmable Store System POS Application/Retail Environment General Information, GC30-3056 (referred to hereafter as the General Information manual), introduces the IBM 3650 POS Application/Retail Environment Program Product and gives information about this program product's functions, capabilities, and benefits. It is written for retail store personnel at management, administrative, and system levels.  
Manual, 8 1/2 x 11 inches, 214 pages, 10/79  
////5748-D14

## GA27-3213

3680 PROGRAMMABLE STORE SYSTEM PLANNING AND SITE PREPARATION GUIDE  
This publication is written for store personnel who are involved in planning for the installation of the IBM 3680 Programmable Store System, and for IBM Field Engineering

## GA27-3240

3680 PROGRAMMABLE STORE SYSTEM OPERATOR'S GUIDE: OPERATOR GUIDANCE, OPERATOR MESSAGES, AND PROBLEM DETERMINATION PROCEDURES  
This manual provides information required to operate and care for the IBM 3683 Point of Sale Terminals and the IBM 3684 Point of Sale Control Units in the IBM 3680 Programmable Store System. Instructions for how to turn on, turn off, load, and operate the terminal are provided for the store system operator. Instructions for loading paper, changing ribbons, and using features such as want, cash drawer, and manager's key lock are also provided.  
Operator messages that are common to all terminals are provided, along with procedures for determining the general nature of problems that could occur while operating the terminal. Administrative procedures that may be the responsibility of other than the terminal operator (such as system functions, utilities, etc.) are provided. Operator procedures and operator messages that result from user programming will be provided by programming support personnel and can be inserted in this manual. An appendix describes expandable items such as paper, ribbons, and the IBM diskette 2D.  
Manual, 8 1/2 x 11 inches, 250 pages, 2/80  
//09/3680,3683,3684/

## GA27-3241

3680 PROGRAMMABLE STORE SYSTEM REFERENCE SUMMARY CARD  
This Reference Summary Card provides a general summary of certain operator information taken from the IBM 3680 Programmable Store System Operator's Guide. This information includes: A general problem determination guide, the terminal sign-on procedure, and a list of all terminal operator message codes with the related message name.  
Fanfold card, 3 5/8 x 8 1/2 inches, 8 pages, 2/80  
//09/3680,3683,3684/

## GA27-3253

3843 LOOP CONTROL UNIT INTRODUCTION AND SITE PREPARATION GUIDE  
This manual provides a general introduction to the IBM 3843 and its role in a data communication system. This information is for any user of the 3843, including managers, programmers, and installation planners.  
Also included is site preparation information needed by the user to prepare his location for the setup of the IBM 3843.  
Manual, 8 1/2 x 11 inches, 8 pages, 02/80  
//09/3843/

## GA27-3306

3650 PROGRAMMABLE STORE SYSTEM TERMINAL OPERATION  
This manual provides information required to operate and care for the IBM 3653 Point of Sale Terminal, the IBM 3663 Supermarket Terminal, and the IBM 3683 Point of Sale Terminal in the IBM 3650 Programmable Store System. This publication is the result of a major revision and reorganization of IBM 3650 Programmable Store System Problem Determination Procedures and Operator Messages, GA27-3207, and IBM 3650 Programmable Store System Operations Guide, GA27-3208, and Technical Newsletter GN27-3262.  
Manual, 8 1/2 x 11 inches, 630 pages, 12/80  
//09/3650,3651/5744-DA1,5747-CJ2

## GA27-3307

3650 PROGRAMMABLE STORE SYSTEM STORE CONTROLLER OPERATION  
This publication is the result of a major revision and reorganization of GA27-3207, GA27-3208, and Technical Newsletter GN27-3262, which are now obsolete.  
This manual provides information needed to operate the 3650 or 7480 Store Controller in the 3650 Programmable Store System. In addition, it includes information needed to operate the 3659 Remote Communications Unit Models 1, 2, the 3669 Store Communications Unit Models 1, 2, and 3, and the 7481 Data Storage Unit.  
The manual contains messages and procedures to aid in solving store controller and store loop related problems in the 3650 Programmable Store System and is intended primarily for use by store personnel and store personnel training groups. In addition, it can be used by installation, service, and store programming personnel.  
Manual, 8 1/2 x 11 inches, 450 pages, 12/80  
//09/3650,3651/5744-DA1,5747-CJ2

## GA27-3308

3650 PROGRAMMABLE STORE SYSTEM ADMINISTRATIVE SERVICES OPERATION  
This manual is for persons who operate the administrative devices used in the 3650 programmable store system and for persons who develop operator training courses for those devices. This manual may also be useful to programmers who need to know how to communicate with the system.  
Tabs for this manual are available under Order No. GX27-

2942.  
Manual, 8 1/2 x 11 inches, 384 pages, 12/80  
//09/3650,3651/5744-DA1,5747-CJ2

GA27-3315

PROTECTIVE COUPLER, PN 1649100, INSTALLATION AND PLANNING GUIDE

This document contains information required to adequately plan for integration of the IBM Protective Coupler into the customer's telecommunication link.

Manual, 8 1/2 x 11 inches, 18 pages, 7/81  
//C/15/3669,3684,3704,3705,3872,3874,3036,3081,3158,4331,4341/

GA33-3018

3790 COMMUNICATION SYSTEM CUSTOM FEATURE RPQ 7H0216 PROGRAMMER'S & OPERATOR'S GUIDE FOR REMOTE TERMINALS ATTACHED TO THE IBM 3792 AUXILIARY CONTROL UNIT

This publication contains information for the programmer of an IBM 3790 Communications System with RPQ 7H0216 installed, and additional operator information where necessary for the remotely attached terminals. Included herein are details of the extra controller functions provided with the RPQ. **PREREQUISITES**

To use the manual, the programmer must be familiar with the information in "An Introduction to the IBM 3790 Communication System," GA27-2767, which introduces the components, features, and capabilities of the 3790 System. Manual, 8 1/2 x 11 inches, 124 pgs, 5/77  
//14/3792/

GA33-3021

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: INTRODUCTION

This publication describes the IBM 3730 Distributed Office Communication System, and its features, and shows how it can help control and simplify the production of, and even reduce the volume of, office paperwork. The publication is intended for readers who want a nontechnical summary of the system and its possible use in their organizations to produce correspondence and other documents.

For a more detailed and technical description of the 3730 system, see IBM 3730 Distributed Office Communication System: System Description, GA33-3022. Manual, 8 1/2 x 11 inches, 68 pages, 6/79  
//09/3730,3732/

GA33-3022

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, SYSTEM DESCRIPTION

This publication is intended for customers' data processing and word processing staffs and for IBM system engineers and sales support staff. It describes the concepts and functions of the IBM 3730 Distributed Office Communication System in sufficient detail to allow a potential customer to plan how the system will be used in an organization.

Depending on the nature of the reader's information requirements and on the part of this publication that is being read, prior knowledge of the following would be useful but is not essential: processing and administration of documents in an office, operating procedures for the IBM 3790 Communication System, data processing with the IBM System/370, and telecommunications operations. A further publication, IBM 3730 Distributed Office Communication System: Introduction, GA33-3021, gives a general non-technical description of the system and of typical applications in which it can be used. Part 1 of this publication introduces the reader to the 3730 Distributed Office Communication System and its components. Part 2 describes text processing concepts and functions. Part 3 covers application programming; and includes a description of the methods of communication with a host computer. The publication also contains a glossary of terms and abbreviations that have been used.

There are no prerequisite manuals for this publication; the reader is, however, referred to other manuals for more detailed information on various topics. The bibliography at the end of the publication summarizes these other manuals. Manual, 8 1/2 x 11 inches, 142 pages, 1/81  
//09/3730,3732/

GA33-3023

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM SYSTEM OPERATING INSTRUCTIONS

Provides the information for those persons (supervisory operators) who control the 3790 Distributed Office Communication System and coordinate work done by the system. The control of the system is switching on and off the IBM 3791 Controller (Model 11C, 12A, or 12B), and loading the operating diskette.

The coordination of the system is carried out by controller functions that deal with specific tasks such as printing, listing documents stored by the system, controlling operator access, and testing attached IBM 3732 Text Display Stations and IBM 3736 Printers.

This publication is for users of the 3730 system who are already familiar with the SYSXTEXT (2985) controller function and whose responsibilities and operator profiles allow them to use other controller functions.

The publication describes the information needed to run each controller function. Appendix A gives guidelines and examples for allocating the 3791's resources to working store and to permanent store. Appendix B gives operating

procedures for the line printer feature of the the 3791. Corequisite publication: IBM 3790 Communication System: Messages, GA27-2789.

Manual, 8 1/2 x 11 inches, 7/81  
//09/3730,3732/

GA33-3024

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, PROBLEM DETERMINATION GUIDE

This guide helps in locating causes of 3732 operation problems and is addressed to the 3732 operator.

Manual, 8 1/2 x 2 1/2 inches, 28 pages, 6/80  
//09/3730,3732/

GA33-3025

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, OPERATORS COURSE

Provides a simple introduction and lessons to teach use of the text features of the IBM 3732 Text Display Station of the 3730 Distributed Office Communication System.

Users of this course are assumed to be competent typists.

The course is divided into two parts. Part I contains ten basic lessons that must be followed in sequence. Part 2 contains lessons grouped by type of work such as typing tables, printing documents listing stored documents, and sending a message to another operator. Lessons in Part 2 can be selected as needed.

Each lesson describes one or more keys or commands, gives an exercise to be typed, and ends with a 'You Should Now Know' page that lists the most important points learned in the lesson.

The binder for this document is order number G320-6109. Manual, 8 1/2 x 11 inches, 350 pages, 3/80  
//09/3730,3732/

GA33-3026

3736 PRINTER WITH RPQ SU0099 REFERENCE MANUAL

This publication was formerly: IBM 3736 Printer; Users Guide for RPQ SU0099, GA33-3026-0. The IBM 3736 Printer used in the IBM 3730 Distributed Office Communication System, is modified by RPQ SU0099. This modification enables the installation by the user, of a device from another supplier that will feed single sheets of paper for printing without operator intervention. Such a device is called a sheet feed.

This manual supplies information for the printer operator and system supervisory operator. This publication also includes information for suppliers and manufacturers of sheet-feed devices, that was formerly available in a separate document: IBM 3736 Printer with RPQ SU0099 to a Sheet-Feed Device, Attachment Information. Manual, 8 1/2 x 11 inches, 38 pages, 12/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GA33-3027

3736 PRINTER OPERATING INSTRUCTIONS

Provides instructions for the day-to-day operation and care of the IBM 3736 Printer. The manual is intended for the customer's staff who prepare the printer for use and tend the printing operations, and for system supervisory operators.

The manual describes the printer and the parts of it that an operator must recognize, and contains instructions for preparing the printer and operating it to print on continuous paper or separate sheets. Manual, 8 1/2 x 11 inches, 98 pages, 05/80  
//03/3736/

GA33-3029

3732 TEXT DISPLAY STATION REFERENCE INFORMATION

Describes, for operators, how to use the IBM 3732 Text Display Station in the creating, editing, storing, and printing of office correspondence and other documents. An introductory chapter directs the reader to other chapters that deal with:

- The screen display, the controls and indicators, and the starting of work at the device.
- Using the keyboard function keys and the various commands.
- Producing material that needs to be, in its printed form, wider than the screen capacity.
- Displayable information for helping the operator.
- Those controller functions available to all operators. For completeness, appendices give information that applies to non-English-language systems.

This publication is intended for the secretary, clerk, or other user who, sitting at the keyboard, needs instructions for doing a particular job. The reader does not need to know data-processing terminology.

Prerequisite study through IBM 3730 Distributed Office Communication System: 3732 Text Display Station, Operator's Course, GA33-3025, would be an advantage but is not essential.

Manual, 8 1/2 x 11 inches, 210 pages  
//09/3730,3732/

GA33-3030

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: HOST PROGRAMMER'S GUIDE

This manual provides general information on various aspects

of communication between the IBM 3730 Distributed Office Communication System and host system.

This manual is intended to be read primarily by customer application programmers, system programmers, and system analysts. The manual is also intended for IBM system engineers and program support representatives.

Before using this manual, the reader should have a general understanding of the 3730 Distributed Office Communication System, and a prerequisite publication is IBM 3730 Distributed Office Communication System: System Description, GA33-3022. The reader should also have 3790 programming knowledge, and should use this manual in conjunction with IBM 3790 Communication System: Host System Programmer's Guide, GC22-9051.

Manual, 8 1/2 x 11 inches, 240 pages, 4/81  
//30/3730,3732/

GA33-3031

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: APPLICATION PROGRAMMER'S REFERENCE

This manual provides reference information on the 3730 programming statements that a programmer will use, in conjunction with the 3790 programming statements, to write 3730 application programs.

The manual is intended for customer application programmers, system programmers, and system analysts, and for IBM system engineers and program support representatives.

Prerequisite knowledge is a general understanding of the 3730 system and 3790 programming. A prerequisite publication is IBM 3730 System: System Description, GA33-3022. A corequisite publication is IBM 3790 Communication System: Programming Statements Reference, GC22-9064, where the information in that manual applies to IBM 3790 Controller engineering change 740254 (Configuration support feature 9169).

Information on how to use the various 3730 programming statements is given in IBM 3730 Distributed Office Communication System: Application Programmer's Guide, GA33-3032.

Manual, 8 1/2 x 11 inches, 148 pages, 11/80  
//30/3730,3732/

GA33-3032

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: APPLICATION PROGRAMMER'S GUIDE

This manual describes the facilities provided by the IBM 3730 Distributed Office Communication system for a programmer to write 3730 application programs. The 3730 application programmer may wish to do this when the 3730 controller functions do not perform the exact operation required. In the text environment, this flexibility is most needed for the implementation of the more complicated automated text applications and for the development of office service utilities.

Part 1 of this manual gives guidance on various aspects of 3730 programming, and describes the various aspects of 3730 programming statements that are available for an application program that is to run on a 3730 system.

In certain circumstances, 3730 application programs will operate on a 3790 system, and 3730 system. Part 2 of this manual is intended to be read by a programmer using concurrent operations on a 3730-3790 system, and summarizes the circumstances under which a program written for use on one system will operate on the other system.

The manual is intended for customer application programmers, system programmers, and system analysts, as well as IBM system engineers and program support representatives. Prerequisite knowledge is a general understanding of the 3730 system, and a prerequisite publication, therefore, is IBM 3730 Distributed Office Communication System: System Description, GA33-3022. 3790 programming knowledge is also required, and a corequisite publication is IBM 3790 Communication system: Programming Statements Guide, GC22-9037.

Manual, 8 1/2 x 11 inches, 132 pages, 11/80  
//30/3730,3732/

GA33-3033

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: DESIGN OF AUTOMATED TEXT

Provides information for customers' managers, systems analysts, supervisory operators, and operators of IBM 3732 Text Display Stations, on how to create, store, and request master copies (patterns) of frequently used text. These patterns can then be used repeatedly to produce unique, personalized documents.

Manual, 8 1/2 x 11 inches, 206 pages, 7/80  
//09/3730,3732/

GA33-3034

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: APPLICATION PROGRAMMER'S REFERENCE SUMMARY

This publication provides the syntax of the 3730 programming statements that a programmer will use, in conjunction with the 3790 programming statements, to write application programs for the IBM 3730 Distributed Office Communication System.

The publication provides also a quick-access reference manual for application programmers who design and code programs for the 3730 Distributed Office communication system and is designed to be read in conjunction with IBM 3790 Reference Summary, GX27-3023, which is a corequisite of

this publication, where the information in that manual applies to IBM 3791 Controller engineering change 742054 (Configuration support feature 9169).

Manual, 3 5/8 x 8 1/2 inches, 90 pages, 7/81  
//30/3730,3732/

GA33-3054

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: GENERAL INFORMATION MANUAL FOR RPOS 7H0408 AND 7H0409 (ATTACHMENT OF AN IBM MAG CARD TYPEWRITER-COMMUNICATING)

Describes Request for Quotations 7H0408 and 7H0409 and the facilities available through their use. This manual is intended for operators of Mag Card Typewriter-Communicating, who send documents to an IBM 3730 Distributed Office Communication System, and operators of a 3730 System who use those documents.

Manual, 8 1/2 x 11 inches, 96 pages, 1/80  
//14/3730,3732/

GA33-3076

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: SYSTEM PROBLEM DETERMINATION

This manual is written primarily for the supervisory operator(s) of IBM 3730 Distributed Office Communication Systems, but may also be used by other operators of IBM 3732 text display stations who are authorized to use the functions described herein.

By comparing the symptoms of a problem with those listed in this manual, the supervisory operator is guided through a series of checks to determine the possible cause of the problem, for example, whether the problem is due to an operator error or equipment failure, the actions to be taken are also described.

Manual, 8 1/2 x 11 inches, 84 pages, 8/80  
//09/3730,3732/

GA33-3080

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM: 3732 TEXT DISPLAY STATION, QUICK REFERENCE

This guide provides quick reference information for operators of IBM 3732 text display stations by listing immediate commands, text commands, 3730 controller functions, and functions of the keyboard keys each in an alphabetic sequence.

The guide is designed to be kept in the slot in the back of the keyboard.

Manual, 8 1/2 x 2 1/2 inches, 16 pages, 4/81  
//09/3730,3732/

GA33-4550

3790 COMMUNICATION SYSTEM, DATA CONFIGURATION INTRODUCTION

Provides basic information for executives and data processing managers who have a knowledge of the requirements for efficient input of business and industrial data to a central processing installation.

The method by which the system can check and store numerous batches or records that are entered from data entry keyboards, and the methods by which the batches can be sent for processing by a local or remote installation, are briefly described. Technical details of the equipment and its operating are not discussed in this manual.

Manual, 16 pages  
//09/3760/

GA33-4551

3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION FUNCTIONAL DESCRIPTION

A reference manual, primarily intended for customer DP management. It describes the functions and the operation of the IBM 3760 Dual Key Station, extraction of data to and from the host system, and (briefly) the attachment to and operation of the IBM 3791 Controller.

Manual, 84 pages  
//09/3760/

GA33-4552

3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION CONFIGURATION GUIDELINES

This manual lists the specify and special features for any configuration for both the 3791 Controller and the attached 3760 Dual Key Entry Stations. It provides customer and IBM personnel with an overview of the units and features of a particular system.

Manual, 28 pages  
//00/3760/

GA33-4553

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION SUPERVISOR GUIDE

This guide is intended for the supervisor of an IBM 3790 Communication System Data Entry Configuration and describes operating procedures and system functions. It includes:

- o Initialization procedures
- o Description of the System Files and how they are maintained
- o Detailed instructions for defining formats, checks and edits
- o Procedures for controlling the transfer of jobs to the host system or to the special print feature in

the IBM 3791 Controller.  
Manual, 280 pages  
//09/3760/

GA33-4554

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION OPERATOR'S GUIDE  
This guide contains introductory and reference information for operators of the 3760 Dual Key Entry Station in the 3790 CS Data Entry Configuration. Besides dealing with the physical operation (keyboard, display panel, etc.), the manual explains the use of operator commands and function requests and tells the operator how to follow basic and advanced procedures. For the new or inexperienced operator the manual contains a "Step-by-step" instruction.  
Together with this manual an Operator's Reference Card is provided, which is separately available under order number GX33-8502.  
Manual, 104 pages  
//09/3760/

GA33-4555

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION MESSAGES (RELEASE 1.2)  
This manual is for persons who program or operate an IBM 3790 Communication System Data Entry Configuration. It contains operating condition codes, function messages and system messages, which may be displayed during processing. An explanation for each message with the system action and the action to be taken by the operator are included as appropriate.  
Manual, 100 pages  
SISS - ORDER NO. SUBSCRIPTION ONLY

GA33-4560

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION INTRODUCTION  
This introductory manual provides basic information on the Data Entry Configuration with 3760 Key Entry Stations for customer executives, data processing managers, and system planners. Some knowledge of the requirements for efficient input of business and industrial data is assumed.  
The information covers system features, the Key Entry Stations, the 3791 Controller, configurations, format description, modes of operation, data transmission to and from the host system, data transfer to attached I/O devices, security features, and production statistics. A list of publications on the Data Entry configuration is included.  
Manual, 8 x 11 inches, 44 pages, 2/77  
//09/3760/

GA33-4561

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION FUNCTIONAL DESCRIPTION  
This publication describes the IBM 3790 Communication System/Data Entry Configuration. The system comprises IBM 3760 Key Entry Stations attached to the IBM 3791 Controller. The manual addresses data processing managers, system analysts, application programmers, and control and supervisory personnel. It describes the functions and operational characteristics of the system and its components, including the methods that can be used to ensure the accuracy of data prepared for forwarding to the host system for processing. A general knowledge of IBM System/370 data processing and of data communication concepts is assumed.  
Manual, 8 x 11 inches, 182 pgs, 2/78  
//09/3760/

GA33-4562

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION CONFIGURATION GUIDELINES  
This manual lists the specify and special features for any configuration, for both the 3791 Controller and the attached 3760 Key Entry Stations. It provides customer and IBM personnel with an overview of the units and features of a particular system.  
Manual, 8 x 11 inches, 42 pages, 3/77  
//00/3760/

GA33-4563

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3760 KEY ENTRY STATION SUPERVISOR GUIDE  
This publication describes the tasks of the supervisor, related to the 3760 Key Entry Station and the 3791 Controller. All system functions, to which only the supervisor has access, are described in detail. Also the functions which can be delegated to authorized operators ("assistant supervisors") are fully explained. In addition, the manual explains such system concepts as storage layout, data handling, and machine operation. Hints on problem determination and error recovery are provided as well.  
It is assumed that the reader is familiar with the operation of the 3760 Key Entry Station.  
Manual, 8 1/2 x 11 inches, 290 pgs, 2/78  
//09/3760/

GA33-4564

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION OPERATOR GUIDE RELEASE 2.6  
This guide contains instructional and reference information for 3760 operating personnel.  
Discussed are the physical operation of the station (keyboard and display), the use of operator commands and function requests, and the actions required in response to messages and error condition codes. Detailed "how to" information is given on record entry, verification of records, scanning of records, and on error correction.  
Manual, 8 1/2 x 11 inches, 44 pages, 7/78  
//09/3760/

GA33-4565

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, MESSAGES  
This manual is intended for personnel who program or operate an IBM 3790 Communication System/Data Entry Configuration. The manual contains operating condition codes, action messages and information messages that may be displayed during processing, and codes that may be displayed during initialization. The message text and message number are accompanied by cause description, system action, and action to be taken by the operator.  
Manual, 8 1/2 x 11 inches, 176 pgs, 1/78  
//40/3760/

GA33-4570

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3762 PAYMENT TRANSACTION PROCESSOR, INTRODUCTION  
Includes basic information about the IBM 3790 Communication System Data Entry configuration using the 3762 Payment Transaction Processor. It describes the method by which this system can check and store numerous batches of records entered through the OCR line on the return part of invoices (stubs), and keyboards, the way documents (checks, stubs, and deposit tickets) can be prepared for bank and internal reference, and the way batches can be transferred to a local or remote computer installation for processing. The information is meant for executives, data processing managers, and remittance processing managers.  
Manual, 8 1/2 x 11 inches, 36 pgs, 2/77  
//09/3762/

GA33-4571

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR, FUNCTIONAL DESCRIPTION  
Includes information about the IBM 3790 Communication System/Data Entry Configuration using the 3762 Payment Transaction Processor. It describes in detail how to prepare for the operation of a system with 3762s attached, and how the data entered is organized on the internal disk of the 3791 Controller, in less detail the supervisor's responsibility of defining the system, data management, and control of transfer, and operator responsibility of entering and scanning data. The information is meant for remittance and processing managers, system analysts and application programmers.  
Manual, 8 1/2 x 11 inches, 132 pgs, 2/77  
//09/3762/

GA33-4572

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR CONFIGURATION GUIDELINES  
Guidelines to help DP managers and IBM marketing representatives in choosing a proper mix of components and features for a data entry configuration. Includes installation worksheet for keeping a record of SYSIMOD parameters.  
Manual, 8 1/2 x 11 inches, 36 pgs, 2/77  
//00/3762/

GA33-4573

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR, SUPERVISOR GUIDE  
Includes information about the IBM 3790 Communication System/Data Entry Configuration using the IBM 3762 Payment Transaction Processor.  
It describes in a procedural manner the preparatory, daily, and occasional supervisory functions, such as how the 3762 Payment Transaction Processing system must be specified from pre-filled in forms and how the data entered by the operators can be handled.  
The information is meant for supervisory personnel at a 3790 Communication System/Data Entry Configuration with 3762 Payment Transaction Processors.  
Manual, 8 1/2 x 11 inches, 194 pgs., 7/77  
//09/3762/

GA33-4574

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, IBM 3762 PAYMENT TRANSACTION PROCESSOR OPERATOR GUIDE REL 2  
This guide contains instructional and reference information for 3762 operating personnel.  
The main items discussed are: the physical operation of the station (keyboard, display panel, document handling, etc.), the use of operator commands and function requests, and the actions required in response to messages and error condition codes. Detailed "how to" information is given on single-stub transactions, multi-stub transactions, agent

transactions, error correction, jam removal, and maintenance of the 3762 imprinting devices (inscriber, audit trail printer, endorser, journal tape printer).  
Manual, 8 1/2 x 11 inches, 60 pgs, 1/78  
//09/3762/

GA33-4576

3762 PAYMENT TRANSACTION PROCESSOR  
PAPER & PRINTING REQUIREMENTS

Guidelines to aid those responsible for the design and printing of OCR documents (invoice stubs) to be read by the 3762. Includes specifications for paper, printed characters, and background ink, as well as hints for adjusting IBM printers for OCR work.  
Manual, 8 1/2 x 11 inches, 60 pgs, 2/77  
//09/3762/

GA33-4577

3762 PAYMENT TRANSACTION PROCESSOR MODEL 21 (RPQ MH7024)  
Describes the principles and application of the IBM 3762 Model 21 which uses punched cards as turnaround documents in payment transaction processing as opposed to the OCR method used by the standard 3762 (Model 1). References the IBM 3790 Communication System/Data Entry Configuration publications for aspects and features that are common to both devices or general to the system in which they are used.  
Manual, 28 pages, 7/78  
//14/3762/

GA66-0001

3614 CONSUMER TRANSACTION FACILITY OPERATOR GUIDE  
(WITH FEATURES)

This 3614 Operator's Guide is a major revision of the First Edition (Order Number GA66-0001-0) and incorporates TNLS GN66-0001, GN66-0004, and GN66-0005. This manual is applicable to Version 2 and Version 3 machines, which appear alike, but have small differences in operation. There is no special designation on Version 2 machines; however, a number 3 (numeric decal) is placed in the upper right corner of the operator/CE panel to designate a Version 3 machine. Operations that are not applicable to both versions are identified as such in the text. Information regarding the optional transaction statement printer and the optional depository, for all 3614 models, is also included.  
Manual, 84 pages, 7/5  
//08/3614/

GA66-0002

3614 CONSUMER TRANSACTION FACILITY ACCESSORY GROUP  
OWNER'S MANUAL THROUGH THE WALL MODELS

This manual provides maintenance information for the IBM 3614 Accessory Group.  
Operating procedures for the Sargeant and Greenleaf combination lock are also included.  
Intended readers are the customer's service personnel.  
Manual, 38 pages, 11/75  
//10/3614/

GA66-0004

3614 CONSUMER TRANSACTION FACILITY OPERATOR'S GUIDE WITH  
EXPANDED FUNCTION FEATURES GROUP

This 3614 Operator's Guide is similar to the earlier 3614 Operator's Guide, GA66-0001, for Controller Data Versions 2 and 3. This manual is for Controller Data Version 5 only. It uses the Data Encryption Standard (DES) technique for data transmission security.  
Data related to optional feature "Expanded Function Group" is also included. This optional feature includes Transaction Journaling, Transaction Chaining, and Check Cashing.  
The manual is for operators and service representatives for use in operating the 3614, and for problem determination and resolution.  
Manual, 88 pgs, 2/77  
//08/3614/

GA66-0005

3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER  
TRANSACTION FACILITY CURRENCY CARTRIDGE OWNER'S MANUAL

This publication is a reference manual for the IBM 3624 Consumer Transaction Facility (CTF). It provides operating and maintenance information for the IBM 3624 Currency Cartridge and the IBM 3624 Depository Cartridge. It is intended for use by financial institution personnel who load, unload and service these cartridges. A Parts Catalog for each type of cartridge is included in the Appendix.  
Manual, 8 1/2 x 11 inches, 72 pages, 12/79  
//09/3624/

GA66-0006

3624 CONSUMER TRANSACTION FACILITY OPERATOR'S GUIDE

This 3624 Operator's Guide is to be used primarily by the financial institution personnel. The manual provides data divided into three major sections: General Information, Operating Procedures, and Problem Recovery. All switches, controls, indicator lamps, operating procedures, and steps the financial institution is responsible for taking care of

are described within the manual.  
Manual, 8 1/2 x 11 inches, 84 PAGES, 3/79  
//09/3624/

GA66-0012

3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER  
TRANSACTION FACILITY, ACCESSORIES OWNER'S MANUAL

This book describes all of the accessory items for the IBM 3624 Consumer Transaction Facility, except the currency cartridge, which is described in a separate manual. It tells how to use the combination lock on the heavy-duty enclosure, how to open the enclosure door, and how to recover from problems. The book includes information for ordering parts for the accessories described.  
Manual, 8 1/2 x 11 inches, 76 PAGES, 2/79  
//09/3624/

GBOF-3301

FDP/IUP AVAILABILITY NOTICES: DISTRIBUTION INDUSTRY  
APPLICATIONS

This Bill of Forms contains FDP/IUP Availability Notices relating to Distribution Industry Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1481.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.  
Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3302

FDP/IUP AVAILABILITY NOTICES: EDUCATION INDUSTRY  
APPLICATIONS

This Bill of Forms contains FDP/IUP Availability Notices relating to Education Industry Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1482.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.  
Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3303

FDP/IUP AVAILABILITY NOTICES: FINANCE INDUSTRY  
APPLICATIONS

This Bill of Forms contains FDP/IUP Availability Notices relating to Finance Industry Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1483.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.  
Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3304

FDP/IUP AVAILABILITY NOTICES: STATE AND LOCAL GOVERNMENT  
INDUSTRY APPLICATIONS

This Bill of Forms contains FDP/IUP Availability Notices relating to State and Local Government. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1490.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.  
Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY







GBOF-3315

FDP/IUP AVAILABILITY NOTICES: APL SUPPORT AND APPLICATIONS  
This Bill of Forms contains FDP/IUP Availability Notices relating to APL Support and Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1432.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3323

FDP/IUP AVAILABILITY NOTICES: CICS AIDS AND SUPPORT  
This Bill of Forms contains FDP/IUP Availability Notices relating to CICS Aids and Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1423.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3316

FDP/IUP AVAILABILITY NOTICES: TEXT AND OFFICE SYSTEMS APPLICATIONS

This Bill of Forms contains FDP/IUP Availability Notices relating to Text and Office Systems Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1408.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3324

FDP/IUP AVAILABILITY NOTICES: IMS DATA COMMUNICATION AIDS

This Bill of Forms contains FDP/IUP Availability Notices relating to IMS Data Communication Aids. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1424.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3320

FDP/IUP AVAILABILITY NOTICES: DATA BASE/DATA COMMUNICATIONS SYSTEMS

This Bill of Forms contains FDP/IUP Availability Notices relating to Data Base/Data Communications Systems. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1420.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3325

FDP/IUP AVAILABILITY NOTICES: DOS/VSE, DOS/VS AND DOS AIDS AND SUPPORT

This Bill of Forms contains FDP/IUP Availability Notices relating to DOS/VSE, DOS/VS and DOS Aids and Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1425.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3321

FDP/IUP AVAILABILITY NOTICES: DL/I (DOS/VS) AIDS

This Bill of Forms contains FDP/IUP Availability Notices relating to DL/I (DOS/VS) Aids. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1421.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3326

FDP/IUP AVAILABILITY NOTICES: MVS, SVS, VS1 AND OS AIDS AND SUPPORT

This Bill of Forms contains FDP/IUP Availability Notices relating to MVS, SVS, VS1 and OS Aids and Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1426.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3322

FDP/IUP AVAILABILITY NOTICES: IMS DATA BASE AIDS

This Bill of Forms contains FDP/IUP Availability Notices relating to IMS Data Base Aids. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1422.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3330

FDP/IUP AVAILABILITY NOTICES: INTERACTIVE AND PERSONAL COMPUTING APPLICATIONS

This Bill of Forms contains FDP/IUP Availability Notices relating to Interactive and Personal Computing Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1430.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3331

FDP/IUP AVAILABILITY NOTICES: TIME-SHARING-OPTION (TSO)  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Time-Sharing-Option (TSO). It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1431.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3333

FDP/IUP AVAILABILITY NOTICES: QUERY PROGRAMS AND SUPPORT  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Query Programs and Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1433.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3334

FDP/IUP AVAILABILITY NOTICES: BASIC LANGUAGE APPLICATIONS AND SUPPORT  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Basic Language Applications and Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1434.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3340

FDP/IUP AVAILABILITY NOTICES: SYSTEMS CONTROL - HOST SYSTEMS  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Systems Control - Host Systems. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1440.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3351

FDP/IUP AVAILABILITY NOTICES: DISTRIBUTED SYSTEMS (3790 8100/DPCX)  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Distributed Systems (3790 8100/DPCX). It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1451.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3352

FDP/IUP AVAILABILITY NOTICES: DISTRIBUTED SYSTEMS  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Distributed Systems. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1452.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3361

FDP/IUP AVAILABILITY NOTICES: VM AND CMS SUPPORT AND APPLICATIONS  
 This Bill of Forms contains FDP/IUP Availability Notices relating to VMA and CMS Support and Applications. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1461.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3362

FDP/IUP AVAILABILITY NOTICES: PRINTING SUBSYSTEMS AND SUPPORT (3800)  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Printing Subsystems and Support (3800). It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1462.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3363

FDP/IUP AVAILABILITY NOTICES: STORAGE SUBSYSTEMS SUPPORT  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Storage Subsystems Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1463.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

## GBOF-3364

FDP/IUP AVAILABILITY NOTICES: COMMUNICATIONS SYSTEMS DEVICE AND MANAGEMENT SUPPORT  
 This Bill of Forms contains FDP/IUP Availability Notices relating to Communications Systems Device and Management Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1464.

Specific content of each BOF is included in the latest update to the IBM Publications Price List.

Availability Notices  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3365

FDP/IUP AVAILABILITY NOTICES: CONVERSION AND EMULATION SUPPORT

This Bill of Forms contains FDP/IUP Availability Notices relating to Conversion and Emulation Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category. Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1465.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3366

FDP/IUP AVAILABILITY NOTICES: I/O UTILITIES

This Bill of Forms contains FDP/IUP Availability Notices relating to I/O Utilities. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1466.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3367

FDP/IUP AVAILABILITY NOTICES: DATA MANIPULATION AND SORTING SUPPORT

This Bill of Forms contains FDP/IUP Availability Notices relating to Data Manipulation and Sorting Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1467.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3368

FDP/IUP AVAILABILITY NOTICES: JOB ENTRY SYSTEMS

This Bill of Forms contains FDP/IUP Availability Notices relating to Job Entry Systems. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1469.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3391

FDP/IUP AVAILABILITY NOTICES: COMPUTER BASED TRAINING

This Bill of Forms contains FDP/IUP Availability Notices relating to Computer Based Training. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1401.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3392

FDP/IUP AVAILABILITY NOTICES: DATA ENTRY SYSTEMS AND SUPPORT

This Bill of Forms contains FDP/IUP Availability Notices

relating to Data Entry Systems and Support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1402.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3393

FDP/IUP AVAILABILITY NOTICES: SCIENTIFIC AND ENGINEERING APPLICATIONS AND SUPPORT

This Bill of Forms contains FDP/IUP Availability Notices relating to Scientific and Engineering Applications and support. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1403.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3394

FDP/IUP AVAILABILITY NOTICES: PROJECT MANAGEMENT

This Bill of Forms contains FDP/IUP Availability Notices relating to Project Management. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1404.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3395

FDP/IUP AVAILABILITY NOTICES: APPLICATION DEVELOPMENT

This Bill of Forms contains FDP/IUP Availability Notices relating to Application Development.

All of the -33xx series of BOFs are Availability Notices which a customer may initially order through the SLSS order number section (on the back of Z120-1816).

Availability Notices for applicable newly released FDPs and IUPs will be added to this BOF. SLSS subscribers which have included this BOF will receive automatic distribution of such notices.

IBM personnel can also receive automatic distribution of newly released product Availability Notices related to this subject through DAPS code 1405.

Specific content of each BOF is included in the latest update to the IBM Publications Price List. Availability Notices

SLSS - ORDER NO. SUBSCRIPTION ONLY

GBOF-3396

FDP/IUP AVAILABILITY NOTICES: SYSTEMS AND INSTALLATION MANAGEMENT

This Bill of Forms contains FDP/IUP Availability Notices relating to Systems and Installation Management. It is one of a series of BOFs starting with GBOF-3301 that when added to a customer's SLSS subscription will generate the shipment of an initial library and subsequent additions to the category.

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GBOF-3397

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This Bill of Forms contains FDP/IUP Availability Notices relating to Languages and Program Generators. It is one of a series of BOFs starting with GBOF-3301 that when added to

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system.

The book contains an introduction describing overall system operation, and then sections giving detailed operation of each application.

It is assumed that the user of the book is familiar with the mathematical algorithms utilized by the various applications.

This system is a modification of the ERIPS System developed for NASA JSC under Contract NAS-9-996. The ER-MAN II is functionally identical to ERIPS but includes modifications to use a different set of terminal hardware. Manual, 36 pages, 04/76  
////5790-ARB,5799-ARX

LB11-5002

INTEGRATED CIVIL ENGINEERING SYSTEM (ICES) STRUCTURAL DESIGN LANGUAGE (STRUDDL) SYSTEMS GUIDE SPECIAL PROGRAM 5790-ARA

The purpose of this manual is to give system programmers information on the ICES system and the STRUDDL II subsystem. The manual contains:

- o A description of the commands and load modules
- o Lists of subroutines
- o Plotter software
- o Error Messages

Manual, 142 pages, 3/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5008

EARTH RESOURCES - MANAGEMENT II (ER-MAN-II) USER'S GUIDE INFORMATION, PROG NOS 5740-ARB, 5799-ARX

The purpose of the ER-MAN II User's Guide is to provide users of the ER-MAN II version of ERIPS with all information required to allow efficient use of the system.

The book contains an introduction describing overall system operation, and then sections giving detailed operation of each application.

It is assumed that the user of the book is familiar with the mathematical algorithms utilized by the various applications.

This system is a modification of the ERIPS System developed for NASA JSC under Contract NAS-9-996. The ER-MAN II is functionally identical to ERIPS but includes modifications to use a different set of terminal hardware. Manual, 212 pages, 3/76  
////5799-ARX,5790-ARB

SB11-5003

INTEGRATED CIVIL ENGINEERING SYSTEM (ICES) STRUCTURAL DESIGN LANGUAGE (STRUDDL) USER'S GUIDE, PROG 5790-ARA

The first part of this manual contains information on the ICES commands which may be used during a run.

The second and third parts are a paragraph update of MIT User's Manuals.

The fourth part is an update of the MIT ICES Programmers Reference Manual.

Manual, 152 pages, 3/76

////5790-ARA/WT-ONLY

SB11-5019

SYSTEM/370 DORTMUND LIBRARY SYSTEM, IFF 5787-DAA, LIBRARIAN'S GUIDE

The Dortmund Library System (Dortmunder Bibliothekssystem, DOBIS), developed by the University of Dortmund, is an online library cataloging and searching system designed for university, public, special, and national libraries. This guide explains the system for the librarian.

Entry of and changes to all catalog records are made online and in real time. Careful design of the user interface and integration of authority files in the cataloging procedure makes the system easy and fast to use. Individual libraries and their branches as well as library networks are supported. Catalog records are fully MARC compatible.

Online searches of an up-to-date catalog with eight indexes are made with a simple one-question/one-answer dialog. Keyword author and title indexes improve access to bibliographic information. An online shelf list provides better access to library holdings.

Manual, 8 1/2 x 11 inches, 102 pages, 11/78

////5787-DAA/WT-ONLY

GB11-5004

IBM INTEGRATED CIVIL ENGINEERING SYSTEM (ICES) STRUDDL II - PROG PROD 5790-ARA, NOTICE

The Integrated Civil Engineering System (ICES) is a series of computer programs originally developed at MIT in 1964, for solving a broad class of engineering problems. The subsystem ICES STRUDDL helps solve structural analysis and design problems. It may be used for linear elastic, static, and dynamic analysis of plane or spatial, framed, continuous or mixed structures.

ICES STRUDDL has been used, corrected and developed at IBM France Data Center since 1970. The set of programs which IBM is releasing herewith includes major developments concerning the ICES system itself as well as the STRUDDL subsystem, in terms of

- Additional functional capabilities,
- High grade of debugging, and
- Significant performance improvements.

Flyer, 4 pages, 11/75

////5790-ARA/WT-ONLY

LB11-5023

DORTMUND LIBRARY SYSTEM, IFF 5787-DAA, -DAB, SYSTEMS GUIDE

This Dortmund Library System (Dortmunder Bibliothekssystem, DOBIS), developed by the University of Dortmund, is an online library cataloging and searching system designed for university, public, special, and national libraries. This guide explains the system for systems personnel.

Technical information is given about the user interface, the data base, DOBIS application programs, DOBIS system programs, the DOBIS-MARC (DMARC) interface, and file record formats.

Manual, 8 1/2 x 11 inches, 166 pages, 9/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5005

INTEGRATED CIVIL ENGINEERING SYSTEM (ICES) STRUCTURAL DESIGN LANGUAGE (STRUDDL) OPERATOR'S GUIDE SPECIAL PROG 5790-ARA

This manual describes the installation tasks and the job Control Language cards to execute or update ICES and its subsystems.

The manual also contains a sample problem.

Manual, 62 pages, 3/76

////5790-ARA/WT-ONLY

SB11-5024

SYSTEM/370 DORTMUND LIBRARY SYSTEM, IFF 5785-DAA, INSTALLATION AND OPERATIONS GUIDE

The Dortmund Library System (Dortmunder Bibliothekssystem, DOBIS), developed by the University of Dortmund, is an online library cataloging and searching system designed for university, public, special, and national libraries. This guide is intended to help both librarians and systems programmers with the installation of the system and thereafter to aid in its day-to-day operation.

Topics covered include: tailoring the system to meet the requirements of a specific library or library network, starting CICS, online maintenance, background processing, DOBIS utilities, file recovery, and file reconstruction. Manual, 8 1/2 x 11 inches, 118 pages, 11/78  
////5787-DAA/WT-ONLY

GB11-5006

ER-MAN II SYSTEM/370 EARTH RESOURCES - MANAGEMENT II IUP INTERNATIONAL INSTALLED USER PROGRAM 5790-ARB

Earth Resources - Management II (ER-MAN II) is part of an interactive system designed to aid an analyst performing research using remotely sensed data.

Current applications using remotely sensed data from satellite and aircraft include:

- o Mineral and petroleum exploration
- o Land use
- o Crop assessment
- o Hydrology
- o Astronomy
- o Environment impact

ER-MAN II is based on the Earth Resources Interactive Processing System (ERIPS) developed by the National Aeronautic and Space Administration (NASA), and has been in use at the Johnson Space Center, Houston, since 1972.

Although ERIPS is provided with ER-MAN II, only the IBM modifications are licensed under the Special Program Amendment for ER-MAN II.

Flyer, 4 pages, 1/76

////5790-ARB,5799-ARX/WT-ONLY

GB11-5026

INTERNATIONAL FIELD PROGRAMS, PROGRAM PRODUCTS, PROGRAM DESCRIPTION & INDEX

This booklet gives descriptions of current International Field Programs released through the International Field Program Center in Uithoorn and Program Products released through the Program Product Development Centers in Europe through 1 April 1982. The programs are divided into seven different groups according to the type of application. Unless otherwise indicated, the manuals for the various programs are in English. The programs are listed in alphabetical order at the beginning of the booklet and according to application type at the end. Consult your local IBM marketing organization regarding the prices of the programs listed in this booklet and their availability in

GB11-5007

EARTH RESOURCES MANAGEMENT II (ER-MAN II), GENERAL INFORMATION, PROG NOS 5740-ARB, 5799-ARX

The purpose of the ER-MAN II General Information Manual is to provide users of the ER-MAN II version of ERIPS with all the information required to allow efficient use of the

your country.  
Manual, 21.8 x 10.6 cm, 230 pages, 5/82  
360,370,8130,8140,4331,4341,3081,4321,3083//20//WT-ONLY

## GB11-5027

IBM S370 DOS/VS INTERACTIVE PROJACS (ONLINE ACCESS FROM WORKPLACE, DIALOG ORIENTED; RAPID OUTPUT) INTERNATIONAL FIELD PROGRAM 5785-DAC  
The Interactive PROJACS Availability Notice explains the System, Installation and other Requirements for this International Field Program. It also gives reference material compatibility.

Interactive PROJACS is an International Field Program Supplement to the IBM Program Product, Project and Analysis Control System (PROJACS), 5746-XP1 (DOS/VS).

All four PROJACS processors (Main, Network Preparation, Resource Allocation, and Cost Evaluation) are supported.

The user has immediate access from his working place via a data display station to the data processing system. He is able to continuously change, update, and revise his networks by passing back and forth between input and output. This procedure facilitates the optimization of the network processing from the working place of the supervisor (for example, Planner, Building Foreman). Interactive PROJACS is especially suitable for projects, in which rapid output is required and/or immediate reaction to certain situations is needed (for example, simultaneous project analyses at conferences).

Flyer, 8 1/2 x 11 inches, 4 pages, 1/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## SB11-5028

INTERACTIVE PROJACS, IFP 5785-DAC, DESCRIPTION/OPERATIONS  
This PDOM describes the facilities of the program, the individual components, the installation, and the adaptation to an existing user system.

A special section deals with important and useful information for the user of Interactive PROJACS DOS/VS.

The conclusion describes all possible error messages, restrictions, and limits of the system as well as sample generation.

Interactive PROJACS DOS/VS facilitates the input of PROJACS data and control cards, the start of PROJACS jobs, and the display of lists on a data station (IBM 3270 Information Display System) physically removed from the central processor.

For the operation of Interactive PROJACS DOS/VS, an IBM System/370 PROJACS DOS/VS (Program Product 5746-XP1) and a CICS/VS system (Release 1.4) must already be installed.

Manual, 8 1/2 x 11 inches, 86 pages, 6/79  
////5785-DAC/WT-ONLY

## LB11-5029

IBM SYSTEM/370 INTERACTIVE PROJACS SYSTEMS GUIDE, INTERNATIONAL FIELD PROGRAM 5785-DAC (DOS/VS)

This System Guide is intended for system programmers who are in charge of the maintenance of Interactive PROJACS DOS/VS, Program Number 5785-DAC. For a full understanding of this manual, the reader should have a good knowledge of CICS/DOS/VS and the cross-partition communication feature of DOS/VS. He should be familiar with IBM S/370 PROJACS DOS/VS, Program Product 5746-XP1, Version 1.3.

Section 1 describes briefly the structure of the whole system, the interaction between the Online Processor modules and CICS/DOS/VS, and the communication with the Batch Processor program.

Section 2 describes the structure of the User Task program (DPK\$UT)

Section 3 describes the layout of the System Control Table (DPK\$SCT)

Section 4 describes briefly the functions performed by the Print Task program (DPK\$PT)

Section 5 describes the program flow of the Control Task program (DPK\$CT)

Section 6 gives an overview of the modules contained in the Batch Processor program with references to the related IBM S/370 PROJACS DOS/VS modules.

Manual, 8 1/2 x 11 inches, 52 pgs, 1/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## GB11-5031

ONLINE EDITORIAL SYSTEM, 3270 USUAL DISPLAY SYSTEM FAST ONLINE TEXT ENTRY AND EDIT, IFP 5785-DAE, NOTICE

This program offers text handling facilities such as input, correction, editing, and production control for newspaper, periodical and book editors. The Online Editorial System is used for the online entry and correction of editorial copy, in IBM video display terminals. It can be used with both the PRINTEXT/370 Program Product and other customer developed batch composition programs. It operates under DOS/VS and CICS/VS and uses the 3270 Display System.

Flyer, 8 pages, 12/78  
////5785-DAE/WT-ONLY

## SB11-5032

SYSTEM/370 ONLINE EDITORIAL SYSTEM, IFP 5785-DAE, DESCRIPTION AND OPERATIONS

This manual contains information required for planning and installation of the Online Editorial System and to implement it into a System/370 for subsequent execution under control of the IBM Customer Information Control System (CICS/VS) and DOS/VS. This publication contains information on the

editorial functions, on the installation and on operation of the Online Editorial System International Field Program (IFP).

The reader should be familiar with the principles of teleprocessing and is expected to have a basic understanding of the printer's terminology used throughout this publication.

Manual, 8 1/2 x 11 inches, 342 pages, 4/78  
////5785-DAE/WT-ONLY

## LB11-5033

S/370 ONLINE EDITORIAL SYSTEM, IFP 5785-DAE, SYSTEMS GUIDE

This licensed material gives information on the internal data flow and a detailed description of all program modules and DSCTS. It is intended for system programmers responsible for the generation and installation of the Online Editorial System International Field Program (IFP) and for those application programmers who must implement customer individual routines. Detailed information is provided about the user exits provided for this purpose.

Manual, 8 1/2 x 11 inches, 332 pages, 4/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## SB11-5034

S/370 ONLINE EDITORIAL SYSTEM PROGRAMM-/BEDIENERHANDBUCH, IFP 5785-DAE, GERMAN LANGUAGE VERSION OF SB11-5032

This is a German language version of SB11-5032, IBM System/370 Online Editorial System Program Description and Operations Manual.

Manual, 8 1/2 x 11 inches, 460 pages, 11/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## LB11-5035

IBM SYSTEM/370 ONLINE EDITORIAL SYSTEM SYSTEMHANDBUCH, IFP 5785-DAE, GERMAN LANGUAGE VERSION OF LB11-5033

This is a German language version of SB11-5033 IBM System/370 Online Editorial System, Systems Guide.

Manual, 8 1/2 x 11 inches, 466 pages, 11/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## GB11-5036

14-DIGIT FIELD FOR PC/3600 - EXTENDS COMPUTATIONAL FIELDS AND IDENTIFYING NUMBER, IFP 5785-KAA, -KAB NOTICE

This International Field Program extends the Program Customizer for the IBM 3600 Finance Communication System to handle computational numbers and identifying numbers containing up to 14 digits. Intermediate results of multiplication and division are carried to 21 digits of precision.

This flyer describes the functional and operational characteristics of the enhancements in the Transaction Builder and the program modifications required. It is assumed that the programmer has a working knowledge of the Program Customizer.

Flyer, 8 1/2 x 11 inches, 4 pages, 5/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## SB11-5037

SYSTEM/370 14-DIGIT COMPUTATIONAL FIELDS FOR THE PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM, IFP 5785-KAA, -KAB, DESCRIPTION/OPERATIONS

This International Field Program extends the Program Customizer for the IBM 3600 Finance Communication System to handle computational numbers and identifying numbers containing up to 14 digits. Intermediate results of multiplication and division are carried to 21 digits of precision.

This manual describes the functional and operational characteristics of the enhancements in the Transaction Builder and the program modifications required. It is assumed that the programmer has a working knowledge of the Program Customizer.

Manual, 8 1/2 x 11 inches, 42 pages, 5/79  
////5785-KAA, 5785-KAB/WT-ONLY

## LB11-5038

SYSTEM/370 14-DIGIT COMPUTATIONAL FIELDS FOR THE PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM, IFP 5785-KAA, -KAB, LOGIC

This International Field Program extends the Program Customizer for the IBM 3600 Finance Communication System to handle computational numbers and identifying numbers containing up to 14 digits. Intermediate results of multiplication and division are carried to 21 digits of precision.

This manual describes the logic of the various programming units particular to the program. It assumes familiarity with the documentation and terminology of the Program Customizer.

Manual, 8 1/2 x 11 inches, 26 pages, 5/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## GB11-5075

3790 ASSEMBLY LISTING POST PROCESSOR IFP 5785-FAC, NOTICE

This program, written in System/370 Assembler language, offers significant improvements in IBM 3790 program development. It helps decrease the time to read, test, debug, tune, and document IBM 3790 programs.

The program takes the output listing of the assembly and produces a new assembly listing with the following

## improvements:

- More readable listing, with location addresses
  - Page boundary indications
  - Indication of the number of paging operations caused by branch-type instructions
  - A program characteristics summary report
- Manual, 8 1/2 x 11 inches, 6 pages, 3/78  
 ///5785-FAC/WT-ONLY

SB11-5076

3790 ASSEMBLY POST PROCESSOR, IFP 5785-FAC, DESCRIPTION/OPERATIONS

- Gives the programmer a readable assembly listing without use of the PRINT NOGEN option, which suppresses the printing of the local address of the 3790 instructions. The location addresses are used for the PVS program and the 3791 controller in their error messages.
- Gives the programmer an easy way to debug and tune his 3790 program by means of messages on the assembly listing indicating:
  - the page boundaries
  - the number of paging forced by branch type instructions
  - the destination location address.
- Gives a summary report showing the general characteristics of the 3790 program. This report can be useful to document and maintain the 3790 programs and applications

The 3790 Postprocessor Program is written in Assembler language. It can be executed under these SCPs: DOS/V5 POWER/V5 Release 33 or later, OS/V51 Release 5 and OS/V52 Release 3.7 and VM/370 CMS Release 3 and subsequent releases.

Manual, 8 1/2 x 11 inches, 14 pages  
 ///5785-FAC/WT-ONLY

GB11-5077

INTERACTIVE PROGRAMMING BY END USERS SYSTEM/370 VS APL, IFP 5785-DAT, NOTICE

Interactive Programming by End Users (IPE) helps to automate, easily and effectively, applications that occur in every department of any organization, such as reporting and accounting. Using IPE, engineering worksheets for recurring complex formulas or salesmen's order sheets, and many similar applications using forms or worksheets may be defined. IPE can be used by professionals with little DP knowledge and programming experience for developing, using, and maintaining forms with built-in calculation specifications. Thus, using IPE, a department is able to handle many calculation problems without requiring help from the DP department.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

GB11-5085

APL CONTINUOUS SYSTEM MODELING: DEFINITION AND EXECUTION OF DIGITAL MODELS FOR CONTINUOUS SYSTEMS, IFP 5785-DAE, -KAF

The APL Continuous System Modeling Program Availability Notice explains the System Installation and other requirements of this International Field Program. It also gives reference material and compatibility.

APL Continuous System Modeling Program (APL-CSMP) is a set of interactive APL functions that enable the user to define and execute digital computer models of continuous systems. These models are sets of mathematical equations which may contain certain predefined mathematical functions and special operation blocks, supplied by APL-CSMP. Facilities allowing definition and changing of parametric data, end conditions, error bounds for computations, selection of the integration method, and control of the display of the results produced by the simulation run can also be included within the model.

The source language has a syntax very similar to that of CSMP-III (Program Number 5734-KS9). Users with a previous knowledge of this language will find it very easy to use APL-CSMP.

Flyer, 8 1/2 x 11 inches, 6 pages, 2/78  
 ///5785-KAE,5785-KAF/WT-ONLY

SB11-5086

IBM SYSTEM/370 APL CONTINUOUS SYSTEM MODELING PROGRAM, DESCRIPTION AND OPERATIONS, INTERNATIONAL FIELD PROGRAMS 5785-KAE, 5785-KAF

The purpose of this PDOM is to describe the structure and operations of the APL Continuous System Modeling Program (APL-CSMP).

Knowledge of APL is assumed on the part of the reader. For working examples, see User's Guide, SB11-5087.

Manual, 8 1/2 x 11 inches, 20 pgs, 2/78  
 ///5785-KAE,5785-KAF/WT-ONLY

SB11-5087

S/370 APL CONTINUOUS SYSTEM MODELING PROGRAM, IFP 5785-KAE, -KAF, USER'S GUIDE

APL Continuous System Modelling Program (APL-CSMP) is a digital continuous simulation language with a syntax similar to that of CSMP-III. It operates in an APL work space and gives to the APL user the possibility of building and debugging his models of continuous systems in an easy interactive way, at the same time providing the possibility of interfacing those models with APL functions, in this way incorporating to the simulation language the powerful

## computing capabilities of APL.

This users guide describes APL-CSMP and includes examples of its use.

Manual, 8 1/2 x 11 inches, 46 pgs, 2/78  
 ///5785-KAE,5785-KAF/WT-ONLY

GB11-5140

VTAM MONITOR FOR 3790 COMMUNICATION SYSTEM, PROGRAMMING RPQ, LIC PROG 5799-AJX, NOTICE

This publication is written for application programmers and operators who apply the program. It also provides information for the system programmer who wishes to adapt the program to specific installation requirements.

The IBM 3790 Communication System offers, besides online processing, the possibility of collecting and processing data offline. Prepared data can be transmitted to the host computer by a VTAM Application Program (API).

The VTAM Monitor Program for the IBM 3790 Communication System completely relieves the user of developing programs that transmit data from the host to the subsystem or vice versa.

Flyer, 8 1/2 x 11 inches, 4 pages, 7/78  
 ///5799-AJX

SB11-5141

SYSTEM/370 VTAM MONITOR PROGRAM FOR THE IBM 3790 COMMUNICATION SYSTEM PROGRAMMING RPQ X99900, LIC PROG 5799-AYS DESCRIPTION/OPERATIONS

This publication is written for application programmers and operators who apply the program. It also provides information for the system programmer who wishes to adapt the program to specific installation requirements.

The IBM 3790 Communication System offers, besides online processing, the possibility of collecting and processing data offline. Prepared data can be transmitted to the host computer by a VTAM Application program (API).

The VTAM Monitor Program for the IBM 3790 Communication System completely relieves the user of developing programs that transmit data from the host to the subsystem or vice versa.

Manual, 8 1/2 x 11 inches, 140 pages, 07/78  
 ///5799-AJX

GB11-5145

VTAM MONITOR FOR IBM 3650 RETAIL STORE SYSTEM, IFP 5785-DAZ, NOTICE

This Availability Notice is written for application programmers and operators who apply the program. It also provides information for the system programmer who wishes to adapt the program to specific installation requirements.

Provides information required to install and use and, if necessary, to modify the program.

The IBM 3650 Retail Store System offers, besides online processing, the possibility of collecting and processing data offline. Prepared data can be transmitted to the host computer by a VTAM Application Program (API).

The VTAM Monitor Program for the IBM 3650 Retail Store System completely relieves the user of developing programs that transmit data from the host to the subsystem or vice versa.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/78  
 ///5785-DAZ

SB11-5146

S/370 VTAM MONITOR PROGRAM FOR THE 3650 RETAIL STORE SYSTEM PROGRAM, IFP 5785-DAZ, DESCRIPTION/OPERATIONS

This publication is written for application programmers and operators who apply the program. It also provides information for the system programmer who wishes to adapt the program to specific installation requirements. Provides information required to install and use and, if necessary, to modify the program.

The IBM 3650 Retail Store System offers, besides online processing, the possibility of collecting and processing data offline. Prepared data can be transmitted to the host computer by a VTAM Application Program (API).

The VTAM Monitor Program for the IBM 3650 Retail Store System completely relieves the user of developing programs that transmit data from the host to the subsystem or vice versa.

Manual, 8 1/2 x 11 inches, 140 pages, 07/78  
 ///5785-DAZ/WT-ONLY

GB11-5150

VTAM MONITOR FOR IBM 3650 WITH CASH AND CARRY FUNCTIONS, IFP 5785-DBA, NOTICE

Remote data processing stations often require batch data exchange with a central processor. Much effort as well as skill is required to develop the relevant software.

The VTAM Monitor Program for the IBM 3650 Retail Store System with Cash and Carry Functions offers a package of functions that relieve the customer of that task. It supports most kinds of batch data exchange between the host and an IBM 3650 Retail Store System with Cash and Carry functions.

An easy-to-apply control language enables the user to define sessions with the IBM 3650 Cash and Carry as well as the file operations to be performed by it.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/78  
 ///5785-DBA



SB11-5151

SYSTEM/370 VTAM MONITOR PROGRAM FOR THE 3650 RETAIL STORE SYSTEM WITH CASH AND CARRY FUNCTIONS PROGRAM DESCRIPTION AND OPERATIONS, IFF 5785-DBA

This publication is written for application programmers and operators who apply the program. It also provides information for the system programmer who wishes to adapt the program to specific installation requirements. Provides information required to install and use and, if necessary, to modify the program.

The IBM 3650 Retail Store System with Cash and Carry Functions offers, besides online processing, the possibility of collecting and processing data offline. Prepared data can be transmitted to the host computer by a VTAM Application Program (API).

The VTAM Monitor Program for the IBM 3650 Retail Store System with Cash and Carry Functions completely relieves the user of developing programs that transmit data from the host to the subsystem or vice versa.

Manual, 8 1/2 x 11 inches, 140 pages, 7/78  
 ///5785-DBA

GB11-5164

BATCH AND REMOTE PRODUCTION INFORMATION AND CONTROL SYSTEM, LIC PROG. 5787-YAA, IBM 4300 PROCESSORS MATERIALS AND COST PLANNING

The Batch and Remote Production Information and Control System (BAPICS) is designed to ensure that existing resources in the manufacturing industry (men, materials, capital, and plant), are consistently employed at a maximum efficiency, thus enabling the companies to maximize the amount of capital available for new investment and minimize their borrowing requirement by providing a computer-based information and planning tool.

BAPICS consists of a batch and online fully integrated set of programs and data bases within one easy-to-install package, comprising 16 subsystems which cover the main manufacturing application areas:

- Engineering change and control
- Inventory accounting and control
- Product and standard costing
- Materials planning
- Order release

The package is written using SPL products, and runs on the series 4300 processors.

Flyer, 8 1/2 x 11 inches, 16 pages, 2/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5165

4300 PROCESSORS, BATCH AND REMOTE PRODUCTION INFORMATION AND CONTROL SYSTEM, IFF 5787-YAA, OPERATIONS GUIDE

The Batch and Remote Production Information and Control System (BAPICS) is designed to assist management in the Production Industries to make better and faster business decisions in the areas of materials management and cost planning.

The day-to-day operation of the system uses online visual display terminals to enquire into the data held, and also allows this data to be manipulated by means of the same terminals, which would normally be situated at the user's place of work.

The physical changing of the data held, the printing of the different reports, and the various analyses are achieved by the normal batch techniques associated with computing.

BAPICS can be installed without the need for special coding, and is implemented in stages by the user by means of control parameters.

The Operations Guide describes how to install and run the package on the computer.

Manual, 8 1/2 x 11 inches, 82 pages, 11/80  
 ///5787-YAA/WT-ONLY

SB11-5166

BATCH AND REMOTE PRODUCTION INFORMATION AND CONTROL SYSTEM, IFF 5787-YAA, ANALYST GUIDE

The Batch and Remote Production Information and Control System (BAPICS) is designed to assist management in the Production Industries to make better and faster business decisions in the areas of materials management and cost planning.

The day-to-day operation of the system uses online visual display terminals to enquire into the data held, and also allows this data to be manipulated by means of the same terminals, which would normally be situated at the user's place of work.

The physical changing of the data held, the printing of the different reports, and the various analyses are achieved by the normal batch techniques associated with computing.

BAPICS can be installed without the need for special coding, and is implemented in stages by the user by means of control parameters.

The Analyst Guide describes the running of the system, and all the parameters that can be modified before each run. It is an instructional manual for the person controlling the system.

Manual, 8 1/2 x 11 inches, 314 pages, 11/80  
 ///5787-YAA/WT-ONLY

SB11-5167

BATCH AND REMOTE INFORMATION AND CONTROL SYSTEM, IFF 5787-YAA, USER'S GUIDE

The Batch and Remote Production Information and Control System (BAPICS) is designed to assist management in the

Production Industries to make better and faster business decisions in the areas of materials management and cost planning.

The day-to-day operation of the system uses online visual display terminals to enquire into the data held, and also allows this data to be manipulated by means of the same terminals, which would normally be situated at the user's place of work.

The physical changing of the data held, the printing of the different reports, and the various analyses are achieved by the normal batch techniques associated with computing.

BAPICS can be installed without the need for special coding, and is implemented in stages by the user by means of control parameters.

The User Guide gives a functionally oriented description of the system, and is intended to be the reference document for the users of the system.

Manual, 8 1/2 x 11 inches, 560 pages, 11/80  
 ///5787-YAA/WT-ONLY

LB11-5168

BATCH AND REMOTE PRODUCTION INFORMATION AND CONTROL SYSTEM, IFF 5787-YAA, SYSTEMS GUIDE

The Batch and Remote Production Information and Control System (BAPICS) is designed to assist management in the Production Industries to make better and faster business decisions in the areas of materials management and cost planning.

The day-to-day operation of the system uses online visual display terminals to enquire into the data held, and also allows this data to be manipulated by means of the same terminals, which would normally be situated at the user's place of work.

The physical changing of the data held, the printing of the different reports, and the various analyses are achieved by the normal batch techniques associated with computing.

BAPICS can be installed without the need for special coding, and is implemented in stages by the user by means of control parameters.

The Systems Guide is a reference document for use when evaluating possible extensions to the data bases, online system configuration and security, and the application function.

Manual, 8 1/2 x 11 inches, 182 pages, 11/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5169

SYSTEM/370 PROBLEM DETERMINATION FOR MVS OPERATORS COMPUTER-BASED TRAINING FOR MVS SYSTEM CONSOLE OPERATORS, IFF 5785-LAC, NOTICE

The "Problem Determination for MVS Operators" course provides training for MVS console operators in all these areas.

The main task of MVS system console operators is to monitor continuously the functional status of the central DP system. Irregularities must be determined and the necessary corrective action initiated by the operators as rapidly as possible.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/78  
 ///5785-LAC/WT-ONLY

SB11-5170

PROBLEM DETERMINATION FOR MVS OPERATORS, IFF 5785-LAC, PROGRAM DESCRIPTION/OPERATIONS MANUAL

This manual describes the International Field Program entitled: "Problem Determination for MVS Operators", 5785-LAC. Included are a course description and procedures to install and administer the course under the Interactive Instructional System, 5748-XX6.

Manual, 8 1/2 x 11 inches, 16 pages, 11/78  
 ///5785-LAC/WT-ONLY

SB11-5172

SYSTEM/370 PROBLEM DETERMINATION FOR MVS OPERATORS IFF 5785-LAC, STUDENT GUIDE

This book contains the necessary material to be used with the course, MVS Problem Determination, Program Number 5785-LAC. The figures serve as illustrations, or are needed to complete the exercises in the course. During the course, the student will be referred to the appropriate pages.

Manual, 8 1/2 x 11 inches, 26 pages, 10/79  
 ///5785-LAC/WT-ONLY

SB11-5174

IBM SYSTEM/370 ONLINE EDITORIAL SYSTEM TERMINAL USERS GUIDE, INTERNATIONAL FIELD PROGRAM 5785-DAE

This manual contains information helpful to anyone wishing to use the Online Editorial System (OLES). OLES transactions and screens are described from the aspect of the terminal user; samples of terminal operation are provided along with detailed explanations of the sample screen activity.

Manual, 8 1/2 x 11 inches, 130 pages, 6/78  
 ///5785-DAE/WT-ONLY

GB11-5175

SELF-SERVICE RETAIL, IFF 5785-DBG, -DBB, -DBT, -DBK, -DBL AND DBN, GENERAL DESCRIPTION

This manual describes the principles and realization of merchandising with electronic data processing in self-service retail through the use of an application at the head

office level in connection with a point-of-sale system for single item data capture at the store level.

The manual is written for a user without specific knowledge of data processing techniques and contains information necessary for understanding the application-relevant functions of the programs.

Manual, 8 1/2 x 11 inches, 56 pages, 5/79  
 ///5785-DBG,5785-DBK,5785-DBL,5785-DBH,5785-DBJ,5785-DBN/  
 WT-ONLY

GB11-5204

IBM 3650 RETAIL STORE SYSTEM HYPERMARKET CASH CONTROL,  
IFP 5785-AAB, NOTICE

The Hypermarket Cash Control for the IBM 3650 International Field Program makes possible rapid processing of data furnished by the checkout stations in a hypermarket, and thus may be considered an essential part of any hypermarket management system.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5205

HYPERMARKET CASH CONTROL FOR THE IBM 3650 PROGRAM  
DESCRIPTION AND OPERATIONS MANUAL, IFP 5785-AAB

The Hypermarket Cash Control for the IBM 3650 International Field Program makes possible rapid processing of data furnished by the checkout stations in a hypermarket, and thus may be considered an essential part of any hypermarket management system.

Manual, 8 1/2 x 11 inches, 52 pages, 8/78  
 ///5785-AAB/WT-ONLY

GB11-5212

VTAM-3790 RAPID TRANSFER, IFP 5787-EAA, NOTICE

VTAM-3790 Rapid Transfer Program (VTAMRTP) is a small VTAM program for the rapid transfer of 3790 function programs, data set control blocks and, optionally, full-screen panels from a System/370 running under DOS/VS to one of two IBM 3791 Controllers.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/78  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5213

SYSTEM/370 VTAM-3790 RAPID TRANSFER PROGRAM PROGRAM  
DESCRIPTION/OPERATIONS, IFP 5787-EAA

This manual provides the basic information required by the customers installation team to prepare the environment for and install the VTAM Rapid Transfer Program for the IBM 3790. This includes disk and storage usage, procedures for generating the program from the distribution material, and examples of the required VTAM environment. Full operating procedures are also detailed, as well as the interpretation of all output listings and error messages produced by the program.

There is no prerequisite reading. The DOS/VS VTAM System Programmer's Guide, GC27-6957, provides the more detailed information required to define precisely the necessary VTAM environment.

Manual, 8 1/2 x 11 inches, 44 pages, 10/78  
 ///5787-EAA/WT-ONLY

GB11-5214

SYSTEM/370 303X PROCESSORS INTERACTIVE ANALYSIS OF  
OPERATIONAL DATA USING CICS/OS/VS, IFP 5785-EAC,

The Interactive Management and Planning System is a powerful and flexible data manipulation and interrogation system. A user-oriented command language supports end users who need not have programming skills. The system is general purpose, but contains specific facilities for geographic data support relevant to local government applications.

This flyer contains information for data administrators and DP personnel responsible for system installation and operation.

Flyer, 8 1/2 x 11 inches, 6 pages, 2/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5215

SYSTEM/370, INTERACTIVE MANAGEMENT AND PLANNING SYSTEM  
UNDER CICS/OS/VS, IFP 5785-EAC, DESCRIPTION/OPERATIONS

The Interactive Management and Planning System is a powerful and flexible data manipulation and interrogation system. A user-oriented command language supports end users who need not have programming skills. The system is general-purpose, but contains specific facilities for geographic data support relevant to local government applications.

This manual contains information for data administrators and DP personnel responsible for system installation and operation.

Manual, 8 1/2 x 11 inches, 134 pages, 2/79  
 ///5785-EAC/WT-ONLY

SB11-5216

SYSTEM/370, INTERACTIVE MANAGEMENT AND PLANNING SYSTEM  
UNDER CICS/OS/VS, IFP 5785-EAC, USER GUIDE

The Interactive Management and Planning System is a powerful and flexible data manipulation and interrogation system. A user-oriented command language supports end users, who need not have programming skills. The system is general-purpose, but contains special facilities for geographic data support

relevant to local government applications.

This manual contains information for the end user of the system.

Manual, 8 1/2 x 11 inches, 170 pages, 2/79  
 ///5785-EAC/WT-ONLY

LB11-5217

SYSTEM/370 INTERACTIVE MANAGEMENT AND PLANNING SYSTEM UNDER  
CICS/OS/VS IFP 5785-EAC, SYSTEMS GUIDE

This manual describes the software architecture of the Interactive Management and Planning System for System/370 installations which operate the IMS/VS Program Product. Each major task is described in terms of the functions performed within it and the programs which are invoked in order to provide these functions.

This manual is directed towards Systems programmers concerned with system maintenance.

Manual, 8 1/2 x 11 inches, 226 pages, 2/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5218

SYSTEM/370 303X PROCESSORS, INTERACTIVE ANALYSIS OF  
OPERATIONAL DATA USING IMS/VS, IFP 5785-EAD, NOTICE

The IBM Interactive Management and Planning System is a powerful tool that allows information relevant to the user's problems to be obtained from operational data quickly and easily. It provides the end user, who need not have programming skills, with the ability to organize and summarize data according to his immediate needs.

It can be used to assist analysis of data for a wide range of applications. In addition, specific functions are provided to support local and regional government, public utilities and other organizations dependent on "geographic" data related to the physical environment.

The user may have online access to data stored in IMS/VS data bases as well as locally stored data. In either case the system supports the same tabular view, so that the user needs no special knowledge of IMS/VS.

Flyer, 8 1/2 x 11 inches, 6 pages, 2/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

SB11-5219

SYSTEM/370, INTERACTIVE MANAGEMENT AND PLANNING SYSTEM  
UNDER IMS/VS PROGRAM, IFP 5785-EAD, DESCRIPTION/OPERATIONS

The Interactive Management and Planning System is a powerful and flexible data manipulation and interrogation system. A user-oriented command language supports end users, who need not have programming skills. Data stored in IMS/VS data bases may be accessed online. The system is general-purpose, but contains specific facilities for geographic data support relevant to local government applications.

This manual contains information for data administrators and DP personnel responsible for system installation and operation.

Manual, 8 1/2 x 11 inches, 210 pages, 2/79  
 ///5785-EAD/WT-ONLY

SB11-5220

SYSTEM/370 INTERACTIVE MANAGEMENT AND PLANNING SYSTEM UNDER  
IMS/VS, IFP 5785-EAD, USER GUIDE

The Interactive Management and Planning System is a powerful and flexible data manipulation and interrogation system. A user-oriented command language supports end users, who need not have programming skills. The system is general purpose, but contains special facilities for geographic data support relevant to local government applications.

This manual contains information for the end user of the system.

Manual, 8 1/2 x 11 inches, 198 pages, 2/79  
 ///5785-EAD/WT-ONLY

LB11-5221

SYSTEM/370 INTERACTIVE MANAGEMENT AND PLANNING SYSTEM UNDER  
IMS/VS, IFP 5785-EAD, SYSTEMS GUIDE

This manual describes the software architecture of the Interactive Management and Planning System for System/370 installations which operate the IMS/VS Program Product. Each major task is described in terms of the functions performed within it and the programs which are invoked in order to provide these functions.

This manual is directed towards Systems Programmers concerned with system maintenance.

Manual, 8 1/2 x 11 inches, 262 pages, 2/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5229

S/370 COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING,  
IUP 5796-ATA THROUGH 5796-ATH, -ATJ, -AWR, -AWT, NOTICE

The Computer-Graphics Augmented Design and Manufacturing (CADAM\*) System is an interactive graphics system for computer-aided design and manufacturing.

The computer-aided design (CAD) portion of the CADAM system comprises a high-performance, high-function design/drafting package together with a number of aids to design analysis. The computer-aided manufacturing (CAM) portion of the system provides capability for numerical-control (NC) part programming.

The CADAM system uses a central design data base for storing and retrieving drawings created by designers and draftsmen. This design data base enables users in both design and manufacturing to share geometric and alphanumeric



data. It facilitates the timely and accurate communication of design information between design and manufacturing and is an important source of CADAM benefits.

\* CADAM is a registered trademark of the Lockheed Corporation

Flyer, 8 1/2 x 11 inches, 16 pages, 11/79  
 ///5796-ATA, 5796-ATB, 5796-ATC, 5796-ATD, 5796-ATE, 5796-ATF,  
 5796-ATG, 5796-ATH, 5796-ATJ, 5796-AWR, 5796-AWT/WT-ONLY

GB11-5230

3650 RETAIL STORE SYSTEM 3650 BRIDGE TO CASHIER ASSIGNMENT SYSTEM, IFP 5785-FAE, NOTICE

This flyer provides information essential for the successful use of the IBM 3650 Bridge to Cashier Assignment System. This bridge allows store managers to make full use of the IBM System/370 Cashier Assignment System by converting an IBM 3660 Transaction Log file into an IBM 3650 Exception Log file so that it can be accepted by the Cashier Assignment System.

Flyer, 8 1/2 x 11 inches, 4 pages, 2/79  
 ///5785-FAE/WT-ONLY

SB11-5231

3650 BRIDGE TO CASHIER ASSIGNMENT SYSTEM, IFP 5785-FAE, DESCRIPTION/OPERATIONS

This manual provides information essential for the successful use of the IBM 3650 Bridge to Cashier Assignment System. This bridge allows store managers to make full use of the IBM System/370 Cashier Assignment System by converting an IBM 3660 Transaction Log file into an IBM 3650 Exception Log file so that it can be accepted by the Cashier Assignment System.

Manual, 8 1/2 x 11 inches, 20 pages, 2/79  
 ///5785-FAE/WT-ONLY

GB11-5232

INSTRUCTION MODULE GENERATOR INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IFP 5785-AAF, NOTICE

The function of computer-assisted instruction is to combine teaching methods with data processing capabilities.

In order to keep teachers' data processing work at a minimum, a new method, the Instruction Module Generator (IMG), has been designed and programmed.

With the Instruction Module Generator, courses are recorded in computer storage. A special program can present a course on an individual basis to a student, using a student control system. Students are provided with terminals on which they receive the elements of the course chosen and answer questions.

Flyer, 8 1/2 x 11 inches, 4 pages, 1/81  
 ///5785-AAF/WT-ONLY

SB11-5233

INSTRUCTION MODULE GENERATOR, IFP 5785-AAF, DESCRIPTION/OPERATIONS

The function of computer-assisted instruction is to combine teaching methods with data processing capabilities. With the Instruction Module Generator, courses are recorded in computer storage. The student control system can present a course on an individual basis to a student. Students are provided with terminals on which they receive the elements of the course chosen and answer questions.

Manual, 8 1/2 x 11 inches, 12 pages, 3/79  
 ///5785-AAF/WT-ONLY

SB11-5235

INSTRUCTION MODULE GENERATOR, IFP 5785-AAF AUTHOR'S GUIDE

The function of computer-assisted instruction is to combine teaching methods with data processing capabilities. With the Instruction Module Generator, courses are recorded in computer storage. The student control system can present a course on an individual basis to a student. Students are provided with terminals on which they receive the elements of the course chosen and answer questions.

Manual, 8 1/2 x 11 inches, 68 pages, 3/79  
 ///5785-AAF/WT-ONLY

GB11-5239

PROJECT EVALUATION & CONTROL SYSTEM, IFP 5785-EAE, NOTICE

The Project Evaluation and Control System is designed to plan, track, and control projects with manning levels between 3 and 15 people. It is especially suited to DP development projects.

This system consists of an integrated set of forms, procedures, and APL functions to establish the personnel resources required to produce a system or product and to track the performance of project members in meeting the project schedule.

It is a system designed for projects which are sensitive to the particular circumstances and capabilities of the constituent project members. It provides an analytical method of planning and tracking projects manned by people with varying levels of commitment to activities both internal and external to the project. It is capable of forecasting the project outcome, based on the tracking observations, and of allowing the user to plan and adopt a new schedule, based either on the performance observations or a planning variant of his own choice, during the course of the project.

The Project Evaluation and Control System is a terminal-

based interactive system for use with various IBM terminals. Flyer, 8 1/2 x 11 inches, 4 pages, 02/80  
 ///5785-EAE/WT-ONLY

SB11-5240

PROJECT EVALUATION AND CONTROL SYSTEM, IFP 5785-EAE, DESCRIPTION/OPERATIONS

This is a terminal-based interactive system designed to run in a VSAPL environment under CMS, VSPC or TSO.

It is a comprehensive project planning and activity tracking system designed for small projects (up to 15 people) and provides an analytical method of planning and tracking for projects manned by people with varying levels of commitment to activities both internal and external to the project.

This manual describes the capabilities of the system and programs. It shows how to use the Project Evaluation and Control System to assist in the estimation and control of a project.

Manual, 8 1/2 x 11 inches, 266 pages, 5/79  
 ///5785-EAE/WT-ONLY

LB11-5241

PROJECT EVALUATION AND CONTROL SYSTEM, IFP 5785-EAE, SYSTEMS GUIDE

This is a terminal-based interactive system designed to run in a VSAPL environment under CMS, VSPC or TSO.

It is a comprehensive project planning and activity tracking system designed for small projects (up to 15 people) and provides an analytical method of planning and tracking for projects manned by people with varying levels of commitment to activities both internal and external to the project.

This manual is intended to assist the Systems Analyst and APL programmer in the maintenance and modification of the Project Evaluation and Control system.

Manual, 8 1/2 x 11 inches, 222 pages, 5/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5243

SWISS APPLICATION PROGRAM EXTENDED 3600 & 4700 FINANCE COMMUNICATION SYSTEMS, IFP 5785-LAK, NOTICE

The Swiss Application Program for the IBM 3600 Finance Communication System (SWAP) is a program that resides in the IBM Finance Communication Controller and provides the functions required to support the execution of a variety of bank transactions at teller window or backoffice work stations in online and offline mode. This International Field Program simplifies the implementation of the IBM 3600 and 4700 Finance Communication Systems by permitting the user to create customized programs for the Finance Communication Controller. The concept of this International Field Program is to supply the basic transaction flow functions, and to offer the capability for the user to specify his unique processing requirements in tables referenced during transaction execution. In addition, the user may include specific processing routines in exits available during transaction execution.

Flyer, 8 1/2 x 11 inches, 6 pages, 11/81  
 ///5785-LAE/WT-ONLY

SB11-5244

SWISS APPLICATION PROGRAM FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM PROGRAM, IFP 5785-LAE, DESCRIPTION/OPERATIONS

This manual contains the information required to implement the Swiss Application Program for the IBM 3600 Finance Communication System. It explains the basic concept of the program and the functions provided to the user and, supplies the necessary information to install and customize it for an individual bank.

Manual, 8 1/2 x 11 inches, 344 pages 09/78  
 ///5785-LAE/WT-ONLY

LB11-5245

SWISS APPLICATION PROGRAM FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM, IFP 5785-LAE, SYSTEMS GUIDE

The purpose of this manual is to provide program logic information to the system programmer. It contains a description of the major concepts of the program design and the detailed flow charts of the functions provided.

Manual, 8 1/2 x 11 inches, 258 pages, 9/78  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5246

ADVANCED TEXT MANAGEMENT SYSTEM EXTERNAL DATA INTERFACE PROGRAM, IFP 5785-DBZ, NOTICE

This Availability Notice contains the System Highlights and Program Description for the External Data Interface Program which allows a terminal user to enter, edit, store, format, and display textual material in an efficient manner.

Flyer, 8 1/2 x 11 inches, 4 pages, 3/81  
 ///5785-DBZ/WT-ONLY

SB11-5247

ADVANCED TEXT MANAGEMENT SYSTEM-II EXTERNAL DATA INTERFACE PROGRAM, IFP 5785-DBZ DESCRIPTION/OPERATIONS

This manual describes installation procedures and user-specific generation. It indicates possible uses of routines and helps the user with generation examples and a user

program example. It also describes in detail the use of new commands, the linking of application programs, the use of switches, and service functions.  
Manual, 8 1/2 x 11 inches, 44 pages, 5/81  
////5785-DBZ/WT-ONLY

LB11-5248

ADVANCED TEXT MANAGEMENT SYSTEM-II EXTERNAL DATA INTERFACE PROGRAM, IFF 5785-DBZ, SYSTEMS GUIDE

This manual is intended for use by both system and application programmers. It contains detailed descriptions of tables, switches, AXCOMM communications area, and - for additional programming or code modifications - the pseudo-code of both main modules.

Manual, 8 1/2 x 11 inches, 42 pages, 5/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5255

ROTABLE CONTROL PROGRAM FOR DOS/VS, DL/I USERS, IFF 5787-EAB, NOTICE

This International Field Program, based on a Rotable Control Program currently operating at Frontier Airlines in Denver, Colorado, USA, can provide airline management with a comprehensive rotatable control system aimed at optimizing rotatable investment, while ensuring sustained aircraft availability and airworthiness.

Flyer, 8 1/2 x 11 inches, 4 pages, 10/80

////5787-EAB/WT-ONLY

GB11-5261

NUMERICAL GEOMETRY SYSTEM, IFF 5785-EAH, -EAJ, -EAN, NOTICE

The Numerical Geometry System is a graphics-based, partly interactive, 3-dimensional system for computer-aided design and manufacture.

The system permits the design process to be carried out either by direct entry of numerical data or from existing design systems. Two-dimensional data can be incorporated into 3-dimensional components with minimal effort.

Completed components may be investigated via plotting and sectioning facilities. The final description may be passed to the APT-AC Numerical Control Processor (5740-M53) for manufacturing.

Designs can be transferred from user to user or to a data base system for storage and reference. An interface to CADAM (IUP 5796-ATA or ATB) is provided for the transfer of sections and views to a drawing data base via the CADAM Geometry Interface Module (5796-ATJ). Two-dimensional data generated in CADAM may be input to the Numerical Geometry System programs via this interface.

Various studies carried out demonstrate the Numerical Geometry System's many advanced capabilities in the increasingly important area of 3-dimensional design.

Flyer, 8 1/2 x 11 inches, 8 pages, 7/80

////5785-EAH, 5785-EAJ, 5785-EAN/WT-ONLY

SB11-5262

SYSTEM/370 - NUMERICAL GEOMETRY PROGRAM DESCRIPTION/OPERATIONS BASIC, 5785-EAH ADVANCED, PROG 5785-EAJ, APT-AC BRIDGE, 5785-EAN

The Numerical Geometry System is a graphics-based, partly interactive, 3-dimensional system for computer-aided design and manufacture.

The system is intended to provide a comprehensive design capability for complex 3-dimensional components that have historically required difficult and time consuming manual operations. It permits the design process to be carried out either by direct entry of numerical data or from existing design systems.

This publication describes the system and its implementation and testing requirements, and is intended for programmers who install the three parts.

Manual, 8 1/2 x 11 inches, 52 pages, 5/79

////5785-EAH, 5785-EAJ, 5785-EAN/WT-ONLY

LB11-5263

SYSTEM/370 NUMERICAL GEOMETRY SYSTEM, SYSTEMS GUIDE, BASIC PROG 5785-EAH, ADVANCED PROG 5785-EAJ, APT-AC BRIDGE PROG 5785-EAN, INTERNATIONAL FIELD PROGRAM

The Numerical Geometry System is a graphics-based, partly interactive, 3-dimensional system for computer-aided design and manufacture.

The system is intended to provide a comprehensive design capability for complex 3-dimensional components that have historically required difficult and time consuming manual operations. It permits the design process to be carried out either by direct entry of numerical data or from existing design systems.

This manual describes the functions and methods employed by all of the routines that comprise the three versions of the Numerical Geometry System. It is intended, together with program annotation, to assist users in modifying parts of the system or using specific routines in preprocessors to create geometry definition data for input to the system.

Manual, 8 1/2 x 11 inches, 322 pages, 5/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5269

SYSTEM/370 DATA BASE FOR ONLINE PROCUREMENT FOR USERS OF DOS/VS, CICS AND DL/I, IFF 5785-DBT, NOTICE

Designed for users of DOS/VS, CICS, and DL/I, the International Field Program Data Base for Online Procurement

can help to relieve purchasing departments of administrative burdens, as well as enhance the quality and timeliness of data available to buyers.

Data Base for Online Procurement is relevant to many industries, especially manufacturing companies.  
Flyer, 8 1/2 x 11 inches, 6 pages, 2/79

SB11-5270

DATA BASE FOR ONLINE PROCUREMENT, IFF 5785-DBT, DESCRIPTION/OPERATIONS

This manual describes the capabilities of the system and the programs. Record and file layouts are described, visual displays are illustrated and primary processing procedures specified. This manual is both a system description and an operations reference document.

Manual, 8 1/2 x 11 inches, 160 pages, 3/79

////5785-DBT/WT-ONLY

LB11-5271

DATA BASE FOR ONLINE PROCUREMENT, IFF 5785-DBT, SYSTEMS GUIDE

This manual describes the structure of the programs. Flow diagrams are included, and the macro parameters for generating data base load programs are described. This manual is intended to aid users who need to amend data base record layouts and/or visual displays.

Manual, 8 1/2 x 11 inches, 76 pages, 2/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5275

ONLINE PURCHASING FOR USERS OF DOS/VS, CICS, AND DL/I, IFF 5785-DBR, NOTICE

The Program Online Purchasing can aid in the development of a total procurement system integrating receiving, inspection and invoice validation. It can help remove obstacles to better buying while making a significant contribution to operating profit.

Designed primarily for users of Data Base for Online Procurement, International Field Program 5785-DBT, Online Purchasing enables the user to process all types of purchasing requisitions directly on a visual display unit, to call for any supporting data, and to release a purchase order. This should leave the buyer more time for locating new sources, evaluating suppliers, and for negotiation as well as planning.

Flyer, 8 1/2 x 11 inches, 6 pages, 2/79

SB11-5276

ONLINE PURCHASING PROGRAM, IFF 5785-DBR, DESCRIPTION/OPERATIONS

The Program Online Purchasing can aid in the development of a total procurement system integrating receiving, inspection and invoice validation. It can help remove obstacles to better buying while making a significant contribution to operating profit.

Designed primarily for users of Data Base for Online Procurement, International Field Program 5785-DBT, Online Purchasing enables the user to process all types of purchasing requisitions directly on a visual display unit, to call for any supporting data, and to release a purchase order. This should leave the buyer more time for locating new sources, evaluating suppliers, and for negotiation as well as planning.

Manual, 8 1/2 x 11 inches, 178 pages, 3/79

////5785-DBR/WT-ONLY

GB11-5290

SYSTEM/370 COPICS BILL OF MATERIAL ONLINE COPICS IMPLEMENTATION APPLICATION PROGRAM, IFF 5785-GAA, NOTICE

The COPICS Bill of Material Online International Field Program brings the Bill of Material data base directly to the design and manufacturing engineering departments, along with all other functions that require access to product definition information. Through the use of online video display terminals, the user can create and maintain the Bill of Material data base as well as make inquiries against it.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

GB11-5291

SYSTEM/370 COPICS BILL OF MATERIAL BATCH UTILITIES COPICS IMPLEMENTATION APPLICATION PROGRAM, IFF 5785-GAC, NOTICE

This International Field Program provides for the initial loading of item and bill of material data. It can also be used for the maintenance of large volumes of information.

The creation of product definition data - item data and bills of material - is an essential part of any successful manufacturing organization. These engineering records are the foundation upon which the planning and execution systems are built. This information is used throughout the whole process of production planning, starting with the forecasting of customer requirements through the development of the master production schedule, to the production and shipment of each product.

Field Program is a tool for loading and preparing the Bill of Material data base for use with the COPICS Bill of Material Online International Field Program 5785-GAA. It is also intended to be used when large amounts of data have to be inserted in the Bill of Material data base. These utilities also provide some basic reports in batch mode.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/79

SLSS - ORDER NO. SUBSCRIPTION ONLY

- GB11-5292  
SYSTEM/370 COPICS PRODUCT COST CALCULATION  
DOGS/VS, CICS/VS, DL/I IFF 5785-GAD  
 The COPICS Product Cost Calculation International Field Program is an operational tool for the end user involved in the complex activities surrounding product cost determination. These activities include not only the calculation of product cost, but also the analysis and simulation of the impact on end product costs and profitability of changing component costs, product structures or overhead rates.  
 Flyer, 8 1/2 x 11 inches, 6 pages, 12/78  
 ////5785-GAD/WT-ONLY
- GB11-5293  
SYSTEM/370 COPICS INVENTORY ACCOUNTING, IFF 5785-GAE, NOTICE  
 The COPICS Inventory Accounting International Field Program addresses the administrative, or record keeping, aspect of inventory control. This program has online entry, editing and processing of inventory transactions with batch transaction history and audit trails.  
 Flyer, 8 1/2 x 11 inches, 6 pages, 10/79  
 ////5785-GAE/WT-ONLY
- GB11-5294  
COPICS ADVANCED FUNCTION/MATERIAL REQUIREMENTS PLANNING  
COPICS IMPLEMENTATION APPLICATION PROGRAM FOR INVENTORY  
MANAGEMENT, IFF 5785-GAF, NOTICE  
 Material requirements planning is considered a necessity by most manufacturers. An ever increasing need exists to have a responsive Material Requirements Planning system that allows frequent replanning and order manipulation. This is due to the increasing volume and dynamics of the information required to keep a business plan on track; thus the need exists for better control and increased productivity.  
 The COPICS Advanced Functions/Material Requirements Planning International Field Program answers these needs. It offers Production Control end user the capability to respond to a frequently recalculated production plan (as often as daily) using online video display terminals. Whenever an actual production situation demands a modification to the plan, it can be done by a production planner in a timely manner using the online facilities.  
 Flyer, 8 1/2 x 11 inches, 8 pages, 11/79  
 ////5785-GAF/WT-ONLY
- SB11-5300  
COPICS BILL OF MATERIAL ONLINE PROGRAM, IFF 5785-GAA,  
DESCRIPTION/OPERATIONS  
 This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.  
 Manual, 8 1/2 x 11 inches, 94 pages, 9/79  
 ////5785-GAA/WT-ONLY
- SB11-5301  
COPICS BILL OF MATERIAL BATCH UTILITIES,  
DESCRIPTION/OPERATIONS  
 This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.  
 Manual, 8 1/2 x 11 inches, 68 pages, 9/79  
 ////5785-GAC/WT-ONLY
- SB11-5302  
COPICS PRODUCT COST CALCULATION, IFF 5785-GAD,  
DESCRIPTION/OPERATIONS  
 This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.  
 Manual, 8 1/2 x 11 inches, 80 pages, 10/79  
 ////5785-GAD/WT-ONLY
- SB11-5303  
COPICS INVENTORY ACCOUNTING PROGRAM, IFF 5785-GAE,  
DESCRIPTION/OPERATIONS  
 This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.  
 Manual, 8 1/2 x 11 inches, 74 pages, 10/79  
 ////5785-GAE/WT-ONLY
- SE11-5304  
COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING  
PROGRAM, IFF 5785-GAF, DESCRIPTION/OPERATIONS  
 This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design
- assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.  
 Manual, 8 1/2 x 11 inches, 98 pages, 10/79  
 ////5785-GAF/WT-ONLY
- GB11-5305  
PLANCODE/I GRAPHIC SUPPORT, IFF 5785-EAK, NOTICE  
 PLANCODE/I Graphic support, an International Field Program, is an extension to the IBM Program Product, Planning control and Decision Evaluation System/Interactive (PLANCODE/I).  
 PLANCODE/I Graphic support, in conjunction with PLANCODE/I, helps user management to provide this planning information. PLANCODE/I performs the planning calculations, and PLANCODE/I Graphic Support displays the results as either a histogram or graph. From the pictorial representation, significant trends and variances can immediately be spotted. In this way, vital cash flow information, for example, can be highlighted as a clearly visible graph instead of being "buried" in a mass of numbers.  
 Flyer, 8 1/2 x 11 inches, 4 pages, 11/79  
 ////5785-EAK/WT-ONLY
- GB11-5310  
LEUVEN LIBRARY SYSTEM - ONLINE SYSTEM/370 303X PROCESSOR  
4300 PROCESSOR, IFF 5787-FAJ, NOTICE  
 The Leuven Library System-Online (Leuven Integraal Bibliotheek Systeem, LIBIS), developed by the University of Leuven in Belgium, is an online, easy-to-use circulation and acquisition system. Designed as a complement to the Dortmund Library system (DOBIS) International Field Program 5787-DAA, LIBIS can help solve the circulation and acquisition problems of university, special, and national libraries.  
 Flyer, 8 1/2 x 11 inches, 4 pages, 11/79  
 ////5787-FAJ/WT-ONLY
- SB11-5311  
LEUVEN LIBRARY SYSTEM - ONLINE, IFF 5787-FAJ, LIBRARIAN'S  
GUIDE  
 This manual is designed to explain the Leuven Library System-Online (LIBIS, Leuven's Integraal Bibliotheek System) International Field Program to library staff members who will use the system.  
 Manual, 8 1/2 x 11 inches, 70 PAGES, 8/79  
 ////5787-FAJ/WT-ONLY
- SB11-5312  
LEUVEN LIBRARY SYSTEM - ONLINE, IFF 5787-FAJ,  
INSTALLATION & OPERATIONS GUIDE  
 LIBIS and DOBIS manuals are especially important. It will System-Online (LIBIS, Leuven's Integraal Bibliotheek System) and thereafter to aid in the day-to-day operation of the system.  
 Since the guide is addressed to the technical staff responsible for a production system, it deals with both library and technical matters. It will thus be important that systems staff, either from the library or from the computer center, understand the technical details of LIBIS and their effect upon the production system in the library.  
 LIBIS runs as a subsystem under the Dortmund Library System (DOBIS, Dortmund Bibliotheeksystem, Program Number 5787-DAA), which must be installed either prior to or simultaneously with the installation of LIBIS. This guide therefore assumes that the reader has already read and is familiar with the Dortmund Library System Installation and Operations Guide, SB11-5024.  
 The following IBM publications may be useful in understanding how to install and operate the system. The OIBS and DOBIS manuals are especially important. It will be assumed that they are available for reference and that the reader is somewhat familiar with them.  
 Manual, 8 1/2 x 11 inches, 40 pages, 8/79  
 ////5787-FAJ/WT-ONLY
- LB11-5313  
LEUVEN LIBRARY SYSTEM-ONLINE, IFF 5787-FAJ, -FAK  
SYSTEMS GUIDE  
 This manual is intended for system programmers who may need to know how the LIBIS programs function in order to enhance or correct them. It contains information about how the LIBIS online programs function and how background processing operates. The appendices contain the logical record formats for all LIBIS and DOBIS files and for the DMARC format, as well as lists of the names of the LIBIS programs, maps, and code tables.  
 It is assumed that the reader of this guide knows something about programming and a little about time-sharing monitors such as CICS (the IBM Customer Information Control System, Program Number 5740-XX1 for OS/VS). Only elementary library knowledge is needed.  
 Manual, 8 1/2 x 11 inches, 100 pages, 9/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- SB11-5314  
SYSTEM/370 NUMERICAL GEOMETRY SYSTEM USER'S GUIDE - BASIC  
PROG 5785-EAH, ADVANCED PROG 5785-EAM, APT-AC BRIDGE PROG  
5785-EAN - INTERNATIONAL  
 The Numerical Geometry System is a graphics-based, partly interactive, 3-dimensional system for computer-aided design

and manufacture.

The system is intended to provide a comprehensive design capability for complex 3-dimensional components that have historically required difficult and time consuming manual operations. It permits the design process to be carried out either by direct entry of numerical data or from existing design systems.

This publication describes the principles and operation of the system, as well as all of the commands available to the user of any of the three parts of the system.

This manual is intended for use by persons who wish to generate 3-dimensional geometry describing complex manufactured components and pass these descriptions to numerical control and 2-dimensional drafting systems. Manual, 8 1/2 x 11 inches, 192 pages, 5/79  
 ////5785-EAH,5785-EAJ,5785-EAN/WT-ONLY

GB11-5321

INTEGRATED TIME ATTENDANCE RECORDING AND ANALYSIS PACKAGE, IFF 5785-DCC, NOTICE

This International Field Program is a cross industry product. It runs on an IBM System/370 and provides accurate and timely information allowing for increased management control, and analysis of the available workforce. The stored data can be retrieved and analyzed, so that immediate action can be taken thereby reducing production delays. Interfaces are provided for subsequent users of attendance data, such as payroll and project management.

The Integrated Time Attendance Recording and Analysis Package offers a solution whereby most of the manual preparation and processing is eliminated by online data collection with the following systems: IBM 3750 Switching System, IBM 3630 Plant Communication System, and IBM 8100 Information System.

Flyer, 8 1/2 x 11 inches, 6 pages, 3/79  
 ////5785-DCC/WT-ONLY

SB11-5322

SYSTEM/370 INTEGRATED TIME ATTENDANCE RECORDING AND ANALYSIS PACKAGE, IFF 5785-DCC

This manual provides general, educational, and programming information to assist a user understand, plan, train employees, and install the Integrated Time Attendance Recording and Analysis Package.

The information is organized in the following manner:

Chapter 1. contains a general introduction to the package with examples of data flow and the resulting listings.

Chapter 2. introduces the program with examples of program runs; also the hardware and software requirements.

Chapter 3. gives detailed explanations of data entry and processing. Function codes and message formats are explained in detail, as well as how to modify the package to interface with other customer applications.

Chapter 4. describes the machine readable material.

Chapter 5. provides an overall plan for preparing for the introduction of the INTARAP package, training the responsible employees with examples of useful aids, customization, job streams and a list of error messages.

Manual, 8 1/2 x 11 inches, 98 pages, 5/79  
 ////5785-DCC/WT-ONLY

GB11-5345

STRUCTURED DESIGN AND DOCUMENTATION FACILITY - APPLICATION ENABLING, IFF 5785-FAF, -FAH, NOTICE

In every data processing installation, regardless of size, application documentation is a sensitive area. Although documentation of a DP application is recognized as being vital, both in the development and maintenance stages, it is often inadequate, not easily maintained, not up-to-date, not automated, and thus expensive.

The Structured Design and Documentation Facility (SDADF) has been designed to overcome these problems. It is a key element in creating, obtaining, and maintaining useful and adequate documentation for everyone involved in an application development process.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/79  
 ////5785-FAF,5785-FAH/WT-ONLY

SB11-5346

STRUCTURED DESIGN AND DOCUMENTATION FACILITY, BASE IFF 5785-FAF, TSO/SPF INTERFACE, IFF 5785-FAH DESCRIPTION/OPERATIONS

The Structured Design and Documentation Facility (SDADF) has been created to increase the productivity of system analysts and developers. It also improves user communication through a clear documentation system that uses layout generation, cross-referencing, report indexing, and so forth.

SDADF has been designed to be used by a librarian for data entry and documentation retrieval, which relieves professionals from clerical work and allows them to concentrate on design and development.

Manual, 8 1/2 x 11 inches, 72 pages, 9/79  
 ////5785-FAF,5785-FAH/WT-ONLY

SB11-5347

STRUCTURED DESIGN AND DOCUMENTATION FACILITY USER'S GUIDE BASE, IFF 5785-FAF, TSO/SPF INTERFACE, IFF 5785-FAH

This publication is a guide to the Structured Design and Documentation Facility (SDADF), to be used as a reference book by the end user. It is designed for the reader who already has a knowledge of application development and TSO/SPF methods and who requires SDADF reference material.

It contains all the information needed to enter documentation commands into a library that will be processed by the SDADF programs.

during execution, SDADF employs subroutines from the PL/I Transient Library (Program Number 5734-LM5).

SDADF is a set of programs that collect and dispatch information. It can be used either in a batch or a time-sharing environment.

The primary objective of SDADF is to increase productivity by simplifying design and documentation. Manual, 8 1/2 x 11 inches, 88 pages, 9/79  
 ////5785-FAF,5785-FAH/WT-ONLY

GB11-5355

LEUVEN LIBRARY SYSTEM-BATCH, IFF 5787-FAH

This Leuven Library System-Batch Availability Notice (Leuven Integraal Bibliotheek Systeem, LIBIS), is developed by the University of Leuven (K. U. Leuven) in Belgium, produces cataloging outputs (catalog cards, accessions lists, COM catalogs) and the documents and listings necessary for circulation and acquisitions. Designed to complement the Dortmund Library System (DOBIS) (Program Number 5787-DAA) and the LIBIS-Online circulation and acquisition modules (Program Number 5787-FAJ), LIBIS-Batch is designed for university, public, special, and national libraries. Flyer, 8 1/2 x 11 inches, 6 pages, 8/79

SB11-5356

LEUVEN LIBRARY SYSTEM-BATCH, IFF 5787-FAH, -FAL DESCRIPTION/OPERATIONS

DOBIS is a group of programs developed at the University of Dortmund in Dortmund, West Germany. DOBIS handles the searching and cataloging activities for a single library or a network of libraries.

LIBIS-Online is a group of programs developed at the Catholic University of Leuven in Leuven, Belgium. LIBIS handles the circulation and acquisition activities for a single library or a network of libraries.

DOBIS and LIBIS operate together to provide the functions of an online, integrated, library system.

This manual is intended for the system programmer who is to install and maintain LIBIS-Batch.

for reference and that the reader is familiar with the background processing chapters in them.

Leuven Library System-Online Installation and Operations Guide, SB11-5312; Dortmund Library System Installation and Operations Guide, SB11-5024; Leuven Library System-Online Systems Guide, LB11-5313; and Dortmund Library System Systems Guide, LB11-5023.

Further information about LIBIS-Batch can be found in: Dortmund Library System Librarian's Guide, SB11-5019 and Leuven Library System-Batch systems Guide, LB11-5357. Manual, 8 1/2 x 11 inches, 176 pages, 10/81  
 ////5787-FAH,5787-FAL/WT-ONLY

LB11-5357

LEUVEN LIBRARY SYSTEM-BATCH, IFF 5787-FAH, -FAL, SYSTEMS GUIDE

The object of this manual is to provide the system programmer of LIBIS-Batch with more detailed information about its internal logic. This should give a better understanding of the organization of the programs so that some routines can be optionally adapted to local requirements.

Further information about LIBIS-Batch can be found in the Leuven Library System-Batch Program Description and Operations Manual, SB11-5356.

Manual, 8 1/2 x 11 inches, 84 pages, 10/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5361

STAIRS/VS MULTIPLE INVERTED KEY ENVIRONMENT, IFF 5785-DCE, DESCRIPTION/OPERATIONS

This manual is intended for persons installing and using the STAIRS/VS Multiple Inverted Key Environment (STAIRS/VS-MIKE).

Since STAIRS/VS-MIKE is an extension to STAIRS/VS, the user of the system must be familiar with STAIRS/VS.

STAIRS/VS-MIKE can be used in association with either a DL/I data base, a VSAM file, or a sequential file. Thus, depending on the installation, the user should be familiar with one or more of these file access methods.

Manual, 8 1/2 x 11 inches, 160 pages, 12/79  
 ////5785-DCE/WT-ONLY

GB11-5362

ONLINE PLANT MAINTENANCE SYSTEM EQUIPMENT MANAGEMENT, IFF 5787-NAD, NOTICE

Plant maintenance is a major expense in process and manufacturing plants. The Online Plant Maintenance System-Equipment Management (OPMS1) program is an operational tool to be used by departments responsible for the maintenance of equipment and machines.

OPMS1 is designed to maintain the information which is normally contained on drawings and lists dispersed around a plant and to make it available to users from a common data base, by providing a hierarchical representation of an entire plant, down to a specific spare part.

Flyer, 8 1/2 x 11 inches, 4 pages, 02/80  
 ////5787-NAD/WT-ONLY

GB11-5364

ONLINE PLANT MAINTENANCE SYSTEM SPARE PARTS MANAGEMENT, IFF 5787-NAE, NOTICE

The Online Plant Maintenance System-Spare Parts Management (OPMS2) program is intended primarily for use by the maintenance, store, and purchase departments.

Batch and online functions for spare parts registration are designed to enable efficient parts identification and verification of stock balances. They provide the maintenance planner with an operational tool to facilitate that spare parts are available when needed. Purchase order requisitions can be generated to meet requirements.

Flyer, 8 1/2 x 11 inches, 4 pages, 02/80  
 ///5787-NAE/WT-ONLY

SB11-5371

IBM COBOL CONVERSION AID FROM ICL PLAN: IFF 5787-EAC, -EAD DESCRIPTION/OPERATIONS

Conversion (or rewriting) of PLAN programs can be a time-consuming part of the transition to IB programs. These conversion aids are designed to automate most of the translation and production of executable COBOL programs.

The aids are intended to:

- Provide an easy-to-use tool for DP staff
- Reduce total conversion time compared with hand-translation or rewrite
- Reduce programmer training time
- Produce high-level language code for easier program maintenance.

This manual contains description of the aids and their functions and instructions for installation, operation, modification, and testing.

Manual, 8 1/2 x 11 inches, 102 pages, 1/80  
 ///5787-EAC,5787-EAD/WT-ONLY

GB11-5374

BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR - SYSTEM/370 3277 GRAPHICS ATTACHMENT, IFF 5785-DCJ NOTICE

The Basic Interactive Graphics Application Monitor (BIGAM) International Field Program is a high-level interactive support for graphics applications.

With the aid of a command language, it permits creation and manipulation of graphic data on a graphic work station.

The user is provided with versatile graphic functions, such as standardized input/output procedures, data extraction and conversion facilities, and interactive definition of generic macros. Moreover, it includes all functions needed to maintain and extend the graphic system interactively from the work station.

BIGAM provides geometric construction and text capabilities and allows for implementation of graphics-oriented applications with a minimum of effort.

It operates together with the Basic Graphics Support System (BGSS) International Field Program, 5785-DCX, supporting the IBM 3277 Graphics Attachment.  
 Flyer, 8 1/2 x 11 inches, 6 pages, 6/80  
 ///5785-DCJ/WT-ONLY

SB11-5375

BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR, IFF 5785-DCJ, DESCRIPTION/OPERATIONS

This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.

Manual, 8 1/2 x 11 inches, 280 pages, 9/79  
 ///5785-DCJ/WT-ONLY

LB11-5376

BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR PROGRAM, IFF 5785-DCJ, LOGIC

This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.

Manual, 8 1/2 x 11 inches, 38 pages, 9/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5377

BASIC GRAPHIC SUPPORT SYSTEM SYSTEM/370 3277 GRAPHICS ATTACHMENT, IFF 5785-DCK, NOTICE

The Basic Graphics Support System (BGSS) International Field Program is designed as basic support for the execution and development of interactive graphics applications.

It provides general drafting and text capabilities, standardized input/output procedures, data extraction and conversion facilities and versatile file and retrieve capabilities.

Semantics and syntax of the command language can be easily extended with additional primitive commands based on user-written application functions.

BGSS provides all functions required to maintain and extend the graphics system interactively and to implement graphics applications with a minimum of effort.  
 Flyer, 8 1/2 x 11 inches, 6 pages, 6/80  
 ///5785-DCK/WT-ONLY

SB11-5378

BASIC GRAPHIC SUPPORT SYSTEM, IFF 5785-DCK, DESCRIPTION/OPERATIONS, PROGRAM NUMBER 5785-DCK

This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.

Manual, 8 1/2 x 11 inches, 150 pages, 9/79  
 ///5785-DCK/WT-ONLY

LB11-5379

BASIC GRAPHIC SUPPORT SYSTEM, IFF 5785-DCK, LOGIC

This manual is both a system description and an installation and operations reference document. It describes the capabilities of the system and the programs, design assumptions, potential modification areas, and record and file layouts. Primary processing procedures are also specified.

Manual, 8 1/2 x 11 inches, 38 pages, 9/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5381

STAIRS/VS - STAIRS/DOS/VS PARTIAL MATCH RETRIEVAL, IFF 5785-DCH, NOTICE

The International Field Program, Partial Match Retrieval, is a supplement to the IBM Program Product Storage and Information Retrieval System/Virtual Storage (STAIRS/VS and STAIRS/DOS/VS). In addition to the STAIRS functions, it is possible to retrieve documents, not only by specifying complete words or the beginning of words, but also by arbitrary substrings or components of words.

Flyer, 8 1/2 x 11 inches, 6 pages, 11/79  
 ///5785-DCH/WT-ONLY

SB11-5382

PARTIAL MATCH RETRIEVAL IFF 5785-DCH, DESCRIPTION/OPERATIONS

The International Field Program, Partial Match Retrieval, is a supplement to the IBM Program Product Storage and Information Retrieval System/Virtual Storage (STAIRS/VS and STAIRS/DOS/VS). In addition to the STAIRS functions, it is possible to retrieve documents, not only by specifying complete words or the beginning of words, but also by arbitrary substrings or components of words.

The reader should be familiar with the reference manuals listed in the Bibliography. More details on the indexing technique can be found in "The Reference String Indexing Technique", IBM Scientific Center Heidelberg, Technical Report TR 77.12.008.

Manual, 8 1/2 x 11 inches, 118 pages, 02/80  
 ///5785-DCH/WT-ONLY

GB11-5386

8100 (DPCX)/3790 FAST SORT PROGRAM, IFF 5785-AAL, NOTICE

It may be necessary to sort data on an IBM 3790 Communication System or on an IBM 8100 Information System with the Distributed Processing control Executive (DPCX) in order to use the result locally.

For practical reasons, it is cumbersome to sort and move all of the data. It is preferable to place the arguments in a relative file as soon as the respective transactions are terminated. (An argument is the sorting criterion plus the entry necessary to retrieve the information.)

The aim of the IBM 8100 (DPCX)/3790 Fast Sort Program is to sort such arguments. The results will be found in the same file or in a different one and will consist of a sequence of information.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/79  
 ///5785-AAL/WT-ONLY

SB11-5387

8100 (DPCX)/3790 FAST SORT PROGRAM, IFF 5785-AAL, DESCRIPTION/OPERATIONS

It may be necessary to sort data on an IBM 3790 Communication system or on an IBM 8100 Information System with the Distributed Processing control Executive (DPCX) in order to use the result locally.

For practical reasons, it is cumbersome to sort and move all of the data. It is preferable to place the arguments in a relative file as soon as the respective transactions are terminated. (An argument is the sorting criterion plus the entry necessary to retrieve the information.)

The aim of the IBM 8100 (DPCX)/3790 Fast Sort Program is to sort such arguments. The results will be found in the same file or in a different one and will consist of a sequence of information.

Manual, 8 1/2 x 11 inches, 20 pages, 11/79  
 ///5785-AAL/WT-ONLY

GB11-5389

IBM VS APL - APLSV MULTIVARIATE DATA ANALYSIS PROGRAM, IFF 5787-FAE, -FAF, NOTICE

With the continuous development of data bases, more and more information is available to the decision makers. However, it is often difficult to understand a large set of raw data and to find the underlying structure and hidden relationships. The statistical tool developed to improve the analysis of large sets of data is called multivariate data analysis.

This International Field Program combines the power and flexibility of APL with these statistical techniques. The methods used cover the domains of representation, discrimination, and correlation of multidimensional data. Results can be displayed in graphical, tabular, or tree-like form.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/79  
 ///5787-FAE,5787-FAF/WT-ONLY

from different levels within companies and from multiple companies within groups.

This publication presents an introduction to the application area, the program, and the implementation of the Financial Management System.

Manual, 8 1/2 x 11 inches, 58 pages, 11/79  
 ///5785-NAC/WT-ONLY

SB11-5390

MULTIVARIATE DATA ANALYSIS PROGRAM, DESCRIPTION  
IFP 5787-FAE, -FAF, OPERATIONS

This manual explains the design principles of the program, the functions and global variables required for its operation, and the operational procedure. The Multivariate Data Analysis Program End User's Guide, SB11-5391, contains a complete example, exercising the main options of the program. A skilled user, with some experience in APL, may use the program as a support to which other methods can be attached. The technical details for extension of the program are given in the Multivariate Data Analysis Programs Systems Guide, LB11-5392.

Manual, 8 1/2 x 11 inches, 42 pages, 01/80  
 ///5787-FAE,5787-FAF/WT-ONLY

SB11-5396

FINANCIAL MANAGEMENT SYSTEM, IFP 5785-NAC,  
DESCRIPTION/OPERATIONS VOLUME 1: OVERVIEW AND INPUT  
PROCEDURES

Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management System provides a framework for processing and consolidation of financial data and reports from different levels within companies and from multiple companies within groups.

This publication (Volume 1) provides a brief overview of Financial Management System, and describes in detail the functions provided for processing financial data. This publication also describes all data input transactions and control transactions.

Manual, 8 1/2 x 11 inches, 228 pages, 1/80  
 ///5785-NAC/WT-ONLY

SB11-5391

MULTIVARIATE DATA ANALYSIS PROGRAM, IFP 5787-FAF, -FAE,  
END USER'S GUIDE

With the continuous development of data bases, more and more information is available to the decision makers. However, it is often difficult to understand a large set of raw data and to find the underlying structure and hidden relationships. The statistical tool developed to improve the analysis of large sets of data is called multivariate data analysis.

This International Field Program combines the power and flexibility of APL with these statistical techniques.

Manual, 8 1/2 x 11 inches, 76 pages, 01/80  
 ///5787-FAE,5787-FAF/WT-ONLY

SB11-5397

FINANCIAL MANAGEMENT SYSTEM BATCH OUTPUT SYSTEM,  
IFP 5785-NAC, DESCRIPTION/OPERATIONS VOLUME 2

Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant and the project manager using a common data base. Financial Management System provides a framework for processing and consolidation of financial data and reports from different levels within companies and from multiple companies within groups.

This publication (Volume 2) describes the Batch Output System. It describes in detail the processing performed by the Batch Output System, and it shows how to specify Batch Output System processing. It includes numerous examples of the use of Batch Output System parameters and coding.

Manual, 8 1/2 x 11 inches, 172 pages, 1/80  
 ///5785-NAC/WT-ONLY

LB11-5392

MULTIVARIATE DATA ANALYSIS PROGRAM IFP 5787-FAE, -FAF,  
SYSTEMS GUIDE

This Systems Guide is intended for system and application programmers who may wish to modify or extend the program for multivariate data analysis.

With the continuous development of data bases, more and more information is available to the decision makers. However, it is often difficult to understand a large set of raw data and to find the underlying structure and hidden relationships. The statistical tool developed to improve the analysis of large sets of data is called multivariate data analysis. This International Field Program combines the power and flexibility of APL with these statistical techniques.

Manual, 8 1/2 x 11 inches, 60 pages, 01/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5398

FINANCIAL MANAGEMENT SYSTEM, IFP 5785-NAC  
DESCRIPTION/OPERATIONS VOLUME 3: EXITS

Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management System provides a framework for processing and consolidation of financial data and reports from different levels within companies and from multiple companies within groups.

This publication (Volume 3) describes the exists in the Financial Management System programs. These exists are used by Batch Output System and can also be used by user-written programs. The manual also contains the Financial Management System field name catalog.

Manual, 8 1/2 x 11 inches, 184 pages, 05/80  
 ///5785-NAC/WT-ONLY

GB11-5393

STAIRS/VS MULTIPLE INVERTED KEY ENVIRONMENT IFP 5785-DCE,  
NOTICE

The International Field Program, STAIRS/VS Multiple Inverted Key Environment (STAIRS/VS-MIKE), brings to the application areas of non-textual data the facilities offered to the application areas of textual data bases by the IBM storage and Information Retrieval System (STAIRS/VS), Program Product Number 5740-XR1.

STAIRS/VS-MIKE is an addition to STAIRS/VS that implements STAIRS/VS functions in a non-textual or mixed textual/non-textual environment. It brings the power of the STAIRS/VS online inquiry facilities to bear on data other than that stored in a STAIRS/VS data base, such as data in application areas that were previously batch-oriented or that required a considerable programming investment.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/79  
 ///5785-DCE/WT-ONLY

SB11-5399

FINANCIAL MANAGEMENT SYSTEM, IFP 5785-NAC  
DESCRIPTION/OPERATIONS VOLUME 4: INSTALLATION AND SAMPLE  
PROBLEM

Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management System provides a framework for processing and consolidation of financial data and reports from different levels within companies and from multiple companies within groups.

This publication (Volume 4) describes how to install the Financial Management System program. It includes a description of the sample problem, and examples of the reports produced by the sample problem. It also includes descriptions of the Financial Management System data bases.

Manual, 8 1/2 x 11 inches, 172 pages, 1/80  
 ///5785-NAC/WT-ONLY

GB11-5394

FINANCIAL MANAGEMENT SYSTEM, MULTIPLE FINANCIAL  
APPLICATIONS, IFP 5785-NAC, NOTICE

The Financial Management System, which operates with its applications on a tactical, periodically oriented level, can be interfaced with operation systems such as Accounts Receivable, Payroll, and so on, in order to select data for accounting, consolidation, and summarizing.

The growing complexity of the financial aspects of the business scene imposes heavy demands on financial management. The target of short and long term profitability requires that the systems serving businesses should be capable of providing information to all levels of responsibility without undue delay.

Flyer, 8 1/2 x 11 inches, 6 pages, 05/80  
 ///5785-NAC/WT-ONLY

SB11-5400

FINANCIAL MANAGEMENT SYSTEM, IFP 5785-NAC,  
DESCRIPTION/OPERATIONS VOLUME 5: DISPLAY SYSTEM

Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management System Provides a framework for processing and consolidation of financial data and reports from different levels within companies and from multiple companies within groups.

This publication describes a number of display functions which supplement the regular functions available in batch processing, thereby simplifying the use of Financial Management System. Financial Management Display System (FDS) has four main functions:

- REPORT REQUEST, which entails retrieval in report form of stored data from all of the Financial Management System data bases.
- DATA ENTRY, which entails entry of ordinary Financial Management System transactions and correction of

GB11-5395

FINANCIAL MANAGEMENT SYSTEM, IFP 5785-NAC, INTRODUCTION

Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management System provides a framework for processing and consolidation of financial data and reports



- erroneous transactions.
  - DISPLAY, which is used to present reports on a display screen.
  - INFORMATION, which is a help function.
- Manual, 8 1/2 x 11 inches, 164 pages, 05/80  
 ////5785-NAC/WT-ONLY

LB11-5401

FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAL, SYSTEMS GUIDE  
 Financial Management System is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management system provides a framework for processing and consolidation of financial data and reports from different levels within companies and from multiple companies within groups.

This publication presents a system-oriented description of Financial Management System. It is intended for system analysts, programmers, and operators engaged in testing and operating Financial Management System.  
 Manual, 8 1/2 x 11 inches, 254 pages, 05/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5416

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - MOVEMENTS AND STATUS REPORTING, IFF 5785-EAZ, NOTICE

This program is based on the Distribution Management Data Base architecture, which uses DL/I as the data base manager and CICS as the communication manager. It is designed to run in conjunction with Distribution Management Information System-Data Base Maintenance (5785-EBD) to provide and retrieve information concerning: Inventory of goods by item and location, movement of goods between locations, movement orders in process, movement requests from locations, and inventory adjustments.

Flyer, 8 1/2 x 11 inches, 6 pages, 4/81  
 ////5785-EAZ

SB11-5417

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM-MOVEMENTS AND STATUS REPORTING, IFF 5785-EAZ, DESCRIPTION/OPERATIONS

This program is based on the Distribution Management Data Base architecture, which uses DL/I as the data base manager and CICS as the communication manager. It is designed to run in conjunction with Distribution Management Information System-Data Base Maintenance (5785-EBD) to provide and retrieve information concerning inventory of goods by item and location, movement of goods between locations, movement orders in process, movement requests from locations, and inventory adjustments.

Manual, 8 1/2 x 11 inches, 172 pages, 6/81  
 ////5785-EAZ/WT-ONLY

LB11-5418

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM MOVEMENTS AND STATUS REPORTING, IFF 5785-EAZ, SYSTEMS GUIDE

This publication describes the Movements and Status Reporting (MSR) component of the Distribution Management Information System set of application programs. See abstract SB11-5417 for additional information.

Manual, 8 1/2 x 11 inches, 100 pages, 6/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5419

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - SALES FORECASTING, IFF 5785-EBA, NOTICE

This International Field Program, Distribution Management Information System - Sales Forecasting, is designed to provide forecasts for item demands at warehouses and depots.

The core of the application is a Forecast Generation program for creating, updating, and using forecast models. Other batch and online programs are concerned with providing accurate and current data for Forecast Generation. Sales Forecasting use the data base management facilities of Distribution Management Information System - Data Base Maintenance (5785-EBD). It also needs a data-gathering facility such as that provided by distribution Management Information System - Movements and Status Reporting (5785-EAZ).

Flyer, 8 1/2 x 11 inches, 6 pages, 4/81  
 ////5785-EBA/WT-ONLY

SB11-5420

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - SALES FORECASTING, IFF 5785-EBA, DESCRIPTION/OPERATIONS

This manual describes the Sales Forecasting component (referred to as SF) of the Distribution Management Information System suite of application programs (referred to as applications). Information about the other component applications can be found in the Distribution Management Information System - Application Descriptions Manual, GB11-5431.

Users requiring detailed knowledge of the program routines for purposes of maintenance or modification should refer to the Distribution Management Information System - Sales Forecasting Systems Guide, LB11-5421.

Manual, 8 1/2 x 11 inches, 172 pages, 7/81  
 ////5785-EBA/WT-ONLY

LB11-5421

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - SALES FORECASTING, IFF 5785-EBA, SYSTEMS GUIDE

This publication describes the Sales Forecasting (SF) component of the Distribution Management Information System Set of application programs. It is intended for users who require a detailed knowledge of the application for modification or maintenance. Its purpose is to provide guidance and assistance in reading the source code. However, reading this publication should not be regarded as a substitute for reading the code.

The Distribution Management Information System - Sales Forecasting Program Description and Operation Manual, SB11-5420 (referred to in this manual as the PDOM) contains an introduction that briefly describes the applications and supporting data bases comprising the Distribution Management Information System, and indicates the purpose and function of SF. Fuller descriptions may be found in the Distribution Management Information System - Application Description Manual, GB11-5431.

Manual, 8 1/2 x 11 inches, 96 pages, 7/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5422

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - STRATEGY PLANNING, IFF 5785-EBB, NOTICE

Strategy Planning, is designed to provide assistance in making medium and long-term planning decisions in a distribution network by computing strategies for replenishing the network.

These strategies consist of shipping schedules for each depot in the network, and specify the points of supply and means of transport to be used so that overall costs are minimized.

To allow the strategies to be evaluated and compared, a variety of reports are produced describing the production requirements, storage requirements, costs, and potential savings relating to a replenishment strategy.

It is possible to compute strategies for distribution networks different from the existing network. Thus a user may not only optimize distribution over the network in use, but also evaluate the effects of changing the network by adding locations and means of transport or by changing the demand pattern.

In addition, the replenishment strategies are recorded on a data base and may be used to control daily replenishment activity as performed by Distribution Management Information System - Replenishment Control (5785-EBC).

Flyer, 8 1/2 x 11 inches, 6 pages, 4/81  
 ////5785-EBB/WT-ONLY

SB11-5423

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM, STRATEGY PLANNING, IFF 5785-EBB, DESCRIPTION/OPERATIONS

The Distribution Management Information System suite of application programs aims to assist distribution managers in sales forecasting, long- and middle-range distribution strategy definition, short-term replenishment decisions, and the day-to-day tracking of stock and moving goods.

Strategy Planning, is designed to provide assistance in making medium- and long-term planning decisions in a distribution network by computing strategies for replenishing the network.

This publication describes the Strategy Planning (SP) component of the Distribution Management Information System set of application programs. It is intended for users who require a detailed knowledge of the application for modification or

Manual, 8 1/2 x 11 inches, 192 pages, 10/81  
 ////5785-EBB/WT-ONLY

LB11-5424

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM, STRATEGY PLANNING, IFF 5785-EBB, SYSTEMS GUIDE

The Distribution Management Information System suite of application programs aims to assist distribution managers in sales forecasting, long- and middle-range distribution strategy definition, short-term replenishment decisions, and the day-to-day tracking of stock and moving goods.

Strategy Planning, is designed to provide assistance in making medium- and long-term planning decisions in a distribution network by computing strategies for replenishing the network.

This publication describes the Strategy Planning (SP) component of the Distribution Management Information System set of application programs. It is intended for users who require a detailed knowledge of the application for modification or maintenance.

Manual, 8 1/2 x 11 inches, 130 pages, 10/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5425

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - REPLENISHMENT CONTROL, IFF 5785-EBC, NOTICE

Replenishment Control, is designed to perform the daily functions that are needed to maintain inventories and to initiate shipments within a distribution network. It contains three programs: Replenishment Review program, Proposal Formation program, and Proposal Review program.

Flyer, 8 1/2 x 11 inches, 6 pages, 4/81  
 ////5785-EBC/WT-ONLY

SB11-5426

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - REPLENISHMENT CONTROL, IFF 5785-EBC, DESCRIPTION/OPERATIONS

This International Field Program, Distribution Management Information System - Replenishment Control, is designed to perform the daily functions that are needed to maintain inventories and to initiate shipments within a distribution network. It contains four programs: Replenishment Review program; Proposal Review program; Proposal Formation program; and Freight Cost File Maintenance program.

This manual describes the Replenishment Control component (referred to as RC) of the Distribution Management Information System suite of application programs (referred to as applications). Information about the other component applications can be found in the Distribution Management Information System - Application Descriptions Manual, GB11-5431.

Manual, 8 1/2 x 11 inches, 188 pages, 1/82  
 ///5785-EBC/WT-ONLY

GB11-5428

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, NOTICE

Data Base Maintenance, aims to minimize the preparation required to create and maintain the Distribution Management data base. This data will be the nucleus of an information system for distribution management, since it provides a common interface between the application programs.

The objectives of this program are to enable users to avoid costly data base design and data base program development and to reduce the effort of data base creation, thus shortening the time needed to implement an operational Distribution Management Information System.

Flyer, 8 1/2 x 11 inches, 6 pages, 4/81  
 ///5785-EBD/WT-ONLY

SB11-5429

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, DESCRIPTION/OPERATIONS

This manual describes Data Base Maintenance including information on its installation and operation. It is intended to be read by distribution and data processing personnel who will use any of the applications. For information about this program, see abstract for LB11-5430.

Manual, 8 1/2 x 11 inches, 114 pages, 7/81  
 ///5785-EBD/WT-ONLY

LB11-5430

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, SYSTEMS GUIDE

The Distribution Management Information System suite of application programs aims to assist distribution managers in sales forecasting, long- and middle-range distribution strategy definition, short-term replenishment decisions, and the day-to-day tracking of stock and moving goods.

The Data Base Maintenance component aims to minimize the time and effort needed to create and maintain an operational data base design for the system, and also provides a common interface between the system applications.

This manual describes common facilities used in all the applications and the facilities specific to Data Base Maintenance.

A listing is given of those modules and descriptions of those routines not already presented in the PDOM.

It is intended for users who require a detailed knowledge of the application for modification or maintenance. Its purpose is to provide guidance and assistance in reading the source code.

Manual, 8 1/2 x 11 inches, 84 pages, 7/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5431

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM, IFF 5785-EAZ, -EBA, -EBB, -EBC, -EBD, APPLICATION DESCRIPTION

This manual provides an introduction to the field of physical distribution and background and general information about the Distribution Management Information System, a particular suite of computer programs (referred to as application programs or applications) developed by IBM and intended to provide assistance in the management of a company's physical distribution operations.

Manual, 8 1/2 x 11 inches, 62 pages, 5/81  
 ///5785-EAZ, 5785-EBA, 5785-EBB, 5785-EBC, 5785-EBD/WT-ONLY

LB11-5432

DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, DATA BASE REFERENCE HANDBOOK

This manual describes the data base design used by the Distribution Management Information System application programs.

It is intended as a reference guide to the data bases for users of programs accessing them, and for system analysts and programmers who wish to adapt the codes of such programs or to use this data base design for their own programs.

For information about this program, see abstract for LB11-5430.

Manual, 8 1/2 x 11 inches, 82 pages, 7/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5435

VIRTUAL PAPER WRITER, IFF 5785-HAC OS/VS2 (MVS) JES2 TIME SHARING OPTION, NOTICE

The Virtual Paper Writer (VPW) is a set of programs that enable the OS/VS2 (MVS) JES2 data processing installation to provide batch and TSO users with an attractive alternative for processing output data.

Using VPW, SYSOUT data is converted to OS/VS sequential data sets on direct access or mass storage volumes. This conversion is an automatic process that does not require setup or operator intervention. The 'virtual paper' data sets are available to the user for viewing at a display station.

Flyer, 8 1/2 x 11 inches, 4 pages, 02/80  
 ///5785-HAC/WT-ONLY

SB11-5436

VIRTUAL PAPER WRITER, IFF 5785-HAC, DESCRIPTION/OPERATIONS  
 The manual provides a system overview, a program description and application possibilities. It includes operating instructions and message information needed by the system programmer for installing the program. The manual also provides details on the components that are part of the program. It is intended for system programmers who wish to add installation exists or customize the VPW code to their particular needs.

Manual, 8 1/2 x 11 inches, 44 PAGES, 02/80  
 ///5785-HAC/WT-ONLY

GB11-5442

8100 (DPCX) 3790 DATA SERVICE UTILITY PROGRAM, IFF 5785-DCL, NOTICE

This document describes the program product and provides information on price, ordering, installation, and service.

Flyer, 8 1/2 x 11 inches, 4 pages, 12/79  
 ///5785-DCL/WT-ONLY

SB11-5443

8100 (DPCX) 3790 DATA SET UTILITY PROGRAM, 5785-DCL, DESCRIPTION/OPERATIONS

The IBM 8100 (DPCX)/3790 Data Set Utility Program provides the programmer with many basic functions for data set creation and manipulation during the application program test.

These functions include display, modification, extension, deletion, and printing of user data records. The program supports the following functions:

- Interactive creation of testing data
- Display, modification, deletion, and printing of 8100/3790 user data
- Display of Data Set Control Blocks (DSCBs)
- Display, modification, and printing of the common buffer.

The program is written in Assembler and generated under DMS/3790. It can be assembled under DOS/VS, OS/VS, or VM/370. Version 8 of the IBM 3790 Macro Library must be used.

Manual, 8 1/2 x 11 inches, 16 pages, 12/79  
 ///5785-DCL/WT-ONLY

GB11-5461

MAGNETIC CARDS TO 3730 ARCHIVE DISKETTE TEXT CONVERSION, IFF 5785-HAE, REL 7 MODIF 0 NOTICE

This program provides users of the IBM 3730 Distributed Office Communication System with a tool to convert text from magnetic cards to IBM 3730 Archive Diskette format.

Users of the IBM 3730 Distributed Office Communication System may previously have utilized IBM magnetic card typewriters for their text needs. They will now need to convert their inventory of documents, stored on magnetic cards, to IBM 3730 Archive Diskette, in order to be able to continue to use and update these documents.

Flyer, 8 1/2 x 11 inches, 4 pages, 03/80  
 ///5785-HAE/WT-ONLY

SB11-5462

MAGNETIC CARDS TO 3730 ARCHIVE DISKETTE TEXT CONVERSION PROGRAM, IFF 5785-HAE, DESCRIPTION/OPERATIONS

This manual describes the capabilities and limitations of the conversion program. How to write the subroutine required for handling the language dependent special characters is described and examples of subroutines for various languages are provided. This manual is both a system description and an installation and operations reference document.

Manual, 8 1/2 x 11 inches, 24 pages, 05/80  
 ///5785-HAE/WT-ONLY

SB11-5469

INTEGRATED PROCESSING OF DATA DNA TEXT, IFF 5785-DCT, DESCRIPTION/OPERATIONS

Integrated Processing of Data and Text is a powerful tool designed to assist professionals, secretaries, typists and word processing centers in producing quality correspondence, thus saving time.

This manual provides an overview of the total system as well as detailed information about the installation procedure, customizing activities, user program interfaces, and sample problem execution. The Appendix refers to data areas and program modules.

Details of associated manuals are given in the



Bibliography.  
Manual, 8 1/2 x 11 inches, 112 pages, 8/80  
////5785-DCI/WT-ONLY

SB11-5470

INTEGRATED PROCESSING OF DATA AND TEXT, IFP 5785-DCX,  
-DDD, -DDG, USER'S GUIDE

Integrated Processing of Data and Text is a tool designed to assist professionals, secretaries, typists, and word processing centers in producing quality correspondence with a considerable saving of time.

This guide is intended to assist the user in the application IPDT. It can be used both by the system administrator and by the terminal operator.

It contains detailed information about all conversation steps and a list of all error and informatory messages.

Details of associated manuals are given in the Bibliography.

Manual, 8 1/2 x 11 inches, 132 pages, 8/81  
////5785-DCX,5785-DDD,5785-DDG/WT-ONLY

GB11-5471

SWISS APPLICATION PROGRAM EXTENDED 3600 & 4700 FINANCE  
COMMUNICATION SYSTEMS, IFP 5785-LAK, NOTICE

The Swiss Application Program for the IBM 3600 Finance Communication System/Extended (SWAP/E) resides in one of the following IBM 3600 Finance Communication System control units: 3601, 3602, or 5995, or in a 4701 controller. It builds on the basic system and application functions of the SWAP base program, 5785-LAE (5788-LAG for Switzerland), and provides automated teller machine support, administrative display support, optical character reader device support and extensions to the SWAP base program. The program may be tailored to the individual customer's needs; the desired function modules are selected at generation time.

Flyer, 8 1/2 x 11 inches, 6 pages, 11/81  
////5785-LAK/WT-ONLY

SB11-5472

SWISS APPLICATION PROGRAM EXTENDED, IFP 5785-LAK  
DESCRIPTION/OPERATIONS

The Swiss Application Program for the IBM 3600 Finance Communication System/Extended (SWAP/E) builds on the basic system and application functions of the SWAP base program, 5785-LAE (5788-LAG for Switzerland), and provides:

- Automated teller machine support
- Administrative display support
- Optical character reader device support
- Extensions to the SWAP base program

The program may be tailored to the individual customer's needs; the desired function modules are selected at generation time.

Manual, 8 1/2 x 11 inches, 424 pages, 5/82  
////5785-LAK/WT-ONLY

LB11-5473

SWISS APPLICATION PROGRAM EXTENDED, IFP 5785-LAK, SYSTEMS  
GUIDE

This publication provides the System Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance. The Swiss Application Program for the IBM 3600 Finance Communication System/Extended (SWAP/E) provides support for the IBM 3624 automated teller machine, administrative display terminal functions, and IBM 5922-S11 document reader (OCR) operation. These functions are provided as an addition to the capabilities of the SWAP base program, 5785-LAE.

Manual, 8 1/2 x 11 inches, 354 pages, 9/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5474

COPICS CUSTOMER ORDER SERVICING DATA MANAGEMENT ORDER  
MANAGEMENT, IFP 5785-DCN, -DCP, NOTICE

The International Field Programs COPICS Customer Order Servicing (COPICS-COS) are designed to meet the needs of Suppliers. Using COPICS-COS and online video display terminals, the order servicing organization can enter customer orders completely, quickly, and correctly; supervise the checking of customer requests to meet deadlines; make changes to already existing orders quickly and efficiently; and provide up-to-date information in response to both customer and internal questions.

Flyer, 8 1/2 x 11 inches, 12 pages, 8/80  
////5785-DCN,5785-DCP/WT-ONLY

SB11-5475

COPICS CUSTOMER ORDER SERVICING - DATA MANAGEMENT, IFP  
5785-DCN DESCRIPTION/OPERATIONS

The International Field Programs COPICS Customer Order Servicing (COPICS-COS) are designed to meet the needs of Suppliers Using COPICS-COS and online video display terminals, the order servicing organization can:

- Enter customer orders completely, quickly, and correctly
- Supervise the checking of customer requests to meet deadlines
- Make changes to already existing orders quickly and efficiently
- Provide up-to-date information in response to both customer and internal questions.

For technical details, the user should refer to the

COPICS Customer Order Servicing-Data Management Systems Guide, LB11-5476.

COPICS Customer Order Servicing is an integral part of COPICS and functions together with, in particular, the following COPICS International Field Programs:

- COPICS Bill of Material Online II, 5785-GBA
- COPICS Bill of Material Batch Utilities II, 5785-GBC
- COPICS Inventory Accounting II, 5785-GBE
- COPICS Advanced Function/Material Requirements Planning II, 5785-GBF

The user may refer to the following manuals for these programs:

- COPICS Bill of Material Online II Program Description and Operations Manual, SB11-5523
- COPICS Bill of Material Batch Utilities II Program Description and Operations Manual, SB11-5525
- COPICS Inventory Accounting II Program Description and Operations Manual, SB11-5529
- COPICS Advanced Function/Material Requirements Planning II Program Description and Operations Manual, SB11-5531

Manual, 8 1/2 x 11 inches, 368 pages, 9/80  
////5785-DCN/WT-ONLY

LB11-5476

COPICS CUSTOMER ORDER SERVICING - DATA MANAGEMENT,  
IFP 5785-DCN, SYSTEMS GUIDE

The International Field Programs COPICS Customer Order Servicing (COPICS-COS) are designed to meet the needs of suppliers using COPICS-COS and online video display terminals, the order servicing organization can:

- Enter customer orders completely, quickly, and correctly
- Supervise the checking of customer requests to meet deadlines
- Make changes to already existing orders quickly and efficiently
- Provide up-to-date information in response to both customer and internal questions

This manual describes the basic flow of the COPICS Customer Order Servicing - Data Management programs. The integration of the programs into the CICS/VS and DL/I environment is explained. The internally used macros and copy books as well as the generally used subroutines are documented. To support the implementation of exits, the corresponding interfaces are defined.

The manual presumes that the reader is familiar with the functions of COPICS Customer Order Servicing - Data Management as described in the COPICS Customer Order Servicing - Data Management Program Description and Operations Manual.

In this document, for the sake of convenience, COPICS Customer Order Servicing is abbreviated as COS.  
Manual, 8 1/2 x 11 inches, 178 pages, 9/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SB11-5478

COPICS CUSTOMER ORDER SERVICING - ORDER MANAGEMENT,  
IFP 5785-DCP, DESCRIPTION/OPERATIONS

The International Field Programs COPICS Customer Order Servicing (COPICS-COS) are designed to meet the needs of Suppliers Using COPICS-COS and online video display terminals, the order servicing organization can:

- Enter customer orders completely, quickly, and correctly
- Supervise the checking of customer requests to meet deadlines
- Make changes to already existing orders quickly and efficiently
- Provide up-to-date information in response to both customer and internal questions.

COPICS Customer Order Servicing - Data Management is prerequisite to the installation and use of COPICS Customer Order Servicing-Order Management. The user should be familiar with the COPICS Customer Order Servicing - Data Management Program Description and Operations Manual, SB11-5475. For technical details, the user should refer to the COPICS Customer Order Servicing-Order Management Systems Guide, LB11-5479, and COPICS Customer Order Servicing - Data Management Systems Guide, LB11-5476.  
Manual, 8 1/2 x 11 inches, 170 pages, 9/80  
////5785-DCP/WT-ONLY

LB11-5479

COPICS CUSTOMER ORDER SERVICING - ORDER MANAGEMENT,  
IFP 5785-DCP, SYSTEMS GUIDE

The International Field Programs COPICS Customer Order Servicing (COPICS-COS) are designed to meet the needs of suppliers using COPICS-COS and online video display terminals, the order servicing organization can:

- Enter customer orders completely, quickly, and correctly
- Supervise the checking of customer requests to meet deadlines
- Make changes to already existing orders quickly and efficiently
- Provide up-to-date information in response to both customer and internal questions

This manual describes the basic flow of the COPICS Customer Order Servicing - Order Management programs. It shows how the programs are integrated into the CICS/VS and DL/I environment. The internally used macros and copy books are documented, as well as the generally used subroutines. For implementing exits, the related interfaces are defined.

The reader of the manual should be familiar with the functions and documents of Customer Order Servicing - Data Management and Customer Order Servicing - Order Management.

For convenience, COPICS Customer Order Servicing is abbreviated in this document as COS.  
Manual, 8 1/2 x 11 inches, 80 pages, 9/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GB11-5482

3800 PRESTIGE ELITE FONT, IFP 5785-AAN, NOTICE  
The IBM 3800 Prestige Elite Font is an International Field Program that provides a new character font for users of the IBM 3800 Printing Subsystem. It is based on the Prestige Elite typeballs of IBM typewriters, and retains the thick and thin strokes of the characters. Printouts, which can be obtained at very high speed with this font, have the appearance of specially typed documents and can fulfill the same purposes.  
Flyer, 8 1/2 x 11 inches, 4 pages, 04/80  
////5785-AAN

SB11-5483

3800 PRESTIGE ELITE FONT, IFP 5785-AAN, DESCRIPTION/OPERATIONS  
An International Field Program enabling a typewriter-style Prestige Elite font to be implemented on the IBM 3800 Printing Subsystem.  
This manual provides the information necessary for understanding, installing, using, and modifying the program.  
Manual, 8 1/2 x 11 inches, 28 pages, 01/80  
////5785-AAN/WT-ONLY

GB11-5484

DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -FAJ, -FAH, NOTICE  
The Dortmund Library System (Dortmunder Bibliothekssystem, DOBIS), developed by the University of Dortmund in Germany, and the Leuven Library System (Leuvens Integraal Bibliotheek System, LIBIS), developed by the University of Leuven in Belgium, together form an online, easy-to-use library management system.  
The DOBIS and LIBIS system includes cataloging, searching, acquisitions, and circulation, as well as the production of catalog cards, microform catalogs (COM), and the listings and notices required for circulation and acquisitions. The system is designed to be used in university, public, special, and national libraries.  
Flyer, 8 1/2 x 11 inches, 8 pages, 6/80  
////5787-DAA,5787-FAH,5787-FAJ/WT-ONLY

GB11-5485

STRUCTURED DESIGN AND DOCUMENTATION FACILITY, -IFP, -FAF, -FAJ, NOTICE  
The Structured Design and Documentation Facility (SDADF) is a key element in creating, obtaining, and maintaining useful and adequate documentation for everyone involved in an application development process.  
Flyer, 8 1/2 x 11 inches, 4 pages, 05/80  
////5785-FAF,5785-FAJ/WT-ONLY

SB11-5486

STRUCTURED DESIGN AND DOCUMENTATION FACILITY BASE: IFP 5785-FAF, CONVERSATIONAL MONITOR SYSTEM INTERFACE: IFP 5785-FAJ, DESCRIPTION/OPERATIONS  
The Structured Design and Documentation Facility (SDADF) is a key element in creating, obtaining, and maintaining useful and adequate documentation for everyone involved in an application development process.  
Manual, 8 1/2 x 11 inches, 72 pages, 6/80  
////5785-FAF,5785-FAJ/WT-ONLY

SB11-5490

DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -DAB, -FAJ, FAK, -FAH, -FAL, LIBRARIANS GUIDE  
This manual is designed to explain the Dortmund Library System and the Leuven Library System to the library staff members who will use them.  
The Dortmund Library System (DOBIS, Dortmunder Bibliothekssystem) is a group of programs developed at the University of Dortmund in Dortmund, West Germany. DOBIS handles the searching and cataloging activities for a single library or a network of libraries.  
The Leuven Library System (LIBIS, Leuvens Integraal Bibliotheek Systeem) is a group of programs developed at the Catholic University of Leuven in Leuven, Belgium. LIBIS handles the circulation and acquisitions activities for a single library or a network of libraries.  
LIBIS and DOBIS operate together to provide the functions of an online, integrated, library system.  
Further information about DOBIS/LIBIS can be found in: Dortmund and Leuven Library Systems Installation and Operations Guide, SB11-5491, referred to in this manual as the Installations and Operations Guide.  
Leuven Library System-Batch Program Description and Operations Manual, SB11-5356, referred to in this manual as the LIBIS-Batch PDOM.  
Manual, 8 1/2 x 11 inches, 166 pages, 9/81  
////5787-DAA,5787-DAB,5787-FAJ,5787-FAK,5787-FAH,5787-FAL/WT-ONLY

SB11-5491

DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -DAB, -FAJ, -FAK, -FAH, -FAL, INSTALLATION AND OPERATIONS GUIDE  
The Dortmund Library System (Dortmunder Bibliothekssystem, DOBIS), developed by the University of Dortmund in Germany, and the Leuven Library System (Leuvens Integraal Bibliotheek System, LIBIS), developed by the University of Leuven in Belgium, together form an online, easy-to-use library management system.  
This document is a combination of the Dortmund Library System Installation and Operations Guide and the Leuven Library System Installation and Operations Guide.  
Manual, 8 1/2 x 11 inches, 158 pages, 9/81  
////5787-DAA,5787-FAL,5787-DAB,5787-FAJ,5787-FAK,5787-FAH/WT-ONLY

GB11-5492

DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -FAJ, -FAH, -DAB, -FAK, -FAL, NOTICE  
The Dortmund Library System (Dortmunder Bibliothekssystem, DOBIS), developed by the University of Dortmund in Germany, and the Leuven Library System (Leuvens Integraal Bibliotheek System, LIBIS), developed by the University of Leuven in Belgium, together form an online, easy-to-use library management system.  
DOBIS/LIBIS includes cataloging, searching, acquisitions, and circulation, as well as the production of catalog cards, computer output on microform (COM) catalogs, and the listings and notices required for circulation and acquisitions. The system is designed to be used in university, public, special, and national libraries.  
Flyer, 8 1/2 x 11 inches, 8 pages, 7/81  
////5787-DAA,5787-DAB,5787-FAH,5787-FAJ,5787-FAK,5787-FAL/WT-ONLY

SB11-5520

INSTRUCTION MODULE GENERATOR, IFP 5785-AAF, USER'S GUIDE  
This manual provides the user, that is, the course author, of the Instruction Module Generator (IMG) with the necessary information for carrying on a dialog with the IMG "course-building" area. The entry of text for student presentation and exercises for student questioning, as well as the modification of already entered text and exercises, is described.  
Manual, 8 1/2 x 11 inches, 24 pages, 2/81  
////5785-AAF/WT-ONLY

GB11-5522

COPICS IMPLEMENTATION, COPICS BILL OF MATERIAL ONLINE II, IFP 5785-GBA, NOTICE  
The COPICS Bill of Material Online II International Field Program is designed to bring the Product Definition data Base directly to design and manufacturing engineering departments, along with all other functions that require access to product definition information. Through the use of online video display terminals, the user can create and maintain bill of material data as well as make inquiries against it.  
This International Field Program allows design and manufacturing engineering departments to manage effectively the large volume of changes that affect the bills of material. These changes are due to a number of factors such as adding new products, changing product design, product discontinuances, and manufacturing and cost improvements.  
Flyer, 8 1/2 x 11 inches, 6 pages, 8/80  
////5785-GBA/WT-ONLY

GB11-5524

COPICS IMPLEMENTATION, COPICS BILL OF MATERIAL BATCH UTILITIES II, IFP 5785-GBC, NOTICE  
The creation of product definition data-item data and bills of material is an essential part of any successful manufacturing organization. These engineering records are the foundation upon which the planning and execution systems are built. This information is used throughout the whole process of production planning, starting with the forecasting of customer requirements, through the development of the master production schedule, to the production and shipment of each product.  
This International Field Program provides for the initial loading of item and bill of material data. It can also be used for the maintenance, at the segment level, of large volumes of information. Programs for printing bills of material are also provided.  
Flyer, 8 1/2 x 11 inches, 6 pages, 8/80  
////5785-GBC/WT-ONLY

GB11-5526

COPICS IMPLEMENTATION, COPICS PRODUCT COST CALCULATION II, IFP 5785-GBD, NOTICE  
The COPICS Product Cost Calculation II International Field Program is an operational tool for the end user responsible for product cost planning and control. Included in this area are the calculation of product costs as well as the analysis and simulation of the impact on end product costs and profitability due to changing component costs, product structures, or overhead rates.  
COPICS Product Cost Calculation II is a set of batch and online programs that are designed to do the product cost calculation and provide online inquiry and update facilities for analysis as well as an online simulation capability. It

provides a connection between production management and financial management applications.

This International Field Program is offered within the COPICS Implementation program. It has been designed around the COPICS DL/I Manufacturing Data Base architecture to run in an integrated mode with the other products offered within that program.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/80  
 ////5785-GBD/WT-ONLY

SB11-5527

COPICS PRODUCT COST CALCULATION II, IFF 5785-GBD, DESCRIPTION/OPERATIONS

Product Cost Calculation II is one of a set of Communication Oriented Product Information and Control System (COPICS) products that together form an integrated computer-based control system designed to assist management in making better and faster business decisions in many areas of concern for most manufacturing companies.

COPICS Product Cost Calculation II is designed to provide management with guidance for the development of an online manufacturing control system.

Manual, 8 1/2 x 11 inches, 142 pages, 12/80  
 ////5785-GBD/WT-ONLY

GB11-5528

COPICS IMPLEMENTATION, COPICS INVENTORY ACCOUNTING II, IFF 5785-GBE, NOTICE

The COPICS Inventory Accounting II International Field Program addresses the administrative, or record-keeping, aspect of inventory control. This program has online entry, editing, and processing of inventory transactions with batch transaction history and audit trails.

The COPICS Inventory Accounting II International Field Program is an operational tool to be used by departments responsible for material availability. Material Control, Production control, and Procurement rely heavily on inventory status information. This program helps ensure the quality and timeliness of this information by providing an easy way to enter and record material movements and allocations, as well as an online inquiry capability on material availability.

This International Field Program is offered within the COPICS Implementation program. It has been designed around the DL/I Manufacturing data base architecture to run in an integrated mode with the other products offered within that program.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/80  
 ////5785-GBE/WT-ONLY

SB11-5529

COPICS INVENTORY ACCOUNTING II, IFF 5785-GBE, DESCRIPTION/OPERATIONS

This is one of a set of products that together form an integrated computer-based manufacturing control system, the COPICS Implementation program, designed to assist management to make better and faster business decisions in many of the areas which cause problems for most manufacturing companies.

COPICS Inventory Accounting II is designed to maintain inventory accounting data in a correct and up-to-date state, using online terminals. It also provides for the bulk loading of the inventory accounting data to assist in the installation of the COPICS Implementation products.

This manual is a reference document for both users and data processing personnel. It is structured so that the end user will be primarily interested in Sections 3 through 8, and the data processing personnel in the remaining sections. Once the product is installed, the program Scenario described in Section 13 should be performed by everybody working with the system. Appendix A contains information needed for conversion from COPICS Release 1.1 to Release 2.0. There is a bibliography of related documentation.  
 Manual, 8 1/2 x 11 inches, 284 pages, 9/80  
 ////5785-GBE

GB11-5530

COPICS IMPLEMENTATION, COPICS ADVANCED FUNCTION/MATERIAL REQUIREMENTS PLANNING II, IFF 5785-GBF, NOTICE

The COPICS Advanced Function/Material Requirements Planning II International Field Program answers the needs of manufacturers.

It offers Production Control end users the capability to respond to a frequently recalculated production plan (as often as daily) using online video display terminals. Whenever an actual production situation demands a modification to the plan, it can be done by a production planner in a timely manner using the online facilities.

Flyer, 8 1/2 x 11 inches, 8 pages, 8/80  
 ////5785-GBF/WT-ONLY

SB11-5531

COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING II, IFF 5785-GBF, DESCRIPTION/OPERATIONS

Advanced Function Material Requirements Planning II is one of a set of Communication Oriented Product Information and Control System (COPICS) products that together form an integrated computer-based control system designed to assist management in making better and faster business decisions in many areas of concern for most manufacturing companies.

COPICS Advanced Function Material Requirements Planning II offers users a responsive Materials Requirements Planning system that allows frequent online replanning and order

manipulation.

Manual, 8 1/2 x 11 inches, 306 pages, 12/80  
 ////5785-GBF/WT-ONLY

GB11-5539

COPICS PURCHASING, IFF 5785-GAX, NOTICE

COPICS Purchasing is an operational tool that enables buyers in purchasing departments to make better use of their time. Time-consuming activities, such as searching for the copy of an order or establishing whether certain items have been received, can be reduced or eliminated. The buyer can thus spend more time trying to obtain lower prices and more reliable sources of supply. COPICS Purchasing can help manage such items as raw materials, finished parts and assemblies, services, tools, supplies, and capital equipment.

The COPICS Purchasing International Field Program addresses a company's administrative and managerial activities required for procuring goods and services. COPICS Purchasing provides timely information on requirements for purchased items and the alternatives open to the buyer to supply those requirements in the most effective way. It helps the buyer to make the best choice by selecting those requirements which should be handled in a routing manner and by performing time-consuming comparisons of costs from alternative suppliers. The buyer can always review and alter system recommendations or bypass automatic functions in special situations.

Flyer, 8 1/2 x 11 inches, 8 pages, 11/80  
 ////5785-GAX

SB11-5540

COPICS PURCHASING, IFF 5785-GAX, DESCRIPTION OPERATIONS

The COPICS Purchasing International Field Program addresses a company's administrative and managerial activities required for procuring goods and services. COPICS Purchasing provides timely information on requirements for purchased items and the alternatives open to the buyer to supply those requirements in the most effective way. It helps the buyer to make the best choice by selecting those requirements which should be handled in a routine manner and by performing time-consuming comparisons of costs from alternative suppliers. The buyer can always review and alter system recommendations or bypass automatic functions in special situations.

COPICS Purchasing provides important information to the procurement departments and other areas through support of the Purchase Order Data Base.  
 Manual, 8 1/2 x 11 inches, 464 pages, 4/81  
 ////5785-GAX/WT-ONLY

GB11-5541

COPICS RECEIVING, IFF 5785-GAZ, NOTICE

The objectives of a receiving system are to enable people to handle routine receipts easily and minimize the time taken to solve problems by quickly providing information for decision-making. To support these objectives, the system should provide current information on expected receipts, how receipts are to be processed, and the status of receipts already being processed.

The COPICS Receiving International Field Program addresses a company's administrative and managerial activities required for the receiving and processing of purchased goods. It is an operational tool that enables receiving and receiving inspection departments to control material from the time it is received at the dock until it is moved to a final destination (for example, stores or a requesting department).  
 Flyer, 8 1/2 x 11 inches, 6 pages, 11/80  
 ////5785-GAZ

SB11-5542

COPICS RECEIVING, IFF 5785-GAZ, DESCRIPTION/OPERATIONS

One of the elements of COPICS Implementation is the COPICS Receiving product. This is a set of computer programs which enable a user to maintain, using the computer, the basic information on received goods, and to perform functions such as identification, validation, and tracking of materials, from the moment they are received to their final destination (stores, requesting departments, etc). This is achieved by the use of online terminals for inquiry and for updating the necessary information.

Manual, 8 1/2 x 11 inches, 206 pages, 6/81  
 ////5785-GAZ/WT-ONLY

GB11-5543

STAIRS/CONVERSATIONAL MONITOR SYSTEM, IFF 5785-CAH, NOTICE

Storage and Information Retrieval System/Conversational Monitor System (STAIRS/CMS) is an International Field Program that allows the user to interactively create and store data bases (of documents), expand existing data bases, retrieve data from data bases according to specified criteria through an interactive dialog with the system, and have retrieved data displayed at a terminal and/or printed on a high-speed printer.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/81  
 ////5785-CAH/WT-ONLY

SB11-5544

STORAGE AND INFORMATION RETRIEVAL SYSTEM/CONVERSATIONAL MONITOR SYSTEM, IFF 5785-CAH, DESCRIPTION/OPERATIONS  
The IBM Storage and Information Retrieval System/CMS (STAIRS/CMS) is a multi-user system for the storage and retrieval of documents. The system is based on the use of CMS organized data bases which may contain formatted and/or non formatted data.

This manual is intended for system programmers, to assist in installing STAIRS/VS and putting it into production.

Manual, 8 1/2 x 11 inches, 52 pages, 9/80  
////5785-CAH/WT-ONLY

SB11-5545

STORAGE AND INFORMATION RETRIEVAL SYSTEM/CONVERSATIONAL MONITOR SYSTEM, IFF 5785-CAH, TERMINAL USER'S GUIDE  
The IBM Storage and Information Retrieval System/CMS (STAIRS/CMS) is a multi-user system for the storage and retrieval of documents. The system is based on the use of CMS organized data bases which may contain formatted and/or non-formatted data.

This manual contains all the information needed by a terminal user to create STAIRS/CMS data bases then retrieve documents from them for browsing and/or printing.

This manual should be kept at (or near) all terminals where STAIRS/CMS is being used.

Manual, 8 1/2 x 11 inches, 76 pages, 9/80  
////5785-CAH/WT-ONLY

GB11-5559

DISTRIBUTED TIME AND ATTENDANCE REPORTING 8100/DPPX HOST INTERFACE, IFF 5785-DDA, -DDB, NOTICE  
Attendance recording is a personnel oriented application which collects the clock-in clock-out information on an employee and is the basic input for payroll.

Distributed Time and Attendance Reporting (DTAR) is designed not only to reduce the normal effort required for attendance recording but also to alleviate administrative activities. It is based upon the use of a magnetically encoded badge.

DTAR/HI resides in the central IBM host system and manages the data distribution to and from the 8100 and serves as the interface to the required host time and attendance analysis application. The host time and attendance analysis application is not part of DTAR and must be furnished by the customer.

Flyer, 8 1/2 x 11 inches, 8 pages, 5/81  
////5785-DDA,5785-DDB/WT-ONLY

SB11-5560

DISTRIBUTED TIME AND ATTENDANCE REPORTING 8100/DPPX HOST INTERFACE, IFF 5785-DDA, -DDB, DESCRIPTION/OPERATIONS  
This publication provides the user with sufficient information to understand, install and successfully use the program. The users (payroll department employees and time clerks) are provided with a functional description of DTAR, a detailed description of all necessary input, and all output data and results that can be produced. The relationship and dependencies among the different types of data are described exactly, and processing with the structured information on the display station IBM 8775 Display Terminal is demonstrated by an application sample.

The DP department (system programmers) are provided with a description of each DTAR program and a detailed description of the data bases used. Instructions for installing and using the host programs as well as for the operation of one or more subsystems are also included. In addition, the installation and operation of data transmission between the host and the subsystems is also described.

Manual, 8 1/2 x 11 inches, 264 pages, 8/82  
////5785-DDA,5785-DDB/WT-ONLY

SB11-5566

INTEGRATED PROCESSING OF DATA AND TEXT, IFF 5785-DCX, -DDD, DESCRIPTION/OPERATIONS  
Integrated Processing of Data and Text (IPDT) is a series of integrated programs designed to assist in the production of tailored, computer-generated letters.

This manual is intended to assist the user in the application of IPDT. It can be used both by the system administrator and by the terminal operator. It contains detailed information about all conversation steps and a list of all error and informatory messages. Details of associated manuals are given in the Bibliography.

Manual, 8 1/2 x 11 inches, 128 pages, 8/81  
////5785-DCX,5785-DDD/WT-ONLY

GB11-5568

TRANSPARENCY DESIGN PROGRAM, IFF 5785-HAF, NOTICE  
The Transparency Design Program is primarily designed to provide a means for designing and preparing transparencies (foils). After being printed on an IBM 3800 Printing Subsystem, foil designs can be used to produce transparencies for use on overhead projectors for lectures or presentations. The foils may also be printed for distribution, either in full or reduced size. A maximum of four foils in a reduced size (mini-foils) may be printed on one page.

In addition to this main function, the program also provides several different 3800 character sets for use with,

for example, SCRIPT/VS text formatting.  
Flyer, 8 1/2 x 11 inches, 6 pages, 8/81  
////5785-HAF/WT-ONLY

SB11-5569

TRANSPARENCY DESIGN PROGRAM, IFF 5785-HAF, DESCRIPTION/OPERATIONS

This manual describes the use and installation of the Transparency Design Program, which allows users of IBM 3270 display stations to make online designs of transparencies (foils).

The Transparency Design Program is primarily designed to provide a means for designing and preparing transparencies (foils). After being printed on an IBM 3800 Printing Subsystem, foil designs can be used to produce transparencies for use on overhead projectors for lectures or presentations. The foils may also be printed for distribution, either in full or reduced size. A maximum of four foils in a reduced size (mini-foils) may be printed on one page.

In addition to this main function, the program also provides several different 3800 character sets for use with, for example, SCRIPT/VS text formatting.  
Manual, 8 1/2 x 11 inches, 68 pages, 8/81  
////5785-HAF/WT-ONLY

SB11-5570

INDIVIDUAL LEARNING PACKAGE, IFF 5799-CAA, COMPUTER BASED TRAINING IMPLEMENTATION GUIDE

This manual describes how to install and administer IBM DP Education Individual Learning Packages under Release 1 of the Interactive Instructional Presentation System. Individual Learning Packages are Computer Based Training (CBT) courses available to customers as International Field Programs for in-house training.

The intended audience is firstly the individual within the organization who has the overall responsibility for the availability of the CBT system together with its courses. This person, who may be found either in the Training Department or the Data Processing Department, is usually called the CBT Administrator.

This manual also addresses the individual in each student location who provides direct assistance to trainees. This person is usually called the Training Coordinator.  
Manual, 8 1/2 x 11 inches, 34 pages, 6/81  
////5779-CAA/WT-ONLY

GB11-5573

ONLINE USER HELP FACILITY CICS/VS, IFF 5785-DCQ, NOTICE

Online User Help Facility is designed to maintain and retrieve any form of documentation online, using a standard DL/I data base and running under the control of CICS. The information can be entered in the form of text and menus, and structured according to the users requirements. It is suited to provide a help facility to users of any existing CICS applications.

This document describes the program product and provides information on price, ordering, installation, and service.  
Flyer, 8 1/2 X 11 inches, 6 pages, 3/82  
////5785-DCQ/WT-ONLY

SB11-5574

ONLINE USER HELP FACILITY, IFF 5785-DCQ, DESCRIPTION/OPERATIONS

This Program Description and Operations Manual for the Online User Help Facility provides the necessary information for both the end user and the data processing department to enable them to use the product successfully. For information about this program, see abstract for GB11-5573.

Manual, 8 1/2 x 11 inches, 96 pages, 3/82  
////5785-DCQ/WT-ONLY

GB11-5579

A DEPARTMENTAL REPORTING SYSTEM II TRAINING, IFF 5779-CAA, INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, NOTICE

Computer Based Training uses a self-study student text with exercises to be solved at a terminal. Computer Based Training courses developed to educate data processing professionals are known as "courseware". Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as individual Learning Packages (ILP).

This course is designed to teach how to set up a data base and prepare and update reports using A Departmental Reporting System II (ADARS II). It is designed for a broad range of users, with or without data processing background, including administrative and professional personnel.  
Flyer, 8 1/2 x 11 inches, 4 pages, 5/81  
////5779-CAA/WT-ONLY

SB11-5580

A DEPARTMENTAL REPORTING SYSTEM II TRAINING, IFF 5779-CAM, STUDENT TEXT

This Individual Learning Package is a computer based training course that teaches how to set up a data base, prepare and update reports using A Departmental Reporting System II. The course is designed for a broad range of users, with or without data processing background, including administrative and professional personnel.

A Departmental Reporting System II can be used by

business planners, forecasters, analysts, production controllers, researchers, and other professionals who are involved in analyzing and presenting data. Secretaries, and clerical personnel can use it for preparing such items as mailing lists and labels, telephone directories, and reports requiring calculations, sorting, selecting and merging. Manual, 8 1/2 x 11 inches, 38 pages, 8/81  
 ///5779-CAA/WT-ONLY

GB11-5584

DOS/VSE OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IPF 5779-EAA, NOTICE

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training courses developed to educate data processing professionals are known as "courseware." Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/81  
 ///5779-EAA/WT-ONLY

SB11-5585

DOS/VSE OPERATOR TRAINING, IPF 5779-EAA, STUDENT TEXT

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

The main objective of the course is to introduce an operator with little or no professional experience to the theory and practice of operating a DOS/VSE System.

Manual, 8 1/2 x 11 inches, 226 pages, 8/81  
 ///5779-EAA/WT-ONLY

GB11-5586

OS/VS1 OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IPF 5779-EAB, NOTICE

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training courses developed to educate data processing professionals are known as "courseware." Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/81  
 ///5779-EAB/WT-ONLY

SB11-5587

OS/VS1 OPERATOR TRAINING, IPF 5779-EAB, STUDENT TEXT

This is the Student Text for the IBM DP Education course OS/VS1 Operator Training. It serves as a guide through the course for the student.

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Manual, 8 1/2 x 11 inches, 200 pages, 8/81  
 ///5779-EAB/WT-ONLY

GB11-5588

MVS/JES2 OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IPF 5779-EAC, NOTICE

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training courses developed to educate data processing professionals are known as "courseware." Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as

International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/81  
 ///5779-EAC/WT-ONLY

SB11-5589

MVS/JES2 OPERATOR TRAINING, IPF 5779-EAC, STUDENT TEXT

Computer Based Training uses a self-study student text with exercises to be solved at a terminal. Computer Based Training courses developed to educate data processing professionals are known as "courseware." Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses.

This is the Student Text for the IBM DP Education course MVS/JES2 Operator Training. It serves as a guide through the course for the student.

Manual, 8 1/2 x 11 inches, 200 pages, 8/81  
 ///5779-EAC/WT-ONLY

GB11-5590

IMS/VS MASTER TERMINAL OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IPF 5779-EAD, NOTICE

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training courses developed to educate data processing professionals are known as "courseware." Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/81  
 ///5779-EAD/WT-ONLY

SB11-5591

IMS/VS MASTER TERMINAL OPERATOR TRAINING, IPF 5779-EAD, STUDENT TEXT

This is the Student Text for the IBM DP Education course IMS/VS Master Terminal Operator Training. It serves as a guide through the course for the student.

Computer Based Training uses a self-study student text with exercises to be solved at a terminal.

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Manual, 8 1/2 x 11 inches, 154 pages, 8/81  
 ///5779-EAD/WT-ONLY

GB11-5592

IMS/VS MESSAGE FORMAT SERVICE TRAINING INDIVIDUAL LEARNING PACKAGE, IPF 5779-EAE, NOTICE

Computer Based Training uses a self-study student text with exercises to be solved at a terminal. Computer Based Training courses developed to educate data processing professionals are known as "courseware." Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

Flyer, 8 1/2 x 11 inches, 6 pages 8/81  
 ///5779-EAE/WT-ONLY

SB11-5593

IMS/VS MESSAGE FORMAT SERVICE TRAINING, IFP 5779-EAE, STUDENT TEXT

Computer Based Training uses a self-study student text with exercises to be solved at a terminal. Computer Based Training courses developed to educate data processing professionals are known as "courseware". Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP).

Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.

This is the Student Text for the IBM DP Education course IMS/VS Message Format Service Training. It serves as a guide through the course for the student.  
Manual, 8 1/2 x 11 inches, 254 pages, 8/81  
////5779-EAE/WT-ONLY

GB11-5610

INTEGRATION AND PROCESSING OF DATA AND TEXT FOR END USERS, IFP 5785-DCX, -DDD, -DDG, NOTICE

IPDT allows for the integration of text and data processing on end user workstations. This integration is supported by three main functions:

IPDT is a dialog manager, designed to provide an easy-to-use menu technique which allows for access to text information as well as to data and data processing applications. The interface makes it easy to switch between those three entities and return to normal processing.

All tools provided by this system can be brought into hierarchical menu structures specified by end user or end user groups. To assist the end user in performing his application, individual HELP information may be assigned to each menu or IPDT document. It will guide the inexperienced user through subsequent processing steps or describe action required in the current step.

There are three IPDT International Field Programs designed to operate respectively under IMS/VS, CICS/OS/VS, or CICS/DOS/VS. Each of these International Field Programs can be ordered in English language or in German language.  
Flyer, 8 1/2 x 11 inches, 6 pages, 8/81  
////5785-DCX,5785-DDD,5785-DDG/WT-ONLY

GB11-5617

APPLICATION PROGRAM FOR SUPERMARKETS USING 3680, IFP 5785-DDH, AVAILABILITY NOTICE

This International Field Program is designed specifically for the European supermarket environment. It enables small and medium-sized stores to use the IBM Programmable Store System.

It also permits use of European Article Number source marketing, using EAN wands or the IBM 3687 Model 1 Checkout Scanner.

The application provides key-entry functions (such as price lookup, item movement recording, backup support for postterminals and so on) to improve both cashier productivity and store management.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/81  
////5785-DDH/WT-ONLY

SB11-5618

APPLICATION PROGRAM FOR SUPERMARKETS USING IBM 3680, IFP 5785-DDH, DESCRIPTION/OPERATIONS

This International Field Program is designed specifically for the European supermarket environment. It enables small and medium-sized stores to use the IBM Programmable Store System.

It also permits use of European Article Number source marking, using EAN wands or the IBM 3687 Model 1 Checkout Scanner.

The application provides key-entry functions (such as price lookup, item movement recording, backup support for Postterminals and so on) to improve both cashier productivity and store management.

This manual explains the use of the application with examples of the record formats and output and gives the information necessary for installation.  
Manual, 8 1/2 x 11 inches, 48 pages, 11/81  
////5785-DDH/WT-ONLY

GB11-5619

MULTIPLE SYSTEM EXTENSION FOR COPICS VERSION II BILL OF MATERIAL ONLINE II, BILL OF MATERIAL BATCH UTILITIES II, INVENTORY ACCOUNTING II, ADVANCED FUNCTION/MATERIAL REQUIREMENTS PLANNING II, PRODUCT COST CALCULATION II, IFP 5785-EBZ, NOTICE

Multiple System Extension extends the functional capability of the following five COPICS II products: COPICS Bill of Material Online II, 5785-GBA; COPICS Bill of Material Batch Utilities II, 5785-GBC; COPICS Product Cost Calculation II 5785-GBD; COPICS Inventory Accounting II, 5785-GBE; COPICS Advanced Function/Material Requirements Planning II, 5785-GBF.

With this product, two or more groups of users may independently access sets of data bases without multiple versions of the COPICS II programs.

This may be necessary to provide separate COPICS II data bases for independent manufacturing plants, education, and demonstrations. For security reasons, separation of data and different environment tables and shop calendars may be required.

Multiple System Extension allows an installation to utilize a discrete set of data bases, an environment table, and a shop calendar for each group of users. This is achieved by using only one copy of each COPICS II program and a single CICS/DOS/VS system.

To utilize the batch programs within the extended COPICS II system, minor changes are required, as described in the Multiple System Extension Program Description and Operations Manual.

Flyer, 8 1/2 x 11 inches, 4 pages, 11/81  
////5785-EBZ/WT-ONLY

SB11-5620

MULTIPLE SYSTEM EXTENSION FOR COPICS: BILL OF MATERIAL ONLINE II, BILL OF MATERIAL BATCH UTILITIES II, INVENTORY ACCOUNTING II, ADVANCED FUNCTION/MATERIAL REQUIREMENTS PLANNING II, PRODUCT COST CALCULATION II, IFP 5785-EBZ, DESCRIPTION/OPERATIONS

Multiple System Extension extends the functional capability of the following five COPICS II products: COPICS Bill of Material Online II, 5785-GBA; COPICS Bill of Material Batch Utilities II, 5785-GBC; COPICS Product Cost Calculation II 5785-GBD; COPICS Inventory Accounting II, 5785-GBE; COPICS Advanced Function/Material Requirements Planning II, 5785-GBF.

With this product, two or more groups of users may independently access sets of data bases without multiple versions of the COPICS II programs.

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Multiple System Extension allows an installation to utilize a discrete set of data bases, an environment table, and a shop calendar for each group of users. This is achieved by using only one copy of each COPICS II program and a single CICS/DOS/VS system.

Manual, 8 1/2 x 11 inches, 28 pages, 11/81  
////5785-EBZ/WT-ONLY

GB11-5630

STRUCTURED DESIGN AND DOCUMENTATION FACILITY (SDADF), IFP 5785-FAP, PRIMER

This publication is intended to provide basic information about Version 2 for TSO of the Structured Design and Documentation Facility (SDADF-2 TSO). It gives an introduction to and overview of the product and describes the starter set (the product as distributed) and the formatting results that SDADF will produce when its default options are used. It provides basic information on the classification of data in SDADF, use of the standard data entry forms, the structure of the SDADF libraries and documentation files, and the formatting rules.  
Manual, 8 1/2 x 11 inches, 64 pages, 3/82  
////5785-FAP/WT-ONLY

SB11-5631

STRUCTURED DESIGN AND DOCUMENTATION FACILITY, IFP 5785-FAP (TSO), USER'S GUIDE

This publication provides operational information for Version 2 for TSO of the Structured Design and Documentation Facility (SDADF-2 TSO). It is designed to be used as a reference book by the end user who already has a knowledge of application development methods under TSO/SPF. It contains all the information needed to enter documentation commands into a library that will be processed by the SDADF programs. The guide has been prepared from the SDADF self-documentation on the distribution tape, which includes additional examples of reports and illustrates SDADF formatting. For basic information and an overview of SDADF, refer to the Primer.

Manual, 8 1/2 x 11 inches, 214 pages, 3/82  
////5785-FAP/WT-ONLY

SB11-5632

STRUCTURED DESIGN AND DOCUMENTATION FACILITY (SDADF), IFP 5785-FAP, INSTALLATION GUIDE

This publication is a guide to install and customize Version 2 for TSO of the Structured Design and Documentation Facility (SDADF-2 TSO). It is designed as reference material for a system programmer responsible for installing SDADF-2 under TSO/SPF.

Manual, 8 1/2 x 11 inches, 90 pages, 3/82  
////5785-FAP/WT-ONLY

SB11-5633

STRUCTURED DESIGN AND DOCUMENTATION FACILITY (SDADF), IFP 5785-FAP, LIBRARIAN'S GUIDE

This publication provides operational information for Version 2 for TSO of the Structured Design and Documentation Facility (SDADF-2 TSO). It is designed to be used as a reference book for project librarians, who should be familiar with the TSO/SPF environment.

Manual, 8 1/2 x 11 inches, 142 pages, 3/82  
////5785-FAP/WT-ONLY



GB11-5634

STRUCTURED DESIGN AND DOCUMENTATION FACILITY TSO, IFF 5785-FAP, NOTICE

This publication provides operational information for Version 2 for TSO of the Structured Design and Documentation Facility (SDADF-2 TSO). It is designed to be used as a reference book by the end user who already has a knowledge of application development methods under TSO/SPF. It contains all the information needed to enter documentation commands into a library that will be processed by the SDADF programs. The guide has been prepared from the SDADF self-documentation on the distribution tape, which includes additional examples of reports and illustrates SDADF formatting. For basic information and an overview of SDADF, refer to the Primer.

Flyer, 8 1/2 X 11 inches, 4 pages, 3/82  
 ///5785-FAP/WT-ONLY

GB11-5649

TERMINAL USER TRAINING FOR 3278, 3279, 8775 TEACHWARE, IFF 5779-EAF, NOTICE

Computer Based Training uses online tutorials supplemented by exercises. These run under the control of the licensed program Interactive Instructional Presentation System (5668-012).

Flyer, 8 1/2 x 11 inches, 4 pages, 11/81  
 ///5779-EAF/WT-ONLY

GB11-5659

VSE/VSAM AND ACCESS METHOD SERVICES TRAINING TEACHWARE, IFF 5779-EAG, NOTICE

Computer Based Training uses online tutorials supplemented by exercises. These run under the control of the licensed program Interactive Instructional Presentation System (5668-012).

Flyer, 8 1/2 x 11 inches, 6 pages, 11/81  
 ///5779-EAG/WT-ONLY

GB11-5660

VM/SP OPERATOR TRAINING TEACHWARE, IFF 5779-EAH, NOTICE

Computer Based Training uses online tutorials supplemented by exercises. These run under the control of the licensed program Interactive Instructional Presentation System (5668-012).

Flyer, 8 1/2 x 11 inches, 6 pages, 11/81  
 ///5779-EAH/WT-ONLY

GB11-5661

OS/VS JOB CONTROL LANGUAGE TRAINING TEACHWARE, IFF 5779-EAJ, NOTICE

Computer Based Training uses online tutorials supplemented by exercises. These run under the control of the licensed program Interactive Instructional Presentation System (5668-012).

Flyer, 8 1/2 x 11 inches, 6 pages, 11/81  
 ///5779-EAJ/WT-ONLY

GB11-5662

END-USER PRODUCTS FOR THE INFORMATION CENTER TEACHWARE, IFF 5779-EAK, NOTICE

Computer Based Training uses online tutorials supplemented by exercises. These run under the control of the licensed program Interactive Instructional Presentation System (5668-012).

Flyer, 8 1/2 x 11 inches, 4 pages, 11/81  
 ///5779-EAK/WT-ONLY

GB11-5668

APPLICATION PROTOTYPE ENVIRONMENT INTERACTIVE APPLICATION DESIGNED, IFF 5785-RAB

Application Prototype Environment provides a set of building blocks and design tools for the interactive development of applications.

Application Prototype Environment can be used in two ways. First prototypes of commercial applications can be built by system designers to experiment with a proposed system prior to the traditional implementation. Future users of the proposed system can validate the prototype.

Application Prototype Environment can also be used directly by end users to build interactive applications with VS APL as the base.

A prototype is used in the development process because: the user is involved and can immediately verify the design and functions; an application can rapidly be put into production while users are waiting for traditional implementation to take place; the prototype can be used for immediate education of future users; and system specifications are defined interactively to supplement conventional paperwork.

A set of functions, allow users to design data movement in an application. The functions extend VS APL with flexible screen and file handling capabilities to describe the communication of data between the application and various media.

Flyer, 8 1/2 x 11 inches, 6 pages, 12/81  
 ///5785-RAB/WT-ONLY

SB11-5669

APPLICATION PROTOTYPE ENVIRONMENT, IFF 5785-RAB, DESCRIPTION/OPERATIONS

Application Prototype Environment provides a set of building blocks and design tools for the interactive development of applications. The product provides the facilities to build prototypes of commercial DP applications. It can also be used directly by end users to build applications with VS APL as the base.

This manual describes how to install and operate Application Prototype Environment. It provides an introduction to how prototypes can be used in the process of developing DP applications. Also included are a number of samples on how to use the tools in designing display screen layout, graphical data presentations, and file formats.

Manual, 8 1/2 x 11 inches, 180 pages, 1/82  
 ///5785-RAB

GB11-5677

ONLINE EDITORIAL SYSTEM-II, IFF 5785-GBP, NOTICE

This document describes the program product and provides information on price, ordering, installation and service. The Online Editorial System, -II (OLES-II) International Field Program provides facilities for the online entry, editing, and correction of editorial text and composition commands.

Flyer, 8 1/2 x 11 inches, 6 pages, 8/82  
 ///5785-GBP/WT-ONLY

GB11-5685

CIRCUIT BOARD DESIGN SYSTEM, IUP 5796-BBL, -BBN, -BBP, NOTICE

The Circuit Board Design System is an interactive graphic Computer-Aided Design (CAD) tool designed to speed the design and manufacture of printed circuit board (PCB). The IBM 3277 Display station is used as the system workstation to capture a logic design, simulate digital logic for verification and test generation, perform printed circuit board layout, create data for manufacturing, and save the completed design for changes or reference.

Flyer, 8 1/2 x 11 inches, 8 pages, 2/82  
 ///5796-BBL, 5796-BBP, 5796-BBN/WT-ONLY

GB11-5688

COMPUTER-GRAPHICS AIDED THREE-DIMENSIONAL INTERACTIVE APPLICATION, LIC PROG 5796-PQG, -PQH, -PQJ, -PQL, NOTICE

The Computer-Graphics Aided Three-Dimensional Interactive Applications System (CATIA\*) is a highly interactive, high function 3D geometry system for computer-aided design and manufacturing. Developed by Dassault Systemes, Paris France, the CATIA system is the result of more than ten years of Computer Aided Design/Computer Aided Manufacturing (CAD/CAM) development in the areas of complex shape definition and numerical control (NC) machining.

The CATIA system uses the IBM 3250 Graphics Display as its high function interactive workstation. All the 3250 hardware features are fully supported (for example, multiple intensity levels, line types, and blinking) thus providing superior human factors. CATIA design data can be passed through a special interface to the Computer Augmented Design and Manufacturing (CADAM\*\*) System. The integration of these two major systems encompasses the entire design process from conceptual design to final engineering drawing. This natural transition makes it possible for the designer to use the most productive tool at each phase of development.

\* Trademark of Dassault Systemes

\*\* Trademark of the Lockheed Corporation

Flyer, 8 1/2 X 11 inches, 6 pages, 4/82  
 ///5796-PQG, 5796-PQH, 5796-PQJ, 5796-PQL/WT-ONLY

GB11-5688

ACCOUNTING TABLES, IFF 5785-LAL, NOTICE

This International Field Program is designed to allow accounting departments in a firm to provide financial information for other departments and management, without being dependent on their DP department. Financial information can be provided in a short report form, on one or two pages. The program can generate reports comparing actual accounting data with budget data or historical data. Computations can be performed, such as percentages and totals. Accounting Tables consists of a set of programs to help an accounting department define and print reports using financial data stored in an IBM Interactive Financial system data base. (The Interactive Financial System is a set of IBM application Program Products.)

Flyer, 8 1/2 X 11 inches, 4 pages, 3/82  
 ///5785-LAL/WT-ONLY

SB11-5689

ACCOUNTING TABLES, IFF 5785-LAL, DESCRIPTION/OPERATIONS

This International Field Program is designed to allow accounting departments in a firm to provide financial information for other departments and management, without being dependent on their DP department. Financial information can be provided in a short report form, on one or two pages. The program can generate reports comparing actual accounting data with budget data or historical data. Computations can be performed, such as percentages and totals. Accounting Tables consists of a set of programs to help an accounting department define and print reports using financial data stored in an IBM Interactive Financial system

data base. (The Interactive Financial System is a set of IBM application Program Products.)  
Manual, 8 1/2 x 11 inches, 48 pages, 3/82  
///5785-LAL/WT-ONLY

GB11-5693

USER TRAINING FOR VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5779-EAL, NOTICE  
Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.  
Flyer, 8 1/2 x 11 inches, 4 pages, 5/82  
///5779-EAL/WT-ONLY

GB11-5694

USER TRAINING FOR THE CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5779-EAN, NOTICE  
Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.  
Flyer, 8 1/2 x 11 inches, 6 pages, 5/82  
///5779-EAN/WT-ONLY

GB11-5695

DOCUMENT COMPOSITION FACILITY TRAINING, IFP 5779-EAP, NOTICE  
Computer Based Training uses online tutorials supplemented by exercises. These run under the control of the licensed program Interactive Instructional Presentation System (5668-012).  
Computer Based Training courses developed to educate data processing professionals are known as "courseware," Computer Based Training courses written, used and maintained by IBM DP Education and available to customers as International Field Programs are known as Individual Learning Packages (ILP). Computer Based Training makes education more intensive and more individualized than conventional teaching methods. It is more intensive because the learner takes an active part in solving problems at the terminal. A dialog takes place between the student and the course. The course gives guidance to the student and may provide a route through the exercises depending upon individual responses. This is why every exercise is tailored individually to the student's needs.  
Flyer, 8 1/2 x 11 inches, 4 pages, 5/82  
///5779-EAP/WT-ONLY

GB11-5696

APL DATA INTERFACE-II VSPC, IFP 5785-AAQ, NOTICE  
APL Data Interface-II (APLD-II/VSPC) is a general purpose interactive facility designed to provide a powerful, responsive inquiry facility to the end user. It also includes a variety of reporting capabilities which provide comprehensive data analysis. The program is intended for business planners, forecasters, analysts, production controllers, researchers, auditors, and other professionals who are involved in manipulating large amounts of data.  
Flyer, 8 1/2 x 11 inches, 6 pages, 6/82  
///5785-AAQ/WT-ONLY

SB11-5708

VIDEOTEX EDITOR AND COMMUNICATION SYSTEM, IFP 5785-DEA, -DEB, -DEC, DESCRIPTION/OPERATIONS  
This publication provides the user with sufficient information to understand, install and successfully use the program. This manual describes the following International Field Programs: Videotex Control Program (5785-DEA), Videotex Communication Monitor (5785-DEB), and Videotex Editor Facility (5785-DEC).  
Manual, 8 1/2 x 11 inches, 150 pages, 7/82  
///5785-DEA,5785-DEB,5785-DEC/WT-ONLY

GB11-5711

PURE INTEGER PROGRAMMING/EXECUTOR, IFP 5785-GBX, NOTICE  
This document describes the program product and provides information on price, ordering, installation, and service.  
Pure Integer Programming/Executor (PIPEX) is an extension of the IBM Program Product Mathematical Programming System Extended/370 (MPSX/370) and its feature Mixed Integer Programming/370 (MIP/370). PIPEX permits the solution of large-scale 0-1 linear programming (LP) problems by exact methods in economically feasible solution times.  
Manual, 8 1/2 x 11 inches, 4 pages, 8/82  
///5785-GBX/WT-ONLY

SB11-5712

PURE INTEGER PROGRAMMING/EXECUTOR, IFP 5785-GBX, DESCRIPTION/OPERATIONS  
This publication provides the user with sufficient information to understand, install and successfully use the program.  
This manual is intended as a basic reference for PIPEX users. The reader should be familiar with modeling pure 0-1 integer programming problems. Since MPSX/370 and MIP/370 are prerequisites to using PIPEX, the reader should also be familiar with IBM Mathematical Programming System Extended/370 (MPSX/370): Control Languages, SH19-1094; Program Reference Manual, SH19-1095; and Mixed Integer Programming/370 (MIP/370), SH19-1099 in order to understand the material in this publication fully.  
Manual, 8 1/2 x 11 inches, 88 pages, 8/82  
///5785-GBX/WT-ONLY

GB11-5713

VIDEOTEX EDITOR AND COMMUNICATION SYSTEM, IFP 5785-DEA, -DEB, -DEC, NOTICE  
This document describes the program product and provides information on price ordering, installation, and service. This availability notice describes the following International Field Programs: Videotex Control Program (5785-DEA), Videotex Communication Monitor (5785-DEB), and Videotex Editor Facility (5785-DEC).  
Flyer, 8 1/2 x 11 inches, 4 pages, 7/82  
///5785-DEA,5785-DEB,5785-DEC/WT-ONLY

GB20-0058

A DEPARTMENTAL REPORTING SYSTEM II: QUICK REFERENCE CARD  
This ready reference provides the commands, report definition terminology, subcommands, print options, calculation statements and other information for ADRS-II. definition terminology, subcommands, print options, calculation statements and other information for ADRS-II.  
Booklet, 3 3/4 x 8 1/2 inches, 16 pages, 9/79  
///5796-PLN

GB21-0399

APL COORDINATE GEOMETRY SYSTEM, FDP 5798-AGF, NOTICE  
This 4 page document describes the purpose and highlights the APL Coordinate Geometry System.  
It includes information about the following:  
o Highlights  
o System Description  
o System Consideration  
o Modifications  
o Seminars/Workshops  
o Programming Services Period  
o Ordering Information  
Flyer, 4 pages  
///5798-AGF

SB21-0400

APL COORDINATE GEOMETRY SYSTEM, FDP 5798-AGF, DESCRIPTION/OPERATIONS  
This document describes the capabilities of the FDP and the programs of the APL Coordinate Geometry system. Written in APL for the System/370, this system provides COGO (Coordinate Geometry) capability at an APL terminal. Data may be printed or plotted at the typewriter terminal, or saved for later work. Including spirals, circular arcs, intersections, traverses, areas and subdivisions, and parabolas in the vertical plane, the system can be applied to land and right-of-way surveying highway and interchange design, bridge geometry, construction layout, subdivision work, railroad improvement and many other problems. Typical users are civil engineers and surveyors. No knowledge of APL is needed. Because APL is used, response and reliability are excellent. Other APL applications can be installed without additional core allocation. APL/360 is required with a workspace size of at least 40K. No additional hardware is required.  
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 65 pages  
///5798-AGF

LB21-0401

APL COORDINATE GEOMETRY SYSTEM: FDP 5798-AGF SYSTEMS GUIDE FEATURE NO. 8127  
This document describes the steps necessary to modify the APL Coordinate Geometry System written in APL for the System/370. This program provides COGO (Coordinate Geometry) capability at an APL terminal. Data may be printed or plotted at the typewriter terminal, or saved for later work. Including spirals, circular arcs, intersections, traverses, areas and subdivisions, and parabolas in the vertical plane, the system can be applied to land and right-of-way surveying, highway and interchange design, bridge geometry, construction layout, subdivision work, railroad improvement and many other problems. Typical users are civil engineers and surveyors. No knowledge of APL is needed. Because APL is used, response and reliability are excellent. Other APL applications can be installed without additional core allocation. APL/360 is required with a workspace size of at least 40K. No additional hardware is required.  
This systems guide provides the Systems Analyst with the



Pages 117-210  
Missing From  
Original  
Document

It describes the program features, usage, maximum problem size, precision, timing, system requirements, and customer responsibilities. Examples are included to illustrate the use of the program.  
Manual, 21 pages  
///5703-XM2,5734-XM8

GH20-1129

EPIC SOCRATES STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS - GENERAL INFORMATION PROGRAM NUMBER 5735-E91  
The EPIC SOCRATES program product represents a comprehensive systems approach to the student scheduling tasks of educational institutions. The package consists of a series of interrelated programs which provide for the allocation of educational resources required for the generation of the master schedule of classes, assignment of students to the master schedule classes, and the update of these records with changes required to the assigned classes. The features provided by the program cover the needs of a variety of educators, from those employing traditional scheduling patterns to those who have gone to highly flexible, modular schedules.  
Manual, 44 pages  
///5735-E91

GH20-1130

EPIC STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS GENERAL INFORMATION MANUAL, PROG. NO. 5735-E94  
The EPIC Student program product establishes a student records data base. This package consists of a series of interrelated programs which provides a systematic procedure for the collection and reporting of student academic and attendance information. This manual describes the functions available and options for selecting the services desired.  
Manual, 32 pages  
///5735-E94

GH20-1131

EPIC FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS - PROGRAM PRODUCT GENERAL INFORMATION PROGRAM NUMBER 5735-E92  
The EPIC FAST program product represents a comprehensive approach to scoring and analyzing standardized tests. The product consists of a series of interrelated programs that provide for the establishment of user-defined testing packages cataloged on disk. These include scoring keys, conversion tables, and specifications required to produce a series of test result reports. This manual provides the potential user an overview of the purpose, features, concepts, and philosophies of EPIC FAST. It addresses those areas of education related to test administration, scoring, and reporting.  
Manual, 24 pages  
///5735-E92

GH20-1132

EPIC BUDGET/FINANCE FINANCIAL ACCOUNTING SYSTEM FOR EDUCATIONAL INSTITUTIONS - PROGRAM PRODUCT GENERAL INFORMATION - PROGRAM NUMBER 5735-E93  
The EPIC Budget/Finance program product is a system providing budgetary, financial, and encumbrance accounting capabilities for educational institutions. The system is designed to accommodate users of United States Office of Education publications in the area of schools accounting. In particular, it is designed to facilitate implementation of concepts such as the planning, programming, budgeting system (PPBS) by the user. Most educational institutions can utilize these programs due to the flexibility of account capabilities provided.  
Manual, 32 pages  
///5735-E93

GH20-1148

PROPERTY AND LIABILITY INFORMATION SYSTEM ENHANCEMENTS PLANNING MANUAL - PROGRAM NUMBERS 5736-N24 AND 5736-N25  
This manual provides a planning guide for the PALLS Automobile and Homeowners Enhancements program products. It contains a narrative description of each of the enhancements functions for both Automobile and Homeowners. A description of the policy master file conversion program is also included to offer a method of converting existing user files to the format required by the enhancements. COBOL data divisions are included in the appendices for all formats that are now or have been changed.  
Manual, 68 pages  
///5736-N24,5736-N25

GH20-1149

PURCHASING GENERAL INFORMATION MANUAL - PROGRAM NUMBERS 5736-XX5 (DOS), 5734-XXA (OS)  
The IBM Purchasing program product is designed to automate many of the clerical aspects of the purchasing department's function through the use of a data base which facilitates purchase order creation, maintenance, follow-up and review. To accomplish this objective, the IBM Purchasing program product performs the following functions:

- o Determines economic purchase order quantities
- o Includes ordering policies which evaluate vendor price break information (quantity discounts)
- o Processes both controlled and uncontrolled goods

- o Processes blanket orders and blanket order releases
- o Provides for the creation of requisitions, purchase orders, and purchase order alterations
- o Creates and maintains an open purchase order data base
- o Notifies buyer when new quotes for an item are required
- o Minimizes duplicate data and facilitates data retrieval by means of the data base organization.

The IBM Purchasing program product is designed to bring current information about the status of purchased goods to the attention of management while there is still time for decisions to be made and acted upon.

This manual describes the IBM Purchasing program product and provides information to enable the reader to determine its applicability and to begin planning for the program product. The audience includes executives, system analysts, and programmers.  
Program Product Manual, 120 pages  
///5736-XX5,5734-XXA

SH20-1157

MATH/BASIC FOR ITF & VM/370-CMS, LIC PROG 5734-XM8, OPERATIONS GUIDE  
This manual provides the information needed to install, run, and maintain MATH/BASIC on System/370. It is assumed that the user has an installed ITF or VM/370-CMS System.  
Manual, 25 pages  
///5734-XM8

SH20-1158

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF AND VM/370-CMS PROGRAM REFERENCE MANUAL, PROG. NOS. 5703-XM2 (S/3) AND 5734-XM8 (ITF-OS/DOS/TSO AND VM/370-CMS)  
MATH/BASIC is a library of 44 conversational routines covering the most frequent mathematical problems in engineering and science. This manual contains sufficient information needed to understand and use MATH/BASIC.  
Manual, 244 pages  
///5703-XM2,5734-XM8

SH20-1159

REGISTERED REPRESENTATIVE SYSTEM PROGRAMMING OVERVIEW PROGRAM NUMBER 5734-F34  
The IBM Registered Representative System program product provides the brokerage industry System/370 user with online communication to the IBM 3670 Brokerage Communication System to perform his major tasks of following the NYSE and ASE tickers, receiving current displays of security quotations and the leading market indicators, and monitoring on a continuing basis all movements of an individually selected list of securities. The Registered Representative System supports rapid inquiry and response into a securities opinion data base and a customer account data base providing the current research opinions, customer holdings, and customer balances. In addition, it allows the entry of orders, inquiry into the status of an order, and distribution of order execution reports directly to the registered representative using the IBM 3670 terminal.  
The Registered Representative System operates with the following IBM programs under the full Operating System in a multiprogramming environment:  
Telecommunications Control System (TCS)  
Telecommunications Access Method (TCAM)  
Customer Information Control System (CICS)  
Inquiries and orders entered by the registered representative on his 3672 Executive Console are transmitted over the firm's teleprocessing network to its central computer from the 3671 Shared Terminal Control Unit. Inquiry responses and order verifications are returned to his 3673 Data Display while hard copy printouts of inquiries, execution reports, and administrative messages are routed to the 3674 Printer-Keyboard servicing his terminal.  
Manual, 14 pages  
///5734-F34

GH20-1160

REGISTERED REPRESENTATIVE SYSTEM GENERAL INFORMATION MANUAL PROGRAM NUMBER 5734-F34  
This manual describes the IBM Registered Representative System program product which provides the brokerage industry System/370 user with online communication to the IBM 3670 Brokerage Communication System. The program allows the registered representative (RR) to rely on the IBM 3670 terminal to perform his major tasks of following the NYSE and ASE tickers, receiving current displays of security quotations and the leading market indicators, and monitoring on a continuing basis movements of an individually selected list of securities. The Registered Representative System support rapid inquiry and response into a Securities Opinion Data Base and a Customer Account Data Base providing the current research opinions, customer holdings, and customer balances. In addition, it allows the entry of orders, inquiry into the status of an order, and distribution of order execution reports directly to the registered representative using the IBM 3670 terminal.  
Manual, 64 pages  
///5734-F34

GH20-1170

INTERACTIVE TRAINING SYSTEM - GENERAL INFORMATION MANUAL  
PROGRAM NUMBER 5734-XXC  
The IBM Interactive Training System provides a real-time training environment utilizing available IBM Data Base/Data Communications Systems.  
For users of the IBM Information Management System/360 V2 and the Customer Information Control System OS-STANDARD V2, the IBM Interactive Training System supports the IBM Coursewriter III language and a unique Course Structuring feature. Computer assisted instruction can now be available for individualized instruction in the operational environment of a terminal-oriented, data base system.  
This manual includes descriptions of the Interactive Training System facilities, the Course Structuring feature, and the Coursewriter III language for implementation planning purposes.  
Manual, 102 pages  
////5734-XXC

GH20-1175

BUSINESS ANALYSIS/BASIC, LIC PROG 5703-XM3, 5734-XMB  
GENERAL INFORMATION  
Business Analysis/BASIC is a comprehensive set of interactive routines for use on System/3 Model 6, System/360 or System/370 with ITP (DOS, OS, or TSO) or VM/370-CMS. It consists of 30 routines written in the BASIC language, providing the problem-solving professional with procedures for data generation and maintenance, spread sheet analysis, investment analysis, break-even or cost-volume profit analysis, depreciation analysis, and time series analysis. The program is designed so that a detailed knowledge of programming is not required. Interactive features include instructional messages, flexible control of calculation, extensive error checking and data editing.  
This manual provides an overview of Business Analysis/BASIC, describing the program features, data file concepts, usage, maximum problem sizes, precision, timing, system requirements, and customer responsibilities. It also includes an "Application Handbook" consisting of a number of case studies illustrating use of the routines.  
Manual, 60 pages  
////5703-XM3,5734-XMB

GH20-1179

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM & DATA COMMUNICATIONS: GENERAL INFORMATION MANUAL, PROG. NO. 5746-H14 (DOS/VS)  
The IBM Health Care Support/Accounting System and the IBM Health Care Support/Data Communications Program provide extensive accounting services to groups of hospitals sharing central System/370 computer facilities. By means of a flexible system of programs and options, each participating hospital retains its own individuality in terms of access to records as well as types and formats of files set up and reports generated.  
The Accounting System consists of the Accounting Base Programs (5746-H14) and an Accounting Application feature (6001, 6002, or 6003).  
The Accounting System records and processes data related to inpatient and outpatient billing, accounts receivable, and general ledger, and is designed to facilitate automatic preparation of Medicare and other insurance billing forms. Communication with the central facility is effected through teleprocessing terminals located at each hospital in the group. Teleprocessing is handled by the Data Communications Program and the Customer Information Control System (CICS).  
This publication is designed to give the reader an overall knowledge of the system without reference to program detail.  
Manual, 108 pages  
////5746-H14

GH20-1188

ALPHA SEARCH INQUIRY SYSTEM, GENERAL INFORMATION MANUAL (PROGRAM NUMBER 5736-N14)  
The Alpha Search Inquiry System is a set of five programs that create, maintain, reorganize and display a file containing customer names and all associated record numbers. Depending on the user's applications, these record numbers are account numbers, claim numbers, contract numbers, part numbers, etc. Thus a single alpha search record can point to multiple records on other files.  
A phonetic encoding technique is used to reduce the problems of sound-alike and misspelled names associated with record retrieval. The Alpha Search Inquiry System also provides the ability to reduce the number of retrievals on common names through the use of secondary identifiers and a degree of likeness concept.  
The inquiry program runs as an application program under CICS/DOS-ENTRY (5736-XX6), CICS/DCS-STANDARD (5736-XX7), or CICS/CS-STANDARD Version 2 (5734-XX7), and is capable of being multitasked along with other CICS applications. The other programs constituting this system run under the control of DOS or OS.  
This manual includes a general description of the capabilities of the Alpha Search Inquiry System and introduces information that can be included in the record. Customer, programming system, and minimum machine requirements are also included.  
Manual, 50 pages  
////5736-N14

GH20-1190

HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM: GENERAL INFORMATION MANUAL, PROG. NO. 5746-H12 (DOS/VS)  
The Health Care Support/Laboratory Information System provides data processing support for hospital clinical laboratories. Operating under the Health Care Support/Accounting System programs, the program process batched input of laboratory requisitions and test results, producing laboratory reports for use throughout the hospital.  
This publication describes the features of the Health Care Support/Laboratory Information System and is designed to give the reader an overall knowledge of the system without reference to program detail.  
Manual, 32 pages  
////5746-H12

GH20-1207

TELECOMMUNICATIONS CONTROL SYSTEM (TCS) CONCEPTS AND FACILITIES MANUAL - PROGRAM PRODUCT 5734-F31  
This manual describes the IBM Telecommunications Control System (TCS) Program Product which is a station-and-message control program with easy-to-use complex communication services and with access to a wide variety of standard online application programming services.  
TCS runs under OS on a System/360 or 370, and uses, modifies, and enhances TCAM while contributing some line controls, a message handling language, reliability features, operator control and retrieval programs, and other functions. This manual covers all major functions under which TCS/TCAM support line speeds up to 50,000 bits per second and various line controls including full-duplex, half-duplex, and freewheeling. Stations supported include: keyboard printers, video display stations, audio units, concentrators, and other CPU's. TCS/TCAM handles messages for switching data collection, remote printing, inquiry, conversational file updating, time sharing, executive query, and so on.  
Concurrently, they can handle different types of terminals, applications, and message types. Each entity can be assigned different options for buffering, line control, queuing (main storage or disk), message handling, and restart. Message handling, consisting of routing and optional header analysis, is specified by the user via a high-level language.  
TCS/TCAM can simultaneously handle messages for application programs running under other control programs (CICS, TSO GIS), and those directly using OS. Any station can access any application. TCS can reside in multiple CPU's connected by leased lines. Any station connected to any CPU can both switch messages to the stations and access the applications of another CPU, all operations being subject to user-designated controls.  
References to CICS in this manual are valid after December 1972.  
Manual, 320 pages  
////5734-F31

SH20-1208

TELECOMMUNICATIONS CONTROL SYSTEM (TCS), LIC PROG 5734-F31, PROGRAMMER'S GUIDE/REFERENCE  
This manual tells the user who to construct and modify a TCS message control program and TCS-compatible application programs. It explains the TCS-provided sample MCP, the differences between TCS and TCAM, and any TCAM functional restrictions caused by TCS modifications. The TCS retrieval and operator control facilities and the edit application program are fully explained and illustrated. The manual should be used in parallel with the OS/MFT and OS/MVT TCAM Programmer's Guide (GC30-2024). References in this manual to the Customer Information Control System (CICS) are valid after December 1972.  
Manual, 320 pages  
////5734-F31

SH20-1209

TELECOMMUNICATIONS CONTROL SYSTEM, LIC PROG 5734-F31, OPERATIONS GUIDE  
This Operations Guide provides TCS installation and operations information. The installation information includes general information about installing teleprocessing systems and specific considerations for installing the Telecommunications Control System. The operations portion of the manual covers both systems generation and day-to-day operation.  
Among the subjects covered in the discussion of day-to-day operations are the creation of a securities symbol table, the execution of the TCS message control program, and restart capabilities. Operator control commands and command responses, including those for the order edit application program, are also provided. Finally, there is a section describing main storage requirements.  
Manual, 152 pages  
////5734-F31

SH20-1213

INTERACTIVE TRAINING SYSTEM COURSE AUTHORING GUIDE - PROGRAM NUMBER 5734-XXC  
This publication is intended for those who will develop, create, and maintain course materials in the IBM Interactive Training System environment. It includes descriptions of the course development process, preparation of the materials prior to entry, and the realtime commands and statement

formats for terminal entry.  
Manual, 156 pages  
///5734-XXC

SH20-1214

INTERACTIVE TRAINING SYSTEM OPERATIONS GUIDE - PROGRAM NUMBER 5734-XXC

This publication includes the information needed to define the parameters required for a training system generation, the execution of the generation, and the execution of the generated training system. It is intended for the use of systems analysts, system programmers, and operating personnel responsible for the above procedures.  
Manual, 64 pages  
///5734-XXC

SH20-1215

INTERACTIVE TRAINING SYSTEM TERMINAL USER'S GUIDE - PROGRAM NUMBER 5734-XXC

This publication includes a description of terminal operations for those who wish to gain access to the Interactive Training System. It includes the sign-on, and monitor. It goes into detail on the student and commands that are available.  
Manual, 28 pages  
///5734-XXC

SH20-1216

INTERACTIVE TRAINING SYSTEM PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5734-XXC

This publication provides systems analysts and programmers with the information necessary to understand the operations of the training system. It includes descriptions of the control blocks, data sets, and other aspects of the system in order that knowledgeable decisions be made for generation purposes. Also included is a description of the internal interface for user-written support functions.  
Manual, 98 pages  
///5734-XXC

SH20-1217

INTERACTIVE TRAINING SYSTEM SUPERVISOR'S GUIDE - PROGRAM NUMBER 5734-XXC

This publication contains descriptions of the commands available to the Interactive Training System Supervisor. This information allows the supervisor to execute realtime commands for control and visibility of the training system environment.  
Manual, 51 pages  
///5734-XXC

SH20-1224

SECURITIES ORDER MATCHING PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-F32

This manual contains detailed information on the functions and use of Securities Order Matching (SOM). It describes SCM system concepts, inputs, outputs, and processing methods from the point of view of the user, and contains information to assist the user in preparing for and installing the program.

Securities Order Matching operates in a multiprogramming environment under the Telecommunications Control System (TCS) and the full Operating System (OS). It provides brokerage industry users with online, automatic recording and matching of security orders and executions. Using one or more 2260 Display Stations, exceptions clerks are provided a means for rapid communications with the SOM offline processing generates to resolve problems. After market close, offline processing generates wire and order room reports, produces input to Purchase and Sales wire and order room reports, produces input to Purchase and Sales (P&S), and provides input to optional user-written programs and reports.  
Manual, 283 pages  
///5734-F32

SH20-1225

SECURITIES ORDER MATCHING OPERATIONS GUIDE - PROGRAM NUMBER 5734-F32

This manual contains procedures for preparing and operating The Securities Order Matching (SOM) program product. It includes system preparation and generation, and discusses possible user modifications, data preparation, and file initialization. It gives procedures for both online and offline operation.

The manual does not contain operating procedures for the SOM exceptions terminals; for these, refer to the Scope Operations Guide, SH20-1226.  
Manual, 137 pages  
///5734-F32

SH20-1226

SECURITIES ORDER MATCHING SCOPE OPERATIONS GUIDE - PROGRAM NUMBER 5734-F32

This manual contains procedures for operating the Securities Order Matching (SOM) scope terminals (IBM 2260 Display Stations) in order to resolve matching exceptions and to aid in maintaining accurate, current SOM files during daily operation. Each terminal provides for human intervention during daily normal operation. This facility is used when

the system cannot internally match a cancel or execution to an open order or when it makes a bid implicit match. The terminal operator (exceptions clerk) at the 2260 Display Station (scope) resolves these exceptions through access to the SOM files. In addition, the terminals provide a visual link between the SOM files and the order room, exchange floors, and branch offices.

This manual presents a brief description of the 2260 Display station and describes procedures for signon, process selection, information retrieval (IR), data input (DI), and exceptions processing (XP) from the terminal. Typical displays from each of these activities, as well as system status displays, are illustrated and explained.  
Manual, 76 pages  
///5734-F32

SH20-1227

CHECK PROCESSING CONTROL SYSTEM (CPCS) PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5734-F11

The IBM Check Processing Control System (CPCS) is designed to perform the processing functions associated with entry, distribution, and control of Magnetic Ink Character Recognition documents in commercial or Federal Reserve banks. Advanced check processing techniques are used to provide a system accommodating a wide range of check handling requirements. Control of data is maintained from original entry of items through preparation of cash letters and kill lists. A powerful data base facility permits user extension into related application areas such as proof of deposit and float analysis.

This publication provides general information on CPCS, enabling the user to understand the function of all the program modules as a guide for preparing to install CPCS. Each program module is described as to the processing it performs and the input and output data. Console and printer messages and report formats, where appropriate, are listed.

More detailed information on the program and its operation may be obtained by reading the IBM Check Processing Control System (CPCS) Operations Guide, (SH20-1228) and Terminal Operations Guide (SH20-1229).  
Manual  
///5734-F11

SH20-1228

CHECK PROCESSING CONTROL SYSTEM (CPCS), LIC PROG 5734-F11 OPERATIONS GUIDE (CURRENT RELEASE)

The operations guide contains an overview of the Check Processing Control System (CPCS). It also contains guidelines for a user SYSGEN and instructions on console operations. A sample problem is included.  
Manual  
///5734-F11

SH20-1229

CHECK PROCESSING CONTROL SYSTEM (CPCS), LIC PROG 5734-F11 TERMINAL OPERATIONS GUIDE (CURRENT RELEASE)

The CPCS Terminal Operations Guide is intended to be used as a guide by those installing CPCS.

This publication describes the messages and responses which are used by CPCS and contains the information necessary to use a CPCS terminal.  
Manual  
///5734-F11

GH20-1233

SYSTEM/370 APT-BP NUMERICAL CONTROL PROCESSOR GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5740-M51

System/370 Automatically Programmed Tool-Basic Positioning (APT-BP) is a Program Product which features a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides an introduction to the APT-BP language. Included are language structure and elements, special features, system configuration, and appendix which details technical information of the DAPP feature of the Program Product.  
Manual  
///5740-M51

GH20-1234

SYSTEM/370 APT-IC AND APT-AC NUMERICAL CONTROL PROCESSORS, LIC PROG 5740-M52, -M53, GENERAL INFORMATION

System/370 Automatically Programmed Tool, Intermediate Contouring (APT-IC) and System/370 Automatically Programmed Tool, Advanced Contouring (APT-AC) are Program Products which feature a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides an introduction to their N/C language. Included are language structure and elements, special features, system configuration, and appendices which detail technical information for the significant features of the program products.  
Manual, 160 pages  
///5740-M52, 5740-M53

SH20-1238

AUTOMATED PROJECT PLANNING AND EVALUATION SYSTEM, IUP 5796-AZR, DESCRIPTION/OPERATIONS

The Automated Project Planning and Evaluation System is designed to automate the scheduling and tracking procedures described in IBM's Independent Study Program: Managing the

Application Development Process. This system was developed by IBM DP Services and is in use for managing their application development projects.

This manual contains program descriptions, file specifications, reports, installation procedures and a sample problem.

Manual  
 ///5796-AZR

SH20-1242

EPIC: SOCRATES (STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS) USER'S GUIDE - PROGRAM NUMBER 5735-E91

EPIC: Socrates offers a comprehensive approach to the student scheduling tasks of educational institutions. This package of interrelated programs provides for the allocation of educational resources to produce a master schedule of classes. The assignment of students to the Master Schedule, and the updating of scheduling records with changes required to the assigned sections. The features provided by the program product cover the needs of a variety of educators, from the employing traditional scheduling patterns to those who have gone to highly flexible, modular schedules.  
 Manual, 208 pages  
 ///5735-E91

SH20-1245

EPIC: SOCRATES STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS; OPERATIONS GUIDE, PROG. PROD. 5735-E91

The EPIC: SOCRATES program product employs a comprehensive systems approach to the student scheduling task of educational institutions. A package of interrelated programs provides for the assignment of students to the master schedule of classes, and the updating of scheduling records with changes required to the assigned classes. The features provided by the program cover the needs of a variety of educators, from those employing traditional scheduling patterns to those who have gone to highly flexible, modular schedules.  
 Manual, 144 pages  
 ///5735-E91

GH20-1249

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS GENERAL INFORMATION MANUAL - PROGRAM NUMBERS 5734-H11 AND 5736-H15

The IBM Health Care Support/Electrocardiogram (ECG) Analysis Program provides batch processing for the computerized analysis of adult electrocardiograms, along with rapid and consistent interpretation of ECG's requiring only a review by the cardiologist. Since computer-aided reading takes less time than normal unaided interpretation, the program serves to relieve the steadily increasing burden on cardiologists.

This publication describes the features of the program and contains a general discussion of the application area of electrocardiography. It is designed to give the reader an overall knowledge of the program and application area without reference to detail.  
 Manual, 36 pages  
 ///5736-H15,5734-H11

SH20-1252

EPIC: BUDGET/FINANCE OPERATIONS GUIDE, PROG. NO. 5735-E93

The EPIC: Budget/Finance program product employs a comprehensive systems approach to the budgetary and financial control tasks of educational institutions. The package consists of a series of interrelated programs which provide for establishment of and changes to budgetary account controls, and also provides for detailed control of the daily accounting transactions that impact budgeted funds. All areas of the institution's financial structure, such as purchasing, cafeteria, and payroll, may feed transaction data into the system. The features provided by the program cover a variety of accounting needs, among which are line items, historical recap, budgetary projection and flexible reporting.  
 Manual, 100 pages  
 ///5735-E93

SH20-1253

EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, USER'S GUIDE

The EPIC: Budget/Finance Account system is based on traditional accounting theory and the Planning Programming. Paging System (PPBS). It processes accounting and budgetary transactions affecting the status of master account records on magnetic disk. Computer printed reports trace the effects of transactions during the fiscal year, and periodically show the status of the master accounts. The user has many options at his disposal. These include the ability to define an account code structure of up to 12 levels tailored to his particular needs. Reports may be printed in up to five individually defined control sequences in addition to the standard sequence.  
 Manual, 220 pages  
 ///5735-E93

SH20-1264

BUSINESS ANALYSIS/BASIC, LIC PROG 5703-XM3 (S/3 MOD 6), 5734-XMB (ITF-OS/DOS/TSO & VM/370-CMS), REFERENCE

This marketing support manual describes the CALL-OS business

Analysis/BASIC program.

Manual  
 ///5703-XM3,5734-XMA,5734-XMB

GH20-1265

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM PHYSICIANS GUIDE - PROGRAM NUMBERS 5736-H15 AND 5734-H11

This publication describes the medical logic contained in the Health Care Support/Electrocardiogram (ECG) Analysis Program and lists all interpretive statements printed by the program. It is designed specifically to orient medical personnel to the medical criteria of the program.  
 Manual  
 ///5736-H15,5734-H11

SH20-1268

THE CICS FEATURE (6024-6028) OF THE DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR, PROGRAM AND OPERATIONS MANUAL PROGRAM PRODUCT 5736-XX4

The Customer Information Control System (CICS) feature of the Data Base Organization and Maintenance Processor is a programming system designed to enable customer application programs to access and maintain Data Base Organization and Maintenance Processor Files. Tying together CICS and Data Base Organization and Maintenance Processor files, it provides the framework for an online data base/data communications system.

This manual includes a discussion of the system, information for and instructions to the systems analyst concerning installation of the system, information for and instructions to the application programmer concerning use of the CICS feature in his programming, and instructions for operating with the CICS feature.

This manual is intended primarily for systems personnel, application programmers, and operations personnel. Readers should be familiar with the concepts and terminology of both CICS and the Data Base Organization and Maintenance Processor.  
 Manual, 172 pages  
 ///5736-XX4

SH20-1270

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE

PROG. NOS. 5734-H11 (OS, OS/VS) AND 5736-H15 (DOS, DOS/VS)  
 The IBM Health Care Support/Electrocardiogram (ECG) Analysis Program provides batch processing for the computerized analysis of electrocardiograms. The program provides rapid and consistent interpretation of ECG's to assist the cardiologist in today's medical environment.

This publication is designed to provide sufficient information to enable the user to understand the functions and operation of the program. The Operations Guide section is designed to provide the information necessary to install and execute the program. Module flowcharts and descriptions of internal variables will be found in the Logic Manual, while details on the medical logic will be found in the Physician's Guide.  
 Manual, 140 pages  
 ///5734-H11,5736-H15

GH20-1271

ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) GENERAL INFORMATION MANUAL - PROG. NO. 5796-PBH

This program provides engineers with a powerful tool for use in the design and reliability analysis of linear and nonlinear electrical networks. Although ASTAP is oriented primarily toward the analysis of electronic circuits, it can also be used to simulate any physical system which can be represented by a network model.

The program can be used for performing DC and AC steady-state as well as transient analysis. In addition, a Monte Carlo statistical simulation can be performed in conjunction with DC, AC, or transient analysis to predict the effect of component variations on network performance. A common user-oriented input language is provided for describing the network to be analyzed in any of the above modes.

A model library facility provides for the storage of device models, which can be recalled for use in specifying circuits. Entire circuits also can be stored and recalled for later analysis.

Through the use of advanced mathematical and programming techniques, this program permits very large networks to be analyzed in less time and with less demand for real memory. Although ASTAP was designed for operation under OS/MFT or OS/MVT, it has been tested under OS/VS1 in a virtual mode. When ASTAP is operated under OS/VS1, a circuit problem does not need to fit into available real storage in order to be executed. Under OS/VS1, large problems which could not otherwise be run in smaller machines can be accommodated.

This manual is intended for those desiring a general overview of the program's capabilities.  
 Manual, 65 pages  
 ///5796-PBH

SH20-1276

SELF-STUDY IMPLEMENTATION COURSE FOR HEALTH CARE SUPPORT ECG PROGRAM PRODUCT - PROG. NOS. 5734-H11 AND 5736-H15

This student guide contains the information and directions for using the Health Care Support/Electrocardiogram (ECG) Analysis Program Product documentation. It is designed primarily for persons who will be performing the functions

of installing, operating, and modifying the program.  
 manual, 52 pages  
 ///5734-H11,5736-H15

Sh20-1281

EPIC: STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS OPERATIONS GUIDE PROGRAM NUMBER 5735-E94

The EPIC: Student Program Product establishes a student records data base. This package consists of a series of interrelated programs which provides a systematic procedure for the collection and reporting of student academic and attendance information. This manual describes the operating procedures to be followed when implementing the Program Product.  
 Manual, 148 pages  
 ///5735-E94

Sh20-1282

EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS OPERATIONS GUIDE - PROGRAM NUMBER 5735-E92

The EPIC: FAST program product employs a comprehensive systems approach to scoring and analyzing standardized tests. A program of interrelated programs provides for the establishment of user defined testing packages catalogued on disk. Each package consists of a scoring key, conversion tables, and specifications required to produce a series of test result reports. This manual provides the implementation procedures and operating procedures for this program product.  
 Manual, 148 pages  
 ///5735-E92

Sh20-1283

EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS USER'S MANUAL - PROG. NO. 5735-E92

The EPIC: FAST program product represents a comprehensive systems approach to scoring and analyzing standardized test. The product consists of a series of interrelated programs that provide for the establishment of user defined testing packages catalogued on disk. A testing package consists of a scoring key, conversion table, and specifications for test result reports. This manual provides the user with the information required to help him define his testing packages and testing requirements.  
 Manual, 232 pages  
 ///5735-E92

Sh20-1284

EPIC: STUDENT - STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS USER'S GUIDE - PROGRAM NUMBER 5735-E94

EPIC: Student is designed to provide mark reporting and attendance accounting for elementary and secondary schools, and junior colleges. This document describes the general work flow and data organization of this program product. The chief purpose of this document is to prepare the user for the installation of this program product.  
 Manual, 168 pages  
 ///5735-E94

GH20-1293

SYSTEM/370 MACHINING & DISPLAY APPLICATION PROGRAM (MDAP) FOR 5275 DIRECT NUMERICAL CONTROL STATION:

PROG NOS 5740-XN2 (OS) & 5746-XN2 (DOS), GENERAL INFORMATION  
 MDAP provides programming support for the IBM 5275 Direct Numerical Control Station under OS/VS or DOS/VS. This manual provides a general description of the program and a brief description of the 5275 station. It includes I/O description, system requirements, and a sample terminal session highlighting the use of the 5275 under MDAP control.  
 Manual, 50 pages  
 ///5740-XN2,5746-XN2

Sh20-1325

STUDENT RESPONSE ANALYSIS PROCESSORS (STRAP) FOR S/370 OHIO STATE UNIV.: IUP'S 5796-ACX, - AGP DESCRIPTION/OPERATIONS

STRAP provides the user of Coursewriter III Program Products information about the response time and reactions of students to courses in development and use. It is useful in student counseling, general education program analysis work and research. It assists the instructor in evaluating the instructional procedures and provides comprehensive student data. It increases the participation of the instructor with the student in the computer aided instruction cycle.  
 manual  
 ///5796-ACX,5796-AGP

SH20-1365

COMPUTER GENERATED CORRESPONDENCE, IUP 5796-AER, DESCRIPTION/OPERATION

The Computer Generated Correspondence System as installed at Fidelity Union Life Insurance Company, Dallas, Texas allows letters to be requested in two ways: on demand through an IBM 3270 visual display terminal or automatically from CFO daily cycle, agency and payroll systems. Pre-composed letters are stored on a DASD. Existing data bases are accessed to provide information such as policy number, name, address, etc., while variable data is entered when the letter is requested. The on-line and batch letter requests are combined, sorted by letter type and printed. During the

print run, the pre-composed letter is extracted from the letter and the variable information is inserted at its proper place. Usage statistics are maintained by letter type. To optimize DASD utilization and to avoid data duplication, all words in the pre-composed letter file are maintained as codes which point to word dictionaries. The facility exists to generate multiple copies of the same letter and also to prepare envelopes.

Manual  
 ///5796-AER

SH20-1373

TERMTEXT/FORMAT - IUP 5796-PBR - SYSTEM INFORMATION

TERMTEXT/Format was designed for the in-house publisher of books, catalogs, directories, and technical manuals. Coupled with the power and versatility of the Advanced Text Management System (ATMS), it provides the total facilities of text entry and correction through typewriter like and display terminals, and comprehensive page makeup. TERMTEXT/Format accepts text from ATMS and automatically puts it in the format requested by the user. Pre-defined formats, called "profiles", can be established once and then used as required.  
 Manual  
 ///5796-PBR

SH20-1385

DISTRIBUTION ORDER ENTRY SYSTEM FOR SYSTEM/360/370 WITH 3270's 3340 SUPPORT - IUP 5796-ABT, DESCRIPTION/OPERATIONS

The Lag Drug visual display technique can provide needed information quickly to order takers. Companies that take orders over the telephone require immediate information concerning their customers, warehouse inventory current prices, discounts, free goods, special deals or promotions. Utilizing a flexible, combination approach of alpha dictionary or numeric entry, the Lag Order Entry System can assist the distributor in improving customer service because items ordered are agreed upon with the customer and then entered correctly. This System not only helps increase customer service but also means less returned merchandise, Sales increase, warehouse efficiency, reduction in order entry, lower investment and continuous increased performance. This feature supporting the 3340, is an added feature to the original DOES System.

This manual is designed to provide the user with sufficient information to understand, install, and successfully use the program. User installation and operator instructions are included.  
 Manual  
 ///5796-ABT

SH20-1392

MEDICAL RECORD ABSTRACT SYSTEM, IUP 5796-APA, DESCRIPTION/OPERATIONS

The Medical Record Abstract System fulfills the minimum standards set forth in Uniform Hospital Abstract: Minimum Basic Data Set. Data is collected for inpatient discharges and outpatients visits. Online file maintenance is provided via IBM 3270's located in the medical record department. Monthly and yearly discharge statistical reports are produced offline.

The Medical Record Abstract System consists of teleprocessing and batch application programs. They are written in ANS COBOL. The programs execute under the control of the Customer Information Control System (either CICS/DOS-Entry, 5736-XX6 or CICS/DOS-Standard, 5736-XX7 or CICS/DOS/VS, 5746-XX3) program product in a Disk Operating System (DOS) or Disk Operating System/Virtual Storage (DOS/VS) 5745-010 environment.

This publication provides the information necessary for the installation, operation, and functional understanding of the Medical Record Abstract System. Topics covered are: system overview, installation procedures, file descriptions, operating procedures, sample problem.  
 Manual, 132 pages  
 ///5796-APA

SH20-1393

NUMBERING SYSTEM - IUP 5796-PCG, DESCRIPTION/OPERATIONS

Having applicability to a broad audience, this highly interactive course serves as a prerequisite for the System 370/360 System Concepts and Programming IUP's, but can also be utilized as a supplement to a mathematics curriculum. Through the selective teaching facility of the course, students or faculty can, by demonstrating proficiency on prerequisite questions matched to specific objectives, select any of the following topics: binary counting, binary and hexadecimal arithmetic, numbering system conversions, hexadecimal floating point conversion.

This is one course in a series of five related courses. The complete course series is as follows:

- Introduction to Computers (IUP Number 5796-PCJ)
- Numbering Systems (IUP Number 5796-PCG)
- System/370/360 System Concepts and Programming
  - Part I: Concepts (IUP Number 5796-PCK)
  - Part II: Programming (IUP Number 5796-PCL)
  - Part III: System/370 Enhancements (IUP Number 5796-PCN)

Manual  
 ///5796-PCG

SH20-1405

ALPHA SEARCH INQUIRY SYSTEM PROGRAM REFERENCE MANUAL  
PROG. PROD. 5736-N14

The IBM Alpha Search Inquiry System provides the facility to create, maintain, reorganize, and display a file containing customer names and all associated contract numbers. The program product is comprised of five programs. The inquiry program runs as an application program under CICS/DOS Entry (5736-XX6), CICS/DOS Standard (5736-XX7), or CICS/OS Standard (5734-XX7), and utilizes the special features offered by the 3270 Information Display System. The programs that constitute the system run under DOS/VS, OS/VS1, or OS/VS2 on System/370 or under one of these system control programs operating under System/370 VM/370.

This manual provides information essential for persons who have the responsibility to define, prepare, and administer the Alpha Search Inquiry System in the environment it supports. Knowledge of the information available on the current files and the formats of what information is required, as is knowledge of the operating system used by the installation, the Customer Information Control System (CICS), and the 3270 Information Display System.

Manual, 100 pages  
 ///5736-N14

SH20-1406

ALPHA SEARCH INQUIRY SYSTEM OPERATIONS GUIDE  
PROG. PROD. 5736-N14

This manual presents the information required to create, maintain, and execute the Alpha Search Inquiry System programs. These programs run on a System/370 operating under DOS/VS, OS/VS1 or OS/VS2, or under one of these system control programs operating under VM/370. This manual is divided into two parts. The first part contains eight sections which describe the control cards and procedures necessary to create, maintain, and execute each program under DOS/VS and OS/VS. The final part entitled "Terminal Operator's Guide" discusses the use and options of the Alpha Search Inquiry Program.

This manual is to be used by those persons who have the responsibility of maintaining the Alpha Search Inquiry System and those who work with the IBM 3270 Information Display Station and the Alpha Search Inquiry System. Knowledge of the installation's operating system and system libraries is required by those who provide maintenance. The terminal operator must have knowledge of the IBM 3270 operation.

Manual, 50 pages  
 ///5736-N14

GH20-1408

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS): GENERAL INFORMATION  
MANUAL, PROG. PROD. 5740-XX3 (OS), 5746-XX4 (DOS/VS)

The Advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities simultaneously through typewriter-like terminals or an information display system attached to an IBM System/370. Written to operate under the IBM CICS/OS (5734-XX7) and CICS/DOS-STANDARD (5736-XX7) Program Products, ATMS runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS environment, as well as tasks in other partitions or regions.

This publication contains a general description of the features of the program, an indication of some of the areas in which it may be applied, and the machine configuration required.

Manual  
 ///5740-XX3,5746-XX4

SH20-1409

PURCHASING PROGRAM REFERENCE MANUAL - PROGRAM PRODUCTS  
5736-XX5 AND 5734-XXA

The IBM Purchasing program product is designed to automate many of the clerical aspects of the purchasing department's function through the use of a data base which facilitates purchase order creation, maintenance, follow-up, and review.

The IBM Purchasing program product is designed to bring current information about the status of purchased goods to the attention of management while there is still time for decisions to be made and acted upon.

This manual describes the IBM Purchasing program product and provides information to enable the reader to install the program product. The audience for this manual includes system analysts, programmers, and certain operating personnel.

Manual, 333 pages  
 ///5734-XXA,5736-XX5

SH20-1410

PURCHASING, OPERATIONS GUIDE (OS) - PROGRAM NUMBER 5734-XXA

The IBM Purchasing program product is designed to automate many of the clerical aspects of the purchasing department's function through the use of a data base which facilitates purchase order creation, maintenance, follow-up, and review.

The program product consists of twelve programs to aid in the implementation of the purchasing application. It is designed to bring current information about the status of purchased items to the attention of management while there is still time for decisions to be made and acted upon.

This manual contains information regarding preparatory and operating procedures for the programs. It includes a

complete list of the error messages that can be produced by the programs. The audience for this manual includes customer operating personnel, systems analysts, and programmers. The prerequisite for the use of this manual is a knowledge of the Operating System and the IBM System/360 Chained File Management System of OS Requirements Planning. Guide

///5734-XXA

SH20-1412

PURCHASING, OPERATIONS GUIDE (DOS) PROGRAM NO. 5736-XX5

The IBM Purchasing program product is designed to automate many of the clerical aspects of the purchasing department's function through the use of a data base which facilitates purchase order creation, maintenance, follow-up, and review.

The program product consists of twelve programs to aid in the implementation of the purchasing application. It is designed to bring current information about the status of purchased items to the attention of management while there is still time for decisions to be made and acted upon.

This manual contains preparatory and operating procedures for the programs. It includes a complete list of the error messages that can be produced by the programs. The audience for this manual includes customer operating personnel, systems analysts, and programmers. The prerequisite for the use of this manual is a knowledge of the Disk Operating System and either the Bill of Material Processor or the Data Base Organization and Maintenance Processor.

Manual  
 ///5736-XX5

SH20-1413

SYSTEM/370 APT - AC NUMERICAL CONTROL PROCESSOR  
OPERATION GUIDE PROG. PROD. 5740-M53

This manual provides suggested processor generation and maintenance procedures, processor execution instructions, halts and error messages, and storage map.

Manual  
 ///5740-M53

SH20-1414

SYSTEM/370 APT-AC NUMERICAL CONTROL PROCESSOR, PROG PROD  
5740-M53, PROGRAM REFERENCE

System/370 Automatically Programmed Tool-Advanced Contouring (APT-AC) is a program product which features a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides the details of the APT-AC language. Included are special features, system configuration, and appendices which fully describe all the features of the program product.

Manual  
 ///5740-M53

SH20-1416

SYSTEM/370 APT-IC NUMERICAL CONTROL PROCESSOR  
OPERATIONS GUIDE - PROG. NO. 5740-M52

This manual provides suggested processor generation and maintenance procedures, processor execution instructions, halts and error messages, and storage map.

Manual, 36 pages  
 ///5740-M52

SH20-1417

SYSTEM/370 APT-IC NUMERICAL CONTROL PROCESSOR PROGRAM  
REFERENCE MANUAL - VOLUME 1 PROG. NO. 5740-M52

System/370 Automatically Programmed tool -- Intermediate Contouring (APT-IC) is a program product which features a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides the details of the APT-IC language.

Included are language structure and elements, special features, system configuration, and appendices which fully describe all the features of the program product.

Manual, 596 pages  
 ///5740-M52

SH20-1419

SYSTEM/370 APT-BP NUMERICAL CONTROL PROCESSOR PROGRAM  
REFERENCE MANUAL VOLUME I - PROGRAM NUMBER 5740-M51

System/370 Automatically Programmed Tool - Basic Positioning (APT-BP) is a program product which features a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides the details of the APT-BP language.

Included are language structure and elements, special features, system configuration, and appendices which fully describe all the features of the program product.

Manual  
 ///5740-M51

SH20-1420

SYSTEM/370 APT-BP OPERATIONS GUIDE - PROGRAM NUMBER 5740-M51

This manual provides suggested processor generation and maintenance procedures, processor execution instructions, halts and error messages, storage map and restart procedures.

Manual  
 ///5740-M51



SH20-1422

CREDIT MANAGEMENT SYSTEM PROGRAM REFERENCE AND OPERATIONS MANUAL - PROGRAM NUMBER 5799-ADF, PRPQ WB4982

The Credit Management System is an application oriented system that extends the facility of DMS to provide for the specific needs of the credit card issuing and consumer service industries. It provides an array of powerful services tailored to address the unique aspects of this application without limiting the user's approach to managing credit. It simplifies the task of implementing an interactive system for credit card and receivables management.

Manual, 210 pages  
 ////5799-ADF

GH20-1423

SYSTEM/370 APT-AC NUMERICAL CONTROL PROCESSOR PROGRAM NUMBER 5740 - M53 GENERAL INFORMATION MANUAL

System/370 Automatically programmed Tool - Advanced Contouring (APT-AC) is a program Product designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides an introduction to the N/C language. Included are language structure and elements, special features, system configuration, and an appendix which details technical information of the DAPP feature of the program Product.

Manual  
 ////5740-M53

GH20-1424

SYSTEM/370 APT-IC NUMERICAL CONTROL PROCESSOR GENERAL INFORMATION MANUAL - PROG. NO. 5740-M52 (IC)

System/370 Automatically Programmed Tool Intermediate Contouring (APT-IC) is a Program Product designed to simplify the preparation of instructions for numerically controlled machine tools. This manual provides an introduction to the N/C language. Included are language structure and elements, special features, system configuration, and an appendix that details technical information on the DAPP feature of the Program Product.

Manual, 96 pages  
 ////5740-M52

GH20-1434

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: DOCUMENTATION AIDS VOLUME A

This publication is part of a multi-volume set and contains information on the ACP documentation organization contents of each type of document, cross references to documents and programs, ACP glossary of unique terms and pertinent ACP guidelines.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers SH20-1434 through GH20-1455.  
 Manual, 410 pages  
 ////5799-WKG

GH20-1435

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: DOCUMENTATION AIDS VOLUME B

This publication, Volume B, is part of a multi-volume set and contains introductory documents to acquaint a user with the structure, functions and facilities of ACP.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers SH20-1434.  
 Manual, 104 pages  
 ////5799-WKG

GH20-1436

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: SYSTEM IMPLEMENTATION VOLUME C1

This volume is part of a multi-volume set and contains information for installing, implementing and initializing ACP for a users application.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 316 pages  
 ////5799-WKG

GH20-1437

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: SYSTEM INITIALIZATION PACKAGE (SIP) VOLUME C2

This volume is part of a multi-volume set and contains information for installing, implementing and initializing ACP for a users application.

More specifically this volume contains the System Initialization Package Users Guide.  
 This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 168 pages  
 ////5799-WKG

GH20-1438

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: USERS MANUAL VOLUME D

This volume is part of a multi-volume set and contains documentation for using the facilities and programming

services of ACP.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 400 pages  
 ////5799-WKG

GH20-1439

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: OPERATIONS MANUALS VOLUME E

This volume is part of a multi-volume set and contains information and instructions for machine room operating personnel who will be running the various programs in a users environment.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 772 pages  
 ////5799-WKG

GH20-1440

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: MACRO MANUAL VOLUME F

This volume is part of a multi-volume set and contains the executive macros, and the macros that are not data records.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 652 pages  
 ////5799-WKG

GH20-1441

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: APPLICATION DATA RECORD DESCRIPTIONS VOLUME G1

This volume is part of a multi-volume set and contains documentation on application related data records.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 596 pages  
 ////5799-WKG

GH20-1442

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: APPLICATION DATA RECORD AND PROGRAM SPECIFICATIONS VOLUME G2

This volume is part of a multi-volume set and contains documentation on application related data records and program specifications.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 608 pages  
 ////5799-WKG

GH20-1443

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: IMPLEMENTATION DATA RECORD DESCRIPTION AND PROGRAM SPECIFICATIONS VOLUME H

This volume is part of a multi-volume set and contains information on the data records, data files, and programs that are used in the implementation component of the ACP System.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 456 pages  
 ////5799-WKG

GH20-1444

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM DATA RECORD DESCRIPTION: VOLUME J1

This volume is part of a multi-volume set and contains information on the data records and data files that are used in the Control Program component of the ACP system.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 886 pages  
 ////5799-WKG

GH20-1445

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J2

This volume is part of a multi-volume set and contains information on selected programs that make up the Control Program component of the ACP System.

This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
 Manual, 122 pages  
 ////5799-WKG

GH20-1446

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J3

This volume is part of a multi-volume set and contains information on selected programs that make up the Control Program Component of the ACP System.



This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 1082 pages  
////5799-WKG

GH20-1447

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J4  
This volume is part of a multi-volume set and contains information on selected programs that make up the Control Program component of the ACP System.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 1258 pages  
////5799-WKG

GH20-1448

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J5  
This volume is part of a multi-volume set and contains information on selected programs that make up the Control Program component of the ACP System.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 814 pages  
////5799-WKG

GH20-1449

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: HYPERVISOR MANUAL VOLUME J6  
This volume is part of a multi-volume set and contains documentation related to all aspects of the ACP-OS/V5 Hypervisor.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 142 pages  
////5799-WKG

GH20-1450

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: FILE SUPPORT DATA RECORD DESCRIPTIONS VOLUME K1  
This volume is part of a multi-volume set and contains information on the data records and data files that are used in the File Support component of the ACP System.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 142 pages  
////5799-WKG

GH20-1451

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: FILE SUPPORT PROGRAM SPECIFICATIONS VOLUME K2  
This volume is part of a multi-volume set and contains information on selected programs that make up the File Support component of the ACP System.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 956 pages  
////5799-WKG

GH20-1452

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: FILE SUPPORT PROGRAM SPECIFICATIONS VOLUME K3  
This volume is part of a multi-volume set and contains information on selected programs that make up the File Support component of the ACP System.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual, 910 pages  
////5799-WKG

GH20-1453

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: MESSAGE SWITCHING MANUAL VOLUME L  
This volume is part of a multi-volume set and contains documentation on the data records, data files, and programs that make up the Message Switching application.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form number GH20-1434 through GH20-1455.  
Manual  
////5799-WKG

GH20-1454

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: DATA COLLECTION MANUAL VOLUME M  
This volume is part of a multi-volume set and contains documentation on the programs, data records, data files and user information that make up the data collection subsystem.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434

through GH20-1455.  
Manual  
////5799-WKG

GH20-1455

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: TEST TOOLS MANUAL VOLUME N  
This volume contains documentation on the programs, data records, data files, and macros that make up the test tools subsystem.  
This volume has limited value when not supplemented by the complete set of 22 volumes, form numbers GH20-1434 through GH20-1455.  
Manual  
////5799-WKG

GH20-1459

PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LIC PROG 5748-XT1, GENERAL INFORMATION  
This manual provides an overview of PSG/CMS, describing the program features, usage, system requirements, customer responsibilities, sample problem and reference material.  
Manual, 30 pages  
////5748-XT1

GH20-1465

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM & DATA COMMUNICATIONS PROGRAM: IMPLEMENTATION PLANNING GUIDE, PROGRAM PRODUCTS 5746-H14 & 5746-H13  
This publication describes a suggested plan and the basic requirements for implementing the IBM Health Care Support/Accounting System and Health Care Support/Data Communications Program. It is designed for new users of these programs as well as users of the IBM Shared Hospital Accounting System (SHAS) who are planning a conversion to the new Health Care Support/Accounting System and/or Data Communications Program.  
New users should read the Health Care Support/Accounting System, Health Care Support/Data Communications Program, General Information Manual (GH20-1179) in order to familiarize themselves with the program products before reading this manual.  
Manual, 68 pages  
////5746-H13,5746-H14

GH20-1466

CREDIT MANAGEMENT SYSTEM II GENERAL INFORMATION MANUAL PROG. NO. 5799-AHJ  
Programming RPQ to Display Management System II. It contains introductory and overview material of the system.  
Manual, 48 pages  
////5799-AHJ

SH20-1467

CREDIT MANAGEMENT SYSTEM II PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE - PROG. NO. 5799-AHJ  
Credit Management System II Programming RPQ to DMS II. It gives the information necessary for the user to retrieve the source code, assemble the programs, run the sample problem, and install and operate the system.  
Manual, 244 pages  
////5799-AHJ

SH20-1468

PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LIC PROG 5748-XT1, TERMINAL USER'S GUIDE  
This manual describes the commands provided by PSG/CMS that enable the user to run his PSG/CMS programs from the terminal.  
Manual, 47 pages  
////5748-XT1

SH20-1469

PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LIC PROG 5748-XT1, OPERATIONS GUIDE  
This manual provides the information needed to install and maintain PSG/CMS.  
Manual, 14 pages  
////5748-XT1

SH20-1470

SYSTEM/370 MDAP FOR THE 5275: PROG. PROD. 5740-XN2 (OS/V5) REFERENCE MANUAL & OPERATIONS GUIDE  
The System/370 Machining and Display Application Program (MDAP) provides programming support for the IBM 5275 Direct Numerical Control Station under OS/V5.  
This publication is designed to provide sufficient information to enable the user to understand the functions and operation of MDAP. The Operations Guide section provides the information necessary to install and execute MDAP. Module flowcharts and descriptions of internal variables will be found in the Logic Manual, while details on terminal operation will be found in the Terminal User's Guide.  
Manual, 129 pages  
////5740-XN2

SH20-1471

MACHINE AND DISPLAY APPLICATION PROGRAM (MDAP) TERMINAL USERS GUIDE PROGRAM NUMBERS 5740-XN2, 5746-XN2  
The IBM 5275 Direct Numerical Control Station is a terminal which, when combined with the Machining and Display Application Program (MDAP), is used to increase productivity in a numerical control environment, eliminating several problems of conventional numerical control systems. The System/370 Machining and Display Application Program (MDAP) is a program product available under OS/VS and DOS/VS which provides host computer support for the 5275 Direct Numerical Control Station.

This manual provides instructions for the use of the terminal and the product. It includes a description of the features of the terminal and a section that may allow the user to identify the failing system component in case of system failure. The organization of the manual follows the processing of a representative part program using the system.

Manual  
////5740-XN2,5746-XN2

SH20-1472

INTERACTIVE TRAINING SYSTEM: EXPANDED COURSE STRUCTURING FEATURE, COURSE AUTHORING GUIDE, PROG. PROD. 5734-XXC  
This publication is intended for those who will develop, create, and maintain course materials in the IBM Interactive Training System environment. It includes descriptions of the course development process, preparation of the course materials, and the authoring commands and course material formats for system entry.

Manual  
////5734-XXC

GH20-1473

ACP SYSTEM CONCEPTS AND FACILITIES - PROG. NO. 360D-03.0.012  
The Airline Control Program (ACP) System provides a highly responsive solution to real time transaction driven applications. The system has wide acceptance within the Airlines Industry but also has been utilized in non-Airline applications which require the use of clusters of terminals connected to a common data base. The ACP system represents an operating system to control a large network of communication facilities and a control computer complex. The ACP system emphasis is maximum performance. Performance means a response to the terminal user, an agent or customer of the business, within a few seconds (less than 3 seconds for reservation applications). Transactions are characterized by short messages that represent inquiries to the common data base of the business. The ACP system is designed to handle communication networks of hundreds of terminals for a S/370 Model 135 through networks of thousands of terminals for a S/370 Model 168.

The Manual provides a comprehensive overview of the ACP System. The Manual is intended for systems programmers and systems engineers who have the responsibility for installing the ACP system. The Manual is also intended to be used in the technical phases of evaluating the ACP system as a solution to a high performance/transaction driven/communications based business system.

Manual  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH20-1475

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) OPERATIONS GUIDE PROG. PROD. 5740-XX3 (OS), 5746-XX4 (DOS/VS)  
The Advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities concurrently through typewriter like terminals or information display systems attached to an IBM System/370. Written to operate under the IBM CICS/OS (5734-XX7) Prog Prod. ATMS runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS environment, as well as tasks in other partitions or regions.

This manual provides information for terminal supervisors and persons with ATMS control terminal operator responsibility who must define and administer ATMS and its terminal operators, and who control its daily operations.

Manual, 101 pages  
////5740-XX3,5746-XX4

SH20-1476

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) TERMINAL OPERATIONS GUIDE, PROG. PROD. 5740-XX3 (OS), 5746-XX4 (DOS/VS)  
The Advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities concurrently through typewriter-like terminals or information display systems attached to an IBM System/370. Written to operate under the IBM CICS/OS (5734-XX7) Program Product, ATMS runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons involved with terminal and display operations. These persons include: terminal operators, privileged terminal operators, terminal supervisors, control terminal operators, display terminal operators, and system administrators.

Manual, 168 pages  
////5740-XX3,5746-XX4

SH20-1477

ADVANCED TEXT MANAGEMENT SYSTEM ( ATMS LEARN ATMS WORKBOOK PROGRAM NUMBERS 5740-XX3 (ATMS/OS) 5746-XX4 (ATMS/DOS/VS)  
The Advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities concurrently through typewriter like terminals or information display systems attached to an IBM System/370. Written to operate under the IBM CICS/OS-STANDARD (5734-XX7) and CICS/DOS-STANDARD (5736-XX7) Prog. Prod., will run concurrently with, and independently of, other applications within the CICS environment, as well as tasks in other partitions or regions.

This manual provides the information and complementary exercises for terminal operators taking the online self-teaching, LEARN ATMS course.

Manual, 30 pages  
////5740-XX3,5746-XX4

SH20-1478

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) SYSTEM PROGRAMMER'S REFERENCE MANUAL, PP 5740-XX3 (OS), 5746-XX4 (DOS/VS)  
The Advanced Text Management System (ATMS) consists of control and function programs that direct many text processing activities concurrently through typewriter-like terminals or an information display system attached to an IBM System/370. Written to operate under the IBM CICS/OS (5734-XX7) Program Product, ATMS runs in a multiprogramming environment. It will run concurrently with, and independently of other applications within the CICS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation and maintenance of ATMS.

Manual, 91 pages  
////5740-XX3,5746-XX4

SH20-1492

SYSTEM/370 MACHINING & DISPLAY APPLICATION PROGRAM (MDAP) FOR THE IBM 5275 DIRECT NUMERICAL CONTROL STATION PROG. REFERENCE MANUAL & OPERATIONS GUIDE PROG. NO. 5746-XN2 (DOS/VS)  
The System/370 Machining and Display Application Program (MDAP) provides programming support for the IBM 5275 Direct Numerical Control Station under DOS/VS.

This publication is designed to provide sufficient information to enable the user to understand the functions and operation of MDAP. The Operations Guide section provides the information necessary to install and execute MDAP. Module flowcharts and descriptions of internal variables will be found in the Logic Manual, which details on terminal operation will be found in the Terminal User's Guide.

Manual, 152 pages  
////5746-XN2

GH20-1493

A GUIDE TO AN ONLINE PURCHASING SYSTEM  
The purpose of this guide is to provide the user of the Purchasing Program Product with a suggested approach to converting his batch or manual purchasing system to an online system. A general description of the data base and programs is given. This manual is directed to personnel at all levels. The material is organized to allow either a brief introduction to the general design and benefits or such a system, or possible implementation.

Manual, 225 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SH20-1494

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM PROGRAM REFERENCE MANUAL - PROG. NO. 5746-H14  
The Health Care Support/Accounting System provides hospital accounting for a standalone or multiple-hospital environment. The participating hospitals may be connected to the central System/370 facility by teleprocessing terminals. The Accounting System consists of the Accounting Base Programs (5746-H14) and an Accounting Application feature (6001, 6002, or 6003).

The Accounting System records and processes data related to inpatient and outpatient billing, accounts receivable, and general ledger and facilitates the automatic preparation of Medicare and other insurance billing forms. Communication with the central facility in a shared environment is handled by the Health Care Support/Data Communications program product (5746-H13) and the Customer Information Control System (CICS).

The basic publication provides information on the Accounting System that will enable the user to understand the functions of the programs and guide him in installing the system.

As this document is written as a reference manual and not as a study text, it should be used for education purposes in conjunction with the General Information Manual (GH20-1179) and the Operations Guide (SH20-1501).

This manual is written for systems engineers or programmers with a thorough understanding of DOS/VSAM, COBOL and System/370 Assembler Language.

Manual, 324 pages  
////5746-H14

GH20-1496

SYSTEM/370 ENERGY MANAGEMENT SYSTEM GENERAL INFORMATION  
MANUAL PROGRAM NUMBER 5740-U11

The IBM System/370 Energy Management System is designed to provide electric utilities with a consolidated system for monitoring and controlling power generation, transmission, and distribution.

This manual is intended for persons interested in a general description of System/370 Energy Management System. It provides helpful information for installation planning and evaluation. The reader is assumed to have a general knowledge of the electric utility industry, and of the functions provided by the IBM Program Product, System/7 Energy Management System (5707-U11).

Manual, 60 pages  
 ///5740-U11

SH20-1497

HEALTH CARE SUPPORT/DATA COMMUNICATIONS  
PROG. NO. 5746-H13 - REFERENCE MANUAL

The Health Care Support/Data Communications Program provides a teleprocessing interface for the users of the Health Care Support/Accounting System (5746-H14), the Health Care Support/Laboratory Information System (5746-H12), and user programs. Data may be transmitted from, and output reports may be directed to, terminals in remote locations. The data entry facilities accept data batches from keyboard or card-reader terminals. The terminal report facilities provide for automatic or request only report printing. In addition, a central site print facility is available. Real time control facilities are provided for system control and administration personnel.

The Data Communications Program consists of teleprocessing and batch application programs. They are written in Assembler and ANS COBOL. The programs execute under the control of the Customer Information Control System (CICS/DOS Standards) (5736-XX7) program product in a Disk Operating System/Virtual Storage (DOS/VS) (5745-010) environment.

This publication provides the information necessary for understanding the functions of the Data Communications Program. Topics covered are file descriptions, work area descriptions, processing descriptions, table descriptions, sample problem, and minimum system requirements.

Manual, 40 pages  
 ///5746-H13

GH20-1499

LIFE INQUIRY/DATA ENTRY GENERAL INFORMATION  
PROG. PROD. 5746-N11

Life Inquiry/Data Entry provides, via a 3270 Information Display System, access to Consolidated Functions Ordinary (CFO) policy master records and entry of transactions to be processed by the batch daily cycle programs of CFO II (5736-N13) and '62 CFO (1401-IL-02X).

The online portion of the program runs under CICS/DOS/VS or CICS/OS/VS, or under the control of IMS/VS. The batch programs run under control of DOS/VS or OS/VS or CICS/OS/VS, or under the control of IMS/VS. The batch programs run under control of DOS/VS or OS/VS on a System/370 with virtual capabilities and DOS/VS or OS/VS operating under Vm/370.

The manual is intended for persons interested in a general description of the capabilities and operating environment of the program product. Functional descriptions, sample output displays, and programming system requirements are included.

Manual, 36 pages  
 ///5746-N11

GH20-1500

FERST/VS, LIC PROG 5795-AAF, -AAG, -AAH, -AAJ, -AAK, -AAL, -AAN, GENERAL INFORMATION

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Message Switching provides point-to-point and multi-destination routing, group broadcasting, resend and reroute capability, and conversational edit and error correction.

FERST/VS Equipment Control provides real time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

FERST/VS Freight Billing provides online entry and editing of freight bills. The system inquiry and reporting capabilities address trailer summary manifests, freight bill delivery receipts, invoices, inactive freight reports, and management reports.

This manual contains a general description of the system and the systems approach taken. It introduces the reader to the system and serves as a guide for early planning.

Manual, 164 pages  
 ///5795-AAF, 5795-AAG, 5795-AAL, 5795-AAK, 5795-AAJ, 5795-AAH

SH20-1501

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM OPERATIONS GUIDE  
PROG. NO. 5746-H14

The Health Care Support/Accounting System provides hospital

accounting for a standalone or multiple-hospital environment. The participating hospitals may be connected to the central System/370 facility by teleprocessing terminals. The Accounting System consists of the Accounting Base Program (5746-H14) and an Accounting Applications feature (6001, 6002, or 6003). The Accounting System records and processes data related to inpatient and outpatient billing, accounts receivable, and general ledger and facilitates the automatic preparation of Medicare and other insurance billing forms. Communication with the central facility in a shared environment is handled by the Health Care Support/Data Communications Program Product (5746-H13) and the Customer Information Control System (CICS).

This basic publication gives the specifications and necessary information for operating the Accounting System programs. It includes a description of retrieving data from distributed machine-readable material and cataloging programs in the user's core image library. Use of this manual requires an operating knowledge of the IBM Disk Operating System/Virtual Storage (DOS/VS) job control and operating procedures.

This document is written as a reference manual for central operation and user-hospital personnel. User hospitals will find guidance for installation preparation, data coding and creation, and options available during operation. For education purposes, this manual should be used in conjunction with the General Information Manual (GH20-1179) and the Program Reference Manual (SH20-1494). conjunction with the General Information Manual (GH20-1179) and the Prog. Reference Manual (SH20-1494).

Manual, 707 pages  
 ///5746-H14

SH20-1503

HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM REPORTING  
PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5746-H12

The Health Care Support/Laboratory Information System Reporting provides data processing support for hospital clinical laboratories. Operating under the Health Care Support/Accounting Base Program, the program handle batched input of laboratory requisitions and test results, producing laboratory reports for use throughout the hospital.

The program design allows tailoring of formats and procedures to meet the separate needs of several hospitals sharing a common computer. Input and output of the system may use the Health Care Support/Data Communications Program, allowing remote data entry and remote report production. The laboratory application programs complement the Health Care Support/Accounting Application Program through the use of a common admission procedure and automatic charge generations.

This publication provides information on the Health Care Support/Laboratory Information System - Reporting, enabling the user to understand the functions of all programs as a guide for installation. This document is written as a reference manual, not as a study text. For educational purposes this manual should be used in conjunction with the General Information Manual (GH20-1190), the Operations Guide (SH20-1504), and the Laboratory Manual (SH20-1505).

Manual, 99 pages  
 ///5746-H12

SH20-1504

HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM REPORTING  
OPERATIONS GUIDE PROGRAM NUMBER 5746-H12

The IBM Health Care Support/Laboratory Information System Reporting provides data processing support for hospital clinical laboratories. The programs handle batched input of laboratory requisitions and test results, producing laboratory reports for use throughout the hospital.

The program design allows tailoring of formats and procedures to meet the separate needs of several hospitals sharing a common computer. As an option, the system may use the Health Care Support/Data Communications programs for input and output, allowing remote data entry and report production. The laboratory/application programs complement the Health Care Support/Accounting application programs through the use of a common admission procedure and automatic charge generation.

This basic publication gives the necessary information for the operation of this program product. It includes a description of retrieving data from the distributed machine-readable material and cataloging programs in the user's system libraries. Use of this manual requires an operating knowledge of the IBM Disk Operating System Virtual Storage (DOS/VS) job control cards and operating procedures.

This document is written as a reference manual for central operation personnel. For educational purposes, it should be used in conjunction with the General Information Manual (GH20-1190), and the Program Reference Manual (SH20-1503).

User-hospital personnel will find guidance for data creation and coding in preparation for installation and information on options available during operation on the Laboratory Manual (SH20-1505).

Manual, 127 pages  
 ///5746-H12

SH20-1505

HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM REPORTING  
LABORATORY MANUAL PROGRAM NUMBER 5746-H12

The IBM Health Care Support/Laboratory Information System - Reporting provides data processing support for hospital

clinical laboratories. The programs handle batched input of laboratory requisitions and test results, producing laboratory reports for use throughout the hospital. The program design allows tailoring of formats and procedures to meet the separate needs of several hospitals sharing a common computer. Input and output of the system may optionally use the Health Care Support/Data Communications Program, which allows remote data entry and report production. The laboratory application programs complement the Health Care Support/Accounting Application Program through the use of a common admission processor and automatic charge generation.

This publication provides specific information for installation planning and operation of the Health Care Support/Laboratory Information System - Reporting. Detailed discussions cover available system options and user options, preparation of master file data, preparation of daily input to the system, and interpretation of output from the system.

This document should be used as a reference by both user hospital personnel and central operations personnel during the entire life of the system.

Discussions in this manual mention the Health Care Support/Accounting System. For more details, refer to Health Care Support/Accounting System Program Reference Manual (SH20-1494).  
Manual, 159 pages  
///5746-H12

GH20-1506

PLANNING SYSTEM GENERATOR UNDER THE OS/VS2 TIME SHARING OPTION (PSG/TSO) GENERAL INFORMATION MANUAL PROGRAM NUMBER 5740-XT1

Planning Systems Generator under the OS/VS2 Time Sharing Option (PSG/TSO) produces and evaluates a variety of business and financial plans. It allows the planner to develop and execute his business and financial plans, from a terminal, under TSO.

PSG/TSO is easy to use for entering planning models, planning data, and print specifications. Plan generation and reporting facilities can also be initiated using simple commands at a terminal keyboard.

To the planner engaged in company or departmental planning, financial modeling, budget planning, marketing projections, investment strategies, etc., PSG/TSO provides a computing facility with the fast response needed to evaluate several alternatives rapidly.

This manual provides an overview of PSG/TSO, describing the program features, usage, system requirements, customer responsibilities, sample problem, and reference material.  
Manual, 29 pages  
///5740-XT1

SH20-1507

HEALTH CARE SUPPORT/DATA COMMUNICATIONS PROGRAM OPERATIONS GUIDE PROGRAM NUMBER 5746-H13

The Health Care Support/Data Communications Program provides a teleprocessing interface for the users of the Health Care Support/Accounting System (5746-H14), the Health Care Support/Laboratory Information System (5746-H12), and user programs. Data may be transmitted from, and output reports may be directed to, terminals in remote locations. The data entry facilities accept data batches from keyboard or card-reader terminals. The terminal report facilities provide for automatic or request only report printing. In addition, a central-site print facility is available. Realtime control facilities are provided for system control and administration personnel.

The Data Communications Program consists of teleprocessing and batch application programs. It is intended for use with the DOS Standard version of the Customer Information Control System (5736-XX7).

This publication provides the information necessary for the installation and operation of the Data Communications Program. Topics covered are the installation procedure, data queue formatting procedures, operating procedures, minimum system requirements, and program messages.  
Manual, 50 pages  
///5746-H13

SH20-1508

PLANNING SYSTEMS GENERATOR UNDER THE OS/VS2 TIME SHARING OPTION (PSG/TSO) OPERATIONS GUIDE, PROG. PROD. 5740-XT1

Planning Systems Generator under the OS/VS2 Time Sharing Option (PSG/TSO) produces and evaluates a variety of business and financial plans. It allows the planner to develop and execute his business and financial plans from a terminal, under OS/VS2 TSO.

PSG/TSO is easy to use for entering planning models, planning data, and print specifications. Plan generation and reporting facilities can also be initiated using simple commands at a terminal keyboard.

To the planner engaged in company or department, planning, financial modeling, budget planning, marketing projections, investment strategies, etc., PSG/TSO provides a computing facility with the fast response needed to evaluate several alternatives rapidly.

This manual provides the information needed to install and maintain PSG/TSO.  
Manual, 20 pages  
///5740-XT1

SH20-1509

PLANNING SYSTEMS GENERATOR UNDER THE OS/VS2 TIME SHARING OPTION (PSG/TSO) USER'S GUIDE - PROG. NO. 5740-XT1

Planning Systems Generator under the OS/VS2 Time Sharing Option (PSG/TSO) produces and evaluates a variety of business and financial plans. It allows the planner to develop and execute his business and financial plans, from a terminal under OS/VS2 TSO.

This manual describes the commands provided by PSG/TSO that enable the user to run his PSG/TSO programs from the terminal. A more detailed description of many of the PSG/TSO capabilities may be found in the Planning Systems Generator II (PSG II) Program Reference Manual (SH20-1042).  
Manual, 56 pages  
///5740-XT1

GH20-1512

GENERAL INFORMATION MANUAL COMMERCIAL LOAN SYSTEM

Contains information of the Banking endorsement of CLS. An overview of the on-line processing and the batch processing. System Capabilities, system operations, system requirements. Manual

SLSS - ORDER NO. SUBSCRIPTION ONLY

GH20-1516

ACP SYSTEM DOCUMENTATION - 360D-03.0.012, CONTROL PROGRAM SPECIFICATIONS VOLUME J7 (IBM 7441 AND 1980 SUPPORT THROUGH S/7)

This volume contains information on support of the 7441 Control unit, Model 1, and the 1980 I/O writer, Model 9, through the System/7.

Manual  
///5799-WKG

GH20-1517

AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: S/7 REMOTE MULTIPLEXER MANUAL VOLUME P

This volume contains information on the use of the System/7 as a remote multiplexer for the 2740 Model 2 Communication terminal, the 7411 Model 1 Control Unit Remote terminal, the 1971/1980-9 Custom terminal and the 7441-1/1980-9 Buffered terminal.

Manual  
///5799-WKG

SH20-1518

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL PROG. NOS. 5795-AAF, MESSAGE SWITCHING (OS/VS1); 5795-AAG, MESSAGE SWITCHING (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Message Switching provides point-to-point and multidestination routing, group broadcasting, resend and re-route capabilities, conversational edit and error correction, multibuffer message support, and warm restart capability.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Message Switching (MS).  
Manual, 36 pages  
///5795-AAF, 5795-AAG

SH20-1519

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) FILE DESCRIPTION MANUAL - PROG. NO. 5795-AAF, MESSAGE SWITCHING (OS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under Customer Information Control System/Virtual Storage (CICS/VS). It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Message Switching provides point-to-point and multidestination routing, group broadcasting, resend and re-route capability, and conversational edit and error correction, multibuffer message support, and warm restart capability.

This manual contains descriptions and record layouts for all input and output files used by the FERST/VS Message Switching System.  
Manual, 74 pages  
///5795-AAG, 5795-AAF

SH20-1520

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE - MESSAGE SWITCHING PROGRAM NOS. 5795-AAF (OS/VS1); 5795-AAG (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Message Switching (MS) provides point-to-point and multi-destination routing, group broadcasting, resend and re-route capability, and conversational edit and error correction.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/V5. Included is information necessary to generate and operate FERST/V5 MS.  
Manual, 123 pages  
////5795-AAF,5795-AGG

////5796-PCL

## SH20-1521

FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/V5) TERMINAL OPERATIONS GUIDE PROG. NO. 5795-AAF (OS)  
Freight and Equipment Reporting System for Transportation/Virtual System (FERST/V5) is an advanced teleprocessing system operating under Customer Information Control System/Virtual Storage (CICS/V5), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/V5 Message Switching provides point-to-point and multidestination routing, group broadcasting, resend and re-route capabilities, conversational edit and error correction, multibuffer message support, and warm restart capability.

This manual provides information regarding message formats and communication terminal operating procedures. It is assumed that the user is familiar with the specific functions and operating procedures of the communication terminals at the sending and receiving locations.  
Manual, 42 pages  
////5795-AAF

## SH20-1523

SYSTEM/370/360 SYSTEM CONCEPTS AND PROGRAMMING PART I: CONCEPTS - IUP 5796-PCK, DESCRIPTION/OPERATIONS  
Having applicability to a broad audience, this highly interactive course serves as a prerequisite for the System 370/360 System Concepts and Programming IUP's but can also be utilized as a supplement to a mathematics curriculum. Through the selective teaching facility of the course, students or faculty can, by demonstrating proficiency on prerequisite questions matched to specific objectives, select any of the following topics: binary counting, binary and hexadecimal arithmetic, numbering system conversions, hexadecimal floating point conversion.

This is one course in a series of five related courses.

The complete course series is as follows:

Introduction to Computers (IUP Number 5796-PCJ)  
Numbering Systems (IUP Number 5796-PCG)

System/370/360 System Concepts and Programming  
- Part I: Concepts (IUP Number 5796-PCK)  
- Part II: Programming (IUP Number 5796-PCL)  
- Part III: System/370 Enhancements (IUP Number 5796-PCN)

Manual  
////5796-PCK

## SH20-1524

SYSTEM/360/370 SYSTEM CONCEPTS AND PROGRAMMING PART I: CONCEPTS - IUP 5796-PCK, ADMINISTRATIVE GUIDE  
Having applicability to a broad audience, this highly interactive course serves as a prerequisite for the System 370/360 System Concepts and Programming IUP's but can also be utilized as a supplement to a mathematics curriculum. Through the selective teaching facility of the course, students or faculty can, by demonstrating proficiency on prerequisite questions matched to specific objectives, select any of the following topics: binary counting, binary and hexadecimal arithmetic, numbering system conversions, hexadecimal floating point conversion.

This is one course in a series of five related courses.

The complete course series is as follows:

Introduction to Computers (IUP Number 5796-PCJ)  
Numbering Systems (IUP Number 5796-PCG)

System/370/360 System Concepts and Programming  
- Part I: Concepts (IUP Number 5796-PCK)  
- Part II: Programming (IUP Number 5796-PCL)  
- Part III: System/370 Enhancements (IUP Number 5796-PCN)

Manual  
////5796-PCK,5796-PHA,5796-PHE

## SH20-1527

SYSTEM/370/360 SYSTEM CONCEPTS AND PROGRAMMING, PART II: PROGRAMMING - IUP 5796-PCL, DESCRIPTION/OPERATIONS  
Having applicability to a broad audience, this highly interactive course serves as a prerequisite for the System 370/360 System Concepts and Programming IUP's but can also be utilized as a supplement to a mathematics curriculum. Through the selective teaching facility of the course, students or faculty can, by demonstrating proficiency on prerequisite questions matched to specific objectives, select any of the following topics: binary counting, binary and hexadecimal arithmetic, numbering system conversions, hexadecimal floating point conversion.

This is one course in a series of five related courses.

The complete course series is as follows:

Introduction to Computers (IUP Number 5796-PCJ)  
Numbering Systems (IUP Number 5796-PCG)

System/370/360 System Concepts and Programming  
- Part I: Concepts (IUP Number 5796-PCK)  
- Part II: Programming (IUP Number 5796-PCL)  
- Part III: System/370 Enhancements (IUP Number 5796-PCN)

Manual

## SH20-1529

SYSTEM/370/360 SYSTEM CONCEPTS AND PROGRAMMING, PART II: PROGRAMMING - IUP 5796-PCL, STUDENT WORKBOOK  
Having applicability to a broad audience, this highly interactive course serves as a prerequisite for the System 370/360 System Concepts and Programming IUP's but can also be utilized as a supplement to a mathematics curriculum. Through the selective teaching facility of the course, students or faculty can, by demonstrating proficiency on prerequisite questions matched to specific objectives, select any of the following topics: binary counting, binary and hexadecimal arithmetic, numbering system conversions, hexadecimal floating point conversion.

This is one course in a series of five related courses.

The complete course series is as follows:

Introduction to Computers (IUP Number 5796-PCJ)  
Numbering Systems (IUP Number 5796-PCG)

System/370/360 System Concepts and Programming  
- Part I: Concepts (IUP Number 5796-PCK)  
- Part II: Programming (IUP Number 5796-PCL)  
- Part III: System/370 Enhancements (IUP Number 5796-PCN)

Workbook  
////5796-PCL,5796-PHF,5796-PHB

## SH20-1548

HERCULES INCORPORATED RAIL CAR MANAGEMENT SYSTEM - IUP 5796-AFR, DESCRIPTION/OPERATIONS

This manual describes the function, capabilities and system requirements of the Rail Car Management System. Its purpose is to provide sufficient information to enable the reader to determine the applicability and value of the programs for his use.

Manual, 170 pages  
////5796-AFR

## SH20-1549

COST GENERAL, AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES - IUP 5796-AFQ, DESCRIPTION/OPERATIONS

The Cost/General System is a group of application programs that provide the functions of collecting, organizing, allocating, and reporting costs throughout all levels of a public utility. It is a totally integrated system providing both financial information and responsibility reporting by cost centers.

Cost/General was designed and implemented by the San Diego Gas & Electric Co. in San Diego, California. The primary purposes of the system are to provide the management of a public utility with up-to-date, meaningful financial information as an aid in evaluating alternative courses of action, provide effective controls over costs, and monitor the performance of cost centers. The system also provides on a timely basis the information necessary to fulfill the reporting requirements of governmental regulatory agencies and stockholders.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
////5796-AFQ

## SH20-1551

ONLINE TELLER AND TIME DEPOSIT SYSTEM, IUP 5796-AFH, DESCRIPTION/OPERATIONS

Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.

In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.

Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.

A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
////5796-AFH

## SH20-1553

DIRECT MANPOWER PLANNING WITH ASSESSMENT OF RISK - IUP 5796-PDB, DESCRIPTION/OPERATIONS

Direct Manpower Planning with Assessment of Risk is an internally developed IUP which addresses the problem of choosing the least cost manpower plan to accomplish a given amount of work.

The IUP uses mathematical programming to provide optimal staffing plans involving regular employees, new hires, retraining, overtime, subcontracting, etc.

- o Substitutes measurable, objective factors for judgmental considerations in manpower planning.
- o Considers cost of capital and inflation rate, providing a realistic cost picture.
- o Allows combination of up to 25 time periods

- and 10 skill categories.
- o Time periods may be of unequal length and an intermix of days, weeks, months or years.
- o Policy constraints may be placed on overtime, subcontracting, new hires, etc.
- o Prior workload history can be statistically analyzed to aid in future workload projections.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
 ///5796-PDB

Sh20-1555

TELLER AUDIO RESPONSE SYSTEM (USING DOS/CICS & CIF, FDP 5798-AHX) - IUP 5796-AFW, DESCRIPTION/OPERATIONS  
 This manual describes the capabilities of the system and the programs. Record and file layouts are described and primary processing procedures specified.  
 Manual, 24 pages  
 ///5796-AFW

Sh20-1557

TELLER AUDIO RESPONSE SYSTEM USING DOS/CICS AND CIF (FDP 5798-AHX) TERMINAL OPERATORS GUIDE, IUP 5796-AFW  
 This manual describes how to use the "push-button" telephones in conjunction with the Teller Audio Response System. Transactions and functions are defined and a pull-out quick reference guide is also included.  
 Manual, 36 pages  
 ///5796-AFW

Sh20-1560

APPAREL BUSINESS SYSTEM, IUP 5796-AJG, DESCRIPTION/OPERATION  
 The Apparel Business System/370 implements the major functions of an Apparel Manufacturing Company.  
 This manual is the IBM System/370 terminal operator's guide containing terminal operation procedures by application for this product.  
 Manual, 160 pages, 12/75  
 ///5796-AJG

Sh20-1566

THE ENHANCED TWIN FAIR MERCHANDISE PROCESSING SYSTEM - IUP 5796-ADB, DESCRIPTION/OPERATIONS  
 The Twin Fair Merchandise Processing System, installed at Twin Fair Distributors Corporation in Buffalo, New York, is a series of programs that provide the basis for an online, integrated data based retail system. This Merchandise Processing System comprises area common to all retailers, from entry of orders, through the receiving, checking and marking processes, to the entry and approval of invoices for payment. Merchandise Processing is the vital link between a retailer's merchandising system and his store level operations. As such, it is involved with the control of many of the major resources of a retailer - stores, warehouses, distribution centers, inventories, personnel and capital.

Using the power of the System/370 DOS/VS, 3330, the 3270 Information Display System and CICS, the Twin Fair Merchandise Processing System addresses the following application areas; online purchase order entry, online receiving and offline receiving (using OCR turnaround document) online invoice entry and approval, online WAREHOUSE INVENTORY and automatic redistributed hardgoods merchandise.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
 ///5796-ADB

Sh20-1570

PROPERTY AND LIABILITY CLAIMS ENTRY SYSTEM IUP 5796-AGK DESCRIPTION/OPERATION  
 This system is designed to be the complete data entry vehicle for claims and is intended to provide current and complete information on any claim or claimant.  
 This manual contains the System Overview, Installation Instructions, and the Operation Instructions necessary to install and operate the system.  
 Manual, 72 pages, 1/76  
 ///5796-AGK

Lh20-1576

IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) LOGIC MANUAL PROG NO. 5746-XN1 (SYSTEM/370 DOS/VS)  
 Automatically Programmed Tool - Basic Contouring (APT-BC) is a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools.  
 This manual provides detailed information to assist the user in gaining a more thorough knowledge of the programming logic employed in the application.  
 Manual, 140 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Sh20-1577

IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) PROGRAM REFERENCE MANUAL, PROG NO. 5746-XN1 (SYSTEM/370 DOS/VS)

Automatically Programmed Tool - Basic Contouring (APT-BC) is a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools.

This manual provides detailed information on the APT-BC language. Included are language structure and elements, special features, programming systems, system requirements, and appendixes which fully describe all the features of APT-BC.

Manual, 296 pages  
 ///5746-XN1

GH20-1578

IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) GENERAL INFORMATION MANUAL, PROG. NO. 5746-XN1

Automatically Programmed Tool - Basic Contouring (APT-BC) is a symbolic language designed to simplify the preparation of instructions for numerically controlled machine tools.

This manual provides an introduction to this language, briefly describes its structure and syntax, and depicts the system configuration for its support.

Manual, 54 pages  
 ///5746-XN1

SH20-1579

IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) DESIGN AID FOR POSTPROCESSORS (DAPP) PROGRAM REFERENCE MANUAL, PROG. NO. 5746-XN1 (SYSTEM/370 DOS/VS)

This manual is intended to describe the structure and use of the Design Aid for Postprocessors (DAPP).

DAPP is a component part of the Automatically Programmed Tool - Basic Contouring (APT-BC) program product listed above.

Manual, 224 pages  
 ///5746-XN1

SH20-1583

LIFE INQUIRY/DATA ENTRY PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5746-N11

This program product provides 1) creation and maintenance of the CFO policy master file, 2) terminal entry of all CFO transactions, and 3) policy image facilities that exist in the batch daily cycle of CFO II and '62 CFO. This manual provides information essential for persons who define, prepare, and administer the system. The reader must have prerequisite knowledge of his operating system (DOS or OS), CICS or IMS, the 3270 Information Display System, and the logic and operating environment of either CFO II or '62 CFO.

Manual, 174 pages  
 ///5746-N11

SH20-1584

LIFE INQUIRY DATA ENTRY OPERATIONS GUIDE PROG. NO. 5746-N11

This manual presents information required to create, maintain, and execute the Life Inquiry/Data Entry programs. Also included is a terminal operators guide. This manual is to be used by those having responsibility for maintaining this system. Knowledge of the installations operating system (DOS or OS), CICS or IMS, and the 3270 Information Display System is also required.

Manual, 114 pages  
 ///5746-N11

SH20-1585

HEALTH CARE SUPPORT/COORDINATION OF BENEFITS PROGRAMMING RPQ EEE 063) PROGRAM DESCRIPTION/ OPERATIONS MANUAL PROG. NO. 5799-ARK

Health Care Support/Coordination of Benefits is an enhancement to the Health Care Support/Accounting System. It coordinates the insurance benefits of hospital patients covered by two or more health insurance plans, thereby eliminating duplicate coverage. This document describes in detail the modifications made to the programs and operations of the Health Care Support/Accounting System to coordinate the benefits of multiple insurance plans and to assist the customer in installing these modifications.

The basic functional additions are the calculation and billing of estimated total coordinated insurance benefits and the remaining patient or guarantor responsibility. The total benefits of coordinated plans do not exceed the total allowable changes. Parallel or consecutive coordination of benefits may be used. Coordinated plans are billed in priority sequence. The patient bill format is changed to report the calculations and to make the bill easier to understand.

The major items covered in the document are: input and output descriptions, processing descriptions, changes in operating procedures, customer responsibilities and installation aids.

The user should be familiar with the material in the Health Care Support/Accounting System Program Reference Manual (SH20-1494) and the Health Care Support/Accounting System Operations Guide (SH20-1501).

Manual, 56 pages  
 ///5799-ARK

SH20-1586

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) SYSTEM PROGRAMMER'S REFERENCE MANUAL - PROGRAM NOS. 5740-XX3 (OS); 5746-XX4 (DOS/VS)

The Advanced Text Management System (ATMS) consists of control and function programs that direct many text processing activities concurrently through typewriter-like terminals or an information display system attached to an IBM System/370. Operating under control of the IBM CICS/VS Program Products, ATMS runs in a multiprogramming environment. It will run concurrently with, and independently of other applications within the CICS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation, and maintenance of ATMS.

Manual, 115 pages  
 ///5740-XX3,5746-XX4

GH20-1587

PROGRAM CUSTOMIZER FOR THE 3600 FINANCE COMMUNICATION SYSTEM, LIC PROG 5740-F11, 5746-F11, GENERAL INFORMATION  
 Program Customizer for the IBM 3600 is a program product designed to assist the financial institution in preparing processing programs for an IBM 3600 Finance Communication System. User transactions are defined on specification sheets. Information from these sheets, together with 3600 configuration data, is processed to provide transaction processing programs to be stored in an IBM 3600 or 4700 Finance Communication Controller. Provision is made for both online operations with a host IBM System/370 and offline operation. Program Customizer for the IBM 3600 operates under DOS/VS, OS/VS1, or OS/VS2.  
 Manual, 44 pages, 9/81  
 ///5746-F11,5740-F11

SH20-1602

ONLINE LIST MAINTENANCE SYSTEM - IUP 5796-AGT, DESCRIPTION/OPERATIONS

The Online List Maintenance IUP was developed to reduce as much as possible the time-consuming, tedious clerical work associated with maintaining records of subscribers to various periodicals. This online system establishes a record and match code for each subscriber. An order for an additional publication only requires a segment to be appended to the previously created record. The system guides the operator through the process of data entry and error correction. The system requires MICS/370, a Field Developed Program, (5796-ALN) and the facilities of VSAM (5745-SC-VSM). The following online transactions are supported; browsing, add records/segments, change records/segments and drop records/segments. Some examples of system output are Labels (in zip code sequence), ABC report, Zone Analysis Summary and reports by class and type of subscription.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
 ///5796-AGT

SH20-1603

S/370 IMS/VS ONLINE DDA SYSTEM WITH 3270 AND AUDIO RESPONSE BANK OF DELAWARE WILMINGTON, DELAWARE DESCRIPTION/OPERATIONS IUP 5796-AFN

This manual describes the design, function, input and output of the Online Demand Deposit Accounting System as a whole. It is needed to understand the logical flow of the system. It was designed for use by the Demand Deposit Accounting Department personnel.

Manual, 258 pages, 2/76  
 ///5796-AFN

SH20-1604

S/370 IMS/VS ONLINE DDA SYSTEM WITH 3270 AND AUDIO RESPONSE BANK OF DELAWARE WILMINGTON, DELAWARE TELEPROCESSING OPERATORS GUIDE IUP 5796-AFN

This manual contains the functional descriptions and procedures for the transactions of the Online Demand Deposit Accounting System. It describes the inputs and outputs required for each transaction. It can be used as a training guide for the user departments.

Manual, 178 pages, 3/76  
 ///5796-AFN

SH20-1605

DOS/CICS/VS PROOF OF DEPOSIT AND TRANSIT SYSTEM: IUP 5796-AGA DESCRIPTION/OPERATIONS

The Proof of Deposit and Transit System reads check documents on the IM 1419, distributes the documents for rapid clearing and prepares listings of the documents for control. It provides for 3270 handling of rejects.

This manual provides program descriptions, system logic, operating instructions and installation information.  
 Manual, 250 pages  
 ///5796-AGA

SH20-1607

CICS/DOS/VS AND OS/VS INSTALLMENT LOAN CALCULATOR - IUP 5796-AGR, 5796-AGQ, DESCRIPTION/OPERATIONS

The Installment Loan Calculator is an IUP for online use

by credit officers of banks and retail enterprises when making installment loans.

It supplants the use of rate books for fitting payments and percentages to satisfy loan requests.

It operates under CICS for both DOS and OS with 3270 and/or 7770 audio response.

It allows the credit officer to spend more time with the customer and develop an installment loan more closely related to the customer's wishes.

The potential advantages are increased loan business due to more flexible terms, increased yield by inclusion of odd-day interest, reduction of errors by elimination of manual calculations and the replacement of expensive rate books and programmable calculators.

Program 5796-AGQ is for DOS/VS.

5796-AGR is for OS/VS.

The programs can be made to work interchangeably under either system if desired.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
 ///5796-AGQ,5796-AGR

SH20-1608

S/370 AUTOMATED LIFE BILLING AND COLLECTION SYSTEM - IUP 5796-AGL, DESCRIPTION/OPERATIONS

The Automated Life Billing and Collection System is an IUP that interfaces with the Consolidated Functions Ordinary (CFOI) program product to perform the functions of direct billing, pre-authorized checks, salary savings, list billing, government allotments, minimum deposit plans and miscellaneous billing. It also processes loan payments, returned bank drafts, post-dated checks and APL/NFO actions. It consists of 44 Assembler Language programs that can be easily modified to accommodate the needs of the user in performing the billing and collection transactions.

Manual  
 ///5796-AGL

SH20-1609

DOS/CICS/VS COMBINED LOAN SYSTEM FOR USE WITH VANDL-1, IUP 5796-AGG - DESCRIPTION/OPERATIONS

The Mercantile National Bank Combined Loan System is an Installed User Program. It is a multi-bank or multi-branch general purpose loan system designed to meet the varied needs of the small intermediate size commercial banks. The system consists of on-line programs to allow for inquiry and data entry via the 3270 Information Display Station and VANDL-1. It handles the necessary accounting for system is designed to run on System/370 with DOS/VS, CICS/VS and VANDL-1. It handles the necessary accounting for Installment, Commercial and Mortgage Loans with one set of processing programs that provides access to any customers complete loan profile upon request.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual, 178 pages  
 ///5796-AGG

SH20-1612

CICS/DOS ONLINE PAYROLL AND PERSONNEL SYSTEM: FIRST NATIONAL BANK OF MARYLAND, DESCRIPTION/OPERATIONS, IUP 5796-AFX

This manual describes the ANS COBOL modules that operate under CICS/DOS/VS to perform payroll and personnel system functions. Inquiry, data entry and updating are done through 3270 terminals located in the user departments. Batch programs for reporting and backup are included. This manual provides the installation and operating instructions. A User's Manual and a System Guide are also available for the system (SH20-1613 and LY20-2098).

Manual, 386 pages, 5/75  
 ///5796-AFX

SH20-1613

CICS/DOS/VS ONLINE PAYROLL AND PERSONNEL SYSTEM: IUP 5796-AFX, USER'S MANUAL

This manual is for use in conjunction with SH20-1612 for the payroll and personnel system. It describes each 3277 display screen for inquiry or update via access codes. It also describes the card input for the batch backup system. A knowledge of 3275 or 3277 terminal operation is assumed.

Manual  
 ///5796-AFX

SH20-1614

DOS/VS COMMERCIAL LOAN ACCOUNTING SYSTEM FOR BATCH AND ON-LINE OPERATIONS WITH CICS/VS - IUP 5796-AGB DESCRIPTION/OPERATIONS

The CICS/DOS/VS Commercial Loan Accounting System is an IUP for batch and on-line operations of the commercial bank loan portfolio. It was developed and installed by the Commercial National Bank of Kansas City, Kansas. Mr. Bernard J. Ruysser, President, states, "With escalating interest costs, increased loan demand and pressure from stockholders for continued earnings growth, we felt that the computer could be a resource to help us better manage our Commercial Loan Portfolio. The Commercial Loan System was implemented in 1971 and truly proved to be a wise and profitable decision for us. The major advantages we obtained are meaningful



management reports, automatic interest calculation, information on past due notes and elimination of errors in the manual system."

The system performs all basic accounting functions, interest calculation and daily accrual posting, maturity and past-due notices, customer obligation summary reports, participation servicing, and information for evaluating the total portfolio. It provides an interface to the DOS Customer Information File FDP 5798-AHX.

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Manual  
 ///5796-AGB

Sn20-1615

DOS/VS COMMERCIAL LOAN ACCOUNTING SYSTEM FOR BATCH AND ON-LINE OPERATIONS WITH CICS/VS - IUP 5796-AGB, USERS GUIDE  
 This manual is intended for users of the CICS/DOS/VS Commercial Loan Accounting System, an IUP for batch and on-line operations of the commercial bank loan portfolio, developed and installed by the Commercial National Bank of Kansas City, Kansas. Mr. Bernard J. Ruysser, President, states, "With escalating interest costs, increased loan demand and pressure from stockholders for continued earnings growth, we felt that the computer could be a resource to help us better manage our Commercial Loan Portfolio. The Commercial Loan System was implemented in 1971 and truly proved to be a wise and profitable decision for us. The major advantages we obtained are meaningful management reports, automatic interest calculation, information on past due notes and elimination of errors in the manual system."

The system performs all basic accounting functions, interest calculation and daily accrual posting, maturity and past-due notices, customer obligation summary reports, participation servicing, and information for evaluating the total portfolio. It provides an interface to the DOS Customer Information File FDP 5798-AHX.

Manual, 84 pages  
 ///5796-AGB

Sn20-1620

APL ECONOMETRIC PLANNING LANGUAGE IUP 5796-PDW, DESCRIPTION/OPERATION

This manual describes the functional capabilities of the APL Econometric Planning Language program which is designed as an interactive APL based language for econometric modeling and forecasting. The program provides features for dealing with economic variables (primarily time-series), such as a set of functional and economic operators, tabular and graphic display, parameter estimation, model solution and file building. APLSV, PRPQ #WE1191, Program Number 5799-AJF; or APL/CMS, PRPQ #MFZ2608. Program Number 5799-ALK; or VS APL, Program Number 5748-AP1 is required for installation of this program.

This manual is also an installation and operations reference document.

Manual, 74 pages, 6/76  
 ///5796-PLW

Sn20-1633

FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) REFERENCE MANUAL, LIC PROG 5795-AAH, -AAJ

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under the Customer Information Control System/Virtual Storage (CICS/VS). FERST/VS is designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control (EC) provides real-time reporting of every departure and arrival of linehaul equipment. Inquiries and reports provide information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment location.

This manual provides information of interest to persons responsible for the preparation and execution of the FERST/VS Equipment Control (EC) programs for OS/VS and DOS/VS.

Manual, 104 pages  
 ///5795-AAH,5795-AAJ

Sn20-1634

FREIGHT EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL SYSTEM (FERST/VS) LIC PROG 5795-AAH, -AAJ, FILE DESCRIPTION

FERST/VS is an advanced teleprocessing system operating under CICS/VS, designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control (EC) provides real-time reporting of every departure and arrival of linehaul equipment. Inquiries and reports provide information regarding equipment locations and status.

This manual provides information regarding detailed file, record, table and report descriptions for the FERST/VS Equipment Control system.

Manual, 496 pages  
 ///5795-AAH,5795-AAJ

SH20-1635

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) TERMINAL OPERATIONS GUIDE - EQUIPMENT CONTROL PROGRAM NOS. 5795-AAH (OS/VS1); 5795-AAJ (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control (EC) provides real-time reporting of every departure and arrival of linehaul equipment. Inquiries and reports provide information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

This manual provides information regarding message formats and communication terminal operating procedures.

Manual, 119 pages  
 ///5795-AAH,5795-AAJ

SH20-1636

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE - PROGRAM NO. 5795-AAH EQUIPMENT CONTROL (OS/VS1)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control (EC) provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Equipment Control.

Manual, 288 pages  
 ///5795-AAH

SH20-1637

3330, 3333-M11 SUPPORT FOR DOS/VS, PRPQ EF4346 - PROG NO 5799-WHZ, SYSTEMS GUIDE

This manual describes how 3330 Model 1 support has been extended to support Model 11. System and operational considerations as well as installation and support procedures are discussed. This manual and the program directly constitute all the documentation for this support.

Manual, 50 pages, 11/74  
 ///5799-WHZ

SH20-1642

FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG. NO. 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control (EC) provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Equipment Control.

Manual  
 ///5795-AAJ

SH20-1643

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) 3270 WORKBOOK FOR LEARN ATMS

The Advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities concurrently through typewriter-like terminals or information display systems attached to an IBM System/370. Written to operate under the IBM CICS program products, ATMS runs in a multi-programming environment. It will run concurrently with, and independently of, other applications within the CICS environment, as well as tasks in other partitions or regions.

This manual provides the information and complementary exercises for display terminal operators taking the online, self-teaching, LEARN ATMS course.

Manual  
 ///5740-XX3,5746-XX4

SH20-1649

TELECOMMUNICATIONS CONTROL SYSTEM (TCS) PROGRAMMING RPQ EF0378 OPERATIONS GUIDE - PROG 5799-AKL

This manual provides the user of TCS PRPQ EF0378 with information necessary for the operation of the TCS PRPQ product. This programming RPQ is available on special quotation only (see inside front cover). Among the subjects covered in the discussion of day-to-day operations are the execution of the TCS message control program, restart



capabilities, and operator control commands and commands responses. In addition, there is a section describing main storage requirements.

The level of TCS described in this manual functions with TCAM Level 5.  
Manual  
////5799-AKL

Sh20-1652

CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VIS, UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, INSTALLATION GUIDE  
This manual is an installation and operations reference document. It details the procedures to install a CICS/VS system and Corporate Trust and Agency System. This includes data set allocations, CICS modifications, test data generation, catalog procedures and other special considerations. It also provides the operational procedures required to operate the system once it is installed.  
Manual, 8 1/2 x 11 inches, 216 pgs, 6/77  
////5796-AHA

Sh20-1653

CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VIS, UNITED STATES TRUST CO. OF NEW YORK, IUP 5796-AHA TERMINAL OPERATORS GUIDE  
This manual provides detailed information for the terminal operator. It details all transactions to perform transfer, inquiry and maintenance functions, giving system responses and operator instructions on data entry.  
Manual, 8 1/2 x 11 inches, 320 pgs, 6/77  
////5796-AHA

Sh20-1654

CORPORATE TRUST & AGENCY SYSTEM CICS/OS/VIS, UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, OFFLINE MESSAGES & CODES  
This manual lists and explains the messages produced by the offline subsystem. It provides instructions to the system operator on the appropriate action to be taken.  
Manual, 8 1/2 x 11 inches, 36 pgs, 6/77  
////5796-AHA

Sh20-1656

CORPORATE TRUST & AGENCY SYSTEM CICS/OS/VIS REPORTS, IUP 5796-AHA  
This manual contains examples of the major reports produced by the system. It is intended to help prospective users evaluate the system and understand the formats used.  
Manual, 8 1/2 x 11 inches, 36 pgs, 5/77  
////5796-AHA

Sh20-1657

INTRODUCING THE COMPUTER, IUP 5796-PDX, COURSE DESCRIPTION/ADMINISTRATION MANUAL  
This manual is a course description and an installation and administration reference document. The "Introducing ... The Computer" course is designed to teach that group of individuals in a company who come in contact with data processing, its terms, its input and output, but are too far removed to be concerned with the details of programming.  
Students progress at their own rate with guidance by the course. Learning is reinforced by quizzes and review material on the system. Use of this course is dependent upon installation of the Interactive Training System and the appropriate hardware requirements.  
Manual, 6 pages, 10/75  
////5796-PDX

Sh20-1659

CHARGE CONTROL SYSTEM, ST. LUKES HOSPITAL DESCRIPTION/OPERATIONS, IUP 5796-AHB  
This manual describes the Charge Control System that audits lost revenue at St. Lukes' Hospital, the procedure file of all billable services and how to implement the IUP.  
Manual, 176 pages, 3/75  
////5796-AHB

Sh20-1661

INSTALLING HEALTH CARE/SUPPORT ACCOUNTING: LINCOLN GENERAL HOSPITAL, SYSTEMS GUIDE, IUP 5796-AHC  
This manual contains an overview of the Health Care Support Accounting System (5746-114) as installed and implemented at Lincoln General Hospital. It also included descriptions of programs that were added to the System.  
Manual, 186 pages, 4/75  
////5796-AHC

Sh20-1664

LABORATORY DATA MANAGEMENT SYSTEM, IUP 5796-AHD, DESCRIPTION/OPERATIONS  
The Laboratory Data Management System provides the essential capabilities for clinical laboratory management. The system is primarily online and runs under the Customer Information Control System/Virtual Storage (CICS/VS) and the Disk Operating System/Virtual Storage (DOS/VS). System design includes 3277 online display terminals and printers for order entry, result entry, and inquiry functions.  
Laboratory working documents and reports are produced by batch processing.

This manual describes all programs, functions, and installation and operations procedures. File content and user-prepared input for tailoring the system to particular laboratory conditions are explained. The manual is designed to assist laboratory coordinators, systems analysts, programmers, and computer operators. Programming personnel should be familiar with Assembler Language and Programming Language/I (PL/I).  
Manual  
////5796-AHD

SH20-1665

LABORATORY DATA MANAGEMENT SYSTEM, IUP 5796-AHD, TERMINAL OPERATORS GUIDE  
This manual is a combined guide for terminal operations and operating procedures for use with the Laboratory Data Management System. It includes detailed examples of order entry, result entry, and other terminal operations required in the laboratory. The manual describes a possible procedure for maintaining control and flow of tests and sample through the laboratory.

The terminal used is the IBM 3277 Display Station. Since most laboratory personnel have had little prior experience on the 3277, an appendix is included which serves as an introduction to display station operation.  
Manual

////5796-AHD

SH20-1667

TIRE INVENTORY CONTROL SYSTEM, IUP 5796-AHF DESCRIPTION/OPERATIONS  
This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 278 pages  
////5796-AHF

SH20-1668

TIRE INVENTORY ANALYSIS SYSTEM, IUP 5796-AHG DESCRIPTION/OPERATIONS  
This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 300 pages  
////5796-AHG

SH20-1672

NATIONAL CENTRAL BANK DOS/CICS/VS PERSONAL TRUST SYSTEM WITH ON-LINE INQUIRY AND DATA ENTRY FACILITIES, IUP 5796-AHH, DESCRIPTION/OPERATIONS  
National Central Bank's Personal Trust System includes online and batch programs designed to provide on-line inquiry into trust files and on-line data entry of monetary and maintenance activity. Batch functions provide for extensive editing and reporting and daily, weekly, monthly, and other cyclic processing activities. Automated pricing, automated beneficiary check preparation, common fund participant accounting, and daily temporary investment fund accounting are among the facilities provided by the system; automatic generation of transaction descriptions, turnaround transactions, and automatic fee computations are provided where possible.  
This manual describes the various elements of the system, installation procedures, operating procedures and system flow.  
Manual, 8 1/2 x 11 inches, 1,392 pgs, 11/76  
////5796-AHH

SH20-1673

NATIONAL CENTRAL BANK DOS/CICS/VS PERSONAL TRUST SYSTEM WITH ONLINE INQUIRY & DATA ENTRY FACIL, IUP 5796-AHH, USERS GUIDE  
National Central Bank's Personal Trust System includes online and batch programs designed to provide on-line inquiry into trust files and on-line data entry of monetary and maintenance activity. Batch functions provide for extensive editing and reporting on daily, weekly, monthly and other cyclic processing activities. Automated pricing, automated beneficiary check preparation, common fund participant accounting, and daily temporary investment fund accounting are among the facilities provided by the system. Automatic generation of transaction descriptions, turnaround transactions, and automatic fee computations are provided where possible.

This manual describes system facilities from a user department viewpoint. Procedures for on-line operations, transaction coding, and system control are discussed. A glossary of terms and coding definitions is also provided.  
Manual, 8 1/2 x 11 inches, 356 pgs, 10/76  
////5796-AHH

SH20-1675

S/370 IMS/VS ONLINE DDA SYSTEM WITH 3270 AND AUDIO RESPONSE: BANK OF DELAWARE WILMINGTON, DELAWARE, BATCH OPERATORS GUIDE IUP 5796-AFN  
This manual contains the Online Demand Deposit Accounting System flowcharts and descriptions for the batch processing and individual flowcharts for each step. A brief description and resource requirements are given for each step.

This manual is intended for operators who are responsible for the execution of the batch processing.

manual, 88 pages, 3/76  
 ///5796-AFN

Ga20-1677

PSG II/VS GENERAL INFORMATION MANUAL, PROG PROD  
5740-XT3 (OS), 5746-XT1 (DOS), 5748-XT2 (CMS),  
5740-XT5 (TSO)

Planning Systems Generator II Virtual Storage (PSG II/VS) gives the user the means to rapidly produce and evaluate a variety of financial plans. It offers a simple method for organizing planning data, for applying computational logic to the data, and for generating data displays and reports.

PSG II/VS may be applied to the solution of business planning problems for financial management and also for any division or department of a company with a planning function, such as yearly budget, operational or tactical planning for a 2 to 4 year horizon, long range strategic planning extending over a 10 to 15 year horizon, balance sheet projections, cash flow planning, and investment planning and analysis.

It is based on Planning Systems Generator II (PSG II 5734-XT1 and 5736-XT1), but provides greater flexibility and additional capabilities. It also offers a DL/I Data Base Read Feature. This feature adds another dimension to the data input facilities of PSG II/VS.

The PSG II/VS OS/VS and the PSG II/VS DOS/VS programs have the same capabilities. The minimum virtual address space required is 256K bytes for the OS/VS program and 250K bytes for the DOS/VS program.

This manual contains an introduction to PSG II/VS as well as a discussion of its capabilities, usage, required systems, reference material, and sample problem.

Manual  
 ///5740-XT3,5746-XT1,5740-XT5,5748-XT2

Sh20-1678

PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VS)  
OPERATIONS GUIDE - PROG PROD 5746-XT1, 5740-XT3

Planning Systems Generator II Virtual Storage (PSG II/VS) gives the user the means to rapidly produce and evaluate a variety of financial plans. It offers the user a simple method for organizing planning data, establishing computational logic to be applied to the data, and for generating data displays and reports.

PSG II/VS may be applied to the solution of planning problems for financial management and also for any division or department of a company with a planning function such as personnel or manpower allocations, marketing projections, short-range budgeting, etc.

This Operations Guide provides the information needed to install and operate PSG II/VS.

Manual  
 ///5740-XT3,5746-XT1

Sh20-1679

PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE  
(PSG II/VS) REFERENCE MANUAL - PROG. NOS. 5746-XT1,  
5740-XT3

Planning Systems Generator II Virtual Storage (PSG II/VS) gives the user the means to rapidly produce and evaluate a variety of financial plans. It offers a simple method for organizing planning data, for establishing computational logic to be applied to the data, and for generating displays and reports.

PSG II/VS may be applied to the solution of planning problems for financial management and also for any division or department of a company with planning responsibilities such as personnel or manpower allocations, marketing projections, budget planning, etc.

This manual describes the functions provided by PSG II/VS and explains their use. It also includes basic information for writing planning logic programs in the FORTRAN programming language.

Manual  
 ///5740-XT3,5746-XT1

Sh20-1680

FERST/VS FILE DESCRIPTION MANUAL,  
PROG 5795-AAK FREIGHT BILLING (OS/VS1)  
5795-AAL FREIGHT BILLING (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under the Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides online entry and editing of freight bills. System inquiry and reporting create trailer summary manifests, freight bill delivery receipts, invoices, inactive freight reports, and management reports.

This manual provides information regarding detailed file, record, table, and report descriptions for the FERST/VS Freight Billing system.

Manual  
 ///5795-AAK,5795-AAL

Sh20-1681

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/  
VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL  
PROG 5795-AAK FREIGHT BILLING (OS/VS1)  
5795-AAL FREIGHT BILLING (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under the Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides real-time freight bill entry and correction, and online retrieval of freight bill delivery sets and invoices. Management reports provide revenue accounting and biller productivity information.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Freight Billing.

Manual  
 ///5795-AAK,5795-AAL

SH20-1682

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR  
TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE  
PROG 5795-AAK

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under the Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides online entry and editing of freight bills, manifesting, and freight bill delivery functions.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Freight Billing.

Manual  
 ///5795-AAK

SH20-1683

FERST/VS TERMINAL OPERATIONS GUIDE,  
PROG 5795-AAK FREIGHT BILLING (OS/VS1)  
5795-AAL FREIGHT BILLING (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under the Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides online entry and editing of freight bills, manifesting, and freight bill delivery functions.

This manual provides information regarding message formats and communications terminal operating procedures.

Manual  
 ///5795-AAK,5795-AAL

SH20-1684

FREIGHT AND EQUIPMENT REPORTING  
SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS)  
PROG. NO. 5795-AAL FREIGHT BILLING (DOS/VS) OPERATIONS GUIDE

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides online entry and editing of freight bills, manifesting, and freight bill delivery functions.

This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Freight Billing.

Manual  
 ///5795-AAL

SH20-1688

PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION  
SYSTEM (PC/3600) PROGRAM CUSTOMIZER GUIDE PRG PRODS  
5746-F11 (DOS/VS) 5740-F11 (OS/VS)

PC/3600 is a program product designed to assist the financial institution in preparing processing programs for an IBM 3600 Finance Communication System. User transactions are defined on specification sheets. Information from these sheets, together with 3600 configuration data, is processed to provide transaction processing programs to be stored in the IBM 3601 Finance Communication Controller.

Provision is made for both online operations with a host IBM System/370 and offline operation.

Manual  
 ///5740-F11,5746-F11

SH20-1689

PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION  
SYSTEM (PC/3600) PROGRAM REFERENCE MANUAL PRG PRODS  
5746-F11 (DOS/VS) 5740-F11 (OS/VS)

PC/3600 is a program product designed to assist the financial institution in preparing processing programs for an IBM 3600 Finance Communication System. User transactions are defined on specification sheets. Information from these sheets, together with 3600 configuration data, is processed to provide transaction processing programs to be stored in the IBM 3601 Finance Communication Controller.

Provision is made for both online operations with a host IBM System/370 and offline operation.

Manual

////5740-F11,5746-F11

Sh20-1690

PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600) DOS/VS OPERATIONS GUIDE PROG PROD 5746-F11  
PC/3600 is a program product designed to assist the financial institution in preparing processing programs for an IBM 3600 Finance Communication System. User transactions are defined on specification sheets. Information from these sheets, together with 3600 configuration data, is processed to provide transaction processing programs to be stored in the IBM 3601 Finance Communication Controller.  
Provision is made for both online operations with a host IBM System/370 and offline operation.  
Manual  
////5746-F11

SH20-1694

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM SYSTEMS GENERATION AND SAMPLE PROBLEM MANUAL - PROG. NO. 5746-H14  
This publication provides directions for generating the components of the Health Care Support/Accounting System, instructions for running the sample problem, and examples of sample-problem output. The manual also contains a description of the Accounting System Base Program and the Accounting Applications Program feature. The machine-readable material distributed with the system is described, with instructions and guidelines for its use.  
The manual is designed to be used by the systems and operating personnel who are responsible for generating the Health Care Support/Accounting System. The user should have an operating knowledge of the IBM Disk Operating System/Virtual Storage (DOS/VS) and must also be familiar with the Health Care Support/Accounting System Program Reference Manual (SH20-1494) and the Health Care Support/Accounting System Operations Guide (SH20-1501).  
Manual  
////5746-H14

Sh20-1695

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM AND COORDINATION OF BENEFITS, LIC PROG 5746-H14, 5799-AKK, INSURANCE CODING GUIDE  
This guidebook is written for hospital insurance personnel. It is designed to show how to code insurance master plans and insurance verification cards for the Health Care Support/Accounting System (5746-H14), and includes the additions to the coding of verification cards that are required for the Health Care Support/Coordination of Benefits PRPQ (5799-AKK).  
This guidebook explains how the task of insurance coding fits into the Accounting System environment. The Health Care Support/Accounting System Operations Guide is to be used in conjunction with this manual.  
Manual  
////5746-H14,5799-AKK

SH20-1700

PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSGII/VS) DL/I DATA BASE READ FEATURE, USER'S GUIDE - PROG PRODS 5746-XT1 (DOS/VS), 5740-XT3 (OS/VS)  
This User's Guide describes the installation and use of the DL/I Data Base Read Feature of Planning Systems Generator II Virtual Storage (PSGII/VS). This manual should be used in conjunction with the PSGII/VS Program Reference Manual (SH20-1679) and the PSGII/VS Operations Guide (SH20-1678). Some familiarity with the terminology of DL/I DOS/VS (5746-XX1) or IMS/VS (5740-XX2) is assumed.  
Manual  
////5740-XT3,5746-XT1

SH20-1705

LUTHERAN CHURCH IN AMERICA ONLINE LIST MAINTENANCE SYSTEM, IUP 5796-AGT, TERMINAL OPERATOR'S GUIDE  
This manual is intended for the use of the terminal operator who will be interfacing with the Online List Maintenance System. Keys & Indicators, transaction codes, sign-on procedure and maintenance functions are described in this guide.  
Manual, 40 pages, 11/75  
////5796-AGT

Sh20-1706

LUTHERAN CHURCH IN AMERICA ONLINE LIST MAINTENANCE SYSTEM, IUP 5796-AGT, INSTALLATION GUIDE  
This manual describes the procedures used to install and make modifications to the Online List Maintenance IUP.  
Manual, 40 pages, 11/75  
////5796-AGT

Sh20-1711

THE GOODYEAR TIRE & RUBBER CO. FREIGHT BILL AUDIT AND RATING SYSTEM INSTALLATION GUIDE, IUP 5796-AEJ  
This manual is designed to aid in the implementation of this IUP. It contains information on traffic, resources required and the steps to be followed.  
Manual  
////5796-AEJ

SH20-1712

INVESTMENT PORTFOLIO MANAGEMENT SYSTEM, IUP 5796-AHW DESCRIPTION/OPERATIONS  
This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 444 pages  
////5796-AHW

SH20-1713

HEALTH CARE SUPPORT/OS ACCOUNTING SYSTEM, IUP 5796-AHX DESCRIPTION/OPERATIONS  
This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 272 pages  
////5796-AHX

SH20-1714

3270 INTRODUCTION TO COMPUTING  
No abstract available.  
Manual, 28 pages, 12/75  
////5796-PEX,5796-PFD

SH20-1715

NUMBERING SYSTEM FOR 3270, DESCRIPTION/OPERATIONS LIC PROG: 5796-PEZ (COURSEWRITER III) 5796-PFE (INTERACTIVE TRAINING SYSTEM)  
This manual describes the capabilities of the system and the programs. This manual is both a system description and an installation and operation reference document.  
Manual  
////5796-PEZ,5796-PFE

SH20-1717

TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB DESCRIPTION/OPERATION  
This manual describes the function, capabilities and operation of the system. Information is provided on the overall system flow as well as the function of each program. Record and file layouts are also described. This manual is both a system description and an installation and operations reference document.  
Manual, 96 pages, 1/76  
////5796-AJB

SH20-1719

OS/VS1 OPERATOR TRAINING EXERCISES IUP 5796-PFA, DESCRIPTION/OPERATIONS  
This manual is a course description and an installation and administration reference document.  
MANUAL, 12 pages, 10/75  
////5796-PFA

SH20-1723

APPAREL BUSINESS SYSTEM, IUP 5796-AJG, DESCRIPTION/OPERATION  
The Apparel Business System/370 implements the major functions of an Apparel Manufacturing Company.  
This manual contains systems implementation procedures for this product including: Systems Generation Procedures, the Sample Problem and Guidance for Implementing a Production System.  
Manual, 350 pages, 12/75  
////5796-AJG

SH20-1724

INTRODUCING THE COMPUTER, IUP 5796-PBX  
These materials are to be used by the student while taking the course at the terminal.  
Manual, 212 pages, 11/75  
////5796-PDX

SH20-1725

APPAREL BUSINESS SYSTEM, IUP 5796-AJG, DESCRIPTION/OPERATION  
The Apparel Business System/370 implements the major functions of an Apparel Manufacturing Company.  
This manual is the IBM System/370 computer operator's guide containing catalogued procedures and program run sheets.  
Manual, 530 pages, 12/75  
////5796-AJG

SH20-1728

HIPODRAW, IUP 5796-PFF, DESCRIPTION/OPERATIONS  
HIPODRAW is a program that generates HIPO (Hierarchy plus Input-Process-Output) and visual table of contents diagrams. HIPODRAW can process user input submitted in batch mode under DOS/VS or OS/VS or in interactive mode with TSO or VM/370 CMS. The desired diagrams are produced on an IBM 1403 or IBM 3211 Printer.  
This publication is both a system description and an installation and operations reference document. Installation guidelines and operating instructions are provided in addition to the program description and sample problem.  
Manual, 36 pages, 6/76  
////5796-PFF

Sh20-1736

PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600)  
OS/VS OPERATIONS GUIDE - PROG PROD 5740-F11  
 PC/3600 is a program product designed to assist the financial institution in preparing processing programs for an IBM 3600 Finance Communication System. User transactions are defined on specification sheets. Information from these sheets, together with 3600 configuration data, is processed to provide transaction processing programs to be stored in the IBM 3601 Finance Communication Controller.  
 Provision is made for both online operations with a host IBM System and offline operation.  
 Manual  
 ///5740-F11

Sh20-1738

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)  
 Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Rating /Rate Audit.  
 Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides information of interest to persons responsible for the preparation and execution of FERST/ VS Rating/Rate Audit.  
 Manual, 64 pages  
 ///5795-AAM

Sh20-1739

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)  
 Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides information of interest to persons responsible for preparation and execution of FERST/VS rating/Rate Audit.  
 Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides information of interest to persons responsible for the preparations and execution of FERST/VS Rating/Rate Audit.  
 Manual, 86 pages  
 ///5795-AAM

Sh20-1740

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG 5795-AAM RATING/RATE AUDIT (OS/VS1)  
 Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides information of interest to persons responsible for the preparation and execution of FERST/VS Rating/Rate Audit.  
 Manual  
 ///5795-AAM

SH20-1741

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) TERMINAL OPERATIONS GUIDE PROG 5795-AAM RATING/RATE AUDIT (OS/VS1)  
 Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information. FERST/VS Rating/Audit allows a user to apply rates to freight bills via terminals. Rated bills are automatically selected (based on user-defined weight or revenue values) for auditing of the applied rates.  
 This manual provides information regarding formats and communication terminal operating procedures.  
 Manual  
 ///5795-AAM

SH20-1742

SYSTEM/370 ENERGY MANAGEMENT SYSTEM REFERENCE, PROG 5740-U11  
 This publication provides data about the functions and operation of the System/370 Energy Management System. The intended audience includes user programmers and engineers, as well as IBM systems engineers, salesmen, and support center personnel.  
 Manual  
 ///5740-U11

SH20-1743

SYSTEM/370 ENERGY MANAGEMENT SYSTEM OPERATIONS GUIDE PROG 5740-U11  
 This publication provides information about the computer operations of the IBM System/370 Energy Management System. The audience includes user computer operators and programmers, as well as IBM systems engineers and support center personnel.  
 Manual  
 ///5740-U11

SH20-1747

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) FILE DESCRIPTION PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)  
 Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides detailed information concerning files, data queues, tables, and reports for FERST/VS Rating/Rate Audit.  
 Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.  
 FERST/VS Rating/Rate Audit provides the ability to apply and audit freight rates on freight bills at any location in the computer network system equipped with an IBM 3270 Visual Display Station.  
 This manual provides detailed information concerning files, data queues, tables, and reports for FERST/VS Rating/Rate Audit.  
 Manual, 52 pages  
 ///5795-AAM

SH20-1750

PANEL - A LINE ART TECHNIQUE IUP 5796-PFJ, DESCRIPTION/OPERATIONS  
 Panel is an APL program that combines with a vector graphic display terminal to provide a useful tool for drawing line art. This guide how to use and install Panel.  
 Manual, 56 pages, 11/76  
 ///5796-PFJ

SH20-1758

IMS/VS MASTER TERMINAL OPERATOR COURSE IUP 5796-PFN, DESCRIPTION/OPERATIONS  
 This manual is a course description and an installation and administration reference document.  
 Manual, 4 pages, 12/75  
 ///5796-PFN

SH20-1759

IMS/VS MASTER TERMINAL OPERATOR COURSE IUP 5796-PFN, DESCRIPTION/OPERATIONS  
 This Study Text should be available to the student while taking the course.  
 Manual, 76 pages, 12/75  
 ///5796-PFN

SH20-1760

IMS/VIS MASTER TERMINAL OPERATOR TRAINING IUP 5796-PFN,  
DESCRIPTION/OPERATIONS  
This Student Workbook is required by students when taking the course.  
Manual, 56 pages, 12/75  
////5796-PFN

System/360 Bill of Material Processor. An appendix contains directions for conversion from the System/360 Bill of Material Processor (360A-ME-06X).  
Manual, 420 pgs, 9/76  
////5736-XX4

SH20-1767

LUTHERAN CHURCH IN AMERICA ONLINE MAINTENANCE SYSTEM,  
IUP 5796-AJH, INSTALLATION GUIDE  
This manual describes the procedures used to install and make modifications to the Online List Maintenance IUP.  
Manual  
////5796-AJH

SH20-1784

HOSPITAL PAYROLL MANAGEMENT SYSTEM, IUP 5796-AJQ  
DESCRIPTION/OPERATIONS  
This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 580 pgs  
////5796-AJQ

SH20-1768

NUMBERING SYSTEM FOR S/370 IUPS 5796-PEZ, 5796-PFA,  
DESCRIPTION/OPERATIONS  
This publication describes the objectives of the course, materials required, course structure, course operation and the quiz questions and answers.  
Manual, 30 pages, 11/75  
////5796-PEZ, 5796-PFA

SH20-1786

STATUTORY/GAAP VALUATION SYSTEM, IUP 5796-AJR,  
DESCRIPTION/OPERATIONS  
The purpose of this manual is to provide the user with sufficient information to understand, install and successfully use this program.  
This installed user program is intended for use in the insurance industry. It calculates statutory and GAAP reserves and premium items and details on policy values for year end and interim valuation. The product consists of 32 programs written in COBOL/VS and operating under DOS/VS.  
Manual, 8 1/2 x 11 inches, 386 pgs, 10/76  
////5796-AJR

SH20-1771

3270 INTRODUCTION TO COMPUTERS QUIZ  
No abstract available.  
Manual, 12 pages, 11/75  
////5796-PFD, 5796-PEY

SH20-1788

ONLINE APPLICATION SIMULATION MACROS, IUP 5796-AJZ  
DESCRIPTION/OPERATIONS  
This program Description/Operations Manual is written for the Interactive Training System authors and supervisors so that they may understand the use and benefits of the new FILD/SUM macros.  
Manual, 16 pages, 2/76  
////5796-AJZ

SH20-1776

DBOMP REFERENCE, VOLUME I: DESCRIPTION, PROG 5736-XX4  
The System/360 Data Base Organization and Maintenance Processor is a programming system designed to create, maintain, and reorganize the central data base in a multiapplication environment. It provides the framework for a computer-oriented information system. Primarily batch-oriented, the system operates under DOS/360 or DOS/VS.

This manual provides an overview of the system and specifies the functions, options, and features included in the system. Because of the data processing orientation of the manual, the primary audience includes systems analysts and programmers.

This manual contains three major sections:  
1. Description of the data base organization  
2. Discussion of the programs and functions  
3. System requirements

Manual  
////5736-XX4

SH20-1792

PRINTTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, WORKSHEETS  
BOOKLET  
The PRINTTEXT/370 system provides for high quality typesetting and text corrections for the commercial printer, newspaper, book and magazine publishers in an environment that allows the daily data processing activities to run concurrently on the same System/370. This Programming RPQ is available on special quotation only (see Inside Front Cover).  
Executing under the IBM Disk Operating System with Virtual Storage (DOS/VS), PRINTTEXT/370 supports a variety of input/output devices as well as the System/7 for the job input and output.

This booklet contains worksheets to be used in preparation for creation of the PRINTTEXT/370 system and processing tables. The worksheets may be reproduced by the user as needed.

Manual  
////5799-ALR

SH20-1777

SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE  
PROCESSOR REFERENCE VOLUME II: APPLICATION PROGRAMMING,  
LIC PROG 5736-XX4  
The System/360 Data Base Organization and Maintenance Processor is a programming system designed to create, maintain, and reorganize the central data base in a multiapplication environment. It provides the framework for a computer-oriented information system. Primarily batch oriented, the system operates under DOS/360 or DOS/VS.

This manual describes how to write maintenance and retrieval programs using the Data Base Organization and Maintenance Processor access facilities. It is intended for COBOL, PL/I, or assembler language programmers who wish to write maintenance or retrieval programs.

This manual contains four major sections: (1) a description of data base maintenance programming, (2) a description of data base retrieval programming, (3) a description of the macro facilities for data base access, and (4) a discussion of product structure considerations and retrieval.

Manual, 44 pgs, 11/76  
////5736-XX4

SH20-1793

PRINTTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, USER'S GUIDE  
FOR SYSTEM/7 SUPPORT  
The PRINTTEXT/370 system provides for high quality typesetting and text corrections for the commercial printer, newspaper, book, and magazine publishers, in an environment that allows the daily data processing activities to run concurrently on the same System/370. This programming RPQ is available on special quotation only (see inside front cover).

PRINTTEXT/370 supports one or more IBM System/7s attached to a channel of the host System/370. The System/7 is used as a concentrator for multiple input and output devices associated with PRINTTEXT/370.

This publication describes the relationship between the host system and the System/7, provides the instructions needed to operate the System/7, and outlines the procedures used to generate the support.

Manual  
////5799-ALR

SH20-1778

SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE  
PROCESSOR, REFERENCE VOLUME III: INSTALLATION GUIDE,  
LIC PROG 5736-XX4  
The System/360 Data Base Organization and Maintenance Processor is a programming system designed to create, maintain, and reorganize the central data base in a multi-application environment. It provides the framework for a computer-oriented information system. Primarily batch-oriented, the system operates under DOS/360 or DOS/VS. This manual provides information necessary for implementation. The primary audience includes systems analysts, systems programmers, and application programmers who have the responsibility for implementation of the system.

This manual contains five major sections:  
1. a discussion of the system installation approach  
2. a discussion of procedures for system generation and system maintenance  
3. a description of how to customize the system to meet user requirements  
4. a discussion of user programming considerations  
5. a description of reliability, audit, control, and reconstruction procedures.  
This program is a modified and extend version of the

SH20-1794

PRINTTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, REFERENCE  
The PRINTTEXT/370 system provides for high quality typesetting and text corrections for the commercial printer, newspaper, book, and magazine publishers, in an environment that allows the daily data processing activities to run concurrently on the same System/370. This programming RPQ is available on special quotation only (see inside front cover).

Executing under the IBM Disk Operating System with Virtual Storage (IBM DOS/VS), PRINTTEXT/370 supports a variety of input/output devices, as well as the IBM System/7 for job input and output.

This publication includes descriptions of the PRINTTEXT/370 system functions, the information needed to create and load the system files, and the information needed to create and load the system files, and the information for generating the device modules associated with a particular typesetting device.

Manual

////5799-ALR

Sh20-1795

PRINTTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, OPERATIONS  
The IBM PRINTTEXT/370 system provides for high quality typesetting and text corrections for the commercial printer, newspaper, book, and magazine publishers, in an environment that allows the daily data processing activities to run concurrently on the same IBM System/370. This programming RPQ is available on special quotation only (see inside front cover).

Executing under the IBM Disk Operating System with Virtual Storage (IBM DOS/VS), PRINTTEXT/370 supports a variety of input/output devices, as well as the IBM System/7 for job input and output.

This publication includes the information necessary to execute and control the PRINTTEXT/370 system.

Manual  
////5799-ALR

Sh20-1796

PRINTTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, TEXT CONTROL/COMPOSITION LANGUAGE GUIDE

The PRINTTEXT/370 system provides for high quality typesetting and text corrections for the commercial printer, newspaper, book, and magazine publishers, in an environment that allows the daily data processing activities to run concurrently on the same System/370.

Executing under the IBM Disk Operating System with Virtual Storage (IBM DOS/VS), PRINTTEXT/370 supports a variety of input/output devices, as well as the IBM System/7 for job input and output.

This publication includes the necessary information for persons responsible for markup and keying to have text entered, corrected, and composed for typesetting by the PRINTTEXT/370 system.

Manual  
////5799-ALR

Sh20-1797

FUNDAMENTALS OF FLOWCHARTING, IUP 5796-PFY, COURSE DESCRIPTION AND ADMINISTRATION

This manual is a course description and an installation and administration reference document.

Manual, 24 pages  
////5796-PFY

Sh20-1806

APL FORECASTING AND TIME SERIES ANALYSIS, IUP 5796-PFX, DESCRIPTION/OPERATIONS

This manual describes the functional capabilities of the APL Forecasting Program package, using Time Series Analysis according to the methods developed by Box and Jenkins.

It contains a general overview and definitions, as well as a number of illustrations from the fields of business, economics, and engineering.

This manual also provides documentation for installation and operations.

Manual, 126 pages, 12/75  
////5796-PFX

Sh20-1807

APL FORECASTING AND TIME SERIES ANALYSIS, IUP 5796-PFX, DESCRIPTION/OPERATIONS

This manual discusses and extends the techniques by Box and Jenkins, used by the program package.

It is written for an individual with a background in statistics.

Terminal examples are included to illustrate the capabilities of the program package.

This manual also provides documentation for installation and operations.

Manual, 76 pages, 12/75  
////5796-PFX

Sh20-1820

3661 FILE CREATION PROGRAM, IUP 5796-PFZ, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This manual describes the capabilities of the program and the means by which the user controls the building of 3660 Supermarket Key Entry System files to be transmitted to the 3661 store controller. Design assumptions and potential modification areas are discussed. Record and file layouts are described and primary processing procedures specified. The manual is both a program description and an installation and operations reference document.

Manual, 98 pages  
////5796-PFZ

Sh20-1821

HIPODRAW, IUP 5796-PFF, USERS GUIDE

HIPODRAW is a program which generates HIPO (Hierarchy plus Input-Process-Output) diagrams and Visual Table Of Contents (VTOC) diagrams. The desired diagrams are produced on an IBM 1403 or IBM 3211 Printer. HIPODRAW can process user input submitted in batch mode under DOS/VS or OS/VS, or in

interactive mode with TSO or VM/370 CMS.

This manual describes how a user will interface to the HIPODRAW system. It describes the operating instruction syntax completely as well as by diagnostic messages (error, information, and warnings). Two original HIPO diagrams along with appropriate input to HIPODRAW and the resulting machine-drawn HIPO diagrams are provided as examples, along with a visual table of contents (VTOC) example.

This manual is a User Reference document.

Manual  
////5796-PFF

SH20-1823

TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 REFERENCE

This manual contains basic information on the functions provided by TPNS as well as instructions for installation and operation. The document is designed to provide a ready reference to be used during installation and while the program is actually being executed. Information provided in the manual includes operating environment, installation procedures, execution instructions, console operator's guide, and diagnostic messages.

Manual  
////5740-XT4

SH20-1824

TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 BASE LANGUAGE GUIDE

This manual provides the user information necessary for building simulation networks using the base scripting language of TPNS. Included in this manual are the general rules for coding in the base language, the actual language command cards and their valid operands, numerous network examples, and device dependent considerations for the terminals simulated using the base scripting language.

Manual  
////5740-XT4

SH20-1825

TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 ADVANCED LANGUAGE GUIDE

This manual provides the user information necessary for building simulation networks using the advanced scripting language of TPNS. The document outlines the rules to be followed when coding a network, discusses all commands available for use in the language, and provides numerous network examples. A section is also provided on special considerations to be used during network definition.

Manual  
////5740-XT4

SH20-1826

PROGRAM CUSTOMIZER FOR THE 3600 FINANCE COMMUNICATION SYSTEM (PC/3600), LIC PROG 5746-F11, 5740-F11, WORKSHEETS & SPECIFICATION SHEETS

Includes master copies for reproduction of worksheets and specification sheets used with PC/3600. Enough copies of the forms should be reproduced to meet the needs of the user; the master copies should be retained to meet future needs.

Use of the forms is described in the PC/3600 Program Customizer Guide, SH20-1688.

Manual  
////5746-F11, 5740-F11

SH20-1828

PSG II/VS-CMS DESCRIPTION/OPERATIONS, LIC PROG 5748-XT2

This publication describes the Planning Systems Generator II for Virtual Storage operating under Conversational Monitor System (PSG II/VS-CMS). It contains information on the interactive facilities, installation, and other reference material.

Manual, 72 pgs, 7/76  
////5748-XT2

SH20-1829

PSG II/VS-TSO DESCRIPTION/OPERATIONS, LIC PROG 5740-XT5

This publication describes the Planning Systems Generator II for Virtual Storage operating under Time Sharing Option (PSG II/VS-TSO). It contains information on the interactive facilities, installation, and other reference material.

Manual, 72 pgs, 8/76  
////5740-XT5

SH20-1830

PRINTTEXT/370-CLASSIFIED, LIC PROG 5799-ALQ PRPQ EF3413 CLASSIFIED ADS REFERENCE/LANGUAGE

PRINTTEXT/370 - CLASSIFIED PROVIDES CLASSIFIED ADS PROCESSING, storage, and dumping, in conjunction with the typesetting and text correction facilities of the PRINTTEXT/370 system. This programming RPQ is available on special quotation only (see inside front cover).

PRINTTEXT/370 - Classified requires the PRINTTEXT/370 system executing under the IBM Disk Operating System with Virtual Storage (IBM DOS/VS). PRINTTEXT/370 supports a variety of input/output devices, as well as the IBM System/7 for job input and output.

This publication includes information related to the

creation of classified ads control tables and ad processing, including the commands and controls required for ad entry, storage, and dumping.  
Manual  
////5799-ALQ

SH20-1831

FINANCIAL SERVICES TERMINALS SUPPORT, LIC PROG 5799-AR PRPO P09004, DESCRIPTION/OPERATIONS  
This Program Description/ Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
Manual, 126 pages  
////5799-ARD

GH20-1832

STORAGE & INFORMATION RETRIEVAL SYSTEM FOR DOS/VS (STAIRS/DOS/VS), LIC PROG 5746-XR4, GENERAL INFORMATION  
The STAIRS/DOS/VS system provides for the storage and retrieval of a large variety of free-form text and documentation items. Using the online retrieval facility AQUARIUS, searching of the data base and display of the results is readily accomplished.  
STAIRS/DOS/VS uses the facilities of the IBM CICS/DOS/VS program product, under control of the DOS/VS operating system in a System/370. It runs concurrently with, and independently of, other CICS/DOS/VS application programs.  
This publication contains a general description of the STAIRS/DOS/VS facilities, and the information needed to plan for installation of the system.  
Manual  
////5746-XR4

SH20-1835

PRINTTEXT/370 - CLASSIFIED (PROGRAMMING RPQ EF3413) CLASSIFIED ADS INSTALLATION/OPERATION GUIDE PROG 5799-ALQ  
PRINTTEXT/370 - CLASSIFIED provides classified ads processing, storage, and dumping, in conjunction with the typesetting and text correction facilities of the PRINTTEXT/370 system. This programming RPQ is available on special quotation only.  
PRINTTEXT/370 - Classified requires the PRINTTEXT/370 system executing under the IBM Disk Operating System with Virtual Storage (IBM DOS/VS). PRINTTEXT/370 supports a variety of input/output devices, as well as the IBM System/7 for job input and output.  
This publication includes the information needed to install and execute PRINTTEXT/370 - Classified in the PRINTTEXT/370 environment.  
Manual  
////5799-ALQ

SH20-1838

SVS PERFORMANCE TOOL (SVSPT), IUP 5796-PGN, DESCRIPTION/OPERATIONS  
SVSPT is a software monitor that measures the performance of an existing IBM System/370 running OS/VS2. It uses both statistical sampling and event counting to record selected system status information. At requested intervals, hardware and software performance reports are generated and placed on an output data set. Subsequently, reports can be selected to evaluate overall performance during the entire monitoring period or to analyze in detail any specific areas of concern.  
This manual describes the capabilities of SVSPT and provides the information required to install and effectively use the programs.  
Manual, 8 1/2 x 11 inches, 124 pgs, 6/77  
////5796-PGN

SH20-1840

INTRODUCTION TO THE METRIC SYSTEM, IUP 5796-AKQ, COURSE DESCRIPTION/APPLICATION MANUAL  
This manual is a course description and installation and administration reference document.  
Manual, 8 1/2 x 11 inches, 18 pgs, 4/77  
////5796-AKQ

SH20-1841

APL STATISTICAL LIBRARY, IUP 5796-PGQ, -PHW, DESCRIPTION/OPERATIONS  
This manual describes the functional capabilities of the APL Statistical Library.  
It contains a general overview, as well as a number of illustrations from areas involved in statistical analysis.  
This manual also provides documentation for installation and operation.  
Manual, 8 1/2 x 11 inches, 8 pgs, 12/76  
////5796-PGQ, 5796-PHW

SH20-1843

MERCANTILE NATIONAL BANK DOS CICS/VS 1.1.1 COMBINED LOAN SYSTEM FOR USE WITH DL/I-ENTRY 1.0, IUP 5796-AKR, DESCRIPTION/OPERATIONS  
Mercantile National Bank Combined Loan System is a set of on-line and batch programs designed to combine into one package the commercial, installment and mortgage loan processing for banks. It handles most types of loan offerings that the banks negotiate. One of the objectives

was to make the system as easy as possible for the loan department to use. The system is designed to operate in either a single bank, a multi-bank or multi-branch environment.

This manual describes the programs of the system, its requirements for installation, user's procedures, and operating procedures.  
Manual, 8 1/2 x 11 inches, 148 pgs, 11/76  
////5796-AKR

SH20-1845

CICS/DOS/VS PROOF OF DEPOSIT AND TRANSIT SYSTEM ENHANCEMENT, IUP 5796-AKT, DESCRIPTION/OPERATION  
The purpose of this manual is to provide the user with sufficient information to understand, install and successfully use this program.  
This CICS/DOS/VS IUP offers the following enhancements to the prerequisite IUP 5796-AGA, The Houston National Bank Proof of Deposit and Transit System.  
o Master Capture List - printed after the All Items File is balanced.  
o Capture/Item Number printed on cash letters makes research easier.  
o All reports have been made to print columnar.  
o Full field capture allows the maximum characters in each field of the check to be captured.  
o Usability enhancements make modification and Manual  
////5796-AKT

SH20-1847

ENGLISH COMMUNICATION SKILLS (COMSKL/CAI), IUP 5796-AKX, TERMINAL REFERENCE GUIDE  
This manual is a student guide providing reference information on how to use COMSKL/CAI.  
Manual, 8 1/2 x 11 inches, 100 pgs, 12/76  
////5796-AKX

SH20-1848

ENGLISH COMMUNICATION SKILLS (COMSKL/CAI), IUP 5796-AKX, INSTRUCTOR'S GUIDE  
This manual provides the instructional manager with detailed information about the COMSKL/CAI course illustrating what it can do in the student environment and how to do those things.  
Manual, 8 1/2 x 11 inches, 112 pages, 12/76  
////5796-AKX

SH20-1849

ENGLISH COMMUNICATIONS SKILLS COMSKL/CAI, IUP 5796-AKX, DESCRIPTION/OPERATIONS: FOX VALLEY TECHNICAL INSTITUTE  
This manual describes COMSKL/CAI internals and provides information for the installation and operation of this course.  
Manual, 8 1/2 x 11 inches, 53 pgs, 4/77  
////5796-AKX

SH20-1850

ENGLISH COMMUNICATIONS SKILLS COMSKL/CAI, IUP 5796-AKX, FOX VALLEY TECHNICAL INSTITUTE LEARNING MATERIALS  
This manual contains learning materials which may be used to meet reference or study needs of students taking this course.  
Manual, 8 1/2 x 11 inches, 568 pgs, 11/76  
////5796-AKX

SH20-1853

COMPUTER CONCEPT CURRICULUM FOR 3270, IUP 5796-PHA, B, C, E, F, G DESCRIPTION/OPERATIONS  
This book is both a system description and installation and operations reference document for the following Coursewriter III and Interactive Training System courses.  
PROGRAM NAME AND NUMBER:  
System 370/360 Concepts and Programming  
Part I: Concepts  
a: Coursewriter III 5796-PHA  
b: Interactive 5796-PHE  
Training System  
Part II: Programming  
a: Coursewriter III 5796-PHB  
b: Interactive 5796-PHF  
Training System  
Part III: System 370 Enhancements  
a: Coursewriter III 5796-PHC  
b: Interactive 5796-PHG  
Training System  
Manual, 8 1/2 x 11 inches, 32 pgs, 12/76  
////5796-PHA, 5796-PHE, 5796-PHC, 5796-PHB, 5796-PHG, 5796-PHF

SH20-1859

TERMINAL USERS GUIDE STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, IUP 5796-PHH, PHJ  
This Basic Stockholder Records and Stock Transfer System and the Dividend System contain the online portions of the Stockholder Transaction Online Control System which utilizes the facilities of CICS/VS. The purpose of this manual is to assist the terminal user in working with the system.  
Terminal operations procedures, commands and screens are explained.  
Manual, 8 1/2 x 11 inches, 336 pgs, 3/77



////5796-PHH,5796-PHJ

SH20-1860

MASTER TERMINAL GUIDE, IUP 5796-PHH, -PHJ, STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM  
The Basic Stockholder Records and Stock Transfer System and the Dividend System contain the online portions of the Stockholder Transaction Online Control System which utilizes the facilities of CICS/VS. This manual provides an explanation of the functions that are to be performed by the master terminal operator in the use and control of these transaction systems.  
Manual, 8 1/2 x 11 inches, 28 pgs, 4/77  
////5796-PHH,5796-PHJ

GH20-1861

TREND ANALYSIS/370 - PROG PRODS 5740-F12 AND 5707-F12 GENERAL INFORMATION  
This manual describes the Trend Analysis/370 Program Product and its System/7 Color Graphics Support Feature.  
Trend Analysis/370 is an easy-to-use, interactive IMS/VS based computer application designed to allow presentation of time series data in tabular report form on an IBM 3270 Information Display System or graphically on a color television monitor. Time series numerical data either from an organization's internal systems or from the external environment can be formatted and stored for use by the system. Data retrieval and display can be customized to make the actual use of the information as simple and meaningful as possible.  
This manual contains general information which:  
o Provides an overview of the application area and describes the facilities included in the program  
o Enables a potential user to determine whether the program would be useful to him  
o Enables basic plans for implementation of the program to be made.  
Manual, 32 pages, 6/76  
////5740-F12,5707-F12

SH20-1866

INSTRUCTOR'S GUIDE FOR STATISTICS AND TESTS AND MEASUREMENTS, IUP 5796-ALC  
This publication is for the statistics instructor with guidelines on the use of these computer modules in the instructor's course.  
Manual, 8 1/2 x 11 inches, 48 pgs, 1/77  
////5796-ALC

SH20-1867

STUDENT GUIDE AND WORKBOOK FOR STATISTICS AND TESTS AND MEASUREMENTS, IUP 5796-ALC  
This publication is for the student of statistics who is taking this course in connection with a class or as a review.  
Manual, 8 1/2 x 11 inches, 52 pgs, 1/77  
////5796-ALC

SH20-1868

STATISTICS AND TEST AND MEASUREMENTS, IUP 5796-ALC, DESCRIPTION/OPERATIONS  
This manual is both a system description and an installation and operations reference document for this course.  
Manual, 8 1/2 x 11 inches, 56 pages, 12/76  
////5796-ALC

SH20-1869

INSTRUCTOR'S GUIDE FOR SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD  
This publication is for the mathematics instructor with guidelines on the use of these computer modules in the instructor's course.  
Manual, 8 1/2 x 11 inches, 36 pgs, 12/76  
////5796-ALD

SH20-1870

STUDENT GUIDE AND WORKBOOK FOR SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD  
This publication is for the student of mathematics who is taking this course.  
Manual, 8 1/2 x 11 inches, 36 pgs 12/76  
////5796-ALD

SH20-1871

SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD, DESCRIPTION OPERATIONS  
This manual is both a system description and an installation and operations reference document for this course.  
Manual, 8 1/2 x 11 inches, 56 pgs, 12/76  
////5796-ALD

SH20-1876

CICS/DOS/VS PROOF OF DEPOSIT AND TRANSIT SYSTEM 3890 FEATURE, IUP 5796-AKW, DESCRIPTION/OPERATION  
The purpose of this manual is to provide the user with sufficient information to understand, install and successfully use the program.  
This IUP will allow one 3890 to run under CICS/DOS/VS.

Microfilming, item numbering, endorsing, and merge feed are supported. The 3890 image processing capability is used for document flow control through the system. The 1419 is used to provide backup for the 3890.

Prerequisites to this program are:  
o The Houston National Bank Proof of Deposit and Transit System - IUP 5796-AGA  
o Enhancements - IUP 5796-AKT  
o 3890 DOS/VS Application/Installation Support - FDP 5798-BDC  
o 3890 DOS/VS Offline Fine Sort - FDP 5798-CFD  
o DOS/VS Sort/Merge - 5746-SM1  
o Customer Information Control System for DOS/VS 5746-XX3  
Manual  
////5796-AKW

SH20-1884

3890 STATEMENT PREPARATION SORT: MERCANTILE SAFE DEPOSIT AND TRUST COMPANY, IUP 5796-ALP, DESCRIPTION/OPERATIONS  
The purpose of this manual is to provide the user with sufficient information to understand, install and successfully use this program.  
Manual, 8 1/2 x 11 inches, 36 pgs, 1/77  
////5796-ALP

SH20-1888

ACTION CENTER SUPPORT SYSTEM IUP FOR CICS/OS/VS (5796-ALZ), FOR CICS/DOS/VS (5796-ALY), DESCRIPTION/OPERATIONS  
This manual describes the capabilities of the system and the programs. Discussion of design assumptions and potential modification areas are included. Record and file layouts are described and primary processing procedures specified. This manual is both a system description and an installation and operations reference document.  
Manual, 8 1/2 x 11 inches, 72 pgs, 1/77  
////5796-ALY,5796-ALZ

GH20-1891

ATMS II GENERAL INFORMATION, PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS)  
The Advanced Text Management System (ATMS-II) consists of control and functional programs that direct many text processing activities concurrently through keyboard-printer terminals or information display systems attached to an IBM System/370. Operating under control of the IBM CICS/VS program products, ATMS-II runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This publication contains a general description of the features of the program, an indication of some of the areas in which it may be applied, and the machine configuration required.  
Manual, 36 pages, 7/76  
////5740-XXV,5746-XXG

SH20-1892

ADVANCED TEXT MANAGEMENT SYSTEM-II (ATMS-II) REFERENCE MANUAL - PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS)  
The Advanced Text Management System-II (ATMS-II) consists of control and function programs that direct many text processing activities concurrently through keyboard-printer terminals or an information display system attached to an IBM System/370. Operating under control of an IBM CICS/VS Program Product, ATMS-II runs in a multiprogramming environment. It will run concurrently with, and independently of other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation, and maintenance of ATMS-II.  
Manual, 8 1/2 x 11 inches, 140 pgs, 10/76  
////5740-XXV,5746-XXG

SH20-1893

ATMS-II, PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS) TERMINAL OPERATOR'S GUIDE  
The Advanced Text Management System-II (ATMS-II) consists of control and functional programs that direct many text processing activities concurrently through keyboard-printer terminals or information display systems attached to an IBM System/370. Written to operate under an IBM CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons involved with terminal and display operations. These persons include: terminal operators, privileged terminal operators, terminal supervisors, control terminal operators, display terminal operators, and system administrators.  
Manual, 8 1/2 x 11 inches, 232 pgs, 10/76  
////5740-XXV,5746-XXG

SH20-1894

ADVANCED TEXT MANAGEMENT SYSTEM-II (ATMS-II) OPERATIONS GUIDE - PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS)  
The Advanced Text Management System-II (ATMS-II) consists of control and functional programs that direct many text processing activities concurrently through keyboard-printer



terminals or an information display system attached to an IBM System/370. Written to operate under an IBM CICS/VS Program Product, ATMS-II runs in a multiprogramming environment. It will run concurrently with, and independently of other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information for terminal supervisors and persons with ATMS-II control terminal operator responsibility who must define and administer ATMS-II and its terminal operators, and who control its daily operations.

Manual, 8 1/2 x 11 inches, 84 pgs, 10/76  
 ///5746-XXG,5740-XXV

## GH20-1895

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, GENERAL INFORMATION

The Interactive Instructional System is an IBM program product which provides a realtime training and instructional capability for course creation and presentation by utilizing available IBM data base/data communication systems (IMS and CICS), interactive systems (CMS and TSO) and terminal access methods (VTAM and TCAM).

The Interactive Instructional System combines the best features of IBM's previous training and instructional programs; the Interactive Training System and Coursewriter III. It is language-compatible with these products with minor exceptions for the Coursewriter III user. It also contains migration facilities to enable courses from the Interactive Training System and Coursewriter III to be upward compatible with the Interactive Instructional System.

This manual presents an overview of the Interactive Instructional System, with specific sections on types of users, operational considerations and compatibility with Coursewriter III and the Interactive Training System.

Manual, 8 1/2 x 11 inches, 40 pgs, 1/77  
 ///5748-XX6

## SH20-1896

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 ADMINISTRATOR'S GUIDE (CURRENT RELEASE)

The Interactive Instructional system provides a training and instructional application operating under the major telecommunications and SCP host environments. Customers can create, execute, and administer computer-based courses to satisfy their training or instructional requirements and operate concurrently with other application programs.

Included in this publication are the commands and information necessary for the administrator to control and maintain the instructional system.

Manual, 8 1/2 x 11 inches, 132 pgs, 6/77  
 ///5748-XX6

## SH20-1897

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 COURSE AUTHORIZING GUIDE (CURRENT RELEASE)

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP host environments. Customers can create, execute, and administer computer-based courses to satisfy their training or instructional requirements and operate concurrently with other application programs.

Included in this publication are the commands and information necessary to create course material using the course structuring facility or the Coursewriter III language.

Manual, 8 1/2 x 11 inches, 264 pgs, 6/77  
 ///5748-XX6

## SH20-1898

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 OPERATIONS GUIDE (CURRENT RELEASE)

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments.

This Operations Guide is intended for the CMS user in the Virtual Machine/370 environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 8 1/2 x 11 inches, 56 pgs 6/77  
 ///5748-XX6

## SH20-1899

INTERACTIVE INSTRUCTIONAL SYSTEMS (OS/VS-TSO) PROG PROD 5748-XX6, OPERATIONS GUIDE

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments.

This Operations Guide is intended for the Time Sharing Option (TSO) user in the OS/VS environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 8 1/2 x 11 inches, 68 pgs, 6/77  
 ///5748-XX6

## SH20-1900

INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VS-VTAM) PROG PROD 5748-XX6, OPERATIONS GUIDE

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments.

This Operations Guide is intended for the Virtual Telecommunications Access Method (VTAM) user in the OS/VS environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 8 1/2 x 11 inches, 80 pgs, 7/77  
 ///5748-XX6

## SH20-1901

INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VS-TCAM) PROG PROD 5748-XX6, OPERATIONS GUIDE

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments.

This Operations Guide is intended for the Telecommunications Access Method (TCAM) user in the OS/VS environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 8 1/2 x 11 inches, 72 pgs, 7/77  
 ///5748-XX6

## SH20-1902

INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VS CICS) LIC PROG 5748-XX6 OPERATIONS GUIDE

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments.

This Operations Guide is intended for the Customer Information Control System (CICS) user in the OS/VS environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 52 pages, 1/78  
 ///5748-XX6

## SH20-1903

INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VS/IMS) OPERATIONS LIC PROG 5748-XX6

This Operations Guide is intended for the Information Management System user in the OS/VS environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 52 pgs, 2/78  
 ///5748-XX6

## SH20-1904

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 DOS/VS/CICS OPERATIONS GUIDE (CURRENT RELEASE)

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments. This Operations Guide is intended for the Customer Information Control System (CICS) user in the DOS/VS environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 52 pages, 1/78  
 ///5748-XX6

## SH20-1905

INTERACTIVE INSTRUCTIONAL SYSTEM (DOS/VS-VTAM), LIC PROG 5748-XX6, OPERATIONS GUIDE

The Interactive Instructional System provides a training and instructional application operating under the major telecommunications and SCP environments.

This Operations Guide is intended for the Virtual Telecommunications Access Method (VTAM) user in the DOS/VS environment. Included in this publication is the information necessary to install and execute the Interactive Instructional System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual, 8 1/2 x 11 inches, 80 pages, 10/77  
 ///5748-XX6

## GH20-1907

TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 GENERAL INFORMATION

TPNS is a telecommunications testing package that enables a user to test and evaluate application programs prior to actual network installation. TPNS is useful in approximating system performance and response times, stress testing, evaluating TP network design, providing

repeatability for functional testing, and automating regression test procedures. Its use may reduce testing time and required testing resources.

This manual includes a general description of the facilities provided by TPNS.  
Manual, 8 1/2 x 11 inches, 28 pgs., 9/76  
////5740-XT4

## GH20-1908

STAIRS/VS-TLS, PROG 5799-AQK (OS/VS), 5799-AQL (OS/VS), PRPQ P71044 ONLINE RETRIEVAL COMPONENT, P71045 THESAURUS GENERATOR, GENERAL INFORMATION  
The Thesaurus and Linguistic Integrated System extends the STAIRS/VS online retrieval system by:

- Helping to improve the user's dialog.
- Producing automatically inflected forms of words for query search arguments.
- Constructing queries using thesauri.
- Providing a means for the user to define, create, maintain, and check thesauri.

Like STAIRS/VS, the system operates under CICS/VS or IMS/VS. This manual includes a general description of the two components (Online Retrieval and Thesaurus Generator) and their functions, capabilities, and operation as well as computing system and programming system requirements.

This publication is intended primarily for information retrieval specialists, documentation experts, and data processing executives. The reader is assumed to be familiar with STAIRS/VS. A publication providing this background is STAIRS/VS General Information, GH12-5114.  
Manual, 8 1/2 x 11 inches, 44 pgs, 8/74  
////5799-AQK,5799-AQL

## SH20-1910

NURSE SCHEDULING SYSTEM: FAIRVIEW GENERAL HOSPITAL, IUP 5796-ANA, DESCRIPTION/OPERATIONS  
The Nurse Scheduling System at Fairview General Hospital is designed to provide a personalized scheduling system with a limited nursing float pool, while maintaining standard scheduling policies. It assists in staffing to a patient care level and supports a call-in procedure. As a result of the scheduling and reporting, the system produces management reports.

The programs are written in ANS COBOL and ASSEMBLER, and use Basic Mapping Support. The system runs under CICS/DOS/VS. The principal Access Method is ISAM.

This manual describes the forms, procedures, programs and reports used. Instructions are given for installing and operating the system.  
Manual, 8 1/2 x 11 inches, 284 pgs, 4/77  
////5796-ANA

## SH20-1914

ONLINE BUDGET ACCOUNTING SYSTEM, IUP 5796-ANC, DESCRIPTION/OPERATION  
This manual describes the online capabilities of the system. Explanation of accounting procedures and descriptions of online and batch programs are included. This manual is both a systems descriptions and an operations reference. This Online Budget Accounting System runs under the control of DOS/CICS/VS.  
Manual, 8 1/2 x 11 inches, 68 pgs, 4/77  
////5796-ANC

## SH20-1915

ONLINE BUDGET ACCOUNTING SYSTEM, IUP 5796-ANC, TERMINAL USER'S GUIDE  
This manual describes the online capabilities of the system. It describes all the terminal entry procedures necessary to utilize this system. This system runs under control of DOS/CICS/VS.  
Manual, 8 1/2 x 11 inches, 52 pgs, 4/77  
////5796-ANC

## SH20-1916

AUTOMATED TELLER HOST SUPPORT SYSTEM UNDER CICS/DOS/VS, IUP 5796-ANH, DESCRIPTION/OPERATIONS  
This manual describes the capabilities of the system and its programs. System specifications, program summaries, and block diagrams are included. Record and file layouts are described and primary processing procedures are included. This manual is both a system description and an installation and operations reference document.  
Manual, 8 1/2 x 11 inches, 324 pgs, 2/77  
////5796-ANH

## SH20-1917

3760 DYNAMIC BTP GENERATOR SYSTEM, IUP 5796-ANF, DESCRIPTION/OPERATIONS  
The 3760 Dynamic BTP Generator System makes transfer of data from the 3791 fixed disk to the host computer as efficient and flexible as possible. Excessive decision making and operator intervention is significantly reduced. The need for voice communications between Data Entry and Operations is minimized.

This publication contains a general description of the 3760 Dynamic BTP Generator System and detailed information about its functions. Also included are system installation instructions and System/370 operator and IBM 3760 operator instructions.  
Manual, 8 1/2 x 11 inches, 34 pgs, 1/77

////5796-ANF

## SH20-1918

ONLINE NEWSPAPER CIRCULATION SYSTEM (CICS/VS), IUP 5796-ANP (OS/VS), 5796-ANQ (DOS/VS) DESCRIPTION/OPERATIONS  
This manual describes the IUP, hardware and software requirements, and installation and system checkout procedures. It is intended to aid data processing and circulation department personnel in evaluating and installing this system.  
Manual, 8 1/2 x 11 inches, 88 pgs, 8/77  
////5796-ANP,5796-ANQ

## SH20-1919

AUTOMATED TELLER HOST SUPPORT SYSTEM UNDER CICS/DOS/VS, IUP 5796-ANH, TERMINAL USERS GUIDE  
This manual is an operator's guide for the CICS/VS transactions that can be performed by a terminal operator on an IBM 3277 Video Display or DOS/VS Console terminal. It also includes a description of operator procedures for system initialization and monitoring the automated teller network.  
Manual, 8 1/2 x 11 inches, 48 pgs, 3/77  
////5796-ANH

## SH20-1920

ONLINE NEWSPAPER CIRCULATION SYSTEM (CICS/VS), IUP 5796-ANP (OS/VS), 5796-ANQ (DOS/VS), TERMINAL USERS GUIDE  
This provides descriptions and operator procedures for the online functions of this IUP. It is primarily intended for use by circulation department terminal operators as both a training and reference guide.  
Manual, 8 1/2 x 11 inches, 100 pgs, 8/77  
////5796-ANP,5796-ANQ

## SH20-1925

COURSE DESCRIPTION/ADMINISTRATION MANUAL: THE COUNSELING PROCESS, IUP 5796-PJD, USING THE INTERACTIVE TRAINING SYSTEM  
This manual describes the Installed User Program titled: "The Counseling Process"  
Included are procedures to install and administer the course under the Interactive Training System. Knowledge of the Interactive Training System is necessary to install and administer the course and only information concerning this course is included in this manual.  
Manual, 8 1/2 x 11 inches, 16 pgs, 2/77  
////5796-PJD

## SH20-1926

ECONOMIC EVALUATION FOR PSG II/VS - IUP 5796-ANJ, DESCRIPTION/OPERATIONS  
This manual contains information needed to understand, use, install and enhance the Economic Evaluation Model for PSG II/VS. The "Project Income Statement and Cash Flow" report is described line-by-line along with the methodology used to produce it. Machine and programming system requirements are shown along with instructions on installing the IUP and running three sample problems. Instructions and examples show the user how to prepare input. Program modules and possible program modifications are described to aid program maintenance and enhancement. Sections of this manual are intended for user financial planning personnel, other sections are intended for user data processing personnel.  
Manual, 192 pgs  
////5796-ANJ

## SH20-1931

IMS APPLICATION DEVELOPMENT FACILITY - IUP 5796-PHX, DESCRIPTION/OPERATIONS  
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.  
IMS Application Development Facility is a system which runs under IMS and is comprised of several skeletal IMS application programs, data bases and additional modules of code and data. Applications are defined to the system by specifications which direct the skeletal programs to execute the desired application function. These specifications, called rules, define system access (by user I.D., project designation and type of access permitted), data base structure and segment layout, audit criteria (by checking input prior to permitted data base update) and the automatic transmission of messages when critical data base activity has occurred. Code for performing application function common to many IMS applications is supplied with Promise. It is these common code modules, which are selectively combined with a skeletal program under the direction of rules, that provide the desired application function. Since much code in an IMS application program is concerned with data organization, I/O processing and other housekeeping, the use of common modules supplied by the Application Development Facility greatly reduces the amount of code which must be written to define an IMS application.  
Manual, 8 1/2 x 11 inches, 386 pages, 2/77  
////5796-PHX

## SH20-1932

BOOK I PROGRAM DESCRIPTION: STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, IUP 5796-PHH, -J, -K DESCRIPTION/OPERATIONS  
This manual describes the capabilities of the Stockholder

Transaction Online Control System, its supportive programs and subsystems. This total system consists of three separate products: Basic Stockholder Records and Stock Transfer System, Dividend System, and Stock Split and Stock Dividend System. The Basic System is a prerequisite to the features. Each feature may be independently installed and used.

This manual presents information on all three products that comprise the Stockholder Transaction Online Control System including: program descriptions, security, auditability and integrity, and some guidelines regarding a stock transfer department. This manual also includes suggestions and guidelines for system conversions.

The Basic Stockholder Records and Stock Transfer System and the Dividend System are online CICS/VS transactions systems. For proper operation this manual must be used in conjunction with the Terminal Users Guide (SH20-1859) and the Master Terminal Guide (SH20-1860).  
Manual, 8 1/2 x 11 inches, 448 pgs, 4/77  
////5796-PHH,5796-PHK,5796-PHJ

SH20-1933

BOOK II, INSTALLATION AND OPERATIONS: STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, IUP 5796-PHH, -PHJ, -PHK, DESCRIPTION/OPERATIONS

This manual contains the installation and operations instructions for each of the three products which combine to form the Stockholder Online Control System.  
Manual, 8 1/2 x 11 inches, 632 pgs, 3/77  
////5796-PHH,5796-PHK,5796-PHJ

GH20-1934

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2 GENERAL INFORMATION, PROG PROD 5748-H11  
The IBM Health Care Support/Electrocardiogram (ECG) Analysis Program Version 2 provides batch processing for the computerized analysis of adult electrocardiograms, along with rapid and consistent interpretation of ECGs requiring only a review by the cardiologist. Optionally, the program provides a comparison of the current ECG with past ECGs for the patient. Since computer-aided reading takes less time than normal unaided interpretation, the program serves to relieve the steadily increasing burden on cardiologists.

This publication describes the features of the program and contains general discussion of the application area of electrocardiography. It is designed to give the reader an overall knowledge of the program and application area without reference to detail.  
Manual, 8 1/2 x 11 inches, 56 pgs, 10/76  
////5748-H11

GH20-1935

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2 PHYSICIAN'S GUIDE, PROG PROD 5748-H11  
This publication describes the medical logic contained in the Health Care Support/Electrocardiogram (ECG) Analysis Program Version 2 and lists all interpretive statements printed by the program. It is designed specifically to orient medical personnel to the medical criteria of the program.  
Manual, 8 1/2 x 11 inches, 46 pgs, 10/76  
////5748-H11

SH20-1936

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERS 2, REFERENCE AND OPERATIONS GUIDE, PROG PROD 5748-H11  
The IBM Health Care Support/Electrocardiogram (ECG) Analysis Program Version 2 provides batch processing for the computerized analysis of electrocardiograms. The program provides rapid and consistent interpretation of ECGs to assist the cardiologist in today's medical environment.

This publication is designed to provide sufficient information to enable the user to understand the functions and operation of the program. The Operations Guide section is designed to provide the information necessary to install and execute the program. Further information, including descriptions of internal variables, will be found in the Logic Manual, while details on the medical logic will be found in the Physician's Guide.  
Manual, 8 1/2 x 11 inches, 192 pgs, 11/76  
////5748-H11

SH20-1937

TREND ANALYSIS/370 - SYSTEM/7 COLOR GRAPHICS SUPPORT FEATURE PROGRAM REFERENCE MANUAL

This manual contains reference material for the preparation and installation of the Trend Analysis/370 program product and its System/7 Color Graphics Support Feature. Trend Analysis/370 is an easy-to-use, interactive, IMS/VS-based computer application designed to allow presentation of time series data in tabular report form on an IBM 3270 Information Display Station and graphically on a color television monitor. Time series numerical data either from an organization's internal systems or from the external environment can be formatted and stored for use by the system. Data retrieval and display can be customized to make the actual use of the information as simple and meaningful as possible.

This manual:

- Provides a description of the functions and facilities of the program and its feature.
- Provides information to enable a user to prepare for

installation of the program.  
Manual, 8 1/2 x 11 inches, 328 pgs, 9/77  
////5740-F12,5707-F12

SH20-1938

TREND ANALYSIS/370 SYSTEM/7 COLOR GRAPHICS SUPPORT FEATURE, OPERATIONS GUIDE - PROG PROD 5740-F12, 5707-F12

This manual contains information necessary to install the Trend Analysis/370 program product and its System/7 Color Graphics Support Feature.

Trend Analysis/370 is an easy-to-use, interactive, IMS/VS-based computer application designed to allow presentation of time series data in tabular report form on an IBM 3270 Information Display Station or, using the Color Graphics Support Feature, graphically on a color television monitor. Time series numerical data either from an organization's internal systems or from the external environment can be formatted and stored for use by the system. Data retrieval and display can be customized to make the actual use of the information as simple and meaningful as possible.

This manual provides:

- Program installation procedures
- Initial startup procedures for the feature
- Instructions for using a sample application to test and demonstrate both the base program and the feature.

Manual, 8 1/2 x 11 inches, 84 pgs, 11/76  
////5740-F12,5707-F12

GH20-1939

ELECTRONIC PAYMENT SYSTEMS SUPPORT CHECK PROCESSING, DOS/VS (DOSCHECK) GENERAL INFORMATION - PROG PROD 5746-F12

The Electronic Payment Systems Support/Check Processing DOS/VS (DOSCHECK) program product addresses the application requirements of commercial and Federal Reserve banks using the IBM 3890 Document Processor under DOS/VS. The program is designed to perform the high-speed proof-of-deposit and transit functions.

DOSCHECK provides a high-performance check-processing solution for both remote and centralized 3890 installations. It employs many unique application concepts aimed at simplifying the operational environment while speeding the flow of checks under extensive item-level control.

Significant features include: sort table generator, all-items data base, multiple 3890 support, multibank processing, image processing, dynamic rebatching, automatic report generation, online reject entry/correction processing, item-level restart, and data base recovery. This publication describes the design and operational characteristics of DOSCHECK and provides the reader with general knowledge of the system. The reader is presumed to have a basic understanding of check processing and familiarity with the IBM 3890 Document Processor.  
Manual, 8 1/2 x 11 inches, 36 pgs, 10/76  
////5746-F12

SH20-1940

ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING - DOS/VS (DOSCHECK, PROG PROD 5746-F12), REFERENCE, OPERATIONS

The Electronic Payment Systems Support/Check Processing DOS/VS (DOSCHECK) program product addresses the application requirements of commercial and Federal Reserve banks using the IBM 3890 Document Processor under DOS/VS. The program is designed to perform the high-speed proof-of-deposit and transit functions.

DOSCHECK provides a high-performance Assembler Language check-processing solution for both remote and centralized 3890 installations. It employs many unique application concepts aimed at simplifying the operational environment while speeding the flow of checks under extensive item-level control.

Significant features include: sort table generator, all-items data base, multiple 3890 support, multibank processing, image processing, dynamic rebatching, automatic report generation, item-level restart, and data base recovery.

This publication is designed to assist in the installation, operation, and maintenance of the user's DOSCHECK system. Separate sections are included for programming, operations, and user personnel. The reader is presumed to be familiar with DOSCHECK general characteristics, as described in the General Information Manual (GH20-1939).  
Manual, 8 1/2 x 11 inches, 276 pgs, 4/77  
////5746-F12

SH20-1942

APL GPSS FOR APLSV (5796-PJF), APL GPSS FOR VS APL (5796-PJG), IUP DESCRIPTION/OPERATIONS

The purpose of this manual is to provide the user with sufficient information to install and successfully use the APL GPSS Installed User Program. It is intended for those responsible for evaluating modeling techniques and constructing actual models.

This program provides a versatile tool for studying the behavior of a wide range of physical systems. It is written in APL and employs a modified subset of the GPSS (General Purpose Simulation System) language. The simple block diagram language of GPSS provides an easily learned method of describing models.

This program also provides interactive operation, together with the calculating, data manipulation and other capabilities of APL.

Manual, 8 1/2 x 11 inches, 80 pgs, 1/77  
 ///5796-PJF,5796-PJG

SH20-1955

HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ANY,  
 DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This IUP, The Health Care Support/DL/I - Patient Care System is a hospital wide computer information system that provides a communication link between the admissions office, nursing stations, ancillary departments, accounting, and the Medical Records Department. This system was developed by the Duke University Medical Center in Durham, North Carolina, to facilitate, expedite, and integrate the delivery of health care services and the operation of the hospital through efficient data processing. It is a user driven system through which the service departments and nursing stations may manipulate and manage patient records. This is accomplished by entering doctor's orders through video displays on the nursing stations. The orders are transmitted to the appropriate ancillary departments, as well as being added to the patient's data base record. The ancillary departments have the ability to display and/or print work to be done (worklists) and to enter results. Results may then be transmitted back to the nursing station in hard copy form to become a part of the chart, if desired. The result becomes a part of the patient's data base record and is available for inquiry through a video display to authorized personnel. Cumulative summaries may also be produced. Charges for these services are automatically collected and made available to the accounting system. Upon patient discharge, medical record abstracts are prepared.

The system provides support for the ancillary departments at Duke University Medical Center. However, it is implemented in such a way that it is easily modifiable to meet individual hospital needs. It can also be implemented in a modular fashion supporting those departments deemed necessary in each individual hospital.

Highlights of the system include:

- Doctor's orders are transmitted to the appropriate ancillary department, and made part of the patient's record.
- Results become part of the data base and are transmitted to the appropriate area.
- Inquiry to determine order status and/or results.
- Inquiry of worklists in service departments.
- Nursing Care plan for each patient by shift.
- Medication plans by nursing station.
- Medical Record Abstracts.

A member of the Health Care Support Family, the Patient Care System features:

- Data Communications using CICS/OS/VS.
- Data Base Support with IMS/VS-DB.
- Modular Growth Capability.
- Use of PL/I and Assembler Language.

Ease of Installation:

- Screens and procedures may be added or modified without programming changes.
- Processing is determined externally by the user, not by programming.
- The system includes screens and logic developed and in use by Duke University Medical Center.
- Builds on the data base established by HCS/DL/I-Registration and HCS/DL/I-Admissions.

Manual, 8 1/2 x 11 inches, 128 pgs, 11/77  
 ///5796-ANY

SH20-1956

HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM  
 TERMINAL OPERATORS GUIDE, IUP 5796-ANY

This guide is for terminal operators using the Health Care Support/DL/I - Patient Care System, a hospital wide computer information system that provides a communication link among the admissions office, nursing stations, ancillary departments, accounting, and the Medical Records Department. This system was developed by the Duke University Medical Center in Durham, North Carolina, to facilitate, expedite, and integrate the delivery of health care services and the operation of the hospital through efficient data processing. It is a user driven system through which the service departments and nursing stations may manipulate and manage patient records. This is accomplished by entering doctors' orders through video displays on the nursing stations. The orders are transmitted to the appropriate ancillary departments, and added to the patient's data base record. The ancillary departments have the ability to display and/or print work to be done (worklists) and to enter results. Results may then be transmitted back to the nursing station in hard copy form to become a part of the chart, if desired. The result becomes a part of the patient's data base record and is available for inquiry through a video display to authorized personnel. Cumulative summaries may also be produced. Charges for these services are automatically collected and made available to the accounting system. Upon patient discharges, medical record abstracts are prepared.

The system provides support for the ancillary departments at Duke University Medical Center. However, it is implemented in such a way that it is easily modifiable to meet individual hospital needs. It can also be implemented in a modular fashion supporting those departments deemed necessary in each individual hospital.

Manual, 8 1/2 x 11 inches, 176 pages, 11/77  
 ///5796-ANY

SH20-1948

APL ADVANCED STATISTICAL LIBRARY DESCRIPTION/OPERATIONS  
 IUP 5796-PJR, PJT

The APL Advanced Statistical Library for APLSV (5796-PJR) and for VSAPL (5796-PJT) Installed User Programs consist of 10 APC workspaces containing topics selected from the field of multivariate analysis, time series analysis and non-parametric analysis. The APL Advanced Statistical Library complements the APL Statistical Library IUPS (5796-PGQ and 5796-PHW); together they constitute a complete statistical library offering for the APL user.  
 Manual, 8 1/2 x 11 inches, 196 pages, 1/78  
 ///5796-PJR,5796-PJT

SH20-1949

ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM,  
 IUP 5796-ANW, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Online Student Registration and Accounting System Installed User Program 5796-ANW developed by William Rainey Harper College, in Palatine, Illinois, was designed to meet the comprehensive needs of an educational institution with complex reporting requirements, non-traditional education methods, and dispersed teaching locations. Using experience gained from implementing online registration systems in the late 1960s, Harper designed this product around three major components:

- o Curriculum Development
- o Student Registration
- o Cashier/Bursar Activities

Curriculum Development involves all steps required to develop an institution's Master Schedule of courses. The Student Registration provides the capability of registering students into classes. The Cashier/Bursar Activities enables the college to monitor student payments generated by the registration process.

Manual, 8 1/2 x 11 inches, 90 pages, 8/77  
 ///5796-ANW

SH20-1950

ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM,  
 IUP 5796-ANW, TERMINAL USER'S GUIDE

This document is for use of terminal operators.

For information about this program see BOIS abstract for LY20-2303.

Manual, 8 1/2 x 11 inches, 252 pgs, 8/77  
 ///5796-ANW

SH20-1951

AUTOMATED BILL PAYMENT SYSTEM IUP 5796-ANX (DPD) NLZ (GSD),  
 DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This IUP is installed at Commercial Federal Savings & Loan Association in Omaha, Nebraska. The automated Bill Payment System allows one-time and recurring payments of any bills anywhere in the country and transfers money to and from checking accounts. It provides a multi-purpose customer automated bill paying system for financial institutions. This product utilizes the IBM 3270 Display Stations and will function with 5796-NLZ which allows S/7 and 12 key touch tone telephone input.

This Automated Bill Payment System provides benefits to all the parties involved. The customer gets convenience and time savings; cost savings on stamps, envelopes and checks; better control and record keeping; and for Thrift customers, interest on deposits. The financial institution can promote a new innovative service; cut paper processing costs inherent in check processing and better promote automatic deposits of payroll. The merchants involved do not have problems with NSF or closed account checks and do receive accurate account and dollar amount information for billing.  
 Manual, 8 1/2 x 11 inches, 212 pages, 11/77  
 ///5796-ANX,5796-NLZ

SH20-1954

APL DATA INTERFACE - IUP 5796-PKA, -PKB, -PKC,  
 DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This manual is intended to be an introductory and reference manual for terminal users. Explanations of terminal commands are provided along with descriptions of functions which can be used to access, analyze, manipulate, transmit, and report information contained in user files. Hints, suggestions, and descriptions of frequently used terminal procedures are also included.

This manual also describes how to install and use the APL Data Interface program. Installation and checkout procedures are described for each of the three host operating environments: VSAPL under VM/370 (CMS), VSAPL under VSPC, and APLSV.

Manual, 8 1/2 x 11 inches, 124 pages, 7/77  
 ///5796-PKA,5796-PKB,5796-PKC,5796-PJT

SH20-1957

FIRST NATIONAL BANK OF MARYLAND ONLINE PAYROLL & PERSONNEL SYSTEM - CICS/OS/VS, IUP 5796-AKH DESCRIPTION/OPERATION  
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This Installed User Program, the Online Payroll and Personnel System was developed by First National Bank of Maryland to satisfy a need for timely data and for inquiry into individual employee records without a search through printed reports. The result is a complete payroll and personnel system providing online inquiry, data entry, and data update.

With both the payroll and personnel departments at FNB involved in the system design, one file was designed to contain all the personnel and payroll information for each employee. Other files carry employee historical information, departmental totals, tax rates and other basic information and an alphabetic listing of employees.

Personnel reporting capabilities include personnel listings, termination reports, salary analysis, review sheets, staffing reports, attendance reports and turnover reports.

Payroll reporting includes earnings statements, stock reports, W2 and 941A forms, payroll register, deduction register, termination listing, no-pay/deduction-not-taken reports, and overtime reports. The system handles a biweekly payroll, as well as providing for incentive pay. Retirement plan, stock plan and equal employment opportunity records are included.

This system operates under OS/VS1 and CICS/OS/VS. The programs are written in ANS COBOL.  
Manual, 8 1/2 x 11 inches, 364 pgs, 9/77  
////5796-AKH

SH20-1958

A RESPONSE EVALUATION SYSTEM, IUP 5796-ANZ, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

A Response Evaluation System, developed by Fox Valley Technical Institute of Appleton, Wisconsin, is a set of programs that execute in an OS/VS and DOS/VS environment and provides detailed reports and summaries from data collected via the student response file of either Coursewriter III, the Interactive Training System, or the Interactive Instructional System. The reports and summaries are concerned with student performance, item analysis, and utilization of the computer assisted instruction system and provides valuable tools for both instructors and management.  
Manual, 8 1/2 x 11 inches  
////5796-ANZ

SH20-1959

ONLINE LIBRARY CIRCULATION SYSTEM - IUP 5796-APA, DESCRIPTION/OPERATION

The Online Library Circulation System which runs under DOS/VS and CICS/VS and was developed by Charles County Community College of LaPlata, Maryland provides interactive management of the library circulation functions. Charge-outs, returns, saves and renewals are processed by the system with immediate notification of the change in status of each circulating item. Patron and item identification are entered using the latest bar code technology. Batch programs provided with the system provide ready-to-mail overdue notices as well as other reports useful to library management.

Use of this system eliminates the requirement for multiple manual sorts of pocket cards and the clerical efforts involved in typing overdue notices. The time currently spent in these activities increases the cost of the circulation process to the library and reduces the time that library personnel may spend providing service to patrons.

Manual, 8 1/2 x 11 inches, 332 pgs, 9/77  
////5796-APA

SH20-1960

CARDHOLDER ACCOUNTING, IUP 5796-AQR, DESCRIPTION/OPERATIONS  
The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQP). All programs are modularly written in ANS COBOL with the on-line component adapted to CICS.

Manual  
////5796-AQR

SH20-1961

FIRST NATIONAL BANK OF MARYLAND ONLINE PAYROLL & PERSONNEL SYSTEM - CICS/OS/VS, IUP 5796-AKH, USERS GUIDE

This Installed User Program, the Online Payroll and Personnel System was developed by First National Bank of Maryland to satisfy a need for timely data and for inquiry into individual employee records without a search through printed reports. The result is a complete payroll and

personnel system providing online inquiry, data entry, and data update.

With both the payroll and personnel departments at FNB involved in the system design, one file was designed to contain all the personnel and payroll information for each employee. Other files carry employee historical information, departmental totals, tax rates and other basic information and an alphabetic listing of employees.

Personnel reporting capabilities include personnel listings, termination reports, salary analysis, review sheets, staffing reports, attendance reports and turnover reports.

Payroll reporting includes earnings statements, stock reports, W2 and 941A forms, payroll register, deduction register, termination listing, no-pay/deduction-not-taken reports, and overtime reports. The system handles a biweekly payroll, as well as providing for incentive pay. Retirement plan, stock plan and equal employment opportunity records are included.

This system operates under OS/VS1 and CICS/OS/VS. The programs are written in ANS COBOL.  
Manual, 8 1/2 x 11 inches, 76 pgs, 9/77  
////5796-AKH

SH20-1962

LABORATORY DATA MANAGEMENT SYSTEM ENHANCEMENTS: IUP 5796-APB, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Laboratory Data Management System - Enhanced is an update to the existing Laboratory Data Management System (LDMS IUP No. 5796-AHD) providing additional function to the LDMS user. IUP 5796-AHD remains a separately orderable product and is a pre-requisite for these Enhancements. This product is the system used at The University of Alabama in Birmingham.

The major addition to the system is the Pathology subsystem. Orders and results can be entered and displayed for Surgical Pathology, Cytology, Bone Marrow, and Autopsy. Coded pathologists findings can be stored and can be selectively retrieved based on parameters supplied by the user.

Other enhancements include:

1. Comments may be entered with Blood Bank cross match results.
2. Calculations can be made online to produce lab results based on other results.
3. Online editing of extreme results is provided. Such results can only be entered as a comment.
4. Abnormal result values are flagged on the printed cumulative summary. High and low limits are selected by the user.
5. The test definition file can be updated online via CRT.
6. A printed cumulative history for any patient can be requested.
7. Comments can be entered during order entry.

Manual, 8 1/2 x 11 inches, 492 pages, 1/78  
////5796-APB

SH20-1964

THE BANK TELLER 3600 APPLICATION PROGRAM, IUP 5796-ARD, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

This IUP is based on the systems installed at East New York Savings Bank and Prudential Savings Bank both located in New York, N.Y.

The New York City 3600 Application Program, subsequently referred to as the 3600 AP, is designed to run in an IBM 3600 Finance Communication Controller. The 3600 AP accepts teller transactions which are edited, verified, transmitted to a central computer and recorded into a 3600 file for later retrieval. Additionally, it accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages. The 3600 AP also provides control functions which are completely processed within the Controller and are not transmitted to a central computer. These functions are invoked by terminal transactions and give the branch control over the operation of the system. The New York City 3600 Application Program has many built-in functions which enhance the total teller operation, permits branch control over the system, and supports the efficient use of the 3600 Finance Communication System. Some of the functions which enhance the teller operation are:

- Full transaction prompting for input and output
- Floating teller capability
- Electronic journaling
- Magnetic stripe processing
- Automatic re-entry of off-host transactions

The programming techniques used allow this program to support as many as fifteen (15) workstations without a need for overlay structures. Output editing techniques permit flexible user document design and a large variety of display messages.

The teller applications which can be implemented using this application program include savings accounts, club accounts, utility payments, loan payments, teller checks, money orders, demand deposit accounts (DDA), and new loans.

This program can interface with a variety of central site environments. It supports the use of BI-synchronous

line control of Synchronous Data Link Control.

This product is to be licensed to a 3600 controller.  
Manual, 8 1/2 x 11 inches, 292 pages, 1/78  
////5796-ARD

SH20-1966

ELEMENTARY MATHEMATICS, IUP 5796-APC, DESCRIPTION/OPERATIONS  
This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

Elementary Mathematics, Installed User Program 5796-APC, developed by the University of Akron in Ohio is designed to aid teachers in helping their students master basic arithmetic skills and understand mathematical operations and concepts in the areas of whole numbers, fractions, decimals, ratios, proportions, percents and problem solving.

The program, which runs under the Interactive Instructional System or Coursewriter III, provides individualized computer-assisted instruction for students that includes pre-tests, tutorial sessions, drill exercises, puzzles, and comprehensive tests. While it covers topics typically in math curriculums in upper elementary and middle schools and is aimed at students in those schools, students whose mathematics performance is below grade level in junior and senior high schools and adult education courses have made effective use of the program. Facilities are available that enable teachers to use the program in such ways as: placing students individually in it; adjusting time allowance for students; and obtaining reports on student achievement.

This Program Description and Operations Manual is both a system description and an installation and operations reference document for this course.

Manual, 8 1/2 x 11 inches, 44 pages, 5/78  
////5796-APC

SH20-1967

ELEMENTARY MATHEMATICS, IUP 5796-APC, INSTRUCTOR'S GUIDE

Elementary Mathematics, Installed User Program 5796-APC, developed by the University of Akron in Ohio is designed to aid teachers in helping their students master basic arithmetic skills and understand mathematical operations and concepts in the areas of whole numbers, fractions, decimals, ratios, proportions, percents and problem solving.

The program, which runs under the Interactive Instructional System or Coursewriter III, provides individualized computer-assisted instruction for students that includes pre-tests, tutorial sessions, drill exercises, puzzles, and comprehensive tests. While it covers topics typically in math curriculums in upper elementary and middle schools and is aimed at students in those schools, students whose mathematics performance is below grade level in junior and senior high schools and adult education courses have made effective use of the program. Facilities are available that enable teachers to use the program in such ways as: placing students individually in it; adjusting time allowance for students; and obtaining reports on student achievement.

This Instructor's Guide provides the mathematics instructor with guidelines on the use of these computer modules.

Manual, 44 pages, 5/78  
////5796-APC

GH20-1969

CREDIT MANAGEMENT/VIRTUAL STORAGE (PRPQ MH4661)  
GENERAL INFORMATION, PROG 5799-ARY

Credit Management/Virtual Storage is an application-oriented system that extends the facilities of the Display Management System/OS/VS (Program Product 5740-XC2) to provide for the specific needs of the credit card issuing and consumer service industries. This programming RPQ is available on special quotation only (see inside front cover). Credit Management/VS provides an array of powerful services tailored to address the unique aspects of this application without limiting the user's approach to managing credit. This system simplifies the task of implementing an interactive system for credit card and receivables management.

This manual provides an overview of the credit application and describes the functions performed by the system. The Display Management System/VS (DMS/OS/VS) and the Customer Information Control System (CICS/OS/VS) Version 1 (5740-XX1) Release 1.1 are prerequisites to Credit Management/VS. Customer responsibilities and minimum machine configuration are included.

The reader should be familiar with information contained in the DMS/VS General Information Manual (GH20-1863).  
Manual, 8 1/2 x 11 inches, 48 pgs, 2/77  
////5799-ARY

GH20-1970

ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING CONTROL SYSTEM (CPCS) - DEPOSIT PROCESSING FEATURE  
GENERAL INFORMATION, PROG PROD 5734-F11

The Electronic Payment Systems Support/Check Processing Control System (CPCS) - Deposit Processing program product provides the application support necessary to incorporate the IBM 3895 Document Reader/Inscriber into an integrated check-processing system. The 3895 is an online, high-speed device that optically reads the hand or machine-printed amount on a check or deposit slip and inscribes that amount in magnetic ink on the ABA code line.

When used in conjunction with the data base facility, online operator control, full restart/recovery, and image processing provided by CPCS, the Deposit Processing feature for the 3895 offers commercial banks an integrated approach to item capture, MICR inscribing, proof of deposit, item correction, endpoint distribution and control, and information retrieval.

CPCS - Deposit Processing is written in ANS COBOL and Assembler languages. This manual describes the design and operational characteristics of the combined hardware and software without reference to program detail.  
Manual, 8 1/2 x 11 inches, 36 pgs, 2/77  
////5734-F11

GH20-1971

ELECTRONIC PAYMENT SYSTEMS SUPPORT CHECK PROCESSING, DOS/VS  
GENERAL INFORMATION - PROG PROD 5740-F13

The Electronic Payment Systems Support/Deposit Processing-OS/VS program product provides programming support to control the IBM 3895 Document Reader/Inscriber and perform the banking applications of proof-of-deposit and magnetic ink character recognition (MICR) inscribing. The application functions include data capture, error correction, and proof of deposit. The 3895 is an online high-speed device that optically reads the hand or machine-printed amount in magnetic ink on the ABA code line.

Under program control, items are assigned batch and sequence numbers, and are endorsed, inscribed, and distributed. At the same time, a comprehensive data base is created.

Error correction through key entry on 3277 Display Stations is followed by terminal-oriented proof-of-deposit function. Modified items are subsequently inscribed and distributed by the 3895 using an image-matching technique. Data images are then transferable to the user's transit or demand deposit accounting (DDA) system.

Deposit Processing-OS/VS is written in ANS COBOL and Assembler languages. This manual describes the design and operational characteristics of the program product without reference to program detail.

Manual, 8 1/2 x 11 inches, 36 pgs, 2/77  
////5740-F13

SH20-1973

ADVANCED TEXT MANAGEMENT SYSTEM-II, PROG PROD 5740-XXV  
(OS/VS), 5746-XXG (DOS/VS), EXERCISE/REFERENCE GUIDE

The Advanced Text System (ATMS-II) consists of control and functional programs that direct many test processing activities concurrently through keyboard-printer or display terminals attached to an IBM System/370. Written to operate under an IBM CICS/VS Program Product, ATMS-II executes in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides exercises for new terminal operators of ATMS-II, as well as reference material for experienced operators. The manual can be used as a training aid in the use of basic ATMS-II entry and edit techniques and as a reference source for day-to-day text processing activities.  
Manual, 8 1/2 x 11 inches, 196 pgs, 5/77  
////5740-XXV, 5746-XXG

SH20-1983

FINANCIAL SERVICES TERMINALS SUPPORT FOR THE IBM 3606  
AND 3608 FINANCIAL SERVICES TERMINALS PRPQ P09005,  
REFERENCE AND OPERATIONS PROG 5799-ARE

This manual describes the programming RPQ which supports the IBM 3606 and 3608 Financial Services Terminals in the financial institution environment. Provision is made for both online operations with a host IBM System/370 and offline operations. (Available on special quotation only)  
Manual, 8 1/2 x 11 inches, 148 pages, 3/77  
////5799-ARE

SH20-1985

CREDIT MANAGEMENT/VS PRPQ MH4661, PROG 5799-ARY,  
REFERENCE AND OPERATIONS

This manual provides an overview of Credit Management/Virtual Storage, and describes the functions performed by the system and its interface with DMS/VS and CICS. This programming RPQ is available on special quotation only (see inside front cover).

The need for a highly responsive consumer service and receivables billing approach is present in most financial and service industries. The problems associated with collecting receivables and satisfying customer inquiries are somewhat universal. With tools such as the Display Management System/VS (DMS/VS) and the Customer Information and Control System (CICS), the power of interactive information processing techniques can be used to effectively solve these problems. While these tools minimize the amount of user effort involved in implementing online systems, the effort required to provide for special requirements can sometimes be significant.

Credit Management/Virtual Storage is an application oriented system that extends the facility of DMS/VS to provide for the specific needs of the credit card issuing and consumer service industries. Credit Management/VS provides an array of powerful services tailored to address the unique aspects of this application without limiting the user's approach to managing credit. It simplifies the task of implementing an interactive system for credit card and



receivables management.

Highlights of the system include data compaction techniques to economically handle a large inventory of customers online, an alphabetic cross-reference file, files for communication between online and offline systems, and an offline control system to facilitate the implementation of a transaction-driven updating process.

This manual is intended for programmers and analysts. It is designed to provide sufficient information to enable the user to understand the functions of the system, the programs constituting the system, and the preparation and installation of Credit Management/VS. Customer responsibilities, operating instructions, and minimum machine configuration are also included.  
Manual, 8 1/2 x 11 inches, 28 pgs, 4/77  
////5799-ARY

SH20-1987

DENSITY SLICING FEATURE TO EARTH RESOURCES - MANAGEMENT II (ER-MAN II), PROG PROD 5799-ARX, PRPQ MH2256, DESCRIPTION/OPERATIONS

The Density Slicing Feature, an extension of the image manipulation and display capabilities of ER-MAN II, allows an earth scientist to highlight selected intensities of digital images.

Manual, 8 1/2 x 11 inches, 24 pgs, 8/77  
////5799-ARX

GH20-2002

DISPLAY MANAGEMENT SYSTEM/3790 (DMS/3790), LIC PROG 5748-XC2, GENERAL INFORMATION

DMS/3790 is an Application Management Offering for users of the 3790 Communication System. It consists of productivity and design tools for faster, less expensive implementation of 3790 systems. These tools include a screen handler program generator, distributed processing/data macros, and temporary working storage macros. This document provides an overview of DMS/3790 plus a description of the functions provided.

Manual, 8 1/2 x 11 inches, 48 pgs, 9/77  
////5748-XC2

SH20-2014

DMS/3790, LIC PROG 5748-XC2, REFERENCE MANUAL  
Display Management System/3790 (DMS/3790) is a program product that simplifies the design, implementation, testing and maintenance of application programs on the IBM 3790 Communication System. It provides the following facilities that can be incorporated into 3790 programs:

- Forms that can be used by the programmer to generate code for programs that interface with the terminal operator (Screen Handler Programs)
- A macro facility for invoking the services of other function programs (Linkage Services)
- A macro facility for requesting data (Get Collection)
- Programs and macros for managing temporary working storage (Work Area Management)

This publication describes the facilities provided by Display Management System/3790 (DMS/3790). It is intended as a reference manual for application programmers who design and code programs for the IBM 3790 Communication System using DMS/3790.

product that simplifies the design, implementation, testing and maintenance of application programs on the IBM 3790 that can be incorporated into 3790 programs:

- Form that can be used by the programmer to generate code for programs that interface with the terminal operator (Screen Handler Programs)
- A macro facility for invoking the services of other function programs (Linkage Services)
- A macro facility for requesting data (Get Collection)
- Programs and macros for managing temporary working storage (Work Area Management)

This publication describes the facilities provided by Display Management System/3790 (DMS/3790). It is intended as a reference manual for application programmers who design and code programs for the IBM 3790 Communication System using DMS/3790.

Manual, 8 1/2 x 11 inches, 216 pgs, 1/78  
////5748-XC2

SH20-2015

DMS/3790, LIC PROG 5748-XC2, OPERATIONS GUIDE

This manual provides the necessary information for operation of the DMS/3790 program product. Contents include installation, operational, and maintenance requirements, a description of inputs and outputs, and data set preparation information.

of the DMS/3790 program product. Contents include installation, operational, and maintenance requirements, a description of inputs and outputs, and data set preparation information.

Manual, 8 1/2 x 11 inches, 100 pages, 1/78  
////5748-XC2

GH20-2018

CUSTOMER INFORMATION FACILITY (CIF/VS) GENERAL INFORMATION

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer database and related account database for the financial institution. Online inquiry capability to the database is provided through either the IBM 3270 Information

Display System or the IBM 3600 Finance Communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the databases.

The Customer Information Facility/VS performs in an OS/VS1 or DOS/VS environment  
Manual, 8 1/2 x 11 inches, 20 pgs, 1/78  
////5740-XYB, 5740-XXC, 5746-XXS

GH20-2019

IBM 3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VS), 5746-F57 (DOS/VS), GENERAL INFORMATION

This program product is designed to assist financial institutions in installing IBM 3614 and/or 3624 Consumer Transaction Facilities by providing transaction programs and various other programs to support an operational 3614/3624 network.

Manual, 8 1/2 x 11 inches, 16 pages, 3/78  
////5740-F51, 5746-F57

SH20-2023

PROGRAM CUSTOMIZER FOR THE 3600 FINANCE SYSTEM (PC/3600), LIC PROG 5746-F11, 5740-F11: INDEX FOR PC/3600 MANUALS

This is an index for the Program Customizer for the IBM 3600 Finance Communication System (PC/3600) program product manuals and is for use with the following:

Program Reference Manual (PRM), SH20-1689-3  
Program Customizer Guide (PCG), SH20-1688-3  
DOS/VS Operations Guide (OGD), SH20-1690-3  
OS/VS Operations Guide (OGD), SH20-1736-3

Each subject is followed by the section title(s) under which it appears, the manual's name, and the section number. The manual and section appear in parentheses, e.g., The Transaction Builder (PRM02), where PRM indicates the Program Reference Manual and 02 indicates Section 2. Where the manual designation is followed by a letter, the letter indicates an appendix. Following this are the subsection(s) in which the subject appears and the page number on which it can be found in the manual.

Manual, 108 pages, 4/78  
////5740-F11, 5746-F11

SH20-2025

DISTRIBUTED SYSTEMS EXECUTIVE, LIC PROG 5748-XXG, REFERENCE/OPERATIONS

Distributed Systems Executive (DSX) is a set of host programs that transmit data in batch mode to and from one or more IBM 3790s and control 3790 data stored at the host IBM System/370 (OS/VS1, OS/VS2, or DOS/VS). It includes 3790 data libraries; DSX control and storage files; and programs for maintaining the files, transmitting and reformatting data, and producing reports on data stored and transmitted.

This manual explains the DSX purpose and functions, requirements for its use, and how to install and use it. It gives full details, with examples, of JCL and control statements and messages issued.

Manual, 448 pages, 7/78  
////5748-XXG

SH20-2028

AUTOMATED TELLER HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VS, IUP 5796-AQT, DESCRIPTION/OPERATION

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The First American Automated Teller Host Support System Enhancements (IUP 5796-AQT) is based on the system at First American National Bank in Nashville, Tennessee. This IUP represents significant enhancements to the Automated Teller Host Support System - CICS/DOS/VS (IUP 5796-ANH), which remains a separately orderable IUP. The Enhancements IUP can be ordered by current and new users of the prerequisite Automated Teller Host Support System and integrated into their ATM host application systems under CICS/DOS/VS. Enhancements include:

- Operates in conjunction with FPD 5798-CPT, "3614 Consumer Online Transaction System - Extended Application Support."
- New 3614 features supported at the host include:

- (a) dual-denomination
- (b) DES encryption
- (c) journal printing
- Support of two additional special transactions provides:

- (a) Initialize cash
  - hopper 1
  - hopper 2
- (b) Add cash
  - hopper 1
  - hopper 2

- Support is added for two 3614 commands at the host:

- (a) Request Customized Option Data
- (b) Change Customized Option Data

- Provides interface at the host to the new 3614 Hard Failure Analysis Program provided with DOS/VS 3600 Host Support IR 4.

- A new Monthly Statistics Program produces a Monthly Transaction Breakdown by Time of Day (by ATM and a network composite), Monthly Transaction Analysis Report (by ATM and composite), and a two-page Monthly Statistical Summary. The Statistical Summary consists

of a recap of statistics for each day of the month and final totals for the entire month (page 1) and also a ranking of the ATMs in the network by Transaction Volume, Total Debits and Total Credits (page 2). The Transaction Volume ranking shows a four-month volume and ranking history.

- Automatic Network Monitoring is implemented to help to maximize availability of the ATM network to the consumer. The network control operator is alerted to exceptional conditions in the network, including:
  - (a) the loss of communication with an ATM or an entire controller,
  - (b) an unusually low transaction rate (based on time of day) at an ATM, and
  - (c) a low cash supply condition at an ATM.

Manual, 8 1/2 x 11 inches, 224 pages, 1/78  
 ///5796-AQT

SH20-2029

AUTOMATED TELLER HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VS  
IUP 5796-AQT, TERMINAL USER'S GUIDE

For further information about this program see abstract for SH20-2038.

Manual, 8 1/2 x 11 inches, 64 pages, 1/78  
 ///5796-AQT

SH20-2033

CARDHOLDER ACCOUNTING, IUP 5796-AQR, TERMINAL USER'S GUIDE

The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQR). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.

Manual  
 ///5796-AQR

SH20-2035

COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING SYSTEM  
IUP 5796-ATA, -ATB, USER TRAINING MANUAL (CURRENT RELEASE)

This manual provides the end user with detailed operating instructions for the Computer-Graphics Augmented Design and Manufacturing System. Included are descriptions of the hardware associated with the system, theory of system operation and detailed graphics console operating procedures. Each user function is described in a manner designed to help the end user readily understand and apply it.

Manual, 8 1/2 x 11 inches, 448 pages, 6/80  
 ///5796-ATA, 5796-ATB

SH20-2036

COMPUTER-GRAPHICS AUGMENTED DESIGN & MANUFACTURING SYSTEM  
IUP 5796-ATA, -ATC, -ATE, -ATG, NUMERICAL CONTROL SUPPLEMENT  
USER TRAINING

This manual addresses the detailed capabilities of the Numerical Control Function within the Computer-Graphics Augmented Design and Manufacturing System.

The user of this manual should have a suitable background in the use of NC machines, machining practices, and shop theory. Training in the basic geometric applications, as described in the User's Training Manual, SH20-2035, is a prerequisite.

Capabilities addressed include the generation, verification and editing of cutter path information and the positioning (nesting) of sheet metal part geometrics to optimize material usage.

Manual, 8 1/2 x 11 inches, 48 pages, 10/77  
 ///5796-ATB

SH20-2037

TIME SERIES DATA BASE MAINTENANCE - TREND ANALYSIS S/370  
IUP 5796-AQN, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Time Series Data Base Maintenance program is a batch support program designed to support the Trend Analysis/370 Program Product (5740-F12). This program takes time series data values from a user-prepared sequential file and loads it into the Trend Analysis time series data base. Each record in the file contains the Trend Analysis source, organization, and data element numbers for the data to be loaded along with the date, frequency and value of the data. The program makes it possible to handle a variety of user applications with a single batch time series data entry program. The individual user programs to create the standard interface need not make DL/I calls and are independent of source language interface restrictions. This IUP is installed at First National Bank of Chicago.

Manual, 8 1/2 x 11 inches, 20 pages, 5/78  
 ///5796-AQN

SH20-2038

DATA BASE COPY PROGRAMS - TREND ANALYSIS/370,  
IUP 5796-AQL, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The Data Base Copy Programs are a set of batch support programs designed to enhance the Trend Analysis/370 Program Product (5740-F12). The basic programs are designed to copy the description data base and the display data base of TA/370. The Description Data Base Copy program helps the Trend Analysis user to install new applications under Trend Analysis by allowing him to selectively copy data from data bases in a test environment to data bases in a production environment (and vice versa). The description and time series data for user-specified Trend Analysis source numbers is copied from one set of data bases (either production or test) to a magnetic tape and then from the tape to the second set of data bases.

The program is most useful to Trend Analysis users who may have several Trend Analysis applications installed in a production on-line environment and wish to add new applications. The designers of these new applications can work with them in a test data base environment with minimal impact on the production system and once tested, the new applications can be quickly put into the production system.

The Display Data Base Copy program is essentially as described for the previous one, however data from the Trend Analysis Display Data Base is in this case being copied. The user specifies one or a series of display data base menu records to be copied from either his test or production data base, and the program creates the input card deck needed to run the Trend Analysis display data base maintenance program. The display data base maintenance program is then used to add the menu records to the other of the user's display data bases. This IUP is installed at First National Bank of Chicago.

Manual, 8 1/2 x 11 inches, 20 pages, 5/78  
 ///5796-AQL

SH20-2039

DASD UTILIZATION ANALYSIS - TREND ANALYSIS/370,  
IUP 5796-AQK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The DASD Utilization Analysis program is a batch support program designed to support the Trend Analysis/370 Program Product (5740-F12). This program determines the proportion of the time series data base being used by each Trend Analysis user application. A report is produced showing segment counts by Trend Analysis source number and the total DASD usage by source in bytes and as a percent of the whole. The storage usage report can be formatted to show subtotals for user groups having several Trend Analysis applications installed. This IUP is installed at First National Bank of Chicago.

Manual, 8 1/2 x 11 inches, 20 pages, 5/78  
 ///5796-AQK

SH20-2040

ALAMO NATIONAL BANK AUTHORIZATION SYSTEM 5796-AQQ,  
DESCRIPTION/OPERATIONS

This manual describes the capabilities of the Authorization System (IUP 5796-AQQ). Information is provided on the installation and use of the system.

Manual  
 ///5796-AQQ

SH20-2041

MERCHANTS ACCOUNTING/DATA ENTRY IUP 5796-AQP, CARDHOLDER  
ACCOUNTING, IUP 5796-AQR, TERMINAL USER'S GUIDE

The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQP). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.

Manual  
 ///5796-AQP, 5796-AQR

SH20-2042

MERCHANTS ACCOUNTING/DATA ENTRY IUP 5796-AQP,  
DESCRIPTION/OPERATIONS

The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQP). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.

Manual



///5796-AQP

///5796-ARJ

SH20-2043

MERCHANTS ACCOUNTING/DATA ENTRY, IUP 5796-AQP, TERMINAL USER'S GUIDE

The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQP). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.

Manual  
///5796-AQP

SH20-2048

EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, DESCRIPTION/OPERATION

The EPIC:SOCRATES Online Maintenance System was developed by the Evansville-Vanderburgh School Corporation, Evansville, Indiana. EPIC:SOCRATES is a well known IBM product used throughout the education environment for the scheduling of students in secondary schools, vocational schools, community colleges and colleges. Now EPIC:SOCRATES users can realize the advantages of online inquiry and update in a DOS/VIS CICS/VS environment, to the EPIC:SOCRATES scheduling files with this Installed User Program.

The EPIC:SOCRATES ONLINE MAINTENANCE SYSTEM is an integrated set of programs designed to provide users of EPIC:SOCRATES with an online vehicle to inquire into and update EPIC:SOCRATES scheduling files.

This publication contains the necessary information to install, operate, modify, and maintain the system. The manual is both a system description and an installation and operations reference document.

Manual, 8 1/2 x 11 inches, 332 pages, 1/78  
///5796-AQW

SH20-2049

EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, TERMINAL USER'S GUIDE

The EPIC:SOCRATES Online Maintenance System was developed by the Evansville-Vanderburgh School Corporation, Evansville, Indiana. EPIC:SOCRATES is a well known IBM product used throughout the education environment for the scheduling of students in secondary schools, vocational schools, community colleges and colleges. Now EPIC:SOCRATES users can realize the advantages of online inquiry and update, in a DOS/VIS CICS/VS environment, to the EPIC:SOCRATES scheduling files with this Installed User Program.

Manual, 8 1/2 x 11 inches, 132 pages, 1/78  
///5796-AQW

SH20-2053

ANATOMY AND PHYSIOLOGY, IUP 5796-AQX, DESCRIPTION/OPERATION

IUP 5769-AQX, developed by the University of Evansville in Indiana, provides individualized drill and practice in selected areas of anatomy and physiology. Through learner control, the student may choose any of seventeen units and review such topics as how the body controls and integrates its functions, maintains the metabolism of the body, or fluid balance.

The orientation of the course is review via multiple choice or true/false questions with the student receiving appropriate hints or positive reinforcement depending on the selected answer. Upon completion of a unit the student is given a progress report on his performance for that unit and is given the opportunity to continue with the next sequential unit, select another unit of his choice, or sign off. The course will execute in the Interactive Instruction System or Coursewriter III environment.

Manual, 8 1/2 x 11 inches, 48 pages, 1/78  
///5796-AQX

SH20-2055

DELEGATION - A MANAGEMENT TRAINING COURSE IUP 5796-AQY, DESCRIPTION/ADMINISTRATION

Delegation - A Management Training Course, developed by IBM Advanced CBT Development in Poughkeepsie, New York, is designed to assist managers in obtaining results through delegation of work. Topics include characteristic of delegation, identifying work to be delegated and guidelines to effect delegation. The course will operate in an Interactive Training System or Interactive Instructional System environment.

Manual, 8 1/2 x 11 inches, 16 pages, 1/78  
///5796-AQY

SH20-2069

IMS/VS MASTER TERMINAL OPERATOR TRAINING-II, IUP 5796-ARJ, STUDENT WORKBOOK

This Student Workbook is required by students when taking the course.

For information about this program, see abstract for G320-6052 (5796-ARJ).  
Manual, 8 1/2 x 11 inches, 118 pages, 12/77

SH20-2071

IMS/VS MASTER TERMINAL OPERATOR TRAINING-II, IUP 5796-ARJ, COURSE DESCRIPTION/ADMINISTRATION MANUAL

This manual is a course description and an installation and administration reference document.

For information about this program see abstract for G320-6052 (5796-ARJ).  
Manual, 8 1/2 x 11 inches, 7 pgs, 12/77  
///5796-ARJ

SH20-2074

MAINTENANCE, ENGINEERING AND STORES SYSTEM, IUP 5796-ARP, ARQ, ARR, ARW, ARX, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The North Central Airlines Maintenance Engineering and Stores System for S/370 OS/VS2 MVS offers a multi-industry solution to problems in such areas as control of maintenance, preventive maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.  
Manual, 8 1/2 x 11 inches, 136 pages, 6/78  
///5796-ARP, 5796-ARR, 5796-ARQ, 5796-ARX, 5796-ARW

SH20-2075

MAINTENANCE, ENGINEERING AND STORES SYSTEM, IUP 5796-ARP, ARQ, ARR, ARW, ARX, USER'S GUIDE

The North Central Airlines Maintenance Engineering and Stores System for S/370 OS/VS2 MVS offers a multi-industry solution to problems in such areas as control of maintenance, preventive maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.  
Manual, 240 pages, 6/78  
///5796-ARP, 5796-ARQ, 5796-ARX, 5796-ARR, 5796-ARW

SH20-2076

LISP/370, IUP 5796-PKL, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

LISP/370 is a programming language designed for processing complex, structured data, with an emphasis on list and tree structures. It features automatic storage management, easy definition of recursive functions, conversational execution/debugging features, and an interpreter which can directly evaluate symbolic expressions or programs without prior compilation. These features all contribute to increasing the efficiency of the LISP programmer.

Because symbolic LISP programs are also proper LISP data objects, LISP is a natural choice for applications which involve the representation of intelligence or knowledge, as in natural language or query processing systems and artificial intelligence research, for applications dealing with program structure, such as automated program test and verification systems, and for applications involving automatic program generation such as compilers and application generation systems.  
Manual  
///5796-PKL

SH20-2082

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

The installed user program mentioned in the title was developed by the DISCOVER Foundation, Inc. in Westminster, Maryland and was designed as a systematic career guidance program to enhance normal career development for school children in grades seven through twelve.  
Manual, 8 1/2 x 11 inches, 244 pages, 1/78

SH20-2083

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, INSTALLATION GUIDE

For information about this program, see abstract for SH20-2082.

Manual, 8 1/2 x 11 inches, 76 pages, 3/78

SH20-2085

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, TERMINAL USER'S RESOURCE GUIDE

For information about this program see abstract for SH20-2082.

Manual, 8 1/2 x 11 inches, 64 pages, 3/78  
///5796-AYA, 5796-AYB, 5796-AYC

SH20-2086

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, IN SERVICE TERMINAL MANUAL

For information about this program see abstract for SH20-2082.

Manual, 8 1/2 x 11 inches, 76 pages, 3/78

SH20-2087

GRAPHIC ONLINE DIAGRAM DISPLAY, FDP 5798-CWX, NOTICE DESCRIPTION/OPERATIONS

The Graphic One-Line Diagram Display program computes an electrical one-line diagram for display on a graphic terminal and provides a command structure for data editing. The program can also be used with a user's load flow program to display interactively the results of load flow calculations and to prepare new load flow cases.

The purpose of this Program Description and Operations Manual is to provide sufficient information to understand, install, and successfully use this program application. It assumes familiarity with the data normally used in Load Flow studies and data formats associated with the load flow computer application. Experience with an IBM interactive system, TSO or VM/CMS, would be useful.

Manual  
 ////5798-CWX

////5796-ATF

SH20-2097

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING STATISTICAL DATA MODULE, IUP 5796-ATG, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 36 pages, 6/78  
 ////5796-ATG

SH20-2091

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING CAD ONLY INTERACTIVE MODULE IUP 5796-ATA INSTALLATION PROGRAMMER'S GUIDE (CURRENT RELEASE)

The Computer-Graphics Augmented Design and Manufacturing System for S/370 with OS/VS1 or OS/VS2 (CADAM is a registered trademark of the Lockheed Corporation) is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 40 pages, 6/78  
 ////5796-ATA

SH20-2098

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING ACCOUNTING INFORMATION MODULE, IUP 5796-ATH, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 32 pages, 6/78  
 ////5796-ATH

SH20-2092

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING CAD/CAM INTERACTIVE MODULE IUP 5796-ATB, INSTALLATION PROGRAMMER'S GUIDE (CURRENT RELEASE)

The Computer-Graphics Augmented Design and Manufacturing System for S/370 with OS/VS1 or OS/VS2 (CADAM is a registered trademark of the Lockheed Corporation) is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 40 pages, 6/78  
 ////5796-ATB

SH20-2099

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING GEOMETRY INTERFACE MODULE, IUP 5796-ATJ, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 60 pages, 6/78  
 ////5796-ATJ

SH20-2093

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING DATA MANAGEMENT MODULE, IUP 5796-ATC, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 40 pages, 6/78  
 ////5796-ATC

SH20-2102

PL/I F16 CREATION PROGRAM FOR APL DATA INTERFACE IUP 5796-PAK, DESCRIPTION/OPERATIONS

The PL/I File Creation Program for APL Data Interface provides faster file creation and decimal data representation for the APL Data Interface IUPs 5796-PAK, 5796-PKB and 5796-PJZ.

This manual describes how to install checkout and use this IUP.

Manual  
 ////5796-PAK

SH20-2094

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING HARDCOPY MODULE, IUP 5796-ATD, INSTALLATION AND PROGRAMMER'S GUIDE

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 64 pages, 6/78  
 ////5796-ATD

SH20-2109

CONTROLLING JES 2 I/O DEVICES - OPERATOR TRAINING MINI COURSES IUP 5796-PLD COURSE DESCRIPTION AND ADMINISTRATION

This IUP consists of fourteen mini courses which teach JES2 commands and control of JES2 readers, remote job entry lines, printers, and punches.

This course was originally developed for use at the IBM Santa Teresa Programming Development Center, San Jose, CA to train MVS/JES2 computer operators. Included in this manual are procedures to install and administer the course under the Interactive Instructional System (5748-XX6).

Manual, 20 pages, 1/79  
 ////5796-PLD

SH20-2095

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING APT INTERFACE MODULE, IUP 5796-ATE, INSTALLATION AND PROGRAMMER'S GUIDE

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 36 pages, 6/78  
 ////5796-ATE

SH20-2110

P/C 3600 TRANSACTION DOCUMENTOR AND CROSS-REFERENCE, LIC PROG 5796-ATR

The PC/3600 Transaction Documentor and Cross-Reference IUP is a tool for application development using the Program Customizer for 3600-DOS/VS or OS/VS. The IUP consists of two programs, each of which produces a report relating Transaction Specifications and Processing Functions.

This manual describes the capabilities and uses of the IUP. A system overview, a system flowchart and program descriptions are included. This document also serves as an installation and operations guide for both the DOS/VS and OS/VS environment.

Manual, 8 1/2 x 11 inches, 30 pages, 10/78  
 ////5796-ATR

SH20-2096

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING TELECOMMUNICATIONS MODULE, IUP 5796-ATF, INSTALLATION AND PROGRAMMER'S GUIDE

The Computer-Graphics Augmented Design and Manufacturing System (CADAM is a registered trademark of the Lockheed Corporation) for S/370 OS/VS1 or OS/VS2 is a modular, interactive graphics system for computer-aided design and manufacturing. This manual describes the installation and operating instructions for one of the nine functional modules that constitute the system.

Manual, 8 1/2 x 11 inches, 44 pages, 6/78

SH20-2111

STAIRS/VS TRAINING IUP 5796-PLF COURSE DESCRIPTION/ADMINISTRATION

This is a computer-based training course that teaches personnel individually at terminals how to use the important online commands of STAIRS/VS. The course enables end-users to take advantage of the full complement of commands for selecting and accessing documents from STAIRS data bases.

This manual provides descriptive information on the course and includes procedures to install and administer the course under the Interactive Instructional System (5748-XX6)

Manual, 8 1/2 x 11 inches, 24 pages, 2/79  
 ////5796-PLF

SH20-2113

CONTROLLING JES2 I/O DEVICES - OPERATOR TRAINING MINI COURSES IUP 5796-PLD, STUDENT MATERIALS  
 This IUP consists of fourteen mini courses which teach JES2 commands and control of JES2 readers, remote job entry lines, printers, and punches.  
 This course was originally developed for use at the IBM Santa Teresa Programming Development Center, San Jose, CA to train MVS/JES2 computer operators.  
 Manual, 40 pages, 1/79  
 ////5796-PLD

3600 network.

This manual provides information necessary to install, operate, and maintain the program. A section is provided which describes potential modifications.  
 Manual  
 ////5796-AWB

SH20-2115

APL CONTINUOUS SYSTEM MODELLING PROGRAM, IUP 5785-KAE  
DESCRIPTION/OPERATIONS  
 The APL Continuous System Modelling Program for VS APL (APL-CSMP) Installed User Program consists of a set of interactive APL functions that enable the user to define and execute digital models of continuous systems. These models are sets of mathematical equations which may contain pre-defined mathematical functions and special operation blocks supplied by APL-CSMP. Facilities allowing definition and changing of parametric data, end conditions, error bounds for computations, selection of the integration method, and control of the display of the results produced by the simulation run can also be included within the model source. Language has a syntax very similar to that of CSMP III, program product 5734-SX9.  
 Manual, 60 pages, 12/78  
 ////5785-KAE

SH20-2121

3760 AUTOMATED DOS/VS JOB SUBMISSION, IUP 5796-AWA  
DESCRIPTION/OPERATIONS  
 This 3760/BTP subroutine adds all the JCL to a 3760 batch at extraction time and places it directly in the Power/VS reader queue, ready to be run. Numerous SYSI-PT disk extents are eliminated, host operator job initiation time is reduced, and communication between data entry and host operator is minimal and formalized.  
 Manual, 8 1/2 x 11 inches, 16 pages, 12/78  
 ////5796-AWA

SH20-2116

3800 SYSTEM DESIGN AND DOCUMENTATION AID, IUP 5796-ATY  
DESCRIPTION/OPERATION  
 The 3800 Design and Documentation Aid, 5796-ATY, developed by The Firestone Tire and Rubber Company, Akron, Ohio, provides OS/VS COBOL and 3800 Printer data processing organizations with the ability to standardize and easily maintain installation documentation. Using the Hierarchy plus Input-Process-output (HIPO) technique, standardized documentation for installation management activities is produced on the 3800 Printer in the form of Visual Table of Contents (VTOC's) and HIPO diagrams. Commands are in 80-character images which are submitted either through cards or TSO. The program is a series of modules written in OS/VS COBOL.  
 Manual  
 ////5796-ATY

SH20-2123

PROJECT EVALUATION AND CONTROL SYSTEM, IUP 5785-EAE  
DESCRIPTION/OPERATIONS  
 The Project Evaluation and Control System is designed to plan, track, and control projects with manning levels between 3 and 15 people. It is especially suited to DP development projects. The IUP offering consists of an integrated set of forms, procedures, and APL functions to establish the personnel resources required to produce a system or product and trace the performance of project members in meeting the project schedule.  
 Manual, 8 1/2 x 11 inches, 268 pages, 12/78  
 ////5785-EAE

SH20-2119

DOS/VS HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ATZ, INSTALLATION GUIDE  
 This IUP, the DOS/VS Health Care Support/DL/I Patient Care System is a hospital wide computer information system that provides a communication link between the admissions office, nursing stations, ancillary departments, accounting, and the Medical Records Department. The original OS/VS version of the systems (5796-ANY) was developed by the Duke University Medical Center in Durham, North Carolina. This DOS/VS version was provided by Good Samaritan Hospital in Cincinnati, Ohio. The system was designed to facilitate, expedite, and integrate the delivery of health care services and the operation of the hospital through efficient data processing. It is a user driven system through which the service departments and nursing stations may manipulate and manage patient records. This is accomplished by entering doctors' orders through video displays on the nursing stations. The orders are transmitted to the appropriate ancillary departments, as well as being added to the patient's data base record. The ancillary departments have the ability to display and/or print work to be done (worklists) and to enter results. Results may then be transmitted back to the nursing station in hard copy form to become a part of the chart, if desired. The result becomes a part of the patient's data base record and is available for inquiry through a video display to authorized personnel. Cumulative summaries may also be produced. Charges for these services are automatically collected and made available to the accounting system. Upon patient discharge, medical record abstracts are prepared.

The system provides support for the ancillary departments at Duke University Medical Center. However, it is implemented in such a way that it is easily modifiable to meet individual hospital needs. It can also be implemented in a modular fashion supporting those departments deemed necessary in each individual hospital.

Highlights of the system include:

- . Doctors' orders are transmitted to the appropriate ancillary department, and made part of the patient's record.
  - . Results become part of the data base and are transmitted at the appropriate area.
  - . Inquiry to determine order status and/or results.
- Manual, 28 pages, 12/78  
 ////5796-ATZ

SH20-2124

DOSCHECK USER GUIDE INSTALLED USER EDUCATION OFFERING  
 This publication provides overviews and distribute procedures for DOSCHECK. DOSCHECK is a document processing system designed to capture and distribute MCR items via the 3890 Document Processor.  
 Manual, 8 1/2 x 11 inches, 189 pages, 1/79

SH20-2126

LABORATORY DATA MANAGEMENT SYSTEM II, IUP 5796-AWC  
DESCRIPTION/OPERATIONS  
 The Laboratory Data Management System II (LDMS II) is the system currently supporting the laboratories at the University of Alabama in Birmingham. This IUP assists the laboratory in handling patient and laboratory data associated with total processing of laboratory requisitions from their receipt to the production of the patient's cumulative test results report. It supports all sections of the laboratory including microbiology, blood bank and pathology. Its primary objectives are to reduce the clerical workload, reduce error, decrease turn-around time and produce a patient's cumulative summary of test results.  
 LDMS II supersedes Laboratory Data Management Systems (5796-AHD) and Laboratory Data Management Systems - Enhancements (5796-APB). LDMSII incorporates all of the features of these previous two IUPs plus some recent additions. The major change is the exclusive use of VSAM.  
 Manual, 8 1/2 x 11 inches, 542 pages, 4/79  
 ////5796-AWC

SH20-2127

3790 BASIC KEY TO DISK SYSTEM IUP 5796-AWF  
DESCRIPTION/OPERATIONS  
 The 3790 Basic Key to Disk System provides a means of replacing keypunch or 3760 Data Entry units, in a 3790 environment with 3277-2 displays. The package was not designed as a high-speed transcriptive data entry package such as the 3760/3790. It is intended to supplement interactive data entry applications with the ability to do low volume data entry with minimal editing at key entry time. All of the functions of a 129 or 3742 are supported, with the exception of Auto Record Advance, Multipunch, and Prompting. Features include:

1. Format (Drum Card) definition and maintenance
2. Limited display formatting capability
3. Data Entry Model
4. Verify Mode
5. Batch management and status functions
6. SYSEdit Link to prepare data for transmission
7. Format printing or display
8. Paging Mode including:
  - Forward Space
  - Backward Space
  - Delete a Record
  - Change a Record
  - Resume Data Entry
9. Update Mode
10. A gangpunch function
11. A search function

Manual, 8 1/2 x 11 inches, 48 pages, 2/79  
 ////5796-AWF

SH20-2120

3600 STATISTICS AND MESSAGE LOG FOR CICS/DOS/VS IUP 5796-AWE, DESCRIPTION/OPERATIONS  
 This IUP allows the report functions of FDP 5798-CLC to be obtained under CICS/DOS/VS (This FDP is a prerequisite for successful operation of the IUP). The reports provided by this IUP assist the user in the tuning and controlling of a

SH20-2128

DOS/CICS/VS IBM 3270 CONTROL FOR REMOTE IBM 3600 SYSTEMS, IUP 5796-AWG DESCRIPTION/OPERATIONS  
 The DOS/CICS/VS 3270 Control for Remote 3600 Systems IUP was written by St Louis County Bank in Clayton, Missouri. This application allows a host site systems programmer or network coordinator to communicate with a remote 3600 controller and perform the following functions:

- Initiate forwarding of files and system log.
  - Open up operations
  - Close down operations
  - Terminate operations
  - Set time and date
  - Set global threshold
  - Record general error counters
  - Record device error counters
- The transactions are initiated at the host via a 3277-2 or 3278-2 terminal running under DOS/CICS/VS and create CPU initiated transactions for 3600 applications written using Program Customizer/3600 (Program Product 5746-F11). Manual, 8 1/2 x 11 inches, 36 pages, 1/79  
 ////5796-AWG
- Gn20-2136  
ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK REPORTS, PROG 5748-F13, GENERAL INFORMATION  
 The Electronic Payment Systems Support/Check Reports program product provides reports on reject analysis, incoming work, and outgoing work. Special emphasis is placed on funds availability. Reports on 3890 Document Processor performance and operator productivity are also provided. The program is designed to run in either of two operating system environments: DOS/VS, using the output from the Check Processing DOS/VS (DOSCHECK) program product; or OS/VS, using the output from the Check Processing Control System program product with the PCCS/3890 Feature. This publication describes the report formats provided by the program product and gives the reader a general knowledge of the system without reference to program detail. The reader is presumed to have a basic understanding of check processing and familiarity with the IBM 3890 Document Processor. Manual, 50 pages, 6/78  
 ////5748-F13
- Sn20-2137  
3277 GRAPHICS ATTACHMENT SUPPORT (PROGRAMMING RPQ P09013), LIC PROG 5799-AXX, PROGRAM REFERENCE AND OPERATIONS  
 This program provides device support, application development support, and two applications (line art and graph generation) for the IBM 3277 Graphics Attachment (RPQ 7H0284). This manual presents the information necessary to install and use this program. Manual, 236 pages, 5/79  
 ////5799-AXX
- Sn20-2138  
3277 APL GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXW, PROGRAMMING REFERENCE AND OPERATIONS MANUAL  
 IBM 3277 APL Graphics Attachment Support is an integrated collection of APL functions that offers an economic and effective way of adding graphics to the APL computing environment. These functions provide an interface between the user and device-dependent functions that support the IBM 3277 Graphics Attachment. This manual introduces these APL functions and describes how to use each function. The package contains components for basic graphics support and for four applications: curve plotting, curve fitting, contour plotting, and three dimensional geometry. The user is assumed to be familiar with APL. The manual also describes installation procedures and device-dependent considerations for the IBM 3277 Graphics Attachment RPQ. Manual, 92 pages, 4/79  
 ////5799-AXW
- GH20-2140  
AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF) GENERAL INFORMATION MANUAL  
 This General Information Manual describes the functions and processing of the Airline Control Program Transaction Processing Facility (ACP/TPF) System. Included in this manual are the hardware-supported and the customer responsibilities for use of the system. This manual also provides customer executives, systems administrators, systems analysts, systems programmers and application programmers with a fundamental understanding of the Airline Control Program/Transaction Processing Facility. General information manual, 68 pages, 5/79  
 ////5748-T11
- Ga20-2141  
ACP/TPF APPLICATION PROGRAMMING GUIDE  
 This document is intended as a guide to basic applications programming under an ACP System. Although some areas discussed will be helpful to designers, this manual is not intended as an application design guide. The intended audience for this document are the basic application programmers who, in practice, are given an overall design and are expected to provide detail design, coding and implementation. The only prerequisite to the use of this manual is a working knowledge of data processing and basic assembler language. Manual, 8 1/2 x 11 inches, 118 pages, 6/81  
 ////5799-WKG
- GH20-2146  
3277 GRAPHICS ATTACHMENT SUPPORT, RPQ P09013 LIC PROG 5799-AXX, GENERAL INFORMATION  
 This publication contains general information about the IBM 3277 Graphics Attachment Support Programming RPQ P09013 (Program Number 5799-AXX). It is intended for installation managers, system programmers, and application programmers who are responsible for supporting the IBM 3277 Graphics Attachment RPQ 7H0284. Manual, 40 pages, 1/79  
 ////5799-AXX
- GH20-2147  
3277 APL GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXW, GENERAL INFORMATION  
 This document describes in general terms the organization and components of this APL support package for the IBM 3277 Graphics Attachment (RPQ 7H0284). APL functions in each of the five components are described briefly. The programming and systems environments are summarized as well as requirements for installation and use. This programming RPQ is available on special quotation only. Manual, 24 pages, 9/78  
 ////5799-AXW
- GH20-2149  
DISTRIBUTED SYSTEMS EXECUTIVE (DSX), LIC PROG 5748-XXG, GENERAL INFORMATION  
 The IBM Distributed Systems Executive (DSX) is a set of System/370 programs and files that store, manage, and distribute software modules and data in a distributed data processing network. The network may consist of the System/370 host with either IBM 8100 Information System processors or IBM 3790 Communication System controllers, or both. This manual gives general information needed to evaluate DSX and plan for its installation. Manual, 36 pages, 11/78  
 ////5748-XXG
- GH20-2150  
3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG 5748-D22, GENERAL INFORMATION  
 POS Application/Store Data Management is designed to enhance the building and modifying of store controller files, the staging of report data for the System/370 host system, and the maintaining of backup files in a companion store controller. This application program product can be used to simplify the management of store information and to improve reporting capabilities in a retailing company. This manual provides an overview, which can aid customer personnel in evaluating applicability of the program product to their business requirements, and in initial planning for implementation. Discussions of customer responsibilities, programming prerequisites, and minimum machine configurations are included. Manual, 44 pages, 10/78  
 ////5748-D22
- GH20-2151  
S/370 INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4 (CICS OS/VS, IMS/VS), 5746-AM1 (CICS DOS/VS), GENERAL INFORMATION  
 The Interactive Personnel System is a terminal-oriented system to assist personnel departments. It can be used to store and maintain personnel information and to perform personnel management and administration functions. The security and integrity of personnel data is a feature of the system. In its supplied form, the Interactive Personnel System is ready to perform a large number of personnel functions (applications). The system can also perform functions specified by the user. To make this possible, a facility called the procedure definition language enables the user with little data processing knowledge to apply the necessary instructions to the system. The Interactive Personnel System runs in both online and batch mode under DOS/VS with DL/I DOS/VS and CICS/DOS/VS, or under OS/VS with IMS/VS or IMS/VS and CICS/OS/VS. This manual is intended as an introduction to the Interactive Personnel System for personnel managers, personnel department staff, and system programmers. Details of associated manuals are given in the Bibliography. Manual, 68 pages, 8/78  
 ////5740-AM4, 5746-AM1
- GH20-2152  
INTERACTIVE GEO-FACILITIES GRAPHIC SUPPORT, LIC PROG 5799-AYB, GENERAL INFORMATION  
 The Interactive Geo-Facilities Graphic Support programming RPQ is a set of high-level interactive graphic programs written in FORTRAN IV and OS/VS Assembler. These programs are intended for use on a System/370, with VM/370-CMS or OS/VS2 with TSO, and with a graphics workstation comprising an IBM 3277-2 display with the Graphics Attachment RPQ (7H0284). They will allow implementation of a wide variety of applications and provide for:
  - Creating and maintaining graphic documents with a minimum of user programming
  - Data entry, editing, updating, and displaying of a geographically oriented facilities data base
  - Defining and specifying user interaction with the system using menu keys, data entry keyboard, and picture

- components
  - Symbol and character generation from a user-specified symbol table, and graphic representations of user data items
  - The ability to maintain multiple relationships between facilities, picture data and the associated problem data structure of the application
- Manual, 76 pages, 6/79  
 ///5799-AYB

Sh20-2153

HIERARCHICAL MONITOR SYSTEM FOR THE 3630 (HMS/3630), LIC PROG 5799-AXD PRQ MJ6871, PROGRAM REFERENCE & OPERATIONS  
 This manual describes the capabilities of HMS/3630, a monitor program that enhances the user's ability to install the IBM 3630 System in either a host-connected or standalone environment. Discussion of design assumptions and potential modification areas is included. Record and file layouts are described and primary processing procedures specified. This manual is both a system description and reference document. monitor program that enhances the user's ability to install the IBM 3630 System in either a host-connected or standalone environment. Discussion of design assumptions and potential modification areas is included. Record and file layouts are described and primary processing procedures specified. This manual is both a system description and reference document. Manual, 8 1/2 x 11 inches, 246 pages, 6/79  
 ///5799-AXD

GH20-2157

ACP/TRANSACTION PROCESSING FACILITY, LIC PROG 5748-T11 CONCEPTS AND ARCHITECTURE  
 This manual describes the Airlines Control Program/Transaction Processing Facility including the feature for the support of the System Network Architecture Advanced Communications Function. Program/Transaction Processing Facility including the feature for the support of the System Network Architecture Advanced Communications Function. Manual, 8 1/2 x 11 inches, 404 pages, 1/79  
 ///5748-T11

Sh20-2159

PATIENT CARE SYSTEM - RADIOLOGY, IUP 5796-AWJ DESCRIPTION/OPERATIONS  
 The Radiology IUP was written by Parkland Memorial Hospital in Dallas, Texas. The System operates as an application under the Patient Care System IUP. The System provides for entry of radiology orders (from nursing stations), including multiple procedures on one requisition. Result reporting may be free form text for abnormal x-rays, or text generation by the entry of a three letter code for normal x-rays. Interim results are printed at the nursing station. The system also provides for the printing of requisitions and flash cards, logging of patients, statistical gathering and reporting, and capturing and displaying of film history. Manual  
 ///5796-AWJ

Sh20-2160

PATIENT CARE SYSTEM - RADIOLOGY, IUP 5796-AWJ, TERMINAL USERS GUIDE  
 The Radiology IUP was written by Parkland Memorial Hospital in Dallas, Texas. The System operates as an application under the Patient Care System IUP. The System provides for entry of radiology orders (from nursing stations), including multiple procedures on one requisition. Result reporting may be free form text for abnormal x-rays, or text generation by the entry of a three letter code for normal x-rays. Interim results are printed at the nursing station. The system also provides for the printing of requisitions and flash cards, logging of patients, statistical gathering and reporting, and capturing and displaying of film history. Manual  
 ///5796-AWJ

Sh20-2162

ADMINISTERING THE INTERACTIVE INSTRUCTIONAL SYSTEM IUP 5796-PLJ, DESCRIPTION/OPERATIONS  
 Administering the Interactive Instructional System, Installed User Program 5796-PLJ, a computer-based training course is for personnel who are administrators using the Interactive Instructional System (5748-XX6). The course teaches the major functions of an administrator, Interactive Instructional System components and high activity administrator commands. Included are how to set up and use Interactive Instructional System files, provide basic author and student services and estimate resource requirements for operations.

Consideration is given to both central site and remote student support. While certain parts of the course are applicable for administrators with IMS versions of the Interactive Instructional System, there are differences in the environment which are not addressed and therefore, the course is distributed only for installation with the Interactive Instructional System operating in environments other than IMS.

Manual, 16 pages, 1/79  
 ///5796-PLJ

SH20-2163

LABORATORY DATA ACQUISITION SYSTEM IUP 5796-AWH, DESCRIPTION/OPERATIONS  
 For information about this program see abstract for L20-2413. This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program. support laboratory instruments other than those supplied Manual  
 ///5796-AWH

SH20-2165

A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PLN, DESCRIPTION/OPERATIONS  
 A Departmental Reporting System Version 2 is a system designed to allow a business professional with little or no DP experience to produce reports customized to his requirements. It is written in VSAPL and operates under all current VSAPL environments. This manual describes the functions and capabilities of the system and programs. Complete instructions are included for producing a variety of management reports from data bases built and maintained by the user. Manual  
 ///5796-PLN

SH20-2167

PROBLEM DETERMINATION FOR MVS OPERATORS IUP 5785-LAC COURSE DESCRIPTION/ADMINISTRATION  
 This computer-based training course is for MVS console operators who work with an IBM System 370/158 or 370/168. The course teaches operators how to diagnose the functional status of their system, interpret messages issued by their system, initiate actions to prevent system interruption and compile documentation of occurrence of system problems. Divided into two parts: System 370 Principles of Operation and Problem Determination, this course also stresses the use of documentation by operators in determining problems. The course operates under the Interactive Instructional System (5748-XX6). This manual is designed to aid the student in taking the course and provides material for use while the student is at the terminal. Manual  
 ///5785-LAC

SH20-2168

PROBLEM DETERMINATION FOR MVS OPERATORS IUP 5785-LAC STUDENT MATERIALS  
 This computer-based training course is for MVS console operators who work with an IBM System 370/158 or 370/168. The course teaches operators how to diagnose the functional status of their system, interpret messages issued by their system, initiate actions to prevent system interruption and compile documentation of occurrence of system problems. Divided into two parts: System/370 Principles of Operation and Problem Determination, this course also stresses the use of documentation by operators in determining problems. This manual describes the procedures to install and administer this course under the Interactive Instructional System (5748-XX6). Manual  
 ///5785-LAC

SH20-2173

HEALTH CARE SUPPORT/DL/I UTILIZATION REVIEW SYSTEM, IUP 5796-AWN, DESCRIPTION/OPERATIONS  
 The Utilization Review System Installed User Program was developed at Forsyth Memorial Hospital in Winston-Salem, NC. Utilization review is one of the major mechanisms required by the Federal Government and local institutions designed to contain hospital costs while monitoring the necessity and quality of patient care. This review process included: determining the necessity of an admission, the appropriateness of continued hospital stay and the effectiveness of discharge planning.

The Utilization Review System IUP is an on-line tracking and data base maintenance package that assists the hospital in performing these required procedures. Worksheets are prepared for the planning and scheduling of admission, continued stay and discharge planning reviews. Based on user-specified criteria, the patient will automatically be entered or removed from the review process. The on-line functions permit Utilization Review personnel to enter, review data and update the patient's record. The daily and monthly statistical reports for daily hospital operations and institutional reporting requirements are produced by the system.

The Utilization Review System IUP is compatible with and complimentary to the prerequisite Health Care Support/DL/I Patient Registration System (5798-CCB) and the Health Care Support/DL/I Admission System (5798-CCC).

Manual  
 ///5796-AWN

SH20-2174

APL MULTIVARIATE TIME SERIES ANALYSIS VSAPL, IUP 5796-PLX DESCRIPTION/OPERATIONS  
 The APL Multivariate Time Series Analysis IUP is an interactive model solving system that extends the techniques developed by Box and Jenkins for scalar series to the multivariate domain scalar and vector system, transfer

models, open and closed loop systems, as well as multivariate stochastic systems are included in the general model.

This manual is both a program description and installation and operations reference document.

Manual  
 ///5796-PLX

SH20-2179

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D MESH GEOMETRY MODULE, 5796-AWR, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

The 3D Mesh Geometry Module adds the capability to construct and manipulate three dimensional (3D) networks of nodes and connectors to the previously announced Computer Graphics Augmented Design and Manufacturing System. This manual provides installation and systems operating instructions for this IUP.

CADAM, Computer Graphics Augmented Design and Manufacturing, is a registered trademark of the Lockheed Corporation.  
 Manual, 8 1/2 x 11 inches, 56 pages, 6/79  
 ///5796-AWR

SH20-2180

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D SURFACE GEOMETRY MODULE, IUP 5796-AWT, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)

The 3D Surface Geometry Module adds three dimensional (3D) surface design capability to the previously announced Computer Graphics Augmented Design and Manufacturing System. This manual provides installation and systems operating instructions for this IUP.

CADAM, Computer Graphics Augmented Design and Manufacturing, is a registered trademark of the Lockheed Corporation.  
 Manual, 8 1/2 x 11 inches, 40 pages, 6/79  
 ///5796-AWT

SH20-2181

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D MESH GEOMETRY, IUP 5796-AWR, USER TRAINING MANUAL

The 3D Mesh Geometry Module adds the capability to construct and manipulate three dimensional (3D) networks of nodes and connectors to the previously announced Computer Graphics Augmented Design and Manufacturing System. This manual provides instructional and operational information for users of this IUP.

CADAM, Computer Graphics Augmented Design and Manufacturing, is a registered trademark of the Lockheed Corporation.  
 Manual, 8 1/2 x 11 inches, 60 pages, 6/79  
 ///5796-AWR

SH20-2182

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D SURFACE GEOMETRY, 5796-AWT, USER MANUAL SUPPLEMENT (CURRENT RELEASE)

The 3D Surface Geometry module adds three dimensional (3D) surface design capability to the previously announced Computer Graphics Augmented Design and Manufacturing System. This manual provides instructional and operational information for the users of this IUP.

CADAM, Computer Graphics Augmented Design and Manufacturing, is a registered trademark of the Lockheed Corporation.  
 Manual, 8 1/2 x 11 inches, 32 pages, 6/79  
 ///5796-AWT

SH20-2183

COMMERCIAL BANK 3600 TELLER APPLICATION PROGRAM, IUP 5796-AXK, DESCRIPTION/OPERATION

The Commercial Bank 3600 Teller Application Program is designed to run in an IBM 3600 Finance Communication Controller. The system is designed to assist the teller in the processing of customer transactions and to help the teller settle her work at the end of the day. The teller's basic responsibility to provide customer has not changed. What has changed with this system is the procedure the teller follows to process the transactions.

This manual describes the functional capabilities, requirements and operational features of the program. This manual is both a program description and a teller operating reference manual.

Manual  
 ///5796-AXK

SH20-2185

ELECTRONIC PAYMENT SYSTEMS SUPPORT DEPOSIT PROCESSING, LIC PROG 5740-F13, PROGRAM REFERENCE

The IBM Electronic Payment Systems Support/Deposit Processing-OS/VS program product, working in conjunction with the IBM 3895 Document Reader/Inscriber, provides a comprehensive systems approach to automating the proof/inscribing functions of check operations. Among the significant online features are: capture and inscribing of hand- or machine-printed amounts via optical character recognition, proof of deposit/adjustments processing, error correction, microfilming, system status reporting, and statistics reporting.

After a general description of Deposit Processing-OS/VS, this manual describes each program module in terms of its function(s), the processing it performs, and its input and

output. Console and printer messages and report formats are listed, where appropriate.

For additional information, refer to the Electronic Payment Systems Support/Deposit Processing-OS/VS Operations Guide (SH20-2186) and the terminal Operations Guide (SH20-2187).

Manual, 424 pages, 1/79  
 ///5740-F13

SH20-2186

ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING-OS/VS LIC PROG 5740-F13, OPERATIONS GUIDE

This publication contains an overview of the program product. It also contains guidelines for user system generation and instructions on console operations. A sample problem is included.

product. It also contains guidelines for user system generation and instructions on console operations. A sample problem is included.

Manual, 8 1/2 x 11 inches, 136 pages, 10/79  
 ///5740-F13

SH20-2187

ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING OS/VS, LIC PROG 5740-F13, TERMINAL OPERATIONS GUIDE

This Terminal Operations Guide is intended to be used as a guide by those installing the Deposit Processing system. It describes the messages and responses used by the Deposit Processing system and contains the information necessary to use a Deposit Processing system terminal. Where references are made to the 2260 Display Station, they apply equally to the 3277 Display Station unless otherwise noted.

Manual, 268 pages, 8/79  
 ///5740-F13

GH20-2188

ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, GENERAL INFORMATION

The IBM Advanced Data Communication for Stores program product is designed to enhance batch data communications and support data management in a store information network. This System/370 program product can be used by food, drug, discount department store, and other chains and wholesalers to simplify the scheduling and transmission of store data, and to improve data reconciliation and reporting capabilities throughout their dispersed retailing environments.

This manual provides an overview that can aid customer personnel in evaluating applicability of the program product to their business environments and in initial planning for implementation. Discussions of customer responsibilities, programming prerequisites, and minimum machine configurations are included.

Manual, 54 pages, 1/79  
 ///5735-XR2

GH20-2189

3650 PROGRAMMABLE STORE SYSTEM PHARMACY APPLICATION/STORE ENVIRONMENT, LIC PROG 5735-H11, GENERAL INFORMATION

Pharmacy Application/Store Environment is designed to provide on-line support for prescription processing in the pharmacy. This program product can be used to minimize clerical effort and improve data accuracy and control in a drug retailing company.

This manual provides an overview that can aid customer personnel in evaluating applicability of the program product to their business requirements. Discussions of customer responsibilities, programming prerequisites, and minimum machine requirements are included. This manual also contains information that can be used for initial implementation planning.

Manual, 56 pages, 1/79  
 ///5735-H11

GH20-2190

AIRLINES CONTROL PROGRAM (ACP), LIC PROG 5799-WKG, TAPE SUPPORT, VOLUME J8

This volume contains documentation related to the support of magnetic tape devices.

Manual, 8 1/2 x 11 inches, 496 pages, 2/79  
 ///5799-WKG

GH20-2193

3680 PROGRAMMABLE STORE SYSTEMS/SALES APPLICATION, LIC PROG 5735-D61, GENERAL INFORMATION

The Sales Application program product is designed to provide functional support for the family of IBM 3680 Point-of-Sale terminals and Point-of-Sales/Control Units in the retail environment.

This manual provides an overview which can aid in evaluating the applicability of this program product to a specific environment.

Manual, 72 pages, 1/79  
 ///5735-D61

GH20-2194

3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, GENERAL INFORMATION  
Store Administration Application is designed to enhance the Sales Application program product (5735-D61) by providing administrative functions to simplify the management of store information and to improve reporting capabilities in a retailing company.

This manual provides an overview that can aid in evaluating the applicability of this program product.  
Manual, 44 pages, 1/79  
////5735-D62

GH20-2196

INTERACTIVE GEO-FACILITIES, GRAPHIC SUPPORT, LIC PROG 5799-AYB, PROGRAMMING RPQ P09016 INTERFACE FORMAT DEFINITIONS

This publication defines a standard format for geo-facility data to be exchanged between Interactive Geo-Facilities Graphic Support programs and other subsystems, which may include map digitizing systems and a master facilities data base.

The Interactive Geo-Facilities Graphic Support Programming RPQ is a set of high-level interactive graphic programs written in FORTRAN IV and OS/VS Assembler. These programs are intended for use on a System/370, VM/370-CMS or OS/VS2 with TSO, and with a graphics workstation comprising an IBM 3277-2 display with the Graphics Attachment RPQ (7H0284). They will allow implementation of a wide variety of applications and provide for:

- Creating and maintaining graphic documents with a minimum of user programming
- Data entry, editing, updating, and displaying of a geographically oriented facilities data base
- Defining and specifying user interaction with the system using menu keys, data entry keyboard, and picture components.
- Symbol and character generation from a user-specified symbol table, and graphic representations of user data items
- The ability to maintain multiple relationships between facilities, picture data and the associated problem data structure of the application.

Manual, 48 pages, 2/79  
////5799-AYB

SH20-2200

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VS), 5746-F57 (DOS/VS), PROGRAM REFERENCE

This program product is designed to assist financial institutions in installing IBM 3614 and/or 3624 Consumer Transaction Facilities by providing transaction programs and various other programs to support an operational 3614/3624 network.

Manual, 96 pages, 3/79  
////5740-F51,5746-F57

SH20-2201

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51, OPERATION'S GUIDE

This program product is designed to assist financial institutions in installing IBM 3614 and/or 3624 Consumer Transaction Facilities by providing transaction programs and various other programs to support an operational 3614/3624 network.

Manual, 268 pages, 3/79  
////5740-F51

SH20-2202

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5746-F57, OPERATIONS GUIDE

This program product is designed to assist financial institutions in installing IBM 3614 and/or 3624 Consumer Transaction Facilities by providing transaction programs and various other programs to support an operational 3614/3624 network.

Manual, 272 pages, 3/79  
////5746-F57

SH20-2203

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VS), 5746-F57 (DOS/VS), TERMINAL USER'S GUIDE

This program product is designed to assist financial institutions in installing IBM 3614 and/or 3624 Consumer Transaction Facilities by providing transaction programs and various other programs to support an operational 3614/3624 network.

Manual, 84 pages, 3/79  
////5740-F51,5746-F57

SH20-2212

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, OPERATIONS GUIDE

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer database and related account databases for the financial institution. Online inquiry capability to the databases is provided through either the IBM 3270 Information Display System or the IBM 3600 Finance Communication System. Batch programs are provided for

converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the databases.  
Manual, 148 pages, 5/9  
////5746-XXS

SH20-2213

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, PROGRAM REFERENCE

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer database and related account databases for the financial institution. Online inquiry capability to the databases is provided through either the IBM 3270 Information Display System or the IBM 3600 Finance Communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the databases.

Manual, 8 1/2 x 11 inches, 100 pages, 5/79  
////5746-XXS,5740-XYB,5740-XYC

GH20-2214

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF) WITH A FEATURE FOR MULTISYSTEM NETWORKING, LIC PROG 5748-T11, SPECIFICATIONS

ACP/TPF provides a highly reliable, responsive solution for applications requiring a realtime transaction driven data base/data communication system. ACP/TPF is designed for use by industries which require a high performance system having the ability to support a large terminal network with thousands of terminals dispersed over a large geographical area.

Its high performance characteristics are largely due to specialized management techniques designed to optimize system efficiency in the areas of data communications, data base, and system resources. ACP/TPF is a significant enhancement to the ACP Version 9 Release 2 Modification 1 PRPQ, providing easier installation, increased usability and performance improvements.

Manual, 8 1/2 x 11 inches, 3 pages, 11/79  
////5748-T11

SH20-2216

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE (CIF/VS), LIC PROG 5740-XYC, OPERATIONS GUIDE

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer data base and related account data bases for the financial institution. Online inquiry capability to the data bases is provided through either the IBM 3270 Information Display System or the IBM 3600 Finance Communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.

Manual, 168 pages, 7/9  
////5740-XYC

GH20-2301

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF), LIC PROG 5748-T11, MAIN SUPERVISOR PROGRAM REFERENCE

This manual contains a general description and usage information about main supervisor functions or ACP/TPF, including Cycle, Restart, and Error Analysis. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.

Manual, 8 1/2 x 11 inches, 48 pages, 11/79  
////5748-T11

GH20-2302

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF), LIC PROG 5748-T11, DATA BASE CONTROL PROGRAM REFERENCE

This manual contains a general description, plus implementation and usage information for functions within ACP/TPF that control file accessing and integrity, including I/O control, device support, and file pool management. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.

Manual, 8 1/2 x 11 inches, 216 pages, 11/79  
////5748-T11



GH20-2303

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, DATA BASE SUPPORT PROGRAM  
REFERENCE

This manual contains a general description and information on the preparation for and use of the functions within ACP/TPF that assist the user in maintaining the data base and assuring its integrity. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 392 pages, 12/79  
////5748-T11

GH20-2304

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, DATA COMMUNICATIONS SERVICES  
PROGRAM REFERENCE

This manual contains a general description plus implementation and usage information for communications related functions within ACP/TPF, including message routing, terminal control, 3705 support, and unit record equipment support. The audience comprises marketing personnel, systems engineers. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 289 pages, 11/79  
////5748-T11

GH20-2305

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, SNA DATA COMMUNICATIONS PROGRAM  
REFERENCE

This manual contains a general description plus implementation and usage information about ACP/TPF support in the SNA environment. This includes device support for 3270 and 3600 systems, as it applies to the CPU host and a cluster controller. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 192 pages, 11/79  
////5748-T11

GH20-2306

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, NON-SNA DATA COMMUNICATIONS  
PROGRAM REFERENCE

This manual contains a general description plus implementation and usage information about ACP/TPF communications control programming for environments other than SNA, including airlines line control, binary synchronous communications, synchronous link control, and teletype. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 198 pages, 11/79  
////5748-T11

GH20-2307

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, CONSUMER FINANCE SUPPORT,  
PROGRAM REFERENCE

This manual contains a general description and information on preparation for, and use of, the ACP/TPF functions designed specifically for the Consumer Finance Industry. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of

terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 38 pages, 11/79  
////5748-T11

GH20-2308

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, MAGNETIC TAPE SUPPORT PROGRAM  
REFERENCE

This manual contains a general description and information on preparation for and use of the Magnetic Tape Support functions of ACP/TPF. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 20 pages, 11/79  
////5748-T11

GH20-2309

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, PROGRAMMABLE TERMINAL  
INTERCHANGE PROGRAM REFERENCE

This manual contains a general description, plus implementation and usage information about ACP/TPF support of the IBM 2969-1 programmable terminal interchange in an airline reservations environment. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 406 pages, 11/79  
////5748-T11

GH20-2310

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, SYSTEM/7 REMOTE MULTIPLEXOR  
PROGRAM REFERENCE

This manual contains a general description, plus implementation and usage information for the System/7 Remote Multiplexor, which provides an interface between various line disciplines and the airline line control functions within ACP/TPF. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 186 pages, 11/79  
////5748-T11

GH20-2311

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, HYPERVISOR PROGRAM REFERENCE

This manual contains a general description plus implementation and usage information for the ACP/TPF Hypervisor which allows a second unique operating environment, such as OS/VS or an ACP/TPF test system to cohabit the host CPU. The high performance of the native ACP/TPF system is maintained. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 108 pages, 11/79  
////5748-T11

GH20-2312

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF, LIC PROG 5748-T11, SYSTEM INSTALLATION SUPPORT  
PROGRAM REFERENCE

This manual contains a general description, plus implementation and usage information about ACP/TPF functions that support the users installation requirements, including detail specifications for running the System Initialization Program (SIP). The audience comprises marketing personnel, system engineers and customer personnel who need to



understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 539 pages, 11/79  
////5748-T11

GH20-2313

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAM DEVELOPMENT SUPPORT PROGRAM REFERENCE

This manual contains a general description, plus implementation and usage information about functions within ACP/TPF in support of user program development, such as test tools, realtime trace, and application message recovery. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 270 pages, 11/79  
////5748-T11

GH20-2314

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM PERFORMANCE AND MEASUREMENT PROGRAM REFERENCE

This manual contains a general description, plus implementation and usage information about ACP/TPF data collection and analysis functions aimed at measuring and improving system functions. The audience comprises marketing personnel, system engineers and customer personnel who need to understand the general characteristics of the function, or who are responsible for its implementation or ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 138 pages, 11/79  
////5748-T11

GH20-2315

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA MANUAL

This manual contains the detail specifications for the data areas used by any functional area of ACP/TPF. Information includes the purpose of the data area, its organization, system residence and access method, and its detail format. Additional information about how a given function uses the data areas, may be found in the PRM or PLM for the appropriate function. The audience comprises marketing personnel, systems engineers or customer personnel with a need to understand the function of the data areas or who are responsible for initialization or maintenance of the user's data base.  
Manual, 8 1/2 x 11 inches, 2346 pages, 11/79  
////5748-T11

GH20-2316

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, MACROS

This manual contains functional descriptions and usage requirements for the macros used by ACP/TPF and to be used by customers in developing the applications that run under ACP/TPF. The audience comprises system engineers and customer personnel responsible for developing the user's application environment, and/or maintaining ongoing operations. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 538 pages, 11/79  
////5748-T11

GH20-2317

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, OPERATIONS

This manual contains general procedures and detail instructions for computer room operations for an ACP/TPF system. The audience comprises computer room operators, coverage programmers, and system engineers responsible for the day to day operations of the users' system. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized

management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 1058 pages, 11/79  
////5748-T11

GH20-2318

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM GENERATION GUIDE

This manual contains detail specifications for the preparation for and generation of an ACP/TPF operational system. The audience comprises system engineers and customer personnel responsible for initializing the users program base, data base, network configuration, etc., and bringing the system up to an operational state. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 276 pages, 11/79  
////5748-T11

GH20-2319

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DOCUMENTATION AIDS

This manual contains an overview of the organization and format of the ACP/TPF system documentation, an index for locating components, and various functional cross references. The audience comprises all IBM and customer personnel who wish to reference the documents for any purpose. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 198 pages, 11/79  
////5748-T11

LH20-2320

AIRLINES CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF), LIC PROG 5748-T11, MAIN SUPERVISOR LOGIC

This manual contains the detail logic specifications for the Main Supervisor functions of ACP/TPF. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 702 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2321

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA BASE CONTROL LOGIC

This manual contains the detail logic specifications for functions within ACP/TPF that control file accessing and integrity including I/O control, device support, and file pool management. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 1474 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2322

AIRLINES CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF), LIC PROG 5748-T11, DATA BASE SUPPORT LOGIC

This manual contains the detail Logic Specifications for function within ACP/TPF that assist the user in maintaining the data base and assuring its integrity. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 1737 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2323

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA COMMUNICATIONS SERVICES LOGIC

This manual contains the detail logic specifications for communications related functions within ACP/TPF including message routing, terminal control, 3705 support and unit record equipment support. The audience comprises of system engineers and customer personnel with a need to understand

the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 2052 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Lh20-2324

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SNA DATA COMMUNICATIONS LOGIC  
This manual contains the detail logic specifications for ACP/TPF support in the SNA environment. This includes device support for 3270 and 3600 systems as it applies to the CPU host and a cluster controller. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 370 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Lh20-2325

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, NON-SNA DATA COMMUNICATIONS LOGIC  
This manual contains the detail logic specifications for ACP/TPF Communications Control Programming for environment other than SNA. These environments include Airlines Line Control, Binary Synchronous Communications, Synchronous Link Control, and Teletype. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 1944 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Lh20-2326

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF CONSUMER FINANCE SUPPORT, LIC PROG 5748-T11, LOGIC  
This manual contains the detail logic specifications for functions within the Airlines Control Program/Transaction Processing Facility (ACP/TPF) designed specifically for the Consumer Finance Industry. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 255 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Lh20-2327

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, MAGNETIC TAPE SUPPORT LOGIC  
This manual contains the detail logic specifications for ACP/TPF support of magnetic tape functions. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 300 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

Lh20-2328

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAMMABLE TERMINAL INTERCHANGE LOGIC  
This manual contains the detail logic specifications for ACP/TPF support of the IBM 2969-1 programmable Terminal Interchange in an Airline Reservations environment. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 502 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2329

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM/7 REMOTE MULTIPLEXOR LOGIC  
This manual contains the detail logic specifications for support of the System/7 remote multiplexor, which provides an interface between various line disciplines and the Airlines Line Control functions within ACP/TPF. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 584 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2330

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, HYPERVISOR LOGIC  
This manual contains the detail logic specifications for the ACP/TPF Hypervisor which allows a second unique operating environment, such as OS/VS or an ACP/TPF test system, to cohabit the host CPU. The high performance of the native ACP/TPF system is maintained. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 90 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2331

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM INSTALLATION SUPPORT LOGIC  
This manual contains the detail logic specifications for ACP/TPF functions that support the user's installation requirements, including network initialization program and data base loading. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 428 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2332

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAM DEVELOPMENT SUPPORT LOGIC  
This manual contains the detail logic specifications for functions within ACP/TPF in support of user program development such as Test Tools, Realtime Trace and Application Message Recovery. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 770 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2333

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM PERFORMANCE AND MEASUREMENT LOGIC  
This manual contains the detail logic specifications for ACP/TPF data collection and analysis functions aimed at measuring and improving system performance. The audience comprises of system engineers and customer personnel with a need to understand the Internal Program Logic. ACP/TPF provides a reliable, high performance operating system for realtime transaction driven applications. It is capable of supporting large terminal networks with thousands of terminals and multiple CPUs largely due to specialized management techniques designed to optimize efficiency in data communication, data base and system resources.  
Manual, 8 1/2 x 11 inches, 326 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2334

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF/ACF, LIC PROG 5748-T11, CROSS DOMAIN SUPPORT LOGIC  
This manual contains the detail logic specifications for the Multisystem Networking Feature of ACP/TPF Advanced Communications Function. This feature makes it possible to interconnect 2 or more domains into one consolidated and

coordinated network so that remote SNA terminals and application programs can communicate between domains. This feature is built upon the ACP/TPF SNA support which is described in the SNA Data Communications PLM (LH20-2324). The audience comprises of system engineers and customer personnel with a need to understand the internal program logic.

Manual, 8 1/2 x 11 inches, 80 pages, 12/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LH20-2335

AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY  
ACP/TPF/ACF, LIC PROG 5748-T11, NETWORK EXTENSION FACILITY  
LOGIC

This manual contains the detail logic specifications for the ACP/TPF Advanced Communication Function feature that allows high speed communications lines using Airlines Line Control to be supported by the SNA Network, either single or multi-host. This logic is built upon the ACP/TPF support for both ALC and SNA; therefore the SNA Data Communications PLM (LH20-2324) and Non-SNA Data Communications PLM (LH20-2325) are prerequisite. The audience comprises of system engineers and customer personnel with a need to understand the internal program logic.

Manual, 8 1/2 x 11 inches, 82 pages, 11/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SH20-2336

INTERACTIVE CIRCUIT DESIGN, IUP 5796-PLR, USER'S GUIDE

The Interactive Circuit Design Program is multipurpose, interactive circuit analysis and design program implemented in APL. The program features DC, DC statistical, DC sensitivity, DC rerun, transient, transient map, and small-signal frequency analysis. The program includes coupled and uncoupled lossless transmission lines, for linear and nonlinear electronic circuits, and its general modeling encompasses bipolar, FET and Josephson circuits. Analytic partial derivative, time cusp solution control, Vector graphic displays and a program library of special purpose functions, and model library facilities highlight additional features.

The Interactive Circuit Design IUP was written entirely in the APL language and is designed to operate with program product VS APL, program number 5748-AP1 and Programming RPQ APL Shared Variables (APLSV), Version 3, program number 5799-AQC (PRPQ MG6282).

Manual, 8 1/2 x 11 inches, 308 pages, 8/79  
////5796-PLR

SH20-2339

THE FINANCIAL ANALYSIS AND CREDIT EVALUATION SYSTEM, IUP  
5796-AWY, DESCRIPTION/OPERATIONS

The Financial Analysis credit Evaluation System was developed at First National Bank in St. Louis. The Installed User Program performs analyses of standard financial statements. The system can produce both historical and projected future analyses. Functions are provided to the user for inputting and editing the information contained in a firm's financial statement - balance sheets and income statements. The output of an analysis consists of a set of six reports:

1. Balance Sheet
2. Income Statement
3. Reconciliation of Net Worth
4. Sources and Uses of Funds
5. Ratio Analysis
6. Key Assumptions

Manual  
////5796-AWY

SH20-2340

DISPLAY MONITOR FOR TELEPROCESSING NETWORK SIMULATOR,  
IUP 5796-AXN, DESCRIPTION/OPERATIONS

This manual is intended for the personnel installing and using the Display Monitor for the Teleprocessing Network Simulator. It describes the system as well as installation, operation, and checkout procedures.

Manual  
////5796-AXN

SH20-2342

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
REPORTS MANUAL

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.  
Manual, 8 1/2 x 11 inches, 772 pages, 12/81  
////5796-AXW

SH20-2343

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
INSTALLATION GUIDE

The Comprehensive Thrift Application System is a collection

of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This publication describes the tasks necessary for the installation of the system and its related software. It is assumed that the reader has a general knowledge of the thrift industry and IBM products relating to that industry.  
Manual, 8 1/2 x 11 inches, 372 pages, 12/81  
////5796-AXW

SH20-2345

BOND QUOTE SYSTEM, IUP 5796-AXY, DESCRIPTION/OPERATIONS

The Bond Quote System maintains a historical master file of market prices on U.S. Government securities: U.S. Treasury Bills, U.S. Treasury Bonds and Notes, Federal Reserve Securities, and other Federal agency offerings. Reports which the Bond Quote system generates from this master file are useful to portfolio managers and bond analysts. The system consists of a batch update program and several interactive report requests.

This manual describes installation procedures, systems usage and command execution.

Manual  
////5796-AXY

SH20-2347

DORTMUND LIBRARY SYSTEM, IUP 5787-DAA, LIBRARIAN'S GUIDE

The Dortmund Library System provides the cataloging and catalog search functions for a library information management system. The cataloging function handles monographs and serials. Updates to the database are performed online. Sub-functions include add new document, modify catalog record, transfer record, add copy, and authority file control. Catalog search allows access by LC card number, ISEN, ISSN, call number, name, subject, title, publisher, document number and miscellaneous numbers.

Manual  
////5787-DAA

SH20-2348

DORTMUND LIBRARY SYSTEM, IUP 5787-DAA,  
DESCRIPTION/OPERATIONS

The Dortmund Library System provides the cataloging and catalog search functions for a library information management system. The cataloging function handles monographs and serials. Updates to the database are performed online. Sub-functions include add new document, modify catalog record, transfer record, add copy, and authority file control. Catalog search allows access by LC card number, ISEN, ISSN, call number, name, subject, title, publisher, document number and miscellaneous numbers.

Manual  
////5787-DAA

SH20-2350

LEUVEN LIBRARY SYSTEM - BATCH, IUP 5787 - FAH,  
DESCRIPTION/OPERATIONS

The Leuven Library System - Batch produces cataloging outputs (catalogue cards, accession lists, COM catalogues) and the documents and listings necessary for circulation and acquisitions. This Installed User Program was designed to complement the Dortmund Library System (IUP 5787-DAA) and the Leuven Library System-Online circulation and acquisition modules (IUP 5787-FAJ). This IUP was designed for university, public, special, and national libraries.

Manual  
////5787-FAH

SH20-2351

LEUVEN LIBRARY SYSTEM - ONLINE, IUP 5787-FAJ, LIBRARIAN'S  
GUIDE

The Leuven Library System - Online is an on-line, easy-to-use circulation and acquisition system. Designed as a complement to the Dortmund Library System (IUP 5787-DAA) the Leuven Library System - Online can help solve the circulation and acquisition problems of university, special, and national libraries.

Documents are charged out and checked in online with a bar-code scanner attached to a display station. Loan overdue, and fine policies help tailor the circulation procedures to the needs of individual libraries. Borrower registration, the placement of holds, renewals, and most other circulation activities are also handled online. Files are updated immediately, thus assuring up-to-date circulation status information.

Orders are entered and documents and invoices received online. A policy regulates the timing of claims for overdue orders. Other online functions include paying invoices, credit and debit notes, interlibrary loans, financial control, and subscription renewals.

The format and content of notices and listings needed for circulation and acquisitions are specified separately online for each library in the network.

Manual  
////5787-FAJ

SH20-2352

LEUVEN LIBRARY SYSTEM - ONLINE, IUP 5787-FAJ,  
DESCRIPTION/OPERATIONS

The Leuven Library System - Online is an on-line, easy-to-use circulation and acquisition system. Designed as a complement to the Dortmund Library System (IUP 5787-DAA) the Leuven Library System - Online can help solve the circulation and acquisition problems of university, special, and national libraries.

Documents are charged out and checked in online with a bar-code scanner attached to a display station. Loan overdue, and fine policies help tailor the circulation procedures to the needs of individual libraries. Borrower registration, the placement of holds, renewals, and most other circulation activities are also handled online. Files are updated immediately, thus assuring up-to-date circulation status information.

Orders are entered and documents and invoices received online. A policy regulates the timing of claims for overdue orders. Other online functions include paying invoices, credit and debit notes, interlibrary loans, financial control, and subscription renewals.

The format and content of notices and listings needed for circulation and acquisitions are specified separately online for each library in the network.

Manual

////5787-FAJ

configuration required.

Manual, 44 pages, 5/79

////5740-XYL,5746-XXU

SH20-2405

INTERACTIVE GEO-FACILITIES GRAPHIC SUPPORT, LIC PROG  
5799-AYB, PROGRAM REFERENCE AND OPERATIONS

The Interactive Geo-Facilities Graphic Support programming RPQ is a set of high-level interactive graphic programs written in FORTRAN IV and OS/VS Assembler. These programs are intended for use on a System/370 with VM/370 CMS or OS/VS2 with TSO, and with a graphics workstation composed of an INM 3277-2 display with the Graphics Attachment RPQ (7H0284): they allow implementation of a wide variety of applications and provide for:

- Creating and maintaining graphic documents with a minimum of user programming
- Data entry, editing, updating, and displaying of a geographically oriented facilities data base
- Defining and specifying user interaction with the system using menu keys, data entry keyboard, and picture components
- Symbol and character generation from a user-specified symbol table, and graphic representations of user data items
- The ability to maintain multiple relationships between facilities, picture data, and the associated problem data structure of the application

Manual, 244 pages, 6/79

////5799-AYB

SH20-2354

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-AYA, -AYB,  
-AYC, SYSTEM DESCRIPTION AND COUNSELOR GUIDE

These Installed User Programs, developed by the DISCOVER Foundation Inc., in Westminster, Maryland, were designed to aid guidance counselors in performing the career guidance process. Through computer technology, they provide career guidance exploration and assistance to secondary and college students and adults.

These program offerings are designed to operate with CICS/VS in either a DOS/VS or OS/VS environment.

Manual, 8 1/2 x 11 inches, 260 pages, 1/80

////5796-AYA,5796-AYB,5796-AYC

SH20-2406

ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2,  
PROGRAM REFERENCE AND OPERATIONS

The IBM Advanced Data Communication for Stores Program Product is designed to enhance batch data communications and to support data management in a store information network. This System/370 program product can be used by food, drug, discount, department store, and other chains and wholesalers to simplify the scheduling and transmission of store data, and to improve data reconciliation and reporting capabilities throughout their dispersed retailing environments.

This manual provides detailed information needed to implement and operate this program product and to tailor its functional capabilities to specific user requirements. Discussions of customer responsibilities, programming prerequisites, and machines supported are included.

Manual, 324 pages, 6/79

////5735-XR2

SH20-2357

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-AYA,  
-AYB, -AYC

This multi-color wall chart illustrates the series of modules which make up the Adult/College version of the Discover Career Guidance System.

Wall Chart

////5796-AYA,5796-AYB,5796-AYC

SH20-2359

3890 ON-LINE FINE SORT ENHANCEMENTS, IUP 5796-AYF,  
DESCRIPTION/OPERATION

The IBM 3890 On-line Fine Sort Enhancements allows for additional function to the Field Developed Program On-Line Fine Sort (5798-CRC) in either an OS/VS or CPCS environment.

Manual, 8 1/2 x 11 inches, 40 pages, 4/81

////5796-AYF

GH20-2407

NETWORK EXTENSION FACILITY FOR AIRLINES CONTROL  
PROGRAM/TRANSACTION PROCESSING FACILITY WITH ADVANCED  
COMMUNICATIONS FUNCTION, LIC PROG 5799-AZP, GENERAL  
INFORMATION

This manual provides a general description of the Network Extension Facility which is a PRPQ based upon Release 2 of the Advanced Communication Facility/Network Control Program/Virtual Storage.

Manual, 24 pages, 8/79

////5799-AZP

SH20-2360

LONG TERM DEBT MANAGEMENT SYSTEM, IUP 5796-AXZ,  
DESCRIPTION/OPERATIONS

This manual is intended for the personnel installing and using the Long Term Debt Management System, IUP 5796-AXZ. It describes the system as well as installation, operation, and checkout procedures.

Manual

////5796-AXZ

SH20-2408

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION STORE DATA  
MANAGEMENT, LIC PROG 5748-D22, PROGRAMMER'S AND OPERATIONS  
GUIDE

This publication provides programming and operational information for the IBM 3650 Programmable Store System POS Application/Store Data Management program product.

Also included in this publication are instructions for operating IBM 3663 supermarket and IBM 3653 retail terminals from which training personnel can develop operating procedures used by store personnel in store data management functions.

Manual, 8 1/2 x 11 inches, 104 pages, 6/79

////5748-D22

SH20-2401

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG  
5746-XXS, TERMINAL OPERATIONS GUIDE

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer database and related account databases for the financial institution. Online inquiry capability to the databases is provided through either the IBM 3270 Information Display System or the IBM 3600 Finance Communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the databases.

180 pages, 5/79

////5746-XXS,5740-XYC,5740-XYB

SH20-2411

3650 PROGRAMMABLE SYSTEM PHARMACY APPLICATION/STORE  
ENVIRONMENT, LIC PROG 5735-H11, USERS GUIDE

The IBM 3650 Programmable Store System Pharmacy/Store Environment program product provides a set of functions to support a pharmacy terminal operating in a drug store, retail store, supermarket, etc.

This manual describes how the pharmacist operates the terminal with the pharmacy system. It provides the operating procedures and syntax. Responses for normal system operation and error situations are included.

Manual, 144 pages, 8/79

////5735-H11

GH20-2404

ADVANCED TEXT MANAGEMENT SYSTEM-III (ATMS-III), LIC PROG  
5740-XYL (OS/VS), 5746-XXU (DOS/VS), GENERAL INFORMATION

The Advanced Text Management System (ATMS-III) consists of control and functional programs that can concurrently direct many text processing activities through keyboard printer terminals or information display systems. Operating under control of the IBM CICS/VS program products, ATMS-III runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This publication contains a general description of the capabilities of the program, an indication of some of the areas in which it may be applied, and the machine

SH20-2412

3650 PROGRAMMABLE STORE SYSTEM PHARMACY APPLICATION/STORE  
ENVIRONMENT, LIC PROG 5735-H11, PROGRAM REFERENCE AND  
OPERATIONS GUIDE

The IBM Pharmacy Application/Store Environment program product, operating within the IBM 3650 Programmable Store System, provides online information support needed to relieve pharmacists of large portions of their clerical tasks. During in-store processing, data required for third

party billing, inventory control, and other applications is captured and logged for use by a central (host) IBM System/370. This distributed processing environment can provide help for drug retailing companies to improve productivity and service in pharmacies, reduce third party payment cycles, and to increase profitability.

This manual provides information needed to install and operate this program product. Discussions of user responsibilities, programming prerequisites, and minimum machine requirements are included. Detailed operating instructions are provided in the Pharmacy Application/Store Environment Users Guide, which provides corequisite information for this manual.  
Manual, 196 pages, 8/79  
////5735-H11

Sh20-2413

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5740-XYB, OPERATIONS GUIDE

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer data base and related account data bases for the financial institution. Online inquiry capability to the data bases is provided through either the IBM 3270 Information Display System or the IBM 3600 Finance Communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.  
Manual, 168 pages, 8/79  
////5740-XYB

Gh20-2414

3600 ADMINISTRATIVE APPLICATION SUPPORT PROGRAM, LIC PROG 5748-F55, GENERAL INFORMATION

This publication describes the program which is designed to give officers of financial institutions fast access to customer information stored in the institution's data processing system. This access permits the officer to provide better customer service and to provide more data on which to make decisions.  
Manual, 20 pages, 8/79  
////5748-F55

Sh20-2418

TELEPROCESSING NETWORK SIMULATOR, RELEASE 5.0 USER'S GUIDE

This manual provides detailed discussions on how to use the Teleprocessing Network Simulator language statements to define the configuration and message traffic to be simulated by the Teleprocessing Network Simulator. The document also gives an overview of Teleprocessing Network Simulator operation. Other topics discussed are logic testing, user exit routines, message logging, data encryption, and device-dependent considerations.  
Manual, 176 pages, 9/79  
////5740-XT4

Sh20-2419

NETWORK EXTENSION FACILITY FOR AIRLINES CONTROL PROGRAM, LIC PROG 5799-AZP, FRPQ P09021 PROGRAM REFERENCE AND OPERATIONS

The Network Extension Facility enhances the Advanced communication Facility/Network Control Program/Virtual Storage Release 2 to allow 3705 Network control Program management of airlines line control communication networks. The Network Extension Facility intercepts inbound/outbound airlines line control traffic within the 3705 and performs airlines line control dependent processing. The Network Extension Facility preserves the integrity of the airlines line control network while extending systems network architecture benefits to current airlines line control terminals. User applications are unaware of this facility and will require no change as a result of its installation.

This manual contains a detailed description of the Network Extension Facility as well as a description of the installation, generation, and operation procedures.  
Manual, 60 pages, 12/79  
////5799-AZP

Sh20-2422

DISTRIBUTED SYSTEMS EXECUTIVE RELEASE 2, LIC PROG 5748-XXG, INSTALLATION GUIDE

This manual describes how to install the Distributed Systems Executive Release 2 for OS/VS. It outlines systems requirements, programming and other considerations, and the six required installation steps. Macro formats and installation messages are also covered.  
\*Sample programs for the 8100 Distributed Processing Programming Executive and 3790 are included, with sample output. Converting Release 1 files to run under Release 2 is also covered.

Information on installing this product under DOS/VS is not included, but will be described in a future update of this manual.  
Manual, 216 pages, 11/79  
////5748-XXG

Gh20-2423

DEVELOPMENT MANAGEMENT SYSTEM/DISTRIBUTED PROCESSING CONTROL EXECUTIVE (DMS/DPCX), LIC PROG 5748-XC4 GENERAL INFORMATION

Development Management System/Distributed processing Control Executive provides an interactive interface for defining applications and for generating them into 8100/DPCX statements. These statements are then assembled and validated on a System/370 or 4300 and executed on the IBM 8100/DPCX system.

The file inquiry support allows the user to examine the contents of any data structure defined through the Development Management System.

This program product is designed to simplify application development. By providing a simple programming interface, both DP professionals and new users may use this program product to develop and maintain online interactive applications with a minimal learning period.

This manual provides a general description of the facilities provided by Development Management System/Distributed Processing Control Executive.  
Manual, 8 1/2 x 11 inches, 46 pages, 11/80  
////5748-XC4

SH20-2424

ADVANCED TEXT MANAGEMENT SYSTEM-III, LIC PROG 5740-XYL, 5746-XXU, PROGRAM REFERENCE

ATMS-III consists of control and function programs that can concurrently direct many text processing activities through keyboard-printer terminals or an information display system. Operating under control of a CICS/VS program product, ATMS-III runs in a multiprogramming environment. It will run concurrently with and independently of other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation, and maintenance of this program product. Concurrently direct many text processing activities through keyboard-printer terminals or an information display system. Operating under control of a CICS/VS program product, ATMS-III runs in a multiprogramming environment. It will run concurrently with and independently of other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation, and maintenance of this program product.  
Manual, 8 1/2 x 11 inches, 160 pages, 12/80  
////5740-XYL, 5746-XXU

SH20-2425

ADVANCED TEXT MANAGEMENT SYSTEM-III, LIC PROG 5740-XYL, 5746-XXU, TERMINAL OPERATOR'S GUIDE

ATMS-III consists of control and function programs that can concurrently direct many text processing activities through keyboard-printer terminals or an information display system. Operating under control of a CICS/VS program product, ATMS-III runs in a multiprogramming environment. It will run concurrently with and independently of other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation, and maintenance of this program product. Concurrently direct many text processing activities through keyboard-printer terminals or an information display system. Operating under control of a CICS/VS program product, ATMS-III runs in a multiprogramming environment. It will run concurrently with and independently of other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides information of interest to persons responsible for the definition, preparation, system generation, and maintenance of this program product.  
Manual, 8 1/2 x 11 inches, 400 pages, 12/80  
////5746-XXU, 5740-XYL

SH20-2426

ADVANCED TEXT MANAGEMENT SYSTEM-III (ATMS-III) LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), TERMINAL OPERATORS EXERCISE AND REFERENCE GUIDE

The Advanced Text Management System-III consists of control and functional programs that can concurrently direct many text processing activities through keyboard-printer terminals or an information display system. Operating under an IBM CICS/VS program product, Advanced Text Management System-III executes in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS/VS environment, as well as tasks in other partitions or regions.

This manual provides exercises for new terminal operators of Advanced Text Management System-III, as well as reference material for experienced operators. The manual can be used as a training aid in the use of basic Advanced Text Management System-III entry and edit techniques and as a reference source for day-to-day text processing activities.

Manual, 8 1/2 x 11 inches, 248 pages, 3/80  
////5740-XYL, 5746-XXU

SH20-2427

ADVANCED TEXT MANAGEMENT SYSTEM-III, LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), OPERATIONS GUIDE

This manual provides information for persons with the responsibility to define and manage the ATMS-III environment, its terminal operations, and control daily

operations.  
Manual, 8 1/2 x 11 inches, 126 pages, 10/81  
///5746-XXU,5740-XYL

SH20-2428

3680 PROGRAMMABLE STORE SYSTEM SALES APPLICATION,  
LIC PROG 5735-D61, PROGRAMMERS GUIDE

The IBM Sales Application program product, operating within the IBM 3680 Programmable Store System, provides online information support needed to relieve store personnel of large portions of their clerical tasks. During customer checkout, data required for inventory control and other applications is captured and logged for use by a central (host) IBM System/370. This distributed data processing environment can help retailing companies improve productivity and service in stores while optimizing merchandise flows.

This manual contains information needed to install and operate this program product. Discussions of user responsibilities, programming prerequisites, and minimum machine requirements are included. Detailed operating instructions are provided in the Sales Application Operations Guide (SH20-2431), a corequisite manual.  
Manual, 8 1/2 x 11 inches, 376 pages, 2/80  
///5735-D61

SH20-2429

3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION  
APPLICATION - OPERATIONS GUIDE

The IBM 3680 Programmable Store System/Store Administration Application program product, operating with the IBM 3680 Programmable Store System, provides administrative functions that simplify the management of store information and improve reporting capabilities in a retailing organization. The Store Administration Application is designed to enhance the Sales Application program product (Product Number 5735-D61).

This manual contains operating procedures and reference information needed to operate this program product. The manual is directed to store administrators, training personnel, and other store personnel. Detailed programming information is available in the Store Administration Programmer's Guide, a corequisite publication.  
Manual, 84 pages, 2/80  
///5735-D62

SH20-2430

3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION  
APPLICATION, LIC PROG 5735-D62, PROGRAMMERS GUIDE

The IBM Store Administration Application program product, operating within the IBM 3680 Programmable Store System, provides administrative functions that simplify the management of store information and improve reporting capabilities in a retailing organization. The 3680 Store Administration Application is designed to enhance the Sales Application program product (Program Number 5735-D61).

This manual contains information needed to install and operate this program product. Discussions of user responsibilities and programming prerequisites are included. Detailed operating instructions are provided in the Store Administration Application Operations Guide, (SH20-2429), a corequisite manual.  
Manual, 8 1/2 x 11 inches, 92 pages, 2/80  
///5735-D62

SH20-2431

3680 PROGRAMMABLE STORE SYSTEM SALES APPLICATION,  
LIC PROG 5735-D61, OPERATIONS GUIDE

The IBM Sales Application program product, operating within the IBM 3680 Programmable Store System, provides online information support needed to relieve store personnel of large portions of their clerical tasks. During customer checkout, data required for inventory control and other applications is captured and logged for use by a central (host) IBM System/370. This distributed data processing environment can help retailing companies improve productivity and service in stores while optimizing merchandise flows.

This manual contains operating procedures and reference information needed to operate this program product. This manual is directed to store administrators, training personnel, and other personnel.  
Manual, 8 1/2 x 11 inches, 116 pages, 2/80  
///5735-D61

SH20-2439

INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1,  
IMPLEMENTATION GUIDE

The Interactive Personnel System is a terminal-oriented system to assist personnel departments. It can be used to store and maintain personnel information, and to perform personnel management and administrative functions. The security and integrity of personnel data is a feature of the system.

In its supplied form, the Interactive Personnel System is ready to perform a large number of personnel functions (applications). The system can also perform functions specified by the user. To make this possible, a facility has been developed to enable the user to apply the necessary instructions to the system without previous data processing experience.

The Interactive Personnel System runs in both online and

batch mode under DOS/VS with DL/1 DOS/VS and CICS/DOS/VS, or under OS/VS with IMS/VS and CICS/VS.

This manual describes some of the activities involved in the implementation of the Interactive Personnel System. It is intended for system programmers who install the system and for personnel staff and DP staff who are responsible for tailoring the supplied system to meet specific requirements.  
Manual, 8 1/2 x 11 inches, 100 pages, 5/80  
///5740-AM4,5746-AM1

GH20-2440

DOCUMENT INTERCHANGE FACILITY, LIC PROG 5668-003, -004,  
GENERAL INFORMATION

This publication introduces the IBM Document Interchange Facility which consists of two IBM program products, the Document Interchange Facility/Central for the host and the Document Interchange Facility/Distributed for each of the distributed office systems participating in a distributed office network. The host product is intended for the line of IBM data processing systems and includes the IBM System/370, 303X, and 4300 series. The distributed product is intended for the IBM distributed office systems and includes the IBM 8100 Distributed Office support Facility operating on the IBM 8100 Information System, and the IBM 3730 Distributed Office Communication System.

Though intended primarily for personnel who are evaluating the product for its potential use in an organization, most of the material in this manual will be of interest to anyone who is involved in the area of text processing in the IBM distributed office environment.  
Manual, 8 1/2 x 11 inches, 48 pages, 06/80  
///5668-003,5668-004

SH20-2441

ATMS-III, LIC PROG 5740-XYL (OS/VS) 5746-XXU (DOS/VS) LESSON  
AUTHORING GUIDE

The Advanced Text Management System-III consists of control and function programs that can direct many concurrent text processing activities. Operating under control of an IBM Customer Information Control System/VS program product, the Advanced Text Management System-III runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within this environment, as well as tasks in other partitions or regions.

This manual provides guidelines for producing computer-assisted instructional course material which can be executed under the Advanced Text Management System-III.  
Manual, 8 1/2 x 11 inches, 20 pages, 06/80  
///5740-XYL,5746-XXU

SH20-2442

INTERACTIVE PERSONNEL SYSTEM GOVERNMENT REPORTING AND  
BENEFITS TRACKING FEATURE LIC PROG 5740-AM4 (IMS/VS),  
CICS/OS/VS) 5746-AM1 (CICS/DOS/VS), REFERENCE GUIDE

The Government Reporting and Benefits Tracking Applications Feature expands the personnel tracking capabilities of the Interactive Personnel System. The Interactive Personnel System is a terminal-oriented data base system designed to assist personnel departments. It can be used to store and maintain personnel information, and to perform management and administration functions. The security and integrity of personnel data are an integrated function of the system.

In its supplied form, the Interactive Personnel System is ready to perform a large number of personnel functions (applications). The system can also perform functions specified by the user. To make this possible, a facility called the procedure definition language enables a user with little data processing knowledge to apply the necessary instructions to the system.  
Manual, 8 1/2 x 11 inches, 144 pages  
///5740-AM4,5746-AM1

SH20-2443

3600 ADMINISTRATIVE APPLICATION SUPPORT, LIC PROG 5748-F55,  
PROGRAM REFERENCE AND OPERATIONS

The IBM 3600 Administrative Application Support program product is designed to give offers of financial institutions fast access to customer information stored in the institution's data processing system. This access permits the officer to provide better customer service and to provide more data on which to make decisions.  
Manual, 88 pages, 6/80  
///5748-F55

GH20-2444

CHECK PROCESSING EXECUTIVE, LIC PROG 5748-F53, GENERAL  
INFORMATION

The Check Processing Executive program products provide a set of Magnetic Ink Character Recognition (MICR) document processing functions for use with the IBM 3964 Document Processor.

Check Processing Executive/3694 comprises the application programs for operating 3694, and Check Processing Executive/VS comprises the OS/VS or DOS/VSE programs for controlling a network of 3694s and providing interfaces to host-resident user applications.

This publication describes the functional capabilities and operational characteristics of the Check Processing Executive program products, and is intended to provide the user with general knowledge of the system. The reader is presumed to have a basic understanding of the check



processing application, including proof inscribing and high-speed reader-sorter processing.

Manual  
 ///5748-F53,5748-F54

GH20-2445

TREND ANALYSIS/CICS/OS/VIS, LIC PROG 5740-XYT, GENERAL INFORMATION

Trend Analysis (CICS/OS/VIS) provides a computer-based link between operating information data bases, planning information files, and the data presentation needs of decision-making managers and executives.

Trend Analysis integrates the color graphics capabilities of the IBM 3279 Color Display Station and the IBM 3287 Printer with the data management capabilities of the IMS/VIS Data Base System and the modeling and projecting capabilities of Planning, Control and Decision Evaluation System, IBM's primary business planning product. Trend Analysis functions are invoked by easy-to-use menus that can be readily customized to meet an organization's requirements. Reports can be display or printed in a variety of tabular or color graphic formats.

This manual introduces the application areas and the facilities of Trend Analysis to the decision-making manager and executive. It also provides basic implementation planning information for systems personnel.

Manual, 8 1/2 x 11 inches, 60 pages, 8/80  
 ///5740-XYT

GH20-2446

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, GENERAL INFORMATION MANUAL

The Interactive Instructional Presentation System and Interactive Instructional Authoring System are IBM program products that provide a realtime training and instructional capability for course creation and presentation. These programs use existing IBM data base/data communication systems (Information Management System and Customer Information Control System), interactive systems (Conversational Monitor System and Time Sharing Option), and terminal access methods (Virtual Telecommunications Access Method and Telecommunications Access Method).

The Interactive Instructional Presentation System allows users to present computer-based training courses. The Interactive Instructional Authoring System enables users to create courses and requires the presentation system as a prerequisite. All courses operating under the predecessor product, the Interactive Instructional System, will run without conversion under the new systems.

This manual presents an overview of the presentation and authoring systems, and contains specific sections on types of users, operational considerations, and compatibility with predecessor products.

Manual  
 ///5668-011,5668-012

GH20-2447

INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, BASIC AUTHOR TRAINING FOR THE COURSE STRUCTURING FACILITY STUDENT MATERIALS

The Interactive Instructional Authoring System provides a training and instructional application operating under the major telecommunications and system control program environments. The Basic Author Training course, provided with the authoring system, instructs the user on how to create course materials with the Course Structuring Facility.

This manual contains the student materials to be used in conjunction with this course.

Manual, 8 1/2 x 11 inches, 76 pages, 10/80  
 ///5668-011

GH20-2448

INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, EXTENDED AUTHOR TRAINING FOR THE COURSE STRUCTURING FACILITY STUDENT MATERIAL

The Interactive Instructional Authoring System provides a training and instructional application operating under the major telecommunications and system control program environments. The Extended Author Training course, provided with the authoring system, instructs the user on how to create course materials using the advanced features of the Course Structuring Facility.

This manual contains the student materials to be used in conjunction with this course.

Manual, 80 pages, 10/80  
 ///5668-011

SH20-2449

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, ADMINISTRATOR'S GUIDE (CURRENT RELEASE)

The Interactive Instructional Presentation system and Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

Customers can create, execute, and administer computer-based courses to satisfy their training or instructional requirements and operate concurrently with other application programs.

Included in this publication are the commands and information necessary for the administrator to control and maintain the instructional system.

Manual  
 ///5668-011,5668-012

SH20-2450

INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, COURSE AUTHORIZING GUIDE

The Interactive Instructional Authoring System provides a training and instructional application operating under the major telecommunications and system control program environments. Customers can create, execute, and administer computer-based courses to satisfy their training or instructional requirements and operate concurrently with other application programs.

Manual, 396 pages, 10/80  
 ///5668-011

SH20-2451

INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, SIMULATION/EXERCISE FACILITY AUTHORIZING GUIDE

The Interactive Instructional Authoring System provides a training and instructional application operating under the major telecommunications and system control program environments. With the Simulation/Exercise Facility authors can create simulations of user/application dialogs, present them as exercises, and provide the structures for menu-type access to a set of simulations or exercises.

Manual, 8 1/2 x 11 inches, 84 pages, 10/80  
 ///5668-011

SH20-2452

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/VIS CICS)

The Interactive Instructional Presentation system and Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Customer Information Control System user in the Operating System/Virtual Storage environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional Presentation System and the Interactive Instructional Authoring System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual  
 ///5668-011,5668-012

SH20-2453

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/VIS ICAM)

The Interactive Instructional Presentation system and Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Customer Information Control System user in the Operating System/Virtual Storage environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional Presentation System and the Interactive Instructional Authoring System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual  
 ///5668-011,5668-012

SH20-2454

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/VIS-TSO)

The Interactive Instructional Presentation System and the Interactive Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Time Sharing Option user in the Operating System/Virtual Storage environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional Presentation System and the Interactive Instructional Authoring System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.

Manual  
 ///5668-011,5668-012

SH20-2455

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/VIS-VTAM)

The Interactive Instructional Presentation System and the Interactive Instructional Authoring System provide a training and instructional application operating under the



major telecommunications and system control program environments.

This Operations Guide is intended for the Virtual Telecommunications Access Method user in the Operating System/Virtual Storage environment.  
Manual, 8 1/2 x 11 inches, 124 pages, 10/80  
////5668-011,5668-012

////5735-D61,5735-D62

Sh20-2456

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (DOS/VIS-CICS)  
The Interactive Instructional Presentation System and Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Customer Information Control System user in the Disk Operating System/Virtual Storage environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional Presentation System and the Interactive Instructional Authoring System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.  
Manual, 8 1/2 x 11 inches, 128 pages, 10/80  
////5668-011,5668-012

Sh20-2457

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (DOS/VIS-VIAM)  
The Interactive Instructional Presentation System and the Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Virtual Telecommunications Access Method user in the Disk Operating System/Virtual Storage environment.  
Manual, 8 1/2 x 11 inches, 124 pages, 10/80  
////5668-011,5668-012

Sh20-2458

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, LIC PROG 5668-012, 011, OPERATIONS GUIDE (IMS/VIS)  
The Interactive Instructional Presentation System and the Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Information Management System user in the Operating System/Virtual Storage environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional Presentation System and the Interactive Instructional Authoring System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.  
Manual  
////5668-011,5668-012

Sh20-2459

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (CURRENT RELEASE)  
The Interactive Instructional Presentation System and the Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

This Operations Guide is intended for the Conversational Monitor System user in the Virtual Machine/370 environment.

Included in this publication is the information necessary to install and execute the Interactive Instructional Presentation System and the Interactive Instructional Authoring System. Descriptions for file initialization are included, as well as the procedures for the execution of the support programs.  
Manual  
////5668-011,5668-012

Gh20-2461

3680 PROGRAMMABLE STORE SYSTEM SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62, GENERAL INFORMATION  
The IBM 3680 Supermarket Environment (Sales Application and Store Administration Application program products), operating within an IBM 3680 Programmable Store System, provides functions that perform customer checkout and store support procedures using IBM 3683 and 3684 Point of Sale Terminals. Data captured during store operations is available for in-store processing and for retrieval by a centrally located IBM System/370 or 4300 data processing system.

This manual provides an overview that can aid user personnel in evaluating the applicability of the program products to business requirements and in planning the installation. Discussions of programming prerequisites and machine requirements are included.  
Manual, 8 1/2 x 11 inches, 68 pages, 9/80

GH20-2464

ADVANCED CONTROL SYSTEM, LIC PROG 5799-BEJ, -BEW, GENERAL INFORMATION

The System/370 Advanced Control System is a set of programs designed to provide the basis for a cost effective implementation of medium-to-large scale production and process control applications.

This publication is designed to serve as an introduction to, and a general description of the Advanced Control System. The reader should be familiar with basic computer terminology and have an appreciation for the requirements of plant-based computer control systems.

Manual, 8 1/2 x 11 inches, 96 pages, 11/80  
////5799-BEJ,5799-BEW

SH20-2469

AUTOMATICALLY PROGRAMMED TOOL: NUMERICAL CONTROL, INTERMEDIATE CONTOURING (APT-IC) LIC PROG 5740-M52, ADVANCED CONTOURING (APT-AC) LIC PROG 5740-M53, PROGRAM REFERENCE VOLUME 2

Design Aid for Postprocessors is a component part of the members of the Automatically Programmed Tool family of program products given above.

This manual is a continuation of the separate Program Reference Manuals published for the two Automatically Programmed Tool programs, and is intended to describe the structure and use of Design Aid for Post processors.

This publication is for postprocessor writers having a working knowledge of IBM FORTRAN IV and a detailed knowledge of the machine-tool/controller combination for which the postprocessor is required.

The user should be familiar with the contents of the manuals given below, in accordance with the member of the Automatically Programmed Tool family of products:  
Automatically Programmed Tool - Intermediate Contouring General Information Manual (GH20-1424)  
Program Reference Manual - Volume I (SH20-1417)  
Automatically Programmed Tool - Advanced Contouring General Information Manual (GH20-1423)  
Program Reference Manual - Volume I (SH20-1414)  
Manual, 324 pages, 12/80  
////5740-M52,5740-M53

SH20-2474

DOCUMENT INTERCHANGE FACILITY/CENTRAL, LIC PROG 5668-003, PROGRAM REFERENCE

This manual is provided for the system programmer who needs to understand the functions of Document Interchange Facility/Central and prepare for the use of this product. It describes the interaction between Document Interchange Facility/Central and its companion product, Document Interchange Facility/Distributed. This manual introduces Document Interchange Facility/Central, and includes the input/output and processing description for this product. It also includes system configuration information.

The reader should consult the Document Interchange Facility/Central and Document Interchange Facility/Distributed Installation and Operations Guide (SH20-2477) for a detailed description of requirements that must be met to install Document Interchange Facility/Central.

The Document Interchange Facility/Distributed Program Reference Manual (SH20-2475) is prerequisite reading if the central product is to be used with the distributed product.  
Manual, 92 pages, 7/81  
////5668-003

SH20-2475

DOCUMENT INTERCHANGE FACILITY DISTRIBUTED, LIC PROG 5668-004 PROGRAM REFERENCE

This manual describes the functions of Document Interchange Facility/Distributed. It includes an overview that explains the interaction between this product and Document Interchange Facility/Central. This manual is intended for the system programmer who needs to prepare for the use of Document Interchange Facility/Distributed at the distributed office system, which can be the Distributed Office Support Facility/8100 or the 3730 Distributed Office Communication System.

Before using this manual, the system programmer should be familiar with the contents of the Document Interchange Facility/Distributed User's Guide (SH20-2476). More detailed information about preparing for this product is in the Document Interchange Facility/Central and Document Interchange Facility/Distributed Installation and Operations Guide (SH20-2477).  
Manual, 80 pages, 7/81  
////5668-004

SH20-2476

DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-004 USERS GUIDE

This guide explains how to use Document Interchange Facility/Distributed, an IBM program product. It is provided for the user at a 3732 Text Display Station attached to either an IBM Distributed Office Support Facility/8100 or IBM 3730 Distributed Office Communication System. It is also provided for supervisory operators in these same environments.

Document Interchange Facility/Distributed allows you to

file documents at the host system in the document library of the IBM Document Library Facility. Documents filed there can be retrieved, deleted, and listed. Document Interchange Facility/Distributed also makes it possible for you to have documents formatted at the host by the SCRIPT/VS formatter of the IBM Document Composition Facility. You can have documents formatted by SCRIPT/VS before or after they are filed in the document library.

This guide provides you with basic information you need to begin working with Document Interchange Facility/Distributed, shows examples of the prompts screens you work with, and explains the usage of the prompts that appear in these screens. It also tells you how to use Help mode when you need assistance.

This guide also describes the role of the supervisory operator. After reading this guide, this individual should read the chapter entitled "Operations for the Supervisory Operator at the Distributed Office System" in the Document Interchange Facility/Central and Document Interchange Facility/Distributed Installation and Operations Guide (SH20-2477).

Manual, 96 pages, 7/81  
 ///5668-004

SH20-2477

DOCUMENT INTERCHANGE FACILITY/CENTRAL AND DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-003, -004, INSTALLATION AND OPERATIONS GUIDE

This guide explains how to install and create an operating environment for Document Interchange Facility/Central and Document Interchange Facility/Distributed. These two separate but complementary program products run on different systems. Document Interchange Facility/Central runs as a CICS/VS application on a host computer, which can be a System/370, a 303X, 308X, or a 4300 system that runs under OS/VS1, OS/VS2 (MVS), or DOS/VSE. Document Interchange Facility/Distributed runs at an IBM distributed office system, which can be either the Distributed Office Support Facility/8100 or the 3730 Distributed Office Communication System.

This guide is provided for the system programmer who must install the Document Interchange Facility, either the central product or the distributed product. It also contains important information for the supervisory operator at the distributed office system.

Manual, 256 pages, 7/81  
 ///5668-003,5668-004

GH20-2482

GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, GENERAL INFORMATION

Geo-Facilities Data Base Support is a major programming component of the Distribution Facilities Information System for the public utilities industry. It is designed to support a wide variety of facilities applications from a single source of data that represents a model of the electric and gas distribution facilities network throughout the geographic service territory of a utility. The geo-facility structure can be used for any type of network, such as radial, mesh, transmission, electric, gas, telephone, land, sewer, water, railroads, or pipelines.

The following major geo-facility data base support is provided:

- Interface support: A communications interface program component and staging between Interactive Geo-Facilities Graphic Support (PRPQ P09016, Program Number 5799-AYB) and geo-facility data bases, including a mechanism for interfaces to other information systems.
- Data base support: Processes all updates to the geo-facility data bases and retrieves data for a specified geographic area or data associated with a specific network. Such basic functions as inserting new data, replacing existing data, and deleting data are provided. In addition, some special functions for geo-facility data structures are included. Some of these are: generating area units when required, printing reports summarizing data base activity and data management statistics, and generating informative and diagnostic error messages.

Manual  
 ///5799-BEB

SH20-2483

GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, OPERATOR GUIDE

This manual provides the information needed to install and operate the programs. A description of the sample problem provided with this product and of the JCL to run it is also included. The sample problem can verify that the programs have been installed correctly and it contains a number of examples of inputs and outputs for the programs. A summary of all messages from the programs is contained in Appendix A of this manual.

Manual, 216 pages, 5/81  
 ///5799-BEB

SH20-2484

GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, PROGRAM REFERENCE

Geo-Facilities Data Base Support is a major programming component within the overall architecture of the Distribution Facilities Information System for the public utilities industry. It is designed to support a wide variety of facilities applications from a single source of

data that represents a model of the electric and gas distribution facilities network throughout the geographic service territory of a utility. The geo-facility structure can be used for any type of network, such as radial, mesh, transmission, or pipelines if they adhere to the geo-facility structure.

- The Geo-Facility Data Base Support provides:
- Interface Support: An interface library data base and an interface library services program for exchanging data between Interactive Geo-Facility Graphic Support (PRPQ P09016, Program Number 5799-AYB) and geofacility data bases.
  - Data Base Support: Processes all updates to the geofacility data bases and retrieves data by geographic areas and networks.

This manual contains detailed information on the functions of the Geo-Facility Data Base Support programs. An in-depth description of the interface library data base and the geo-facility data base structure is also provided. Examples of electric facilities, gas facilities, land and polygons in the geo-facility structure are described in the Appendixes.

Manual, 304 pages, 5/81  
 ///5799-BEB

GH20-2487

TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5662-262, GENERAL INFORMATION

Teleprocessing Network Simulator (TPNS) is a testing package that enables a user to test and evaluate teleprocessing systems prior to actual installation. TPNS is useful in tuning system performance and response times, stress testing, evaluating TP system design, providing repeatable functional testing, and automating regression test procedures. Its use may reduce test time and test resources required.

This manual includes a general description of the facilities provided by TPNS.

Manual, 36 pages, 6/81  
 ///5662-262

SH20-2488

TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, PROGRAM REFERENCE

This manual is a reference for the installation and operation of Teleprocessing Network Simulator. It provides information on system requirements and discusses how to install, operate, and analyze the Teleprocessing Network Simulator system. The document also includes operator command formats, utility program descriptions, problem determination information, and diagnostic messages.

Manual, 272 pages, 6/81  
 ///5662-262

SH20-2489

TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, LANGUAGE REFERENCE

This manual is a reference guide that contains detailed information on the formats of the language statements used with Teleprocessing Network Simulator. The document provides information on how to order the statements when defining a network for simulation and gives a functional description of each statement and its operands.

Manual, 240 pages, 6/81  
 ///5662-262

SH20-2490

TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, USER'S GUIDE

This manual provides detailed discussions on how to use the Teleprocessing Network Simulator language statements to define the configuration and message traffic to be simulated by the Teleprocessing Network Simulator. The document also gives an overview of Teleprocessing Network Simulator operation. Other topics discussed are logic testing, user exit routines, message logging, data encryption, and device-dependent considerations.

Manual, 200 pages, 6/81  
 ///5662-262

GH20-2493

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, GENERAL INFORMATION

The IBM Professional Office System assists managers, professionals, secretaries, and support personnel in creating, communicating, retrieving, and controlling job-related information. The IBM Professional Office System consists of VM/CMS-based application programs that allow office functions to be performed on the same terminals used for interactive problem solving. Among the capabilities of the system are: Document entry and editing; document distribution and receipt; file, search, and retrieval; formatting and printing; and end user services such as calendar management, reminders, conference room scheduling, and notes and messages.

This manual provides administrative and systems personnel with product and installation planning information prior to the general availability of the IBM Professional Office System.

Manual, 36 pages, 5/81  
 ///5799-BEX

Sh20-2494

CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, OPERATORS HANDBOOK

This handbook is intended to be used by operators of the IBM 3694 Document Processing System operating under the control of the IBM program product Check Processing Executive/3694 (5748-F53). This handbook assumes no prior knowledge of the IBM 3694 Document Processor or Check Processing Executive/3694, but does assume the reader is familiar with the proof operation. Operators who are not familiar with proof operations may require some introductory training before using the 3694 and Check Processing Executive/3694. Manual, 8 1/2 x 11 inches, 164 pages, 5/81  
 ///5748-F53

Sh20-2495

CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, PROGRAM REFERENCE AND OPERATIONS

The Check Processing Executive program products provide a set of magnetic ink character recognition document processing functions for use with the IBM 3694 Document Processor. Check Processing Executive comprises two program products: Check Processing Executive/3694, the application programs for operating the 3694; and Check Processing Executive/VS, the programs for controlling a network of 3694s from a central host system and providing interfaces to host-resident user applications.

This document is designed to assist in the installation, operation, and maintenance of the user's Check Processing Executive/3694 system. Separate sections are included for programming, operations, and user personnel. The reader is presumed to be familiar with Check Processing Executive/VS and Check Processing Executive/3694 general characteristics, as described in the Check Processing Executive General Information Manual (GH20-2444). Manual, 132 pages  
 ///5748-F53

Sh20-2496

CHECK PROCESSING EXECUTIVE/VS, LIC PROG 5748-F54, PROGRAM REFERENCE AND OPERATIONS

The Check Processing Executive program products provide a set of magnetic ink character recognition document processing functions for use with the IBM 3694 Document Processor. Check Processing Executive comprises two program products: Check Processing Executive/3694, the application programs for operating the 3694; and Check Processing Executive/VS, the programs for controlling a network of 3694s from a central host system and providing interfaces to host-resident user applications.

This document is designed to assist in the installation, operation, and maintenance of the user's Check Processing Executive/VS system. Separate sections are included for programming, operations, and user personnel. The reader is presumed to be familiar with Check Processing Executive/VS and Check Processing Executive/3694 general characteristics, as described in the Check Processing Executive General Information Manual (GH20-2444). Manual, 188 pages  
 ///5748-F54

GH20-2497

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, GENERAL INFORMATION

This publication provides a general description of the Commercial Bank Application System. It is intended as an aid in evaluating the programs, and is addressed to bank executives and managers who make data processing decisions. Manual, 40 pages, 6/81  
 ///5746-F60,5746-F61,5746-F62,5746-F63,5746-F64,5746-F65,5746-F66,5746-F67,5746-F68

Sh20-2498

DEVELOPMENT MANAGEMENT SYSTEM 1 DISTRIBUTED PROCESSING CONTROL EXECUTIVE, LIC PROG 5748-XC4, MESSAGES

This publication lists the messages issued by the Development Management System/Distributed Processing Control Executive, explains why each message is issued, and provides advice on what to do (if anything) after receiving a message.

Manual, 188 pages, 1/82  
 ///5748-XC4

Sh20-2499

CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, TABS FOR TABS FOR OPERATORS HANDBOOK

These tabs are for the Operator's Handbook.  
 Tabs, 7/81  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

Sh20-2500

CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, BINDER BINDER FOR OPERATORS HANDBOOK

This binder is for the Operator's Handbook.  
 Binder, 7/81

SH20-2505

ONLINE PLANT MAINTENANCE SYSTEM - SPARE PARTS MANAGEMENT, IUP 5787-NAE, DESCRIPTION/OPERATIONS

The Spare Parts Management program is a module of the Online Plant Maintenance System. The program provides a flexible spare parts inventory structure and efficient spare parts management functions, with the aim of minimizing unplanned and costly plant downtime. It is intended primarily for use by the maintenance, store, and purchase departments.

The program has been designed to run under DOS/VS or DOS/VSE around a DL/I data base architecture, using CICS as the communication manager.  
 Manual  
 ///5787-NAE

SH20-2511

CASHIER PERFORMANCE SYSTEM, IUP 5796-BAE, DESCRIPTION/OPERATIONS

The Cashier Performance System computes a number of key measurements of supermarket cashier performance. The key measurement is average item price. This information is a guide to store management to detect checker dishonesty (Sweethearting), the intentional underringing or non-ringing of merchandise for friends and relations. Feedback to the cashiers and their awareness of the application are psychological deterrents to sweethearting.

Manual, 8 1/2 x 11 inches  
 ///5796-BAE

SH20-2514

QUERY BY EXAMPLE TO A DEPARTMENTAL REPORTING SYSTEM II BRIDGE, IUP 5796-PLN, DESCRIPTION/OPERATIONS

The IUP is intended for end-users or data processing professionals who want to use the power of query by example (5796-PKT) to extract data combined with the ability of a departmental reporting System-II (5796-PLN) to process and report that data. This program provides a new command, build, for a departmental reporting System-II (ADRS-II) which creates an ADRS-II data base from files created by a query by example (QBE) query.

Manual, 8 1/2 x 11 inches, 24 pages, 2/81  
 ///5796-PLN

SH20-2515

APL DATA INTERFACE II/TSO, IUP 5796-PNJ, DESCRIPTION/OPERATIONS

APL Data Interface II for TSO is a general purpose interaction facility designed to provide a powerful, responsive inquiry facility to the end user. It also includes a variety of reporting capabilities which provide comprehensive data analysis.

Manual, 8 1/2 x 11 inches, 192 pages, 9/81  
 ///5796-PNJ

SH20-2521

PANEL 2, IUP 5796-PPA, DESCRIPTION/OPERATIONS

PANEL 2 is a line art program that is used to develop flowcharts, HIPO charts, foils, and simple drawings. The program uses a two-screen approach to graphics, with a 3277 Model 2 for alphameric interaction and a storage display screen for graphics pictures. Use of the dual display provides improved interactivity and flexibility, and permits the customer to take advantage of the best characteristics of both displays.

Manual, 8 1/2 x 11 inches, 3/81  
 ///5796-PPA

SH20-2526

COMPUTER ASSISTED PHARMACY SYSTEM (DOS/VSE), IUP 5796-BBK, QUICK REFERENCE

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 104 pages, 6/81  
 ///5796-BBK

SH20-2527

COMPUTER ASSISTED PHARMACY SYSTEM (DOS/VSE) IUP 5796-BBK, DESCRIPTION/OPERATIONS

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 6/81  
 ///5796-BBK

SH20-2528

COMPUTER ASSISTED PHARMACY SYSTEM, IUP 5796-BBK, TERMINAL USERS GUIDE

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 584 pages, 6/81  
 ///5796-BBK

SH20-2529

COMPUTER ASSISTED PHARMACY SYSTEM, IUP 5796-BBK, OPERATION MANUAL

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 6/81  
 ///5796-BBK

SH20-2530

DEVELOPMENT MANAGEMENT SYSTEM/DPCX, LIC PROG 5748-XC4

This program product provides an interactive interface for defining applications and for generating them into 8100/DPCX statements. These statements are then assembled and validated on a System/370 or 4300 and executed on the IBM 8100/DPCX system.

The file inquiry support allows the user to examine the contents of any data structure defined through the Development Management System.

This program product is designed to simplify application development. By providing a simple programming interface, both DP professionals and new users may use this program product to develop and maintain online interactive applications with a minimal learning period.

Manual, 8 1/2 x 11 inches, 364 pages, 11/80  
 ///5748-XC4

SH20-2531

DIRECT STORE DELIVERY, IUP 5796-BBE, DESCRIPTION/OPERATIONS

Direct Store Delivery provides centralized control of vendor deliveries in terms of authorized items and billing. These produce tighter controls on shrink which increases profit. It also controls shelf space to reduce items for increased business volumes. Makes use of a data base of all DSD items through 3278's.

Manual, 8 1/2 x 11 inches, 6/81  
 ///5796-BBE

SH20-2532

COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, DESCRIPTION/OPERATIONS

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 190 pages, 6/81  
 ///5796-BBD

SH20-2533

COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, OPERATIONS

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 6/81  
 ///5796-BBD

SH20-2534

COMPUTER ASSISTED PHARMACY SYSTEM, IUP 5796-BBD, TERMINAL USERS GUIDE

The Computer Assisted Pharmacy System is a centralized

online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 584 pages, 6/81  
 ///5796-BBD

SH20-2535

COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, TERMINAL USERS QUICK REFERENCE

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Manual, 8 1/2 x 11 inches, 104 pages, 6/81  
 ///5796-BBD

SH20-2536

EDUCATIONAL INFORMATION SYSTEM/DATABASE, IUP 5796-BAZ, DESCRIPTION/OPERATIONS

The Education Information System-Data Base represents a nucleus for implementing a Management Information System at an educational institution. It is a comprehensive set of designs, techniques, and programs which will allow users to install DB/DC based educational information systems.

Manual, 8 1/2 x 11 inches, 124 pages, 7/81  
 ///5796-BAZ

SH20-2550

3624 AUTOMATED TELLER MACHINE HOST SUPPORT IMS/VS, IUP 5796-BBG, DESCRIPTION/OPERATIONS

This installed user program is a collection of application programs that support the IBM 3624 ATM with the direct attached feature in an IBM IMS/VS environment. An ACF/VTAM application program interfaces between IMS/VS and the 3624 providing device dependent services and message formatting. IMS/VS message processing programs authorize 3624 requests and provide the user with information necessary to monitor and control ATM operation from a central location.

Manual, 8 1/2 x 11 inches, 357 pages, 6/81  
 ///5796-BBG

SH20-2551

IMS/VS 3624 AUTOMATED TELLER MACHINE HOST SUPPORT, IUP 5796-BBG, USERS GUIDE

This installed user program is a collection of application programs that support the IBM 3624 ATM with the direct attached feature in an IBM IMS/VS environment. An ACF/VTAM application program interfaces between IMS/VS and the 3624 providing device dependent services and message formatting. IMS/VS message processing programs authorize 3624 requests and provide the user with information necessary to monitor and control ATM operation from a central location.

Manual, 8 1/2 x 11 inches, 144 pages, 6/81  
 ///5796-BBG

SH20-2555

AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, DESCRIPTION/OPERATIONS

First American's Automated Teller Online Application and Reporting System IUP (5796-BBJ) is: An online authorization and network operations system under CICS/DOS/VS and a batch transaction and usage reporting for a network of 3614 and/or 3624 Consumer Transaction Facilities.

The system will support both direct-attached and/or loop-attached 3614/3624s. It will support either AET (alternate encryption technique) or DES (data encryption standard) 3614s and will support either single or dual-denomination 3614s and 3624s.

The system is designed to run in conjunction with the 3600 application program provided by the 3614/3624 Consumer Online Transaction System (COLTS) program product for the support of loop-attached automated teller machines (ATMs).

This IUP (5796-BBJ) is a complete replacement of the two prior IUPs (5796-ANH and 5796-AQT), the First American Automated Teller Host Support system Base and Enhancements.

Current users of the prior IUPs can order the new system update IUP under the license number 5796-BBH. New users must order the complete system IUP, 5796-BBJ.

Manual, 8 1/2 x 11 inches, 400 pages, 10/31  
 ///5796-BBJ, 5796-BBH

SH20-2556

AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, PROGRAM INSTALLATION/OPERATIONS

First American's Automated Teller Online Application and Reporting System IUP (5796-BBJ) is: An online authorization and network operations system under CICS/DOS/VS and a batch

transaction and usage reporting for a network of 3614 and/or 3624 Consumer Transaction Facilities.

The system will support both direct-attached and/or loop-attached 3614/3624s. It will support either AET (alternate encryption technique) or DES (data encryption standard) 3614s and will support either single or dual-denomination 3614s and 3624s.

The system is designed to run in conjunction with the 3600 application program provided by the 3614/3624 Consumer Online Transaction System (COLTS) program product for the support of loop-attached automated teller machines (ATMs).

This IUP (5796-BBJ) is a complete replacement of the two prior IUPs (5796-ANH and 5796-AQT), the First American Automated Teller Host Support system Base and Enhancements.

Current users of the prior IUPs can order the new system update IUP under the license number 5796-BBH. New users must order the complete system IUP, 5796-BBJ. Manual, 8 1/2 x 11 inches, 300 pages, 10/81  
 ///5796-BBJ,5796-BBH

Sh20-2557

AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, TERMINAL USER'S GUIDE

First American's Automated Teller Online Application and Reporting System IUP (5796-BBJ) is: An online authorization and network operations system under CICS/DOS/VS and a batch transaction and usage reporting for a network of 3614 and/or 3624 Consumer Transaction Facilities.

The system will support both direct-attached and/or loop-attached 3614/3624s. It will support either AET (alternate encryption technique) or DES (data encryption standard) 3614s and will support either single or dual-denomination 3614s and 3624s.

The system is designed to run in conjunction with the 3600 application program provided by the 3614/3624 Consumer Online Transaction System (COLTS) program product for the support of loop-attached automated teller machines (ATMs).

This IUP (5796-BBJ) is a complete replacement of the two prior IUPs (5796-ANH and 5796-AQT), the First American Automated Teller Host Support system Base and Enhancements.

Current users of the prior IUPs can order the new system update IUP under the license number 5796-BBH. New users must order the complete system IUP, 5796-BBJ. Manual, 10/81  
 ///5796-BBJ,5796-BBH,5796-BDC,5796-BDA

Sh20-2558

CIRCUIT PACK SYSTEM, IUP 5796-BBL, DESCRIPTION/OPERATIONS

This manual is an installation guide for the Circuit Pack System. It details software installation on a VM/CMS system and includes a sample problem description which can be used to validate the system installation. (The appropriate Terminal User's Guide should be referenced when using the sample problem).

Manual, 8 1/2 x 11 inches, 44 pages, 7/81  
 ///5796-BBL

Sh20-2559

DESIGN VERIFICATION SYSTEM, IUP 5796-BBN, DESCRIPTION/OPERATIONS

This manual is an installation guide for the Design Verification System, part of the Circuit Board Design System. It details software installation on a VM/CMS system and includes a sample problem description which can be used to validate the system installation. The sample problem uses the same design as the Circuit Pack System sample problem.

Manual, 8 1/2 x 11 inches, 16 pages, 7/81  
 ///5796-BBN

Sh20-2560

DATA STORAGE SYSTEM, IUP 5796-BBP, DESCRIPTION/OPERATIONS

This manual is an installation guide for the Data Storage System, part of the Circuit Board Design System. It details software installation on a VM/CMS system and includes a sample problem description, which can be used to validate the system installation. The sample problem uses the same design as the Circuit Pack System sample problem.

Manual, 8 1/2 x 11 inches, 24 pages, 7/81  
 ///5796-BBP

Sh20-2562

CIRCUIT PACK SYSTEM, IUP 5796-BBL

This manual provides a brief overview of the related four Circuit Pack System Manuals. It describes the Circuit Pack System, part of the Circuit Board Design System, as an integrated system. It includes common user guide information, such as access to the system and terminal use.

Manual, 8 1/2 x 11 inches, 44 pages, 7/81  
 ///5796-BBL

Sh20-2563

DESIGN VERIFICATION SYSTEM, IUP 5796-BBN, TERMINAL USERS GUIDE

This manual describes the basic concepts of the Design Verification System and provides detailed commands descriptions for the user.

Manual, 8 1/2 x 11 inches, 7/81  
 ///5796-BBN

SH20-2564

DATA STORAGE SYSTEM, IUP 5796-BBP, TERMINAL USERS GUIDE

This manual describes the basic concepts of the Data Storage System and provides detailed command descriptions, both for the project data administrator and the general user.

Manual, 8 1/2 x 11 inches, 284 pages, 7/81  
 ///5796-BBP

SH20-2566

ENGLISH COMMUNICATION SKILLS CAI VERSION II, IUP 5796-BBT, DESCRIPTION/OPERATIONS

English Communication Skills, COMSKL/CAI Version 2, is a computer assisted learning system designed to assist the student in gaining proficient use of English communications skills through: Pre-testing and prescription; drill and practice; and post testing.

Manual, 8 1/2 x 11 inches, 36 pages, 7/81  
 ///5796-BBT

SH20-2567

ENGLISH COMMUNICATION SKILLS CAI VERSION II, IUP 5796-BBT, LEARNING MATERIALS

English Communication Skills, COMSKL/CAI Version 2, is a computer assisted learning system designed to assist the student in gaining proficient use of English communications skills through: Pre-testing and prescription; drill and practice; and post testing.

Manual, 8 1/2 x 11 inches, 428 pages, 7/81  
 ///5796-BBT

SH20-2568

ENGLISH COMMUNICATION SKILLS CAI VERSION II, IUP 5796-BBT, USERS GUIDE

English Communication Skills, COMSKL/CAI Version 2, is a computer assisted learning system designed to assist the student in gaining proficient use of English communications skills through: Pre-testing and prescription; drill and practice; and post testing. pre-testing and prescription; drill and practice; and post testing.

Manual, 8 1/2 x 11 inches, 84 pages, 7/81  
 ///5796-BBT

SH20-2570

COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, OPERATIONS MANUAL

The Comprehensive Credit Union System utilizes the IBM System/370, 4300, or 303X processors and the 3600 Finance Communication System. It provides complete on-line facilities for both teller and administrative users, and full batch processing and reporting functions.

Manual, 8 1/2 x 11 inches, 256 pages  
 ///5796-BBW,5796-BBY,5796-BBX

SH20-2571

COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, INSTALLATION MANUAL

The Comprehensive Credit Union System utilizes the IBM System/370, 4300, or 303X processors and the 3600 Finance Communication System. It provides complete on-line facilities for both teller and administrative users, and full batch processing and reporting functions.

Manual, 8 1/2 x 11 inches, 312 pages, 2/82  
 ///5796-BBW,5796-BBY,5796-BBX

SH20-2572

COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, TERMINAL USERS GUIDE

The Comprehensive Credit Union System utilizes the IBM System/370, 4300, or 303X processors and the 3600 Finance Communication system. It provides complete on-line facilities for both teller and administrative users, and full batch processing and reporting functions.

Manual, 8 1/2 x 11 inches, 312 pages, 1/82  
 ///5796-BBW,5796-BBY,5796-BBX

SH20-2582

COMPUTER AIDED ENGINEERING DESIGN SYSTEM, FRAME ANALYSIS SYSTEM, IUP 5796-AZA, DESCRIPTION/OPERATIONS

Computer-aided Engineering Design Systems (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes three programs (Frame Analysis, Graphics, and Finite Element Analysis), which operate on interactive graphic workstations.

\*Registered trademark of Structural Dynamic Research Corp.

Manual, 8 1/2 x 11 inches, 12/81  
 ///5796-AZA

SH20-2583

COMPUTER AIDED ENGINEERING DESIGN SYSTEM, FINITE ELEMENT ANALYSIS, IUP 5796-AZE, DESCRIPTION/OPERATIONS

Computer-Aided Engineering Design System (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes three programs (Frame Analysis, Graphics, and Finite Element Analysis) which operate on an interactive graphic workstation.

\*Registered trademark of Structural Dynamics Research Corp.

Manual, 8 1/2 x 11 inches, 92 pages, 12/81  
 ///5796-AZB

SH20-2586

COMPUTER AIDED ENGINEERING DESIGN SYSTEM, GRAPHICS SYSTEM, IUP 5796-BBZ, DESCRIPTION/OPERATIONS  
 Computer-aided Engineering Design Systems (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes three programs (Frame Analysis, Graphics, and Finite Element Analysis), which operate on interactive graphic workstations.  
 \*Registered trademark of Structural Dynamic Research Corp.  
 Manual, 12/81  
 ///5796-BBZ

SH20-2587

COMPUTER AIDED ENGINEERING DESIGN SYSTEM, FRAME ANALYSIS, IUP 5796-AZA, USER MANUAL  
 Computer-Aided Engineering Design System (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes three programs (Frame Analysis, Graphics, and Finite Element Analysis) which operate on an interactive graphic workstation.  
 \*Registered trademark of Structural Dynamics Research Corp.  
 Manual, 8 1/2 x 11 inches, 12/81  
 ///5796-AZA

SH20-2588

COMPUTER AIDED ENGINEERING DESIGN SYSTEM FINITE ELEMENT ANALYSIS, IUP 5796-AZB, USER MANUAL  
 Computer-Aided Engineering Design System (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes three programs (Frame Analysis, Graphics, and Finite Element Analysis) which operate on an interactive graphic workstation.  
 \*Registered trademark of Structural Dynamics Research Corp.  
 Manual, 8 1/2 x 11 inches, 12/81  
 ///5796-AZB

SH20-2591

COMPUTER AIDED ENGINEERING DESIGN SYSTEM, GRAPHICS, IUP 5796-BBZ, USER MANUAL  
 Computer-Aided Engineering Design System (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes three programs (Frame Analysis, Graphics, and Finite Element Analysis) which operate on an interactive graphic workstation.  
 \*Registered trademark of Structural Dynamics Research Corp.  
 Manual, 8 1/2 x 11 inches, 12/81  
 ///5796-BBZ

SH20-2595

PATIENT CARE SYSTEM-INFECTION DATA MANAGEMENT, IUP 5796-BCC, DESCRIPTION/OPERATION  
 The Patient Care System (PCS) Infection Data Management Installed User Program (IUP 5796-BCC) is an online data entry system with batch reporting capabilities. It provides a hospital's Department of Epidemiology a powerful tool to record and analyze incidences of nosocomial (hospital acquired) infections. Potential sources of infection within the hospital are identified and steps are taken to reduce or eliminate the factors contributing to those risks.  
 Manual, 8 1/2 x 11 inches, 265 pages, 11/81  
 ///5796-BCC

SH20-2598

CIRCUIT PACK SYSTEM, IUP 5796-BBL, TERMINAL USERS GUIDE  
 This manual describes the concepts of the Component Data Base, part of the Circuit Board Design System, and provides detailed command descriptions.  
 Manual, 8 1/2 x 11 inches, 232 pages, 7/81  
 ///5796-BBL

SH20-2599

CIRCUIT PACK SYSTEM, IUP 5796-BBL, TERMINAL USERS GUIDE  
 This manual describes the basic concepts of the Logic Layout System (LOKI), part of the Circuit Board Design System, and provides detailed command descriptions.  
 Manual, 8 1/2 x 11 inches, 152 pages, 7/81  
 ///5796-BBL

SH20-2600

CIRCUIT PACK SYSTEM, IUP 5796-BBL, PHYSICAL LAYOUT TERMINAL USER GUIDE  
 This manual describes the basic concepts of the Physical Layout System (SPRIG), part of the Circuit Board Design System, and provides detailed command descriptions.  
 Manual, 8 1/2 x 11 inches, 216 pages, 7/81  
 ///5796-BBL

SH20-2601

CIRCUIT PACK SYSTEM, IUP 5796-BBL, MANUFACTURING DATA GENERATION SYSTEM TERMINAL USERS GUIDE  
 This manual describes the basic concepts of the Manufacturing Data Generation System (FABRIC), part of the Circuit Board Design System, and provides detailed command descriptions.  
 Manual, 8 1/2 x 11 inches, 72 pages, 7/81  
 ///5796-BBL

SH20-2605

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXX, DESCRIPTION/OPERATIONS  
 The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
 This system is the 3600 portion of the program offering. This product is designed to use in combination with Installed User Program 5796-AXW which is the host portion of the application.  
 This publication describes the 3600 system concepts and operation, and should provide a basic understanding of the programs included. It is assumed that the reader has a general knowledge of the thrift industry and IBM products relating to that industry.  
 Manual, 8 1/2 x 11 inches, 12/81  
 ///5796-AXX

SH20-2607

MANYFONT, IUP 5796-PPE, USERS GUIDE  
 MANYFONT extends the multiple font capability of SCRIPT/VS to a variety of typing and non-typing terminals. It is intended for engineering and scientific users who must format documents containing equations.  
 MANYFONT provides an easy way to format equations and correct errors interactively. It allows a document formatted for any supported output device to be displayed on any other supported device, reducing the time it takes to produce the final report.  
 This User's Guide contains all the information needed to install MANYFONT, create documents containing equations, and produce the output.

Manual, 8 1/2 x 11 inches, 56 pages, 7/82  
 ///5796-PPE

SH20-2612

PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, DESCRIPTION/OPERATIONS  
 This manual describes the capabilities of the Patient Care System-Application Development System. It also contains terminal user instructions, programming guidelines, systems considerations, and installation planning information.  
 The primary purpose of this manual is to provide the system coordinators and programmers with an understanding of the system architecture and functions so that the system may be quickly installed and used efficiently and easily.  
 The manual is intended for use with the Patient Care System-Application Preparation System (5796-BCF) and the Patient Care System-Application Execution System (5796-BCE).  
 Manual, 8 1/2 x 11 inches, 11/81  
 ///5796-BCE

SH20-2613

PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, MESSAGES AND CODES REFERENCE  
 This manual lists the codes and messages that may be issued by the Patient Care System-Application Development System along with the associate explanations and options.  
 The primary purpose of this manual is to provide the users with an understanding of the Patient Care System-Application Development System error codes, so that one may determine what options are available and easily locate the reason for any error code or message encountered.  
 The manual is intended for use with the Patient Care System-Application Preparation System (5796-BCF) and the Patient Care System-Application Execution System (5796-BCE).  
 Manual, 8 1/2 x 11 inches, 11/81  
 ///5796-BCE

SH20-2614

PATIENT CARE SYSTEM-APPLICATION PREPARATION SYSTEM, IUP 5796-BCF, DESIGN AND CODING GUIDE  
 This manual describes the rules for defining screen formats, print messages, data collection lists, and other Patient Care System-Application Development System coding features.  
 The purpose of this manual is to provide user coordinators, system coordinators, analysts, and programmers with the information necessary to create, modify and maintain applications written using this system.  
 This manual is intended for use with the Patient Care System-Application Preparation System (5796-BCF).  
 Manual, 8 1/2 x 11 inches, 212 pages, 11/81  
 ///5796-BCF

- SH20-2617  
HOST DOCUMENT VIEW FACILITY, IUP 5796-BCL,  
DESCRIPTION/OPERATIONS  
 The Host Document View Facility (HDVF) is an optional feature available for use with the IBM Distributed Office Support System (DISOSS).  
 With HDVF installed, 3270 users of existing DP applications can now gain the benefits of Office Systems' functions such as: filing of external (non-system) documents; search and retrieval of previously filed documents created on the IBM 8100/DOSF; displaying and printing of filed documents and document descriptors either at a host printer or at a local printer; updating the profile (index) of previously filed documents; and deleting a document from the file (DISOSS Host Text Library).  
 Manual, 8 1/2 x 11 inches, 216 pages, 12/81  
 ////5796-BCL
- SH20-2619  
APL GRAPHPAK FULL SCREEN INTERFACE, IUP 5796-PPH,  
DESCRIPTION/OPERATIONS  
 The GRAPHPAK Full Screen Interface is an interactive, full-screen oriented, menu-driven, easy-to-use facility which allows the non-programmer and programmer to fully exploit the wide range of graphics capabilities provided by VS APL GRAPHPAK. With the GRAPHPAK interface one can easily produce the following kinds of graphics: bar charts, pie charts, general plots, step charts, histograms, 3-D charts, hierarchical charts, line drawings, and filled areas.  
 Manual, 8 1/2 x 11 inches, 128 pages, 11/81  
 ////5796-PPH
- SH20-2623  
GROUP LIFE MANAGEMENT SYSTEM, 5796-PQF,  
DESCRIPTION/OPERATIONS  
 This IUP is an online system operating under the control of VM/CMS and provides the following functions: additions, deletions, and modifications to Group Master Data and to Policy Descriptor Data; additions, replacements, and cancellations in Enrollment Data; adjustments in policy data for billing purposes; and complete audit trail for all transactions.  
 Provides batch support for printing 3 x 5 cards on additions and changes (daily), certificates on additions and changes (daily), audit trail, and monthly billing.  
 Manual, 8 1/2 x 11 inches, 238 pages, 1/82  
 ////5796-PQF
- SH20-2624  
RAMS II STUDENT SERVICES SYSTEM, IUP 5796-BCR,  
DESCRIPTION/OPERATIONS  
 The RAMS II Student Services IUP provides a wide variety of system features that allow school administrators and clerical staff to perform the varied processes of recording and updating student records in accordance with their educational policies.  
 Due to the flexibility of the RAMS II Student Services package, only a minimal amount of data needs to be stored in the data base prior to the beginning of the student record process. The educational institution may then tailor a student accounting system to be as simple or as complex as school policies and practices dictate.  
 It provides the user with a systematic way to view student records. It is centered on using technology to its fullest potential. It provides timely and efficient reports and it places emphasis on reducing clerical work.  
 Manual, 8 1/2 x 11 inches, 200 pages, 2/82  
 ////5796-BCR
- SH20-2626  
RAMS II STUDENT SERVICES SYSTEM, IUP 5796-BCR, INSTALLATION  
 The RAMS II Student Services IUP provides a wide variety of system features that allow school administrators and clerical staff to perform the varied processes of recording and updating student records in accordance with their educational policies.  
 Due to the flexibility of the RAMS II Student Services package, only a minimal amount of data needs to be stored in the data base prior to the beginning of the student record process. The educational institution may then tailor a student accounting system to be as simple or as complex as school policies and practices dictate.  
 It provides the user with a systematic way to view student records. It is centered on using technology to its fullest potential. It provides timely and efficient reports and it places emphasis on reducing clerical work.  
 Manual, 8 1/2 x 11 inches, 172 pages, 2/82  
 ////5796-BCR
- SH20-2627  
MANYFONT, IUP 5796-PPE, PRIMER  
 This document is a primer for new users of MANYFONT, a program to assist in the production of reports containing several type faces.  
 This Primer illustrates the steps used to create a document containing equations and gives some helpful hints to make the job easier. It should be used in conjunction with the MANYFONT User's Guide.  
 Manual, 8 1/2 x 11 inches, 28 pages, 10/81  
 ////5796-PPE
- SH20-2628  
COMPUTER GRAPHICS AIDED THREE DIMENSIONAL INTERACTIVE APPLICATIONS, IUP 5796-PQG, -PQH, -PQJ, -PQL, INSTALLATION  
 The Computer-Graphics Aided Tri-Dimensional Interactive Applications System (CATIA\*) is a highly interactive, high function 3-D Geometry System for Computer-Aided Design and Manufacturing.  
 \* Trademark of Dassault Systemes  
 Manual, 8 1/2 x 11 inches, 144 pages, 2/82  
 ////5796-PQG, 5796-PQH, 5796-PQJ, 5796-PQL
- SH20-2629  
COMPUTER GRAPHICS AIDED THREE DIMENSIONAL INTERACTIVE APPLICATIONS, IUP 5796-PQG, -PQH, -PQJ, -PQL, USER MANUAL  
 The Computer-Graphics Aided Tri-Dimensional Interactive Applications System (CATIA\*) is a highly interactive, high function 3-D Geometry System for Computer-Aided Design and Manufacturing.  
 \* Trademark of Dassault Systemes  
 Manual, 8 1/2 x 11 inches, 632 pages, 2/82  
 ////5796-PQG, 5796-PQH, 5796-PQJ, 5796-PQL
- SH20-2630  
PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, DATA MANAGEMENT REFERENCE  
 This manual describes the capabilities of Patient Care System-Application Development System Data Management. It provides the flow of each function, examples of data access coding, and sample Patient Care System-Application Development System Data Directory definitions.  
 The primary purpose of this manual is to provide system coordinators, data base administrator, data management administrator, analysts, systems programmers, and programmers with an understanding of how to use the functions of this program.  
 This manual is intended for use with the Patient Care System-Application Execution System (5796-BCE).  
 Manual, 8 1/2 x 11 inches, 11/81  
 ////5796-BCE
- SH20-2631  
PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, EDIT FUNCTION REFERENCE  
 This manual describes the capabilities of the Patient Care System-Application Development System Edit Function. It provides the flow of each function, examples of screen and data collection list coding, and sample Symbol Tables.  
 The primary purpose of this manual is to provide user coordinators, system coordinators, analysts, and programmers with an understanding of how to use the functions of this program.  
 This manual is intended for use with the Patient Care System-Application Execution System (5796-BCE).  
 Manual, 8 1/2 x 11 inches, 11/81  
 ////5796-BCE
- SH20-2634  
IMS APPLICATION DEVELOPMENT FACILITY, IUP 5796-PHX, APPLICATION DEVELOPING GUIDE  
 This manual is designed to assist users who are developing application systems using the Application Development Facility (Installed User Program, 5796-PHX) under the Information Management System/Virtual Storage Version 1 (Program Product 5740-XX2).  
 The first several chapters constitute a primer, with the remaining chapters covering more advanced topics.  
 Manual, 8 1/2 x 11 inches, 10/81  
 ////5796-PHX
- SH20-2643  
COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, APPLICATION PROGRAMMERS MANUAL  
 The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
 This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.  
 This manual contains general standards for such items as documentation, multi-company programming, compile and link edit job control language. It also contains other reference information for functions which are called from online applications, online input/output parameters, general called subroutines, masking and disk file allocations.  
 Manual, 8 1/2 x 11 inches, 352 pages, 12/81  
 ////5796-AXW
- SH20-2644  
COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, TELLER MANUAL  
 The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
 This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller software for the online teller



application.

This manual discusses posting procedures and terminal usage for all operations on the 3604/3611 or 3604/3616 Teller System. Posting steps for all applications are discussed.

Manual, 12/81  
 ///5796-AXW

///5787-DAA,5787-FAL,5787-DAB,5787-FAK,5787-FAH,5787-FAJ

SH20-2656

EDUCATIONAL INFORMATION SYSTEM/REGISTRATION, IUP 5796-PQR, DESCRIPTION/OPERATIONS

Education Information System/Registration supports by online terminals all functions relating to student enrollment. Some of these functions are: initial registration, add/drop processing after initial registration, printing of student schedules, fee collection, control of student's right to register, display of class rosters, multiple term registration, and automatic advisor assignments.  
 Manual, 8 1/2 x 11 inches, 144 pages, 5/82  
 ///5796-PQR

SH20-2646

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ONLINE OPERATORS MANUAL

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is intended for use by data processing operations personnel. It includes system management transactions and procedures, network configuration, etc.  
 Manual, 8 1/2 x 11 inches, 104 pages, 12/81  
 ///5796-AXW

SH20-2658

A DEPARTMENTAL REPORTING SYSTEM II BUSINESS GRAPHICS, IUP 5796-PLN FEATURES 6029 & 6030, USER GUIDE

A Departmental Reporting System/Business Graphics (ADRSII/BG) is a highly flexible graphics option of ADRSII which allows the business professional to display reports in eight types of color charts. ADRSII/BG integrates the report processing power of ADRSII with the quality graphics capability of Graphics Data Display Manager/Presentation Graphic Feature. The business graphics option provides an interactive, user-oriented environment for the production of color business graphs, reports, data, and text.  
 Manual, 8 1/2 x 11 inches, 86 pages, 2/82  
 ///5796-PLN

SH20-2647

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ONLINE PROGRAMMING AIDS

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller software for the online teller application.

This guide contains reference and installation material for online programming aids such as console display, power queue display/management, memory display, volume table of contents display, CICS/VS statistics display, etc. Usability of this part of the system will vary by individual choice.  
 Manual, 8 1/2 x 11 inches, 68 pages, 12/81  
 ///5796-AXW

SH20-2662

GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, PROGRAMMER USER GUIDE

This IUP is an online system operating under the control of VM/CMS and provides the following functions: additions, deletions, and modifications to Group Master Data and to Policy Descriptor Data; additions, replacements, and cancellations in Enrollment Data; adjustments in policy data for billing purposes; and complete audit trail for all transactions.

Provides batch support for printing 3 x 5 cards on additions and changes (daily), certificates on additions and changes (daily), audit trail, and monthly billing.  
 Manual, 8 1/2 x 11 inches, 22 pages, 1/82  
 ///5796-PQF

SH20-2650

BASIC GRAPHIC SUPPORT SYSTEM, IUP 5785-DCX, DESCRIPTION/OPERATIONS

Graphical Interactive Application Monitor provides graphics creation and manipulation capabilities which relieves the user of much of the work required to develop and maintain graphics applications. It includes two components: Basic Graphic Support System, 5785-DCX and Basic Interactive Application Monitor, 5785-DCJ.

Manual, 8 1/2 x 11 inches, 176 pages, 12/81  
 ///5785-DCX

SH20-2663

GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, USER TRANSACTION REFERENCES

This IUP is an online system operating under the control of VM/CMS and provides the following functions: additions, deletions, and modifications to Group Master Data and to Policy Descriptor Data; additions, replacements, and cancellations in Enrollment Data; adjustments in policy data for billing purposes; and complete audit trail for all transactions.

Provides batch support for printing 3 x 5 cards on additions and changes (daily), certificates on additions and changes (daily), audit trail, and monthly billing.  
 Manual, 8 1/2 x 11 inches, 60 pages, 1/82  
 ///5796-PQF

SH20-2651

BASIC INTERACTIVE GRAPHICS APPLICATION MONITOR, IUP 5785-DCJ, DESCRIPTION/OPERATIONS

Graphical Interactive Application Monitor provides graphics creation and manipulation capabilities which relieves the user of much of the work required to develop and maintain graphics applications. It includes two components: Basic Graphic Support System, 5785-DCX and Basic Interactive Application Monitor, 5785-DCJ.

Manual, 8 1/2 x 11 inches, 320 pages, 12/81  
 ///5785-DCJ

SH20-2664

GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, USER TRANSACTION REFERENCE MANUAL

This IUP is an online system operating under the control of VM/CMS and provides the following functions: additions, deletions, and modifications to Group Master Data and to Policy Descriptor Data; additions, replacements, and cancellations in Enrollment Data; adjustments in policy data for billing purposes; and complete audit trail for all transactions.

Provides batch support for printing 3 x 5 cards on additions and changes (daily), certificates on additions and changes (daily), audit trail, and monthly billing.  
 Manual, 8 1/2 x 11 inches, 118 pages, 1/82  
 ///5796-PQF

SH20-2653

DORTMUND LIBRARY SYSTEM: LEUVEN LIBRARY SYSTEM-ONLINE, FDP 5787-DAA, -DAB, -FAJ, -FAK, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for LY20-9068.

Manual, 8 1/2 x 11 inches, 156 pages, 2/82  
 ///5787-FAJ,5787-DAA,5787-DAB,5787-FAK

SH20-2668

FUNDAMENTAL ACCOUNTING PRINCIPLES, IUP 5796-PQY, DESCRIPTION/OPERATIONS

Fundamental Accounting Principles (ACCT) is a computer-based training (CBT) system designed to operate as a course under the IBM Program Product, Interactive Instructional System, and assist the student user in achieving proficient use of the fundamental concept of accounting introduced in most first and second semester courses on accounting. ACCT supports existing accounting instruction and offers a way to reduce classroom time spent to accommodate student learning differences and experience levels.

Manual, 8 1/2 x 11 inches, 72 pages, 4/82  
 ///5796-PQY

SH20-2654

LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-FAH, -FAL, DESCRIPTION/OPERATIONS

This Program Description/Operations Manual provides the user with sufficient information to understand, install and successfully use the program.

For information about this program, see abstract for LY20-9068.

Manual, 8 1/2 x 11 inches, 176 pages, 2/82  
 ///5787-FAH,5787-FAL

SH20-2655

DORTMUND LIBRARY SYSTEM: LEUVEN LIBRARY SYSTEM-ONLINE, LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-DAA, -DAB, -FAJ, -FAK, -FAH, -FAC, LIBRARIAN'S GUIDE

For information about this program, see abstract for LY20-9068.

Manual, 8 1/2 x 11 inches, 164 pages, 2/82

SH20-2674

GDDM FILE DISPLAY AND MAINTENANCE, IUP 5796-PQX, DESCRIPTION/OPERATION

GDDM File Display and Maintenance (GFDM) is an online interactive system which displays all record keys on the GDDM VSAM file on a 3270 terminal. This allows the user to refresh his memory as to what data and forms were saved on

the GDDM file. Record keys can be displayed starting from the beginning of the file or starting with any generic key. This product will allow the user to delete, copy, and rename multiple records at one time on the GDDM file. GDDM system records are also protected from deletion.  
Manual, 8 1/2 x 11 inches, 20 pages, 5/82  
///5796-PQX

SH20-2676

3600/4700 PLATFORM AUTOMATION SYSTEM, IUP 5796-BDK, NOTICE  
This IUP creates, distributes and processes on or off host transactions needed to support the platform/administrative area of bank and thrift institution branch offices. Using a 1920 character display, screen and printer formats are interactively defined and tested at the 3600/4700 controller without the need for a host system.

At the platform workstation, transaction is designed to make use of customer host information, thereby minimizing key entry. Using the 3616 printer, existing customer pre-printed new account opening forms, certificates of deposit, money market certificates and Individual Retirement Accounts can be printed using the information entered at the platform terminal.

Manual, 8 1/2 x 11 inches, 124 pages, 6/82  
///5796-BDF,5796-BDK

SH20-2687

SERIES II - 3650 IN-STORE DATA COMMUNICATION FACILITY, IUP 5796-BDL, DESCRIPTION/OPERATIONS

The IBM In-Store Data Communications Facility Installed User Program Operating in a Series/1 provides the capability to batch transfer user data between a Series/1 and an IBM 3651 Store Controller. Point of Sale data such as Item Movement or Transaction Log data can be batch transferred from a 3651 Store Controller to a Series/1 so that the Series/1 can execute user written in-store applications such as, Merchandising, Cashier Performance, Inventory Management, Labor Scheduling, Flash Sales, Register Balancing, etc.  
Manual, 8 1/2 x 11 inches, 6/82  
///5796-BDL

GH20-4128

COURSEWRITER III/DOS VERSION 3 - SPECIFICATION SHEET PROGRAM NUMBER 5736-E11

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification Sheet, 2 pages  
///5736-E11

GH20-4139

STAT/BASIC, PROG. PROD. 5734-XA3 SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification Sheet, 2 pages  
///5734-XA3

GH20-4308

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF & VM/370-CMS, LIC PROG 5703-XM2, 5734-XM8, SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification sheet, 2 pages  
///5703-XM2,5734-XM8

GH20-4314

INTERACTIVE TRAINING SYSTEM: EXPANDED COURSE STRUCTURING FEATURE, PROG. PROD. 5734-XXC SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification Sheet, 4 pages  
///5734-XXC

GH20-4317

EPIC SOCRATES STUDENT SCHEDULE SYSTEM SPECIFICATION SHEET - PROG. NO. 5735-E91

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification Sheet, 2 pages  
///5735-E91

GH20-4322

EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, SPECIFICATIONS

This sheet describes the warranted specifications of the program EPIC: BUDGET/FINANCE.  
Specification sheet, 2 pages  
///5735-E93

GH20-4323

IBM SECURITIES ORDER MATCHING (SOM) SPECIFICATIONS - PROGRAM PRODUCT 5734-F32

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Flyer, 4 pages  
///5734-F32

GH20-4324

IBM TELECOMMUNICATIONS CONTROL SYSTEM (TCS) SPECIFICATIONS PROGRAM PRODUCT 5734-F31

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Flyer, 4 pages  
///5734-F31

GH20-4326

BUSINESS ANALYSIS/BASIC FOR SYSTEM/3 MODEL 6, ITF AND VM/370-CMS, LIC PROG 5703-XM3, 5734-XMB, SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification sheet, 2 pages  
///5703-XM3,5734-XMB

GH20-4333

IBM HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM PPS - PROGRAM PRODUCTS 5734-H11 AND 5736-H15

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Specification Sheet, 2 pages  
///5734-H11,5736-H15

GH20-4343

CHECK PROCESSING CONTROL SYSTEM (CPCS) - PROGRAM NUMBER 5734-F11 SPECIFICATIONS

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Flyer, 2 pages  
///5734-F11

GH20-4345

SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL, SPECIFICATIONS: APT-BP (BASIC POSITIONING), PROG. 5740-M51

APT-IC (INTERMEDIATE CONTOURING), PROG. 5740-M52  
APT-AC (ADVANCED CONTOURING), PROG. 5740-M53  
The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Flyer, 4 pages  
///5740-M53,5740-M52

GH20-4361

IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) SPECIFICATIONS PROG. PROD. 5746-XN1 (DOS/VS)

The Program Product Specifications (PPS) describe the warranted specifications of the subject Program Product.  
Program product specification sheet, 1 page  
///5746-XN1

GH20-4372

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION (FERST/VS): OS/VS1 MESSAGE SWITCHING, PROG. PROD. 5795-AAF SPECIFICATIONS

This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product.  
Program Product Specification Sheet, 2 pages  
///5795-AAF

GH20-4377

FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS) SPECIFICATIONS OS/VS1 EQUIPMENT CONTROL, PROG. PROD. 5795-AAH

This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product.  
Flyer, 2 pages  
///5795-AAH

GH20-4378

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VS (FERST/VS), SPECIFICATIONS - DOS/VS PROG. NO. 5795-AAJ, EQUIPMENT CONTROL

This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product.  
Program Product Specification Sheet, 2 pages  
///5795-AAJ

GH20-4382

CPCS/3890 FEATURE 6080/6081/6091 PROG. NO. 5734-F11, SPECIFICATIONS

This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product.  
Specification Sheet, 1 page  
///5734-F11

GH20-4384

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VS (FERST/VS) OS/VS1 FREIGHT BILLING, LIC PROG 5795-AAK, SPECIFICATIONS

This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product.  
Specification sheet, 4 pages  
///5795-AAK

GH20-4385

IBM SYSTEM/370 CHAINED FILE - DL/I BRIDGE (DOS/VS AND OS/VS) - PROGRAM PRODUCT 5748-XX3, SPECIFICATIONS  
This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Specification sheet, 2 pages  
////5748-XX3

GH20-4387

PSG II/VS DL/I DATA BASE & DATA BASE READ FEATURES, PROG PROD 5740-XT3 (OS/VS), 5746-XT1 (DOS/VS) SPECIFICATIONS  
This Program Product Design Objectives (PPDO) describes the design objectives and provides the estimated availability date of the subject Program Product.  
Program Product Specification Sheet, 2 pages  
////5740-XT3,5746-XT1

GH20-4389

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS) DOS/VS, SPECIFICATIONS - PROG. NO. 5795-AAL (FREIGHT BILLING)  
This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Specification Sheet, 4 pages  
////5795-AAL

GH20-4390

PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600), PROG PRODS 5740-F11 (OS/VS) & 5746-F11 (DOS/VS) SPECIFICATIONS  
This Program Product Specifications (PPS) describes the warranted specifications of the subject Program Product. Specification Sheet, 2 pages  
////5746-F11,5740-F11

GH20-4394

FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL STORAGE (FERST/VS) RATING/RATE AUDIT  
PROG PROD 5795-AAM, 5795-AAN, SPECIFICATIONS  
Describes the warranted specifications of the program. Specification Sheet, 4 pages  
////5795-AAM,5795-AAN

GH20-4397

PRINTTEXT/370, LIC PROG 5799-ALR, PRPQ EF3414, SPECIFICATIONS  
Describes the warranted specifications of the program. Flyer, 6 pages  
////5799-ALR

GH20-4408

SYSTEM/360 CONSUMER GOODS SYSTEM (COGS) - ALLOCATION (OS) FUNCTIONAL DESCRIPTION - PROGRAM NUMBER 5734-D32  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Functional Description Sheet, 2 pages  
////5734-D32

GH20-4409

SYSTEM/360 CONSUMER GOODS SYSTEM (COGS) FORECASTING (OS) FUNCTIONAL DESCRIPTION - PROGRAM NUMBER 5734-D33  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Description Sheet, 2 pages  
////5734-D33

GH20-4410

CONSUMER GOODS SYSTEM (COGS) ALLOCATION FUNCTIONAL DESCRIPTION - PROGRAM PRODUCT 5736-D31  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Description Sheet, 2 pages  
////5736-D31

GH20-4418

THE CONSUMER GOODS SYSTEM (COGS) - FORECASTING FUNCTIONAL DESCRIPTION) - PROGRAM PRODUCT - 5736-D32  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Description sheet, 2 pages  
////5736-D32

GH20-4424

PROCEDURE LIBRARY - MATHEMATICS (PL-MATH), FUNCTIONAL DESCRIPTION - PROG. PROD. 5734-XM3  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Flyer, 2 pages  
////5734-XM3

GH20-4432

MINIPERT, LIC PROG 5734-XP3, FUNCTIONAL DESCRIPTION  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Flyer  
////5734-XP3

GH20-4435

CONTINUOUS SYSTEM MODELING PROGRAM (CSMPIII), FUNCTIONAL DESCRIPTION - PROGRAM NUMBER 5734-XS9  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Description Sheet, 6 pages  
////5734-XS9

GH20-4440

SYSTEM/360 CAPACITY PLANNING - FINITE LOADING, PROG PROD 5736-M12 FUNCTIONAL DESCRIPTION  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Functional Description Sheet, 2 pages  
////5736-M12

GH20-4441

OS CAPACITY PLANNING FINITE LOADING PROGRAM NO. 5734-M54 FUNCTIONAL DESCRIPTION  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Functional Description Sheet, 2 pages  
////5734-M54

GH20-4446

CICS FEATURE AND DBOMP-CICS/DASE FEATURE OF DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR - PROG PROD 5736-XX4, FUNCTIONAL DESCRIPTION  
This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Flyer, 2 pages  
////5736-XX4

GH20-4477

ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING CONTROL SYSTEM (CPCS) DEPOSIT PROCESSING FEATURE, PROG PROD 5734-F11 (6072/6073)  
The Licensed Program Design Objectives (PPDO) describes the design objectives and provides the estimated availability date for the subject program.  
Design Objectives, 8 1/2 x 11 inches, 4 pgs, 4/77  
////5734-F11

GH20-4478

ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING - OS/VS PROG PROD 5740-F13, DESIGN OBJECTIVES  
The Licensed Program Design Objectives (PPDO) describes the design objectives and provides the estimated availability date for the subject program.  
Design Objectives, 8 1/2 x 11 inches, 2 pgs, 4/77  
////5740-F13

GH20-4484

DMS/3790, PROG PROD 5748-XC2, DESIGN OBJECTIVES  
The Licensed Program Design Objectives (LPDO) describes the design objectives and provides the estimated availability date for the subject program.  
Flyer, 8 1/2 x 11 inches, 4 pgs, 6/77  
////5748-XC2

GH20-4489

DP ACCOUNTING FOR IMS/VS, SPECIFICATIONS, PROG PROD 5740-DC2  
Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77  
////5740-DC2

GH20-4490

CHANGE TRACKER, PROG PROD 5740-DC4, CHANGE MANAGEMENT/TRACKING, PROG PROD 5740-DC1, SPECIFICATIONS  
Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77  
////5740-DC1,5740-DC4

GH20-4491

SERVICE LEVEL REPORTER, PROG PROD 5740-DC3, SPECIFICATIONS  
Describes the warranted specifications of the program. Flyer, 8 1/2 x 11 inches, 2 pgs, 7/77  
////5740-DC3

GH20-4494

HIERARCHICAL MONITOR SYSTEM/3630, LIC PROG 5799-AXD, PRPQ MJ6871, DESIGN OBJECTIVES  
This flyer gives the design objectives of HSM/3630 which provides an application architecture for the customer to

allow selection of the level of support desired. This support ranges from total transaction routing, editing, logging, and host forwarding level, to a basic transaction routing where the customer provides the total transaction processing. In all cases, however, the customer can use HMS/3630 provided macros to communicate with terminals, disk files, and the host. This support is provided for the IBM 3630 Plant Communication System, which consists of a family of controllers and terminals. The controllers and terminals provide manual (primarily using magnetic stripe technology) and automatic data collection with interactive responses. These terminals are designed to operate in the most industrial environments, but can also be used in warehouses, hospitals, and other nonmanufacturing locations. HMS/3630 provides devices and control functions to aid the customer in implementing applications. The various functions included in HMS/3630 will minimize the need for application programmers to repetitively code standard functions such as transaction selection and dispatching, device control, and error recovery. This means that user-written coding is reduced and simplified, check-out time is reduced, and redundant coding can be significantly reduced. HMS/3630 provides an overall architecture, oriented to allowing the customer to easily expand his applications.

Flyer, 8 1/2 x 11 inches, 2 pages, 1/78  
 ///5799-AXD

GH20-4495

CUSTOMER INFORMATION FACILITIES/VIRTUAL STORAGE (CIF/VS),  
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
 Flyer, 2 pgs, 3/78  
 ///5746-XXS,5740-XYC,5740-XYB

GH20-4498

3614/3624 CONSUMER ONLINE TRANSACTION FACILITY SUPPORT, LIC PROG 5740-F51 (OS/VS), 5746-F57 (DOS/VS), DESIGN OBJECTIVES  
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
 Flyer, 4 pages, 3/78  
 ///5740-F51,5746-F57

GH20-4500

IBM 3277 APL GRAPHICS ATTACHMENT SUPPORT, PROG 5799-AXW, DESIGN OBJECTIVES  
 These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
 Flyer, 4 pages, 4/78  
 ///5799-AXW

GH20-4501

SYSTEM/370 ENERGY MANAGEMENT SYSTEM PROG PROD 5740-U11, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification sheet, 2 pages, 3/76  
 ///5740-U11

GH20-4503

PRINTTEXT/370 CLASSIFIED, PROG 5799-ALQ SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Program Product Specification Sheet, 4 pages, 5/76  
 ///5799-ALQ

GH20-4505

PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, SPECIFICATIONS (CURRENT RELEASE)  
 Describes the warranted specifications of the program.  
 Flyer, 2 pages, 7/76  
 ///5746-XX9,5740-XX8

GH20-4506

SYSTEM/370 PLANNING, CONTROL AND DECISION EVALUATION SYSTEM/ STANDARD, SPECIFICATIONS, PROG PRODS 5740-XX9 (PLANCODE/S OS/VS), 5746-XXA (PLANCODE/S DOS/VS)  
 Describes the warranted specifications of the program.  
 Flyer, 2 pages, 7/76  
 ///5746-XXA,5740-XX9

GH20-4508

STORAGE AND INFORMATION RETRIEVAL SYSTEM DISK OPERATING SYSTEM/VIRTUAL STORAGE STAIRS DOS/VS PROG 5746-XR4 SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification Sheet, 4 pages, 7/76  
 ///5746-XR4

GH20-4512

ADVANCED TEXT MANAGEMENT SYSTEM II RELEASE 1 MODIFICATION 0, PROG PROD 5746-XXG (ATMS-II/DOS/VS), 5740-XXV (ATMS-II/OS/VS), SPECIFICATION  
 Describes the warranted specifications of the program.  
 Flyer, 6 pages, 11/76  
 ///5740-XXV,5746-XXG

GH20-4514

SYSTEM/370 STAIRS/VS RELEASE 2.3, PROG PROD 5740-XR1, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification sheet, 4 pgs, 12/76  
 ///5740-XR1

GH20-4515

STAIRS/VS - THESAURUS AND LINGUISTIC SYSTEM (STAIRS/VS-TLS) RETRIEVAL, PROG 5799-AQK, PRPO P71044  
 Describes the warranted specifications of the program.  
 Specification sheet, 4 pgs, 12/76  
 ///5799-AQK

GH20-4517

IBM HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2 PROGRAM NUMBER 5748-H11, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification Sheet, 2 pages, 11/76  
 ///5748-H11

GH20-4518

TREND ANALYSIS/370 PROGRAM NUMBER 5740-F12 COLOR GRAPHICS SUPPORT FEATURE PROGRAM NUMBER 5707-F12, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification sheet, 4 pages, 11/76  
 ///5740-F12,5707-F12

GH20-4520

OPERATIONS PLANNING AND CONTROL - ENTRY (OPC-ENTRY) PROG PROD 5740-XT7, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification Sheet, 8 1/2 x 11 inches, 2 pgs, 3/77  
 ///5740-XT7

GH20-4522

FINANCIAL SERVICES TERMINALS SUPPORT FOR 3606/3608, PROG 5799-ARE (OS/VS1), PRPO P09005, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Specification sheet, 8 1/2 x 11 inches, 4 pgs, 3/77  
 ///5799-ARE

GH20-4527

CAPOSS-E REL 1.0, LIC PROG 5740-M41 (OS/VS), SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Flyer, 8-1/2 x 11 inches, 2 pgs, 4/77  
 ///5740-M41

GH20-4529

DOSCHECK, LIC PROG 5746-F12, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Flyer, 8-1/2 x 11 inches, 2 pgs, 4/77  
 ///5746-F12

GH20-4530

CAPOSS-E REL 1.0, LIC PROG 5746-M41 (DOS/VS), SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Flyer, 8-1/2 x 11 inches, 2 pgs, 4/77  
 ///5746-M41

GH20-4531

FINANCIAL SUPPORT TERMINAL SYSTEM FOR 3606/3608 PROG 5799-ARD, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Flyer, 4 pages, 5/77  
 ///5799-ARD

GH20-4534

CREDIT MANAGEMENT/VS, PROG PROD 5799-ARY, SPECIFICATIONS  
 Describes the warranted specifications of the program.  
 Flyer, 8 1/2 x 11 inches, 4 pgs, 5/77  
 ///5799-ARY

GH20-4535

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 SPECIFICATIONS (CURRENT RELEASE)  
 Describes the warranted specifications of the program.  
 Flyer, 8 1/2 x 11 inches, 4 pgs, 7/77  
 ///5748-XX6

GH20-4549

IBM S/370 INTERACTIVE PERSONNEL SYSTEM RELEASE 1.0 IMS AND CICS, LIC PROG 5740-AM4, SPECIFICATIONS  
 These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.  
 Flyer, 2 pages, 7/78  
 ///5740-AM4

GH20-4550

IBM S/370 INTERACTIVE PERSONNEL SYSTEM RELEASE 1.0 - CICS, LIC PROG 5746-AM1 SPECIFICATIONS  
 These specifications define the contents of the subject

licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.  
Flyer, 2 pages, 7/78  
///5746-AM1

GH20-4553

HIERARCHICAL MONITOR SYSTEM, LIC PROG 5799-AXD SPECIFICATIONS  
These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.  
Flyer, 2 pages, 9/78  
///5799-AXD

GH20-4554

TPNS, LIC PROG 5740-XT4, SPECIFICATIONS  
These specifications define the contents of the subject licensed program. The audience for this publication is primarily licensees and prospects, and secondarily, IBM personnel.  
Flyer, 4 pages, 9/78  
///5740-XT4

GH20-4559

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VS), 5746-F57 (DOS/VS), SPECIFICATIONS  
The program product described in this document provides a comprehensive level of support for the IBM 3614/3624 Consumer Transaction Facility. This document describes the two major components of the program product - the System/370 host programs, written in Assembler language, and the 3600 Finance Communication Controller application program, written in the Finance Communication Language.  
Flyer, 4 pages, 3/79  
///5740-F51,5746-F57

GH20-4560

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MSPX/370) MIXED INTEGER PROGRAM/370 (MIP/370), LIC PROG 5740-XM3, 5746-XM2, SPECIFICATIONS  
MSPX/370 and its optional feature MIP/370 are products based on their predecessors, MPSX (5734-XM4) and its MIP feature. MPSX/370 and MIP/370 provide new and enhanced capabilities and improved performance when compared to MPSX and MIP. The scope of operational models that can be optimized by MPSX/370 and MIP/370 has been enlarged.  
Flyer, 8 1/2 x 11 inches, 4 pages, 12/79  
///5740-XM3,5746-XM2

GH20-4562

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, SPECIFICATIONS  
Customer Information Facility/VS is a new set of application programs for the management and control of customer-related data in a financial institution. This system improves the efficiency of the institution by providing a central data base that contains customer descriptive data, thus eliminating the requirement of repeating this data in multiple account files or data bases. This document describes the capabilities of this system and provides the security responsibilities for the application.  
Flyer  
///5746-XXS

GH20-4563

3277 GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXX, PRPQ #P09013, SPECIFICATIONS  
The IBM 3277 Graphic Attachment Support PRPQ is a comprehensive collection of FORTRAN and System/370 Assembler routines that provide the user with three levels of graphics support. This document describes these three levels and provides the highlights of the PRPQ.  
Flyer, 1 page  
///5799-AXX

GH20-4565

INTERACTIVE GEO-FACILITIES GRAPHIC SUPPORT - PROGRAMMING RPQ P09016, LIC PROG 5799-AYB  
The Interactive Geo-Facilities Graphic Support (IGGS) Programming RPQ is a set of high level interactive programs which provide a fast and efficient means of creating and maintaining graphic documents such as maps, with a minimum of user programming. This document describes the processes IGGS provides to meet its specifications.  
Licensed Program Specification, 2 pages, 5/79  
///5799-AYB

GH20-4566

ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2  
Advanced Data Communication for Stores, program product 5735-XR2, is a host application that provides support for batch communications between the host and individual store controllers in IBM 3650 Programmable Store Systems, IBM 3650 Retail Store Systems, and IBM 3660 Scanning and Key Entry Supermarket Systems. This document describes the primary functions of the program product and provides the machine

and programming requirements.  
Flyer, 6/79  
///5735-XR2

GH20-4571

IBM 3650 PROGRAMMABLE STORE SUPPORT POINT OF SALES APPLICATION/REPORT CUSTOMIZER, LIC PROG 5748-D15, DESIGN OBJECTIVES  
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects, and secondarily, IBM personnel.  
Flyer, 4 pages, 9/78  
///5748-D15

GH20-4572

IBM 3650 PROGRAMMABLE STORE SYSTEM SUBSCRIPTION PROGRAM SUPPORT/II (SPPSII) DOS/VS, LIC PROG 5735-D16, DESIGN OBJECTIVES  
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects, and secondarily, IBM personnel.  
Flyer, 2 pages, 9/78  
///5735-D16

GH20-4574

IBM 3650 PROGRAMMABLE STORE POS APPLICATION/RETAIL ENVIRONMENT PROGRAM, LIC PROG 5748-D14, DESIGN OBJECTIVES  
These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 2 pages, 12/78  
///5748-D14

GH20-4576

CONSUMER TERMINAL ACCESS METHOD, LIC PROG 5799-AZN, DESIGN OBJECTIVES  
These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 2 pages, 12/78  
///5799-AZN

GH20-4577

NETWORK EXTENSION FACILITY RPQ P09021 DESIGN OBJECTIVES LIC PROG 5799-AZP  
These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 4 pages, 12/78  
///5799-AZP

GH20-4579

ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, DESIGN OBJECTIVES  
These design objectives define the contents of the subject Licensed Program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 4 pages, 12/78  
///5735-XR2

GH20-4586

TELEPROCESSING NETWORK SIMULATOR DESIGN OBJECTIVES, 5740-XT4  
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 4 pages, 6/78  
///5740-XT4

GH20-4592

ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK REPORTS DESIGN OBJECTIVES  
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 4 pages, 6/78  
///5748-F13

GH20-4597

IBM 3650 PROGRAMMABLE STORE SYSTEM POINT-OF-SALE APPLICATION/STORE MANAGEMENT PROGRAM, LIC PROG 5748-D22, DESIGN OBJECTIVES  
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects and secondarily IBM personnel.  
Flyer, 2 pages, 8/78  
///5748-D22

GH20-4599

3650 PROGRAMMABLE STORE SAVINGS POINT OF SALES APPLICATION/SUPERMARKET ENVIRONMENT, LIC PROG 5748-D21, DESIGN OBJECTIVES  
These design objectives define the contents of the subject licensed program. The audience for this publication is primarily prospects, and secondarily, IBM personnel.  
Flyer, 4 pages, 9/78  
///5748-D21

Gh20-4602  
SYSTEM/360 SHOP FLOOR CONTROL - PROG PROD 5736-M31,  
FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 2 pages  
 ///5736-M31

Gh20-4603  
SYSTEM/360 REQUIREMENTS PLANNING INTERFACE - PROG PROD 5736-M13, FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 1 page  
 ///5736-M13

Gh20-4604  
OS/360 REQUIREMENTS PLANNING SPECIAL FEATURE 6015 - PROG PROD 5734-M51, FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 1 page  
 ///5734-M51

Gh20-4606  
OS/360 INVENTORY CONTROL, PROG PROD 5734-M52,  
FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Functional Description, 2 pages  
 ///5734-M52

Gh20-4617  
STAIRS/VS - THESAURUS AND LINGUISTIC INTEGRATED SYSTEM (STAIRS/VS - TLS) GENERATOR, PROG 5799-AQL, FUNCTIONAL DESCRIPTION  
 This document describes functions of the STAIRS/VS-TLS Thesaurus Generator PRPQ, a set of batch programs which create and update a thesaurus. The user defines the words and the semantic properties and relationships which will be in the thesaurus; then the programs use this definition to build, delete, replace, and check word relationships. This thesaurus exists independently of the STAIRS/VS dictionary; an association exists only insofar as the thesaurus words occur in the STAIRS/VS documents and, thus, in the STAIRS/VS dictionary.  
 The STAIRS/VS-TLS PRPQs extend the online retrieval function of STAIRS/VS by providing for automatic generation of inflected forms of query words, thesaurus data base generation, online retrieval of thesaurus for query formulation, and additional user functions.  
 Functional Description, 8 1/2 x 11 inches, 2 pgs, 11/76  
 ///5799-AQL

Gh20-4618  
OS/360 REQUIREMENTS PLANNING PROG PROD 5734-M51,  
FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 2 pgs, 12/76  
 ///5734-M51

Gh20-4619  
EPIC - STUDENT RECORD, PROG PROD 5735-E94,  
FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 4 pgs, 12/76  
 ///5735-E94

Gh20-4620  
DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR  
PROG PROD 5736-XX4, FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 2 pgs, 12/76  
 ///5736-XX4

Gh20-4621  
DBOMP - CICS/DAS/ FEATURE OF DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR, PROG PROD 5736-XX4,  
FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 2 pgs, 12/76  
 ///5736-XX4

GH20-4622  
EPIC: FAST TEST SCORING SYSTEM PROGRAM NUMBER 5735-E92,  
FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Program product functional description, 4 pgs, 2/77  
 ///5735-E92

GH20-4624  
GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS), LIC PROG 5734-XS2, FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 8 1/2 x 11 inches, 2 pages, 4/77  
 ///5734-XS2

GH20-4625  
GENERAL PURPOSE SIMULATION SYSTEM V-DOS/VS (GPSS V-DOS/VS), LIC PROG 5736-XS3, FUNCTIONAL DESCRIPTION  
 This document provides a functional description of GPSS V-DOS/VS, a tool for modeling and examining the behavior of systems in the engineering and management science areas. Many applications of a complex logical and procedure oriented nature which ordinarily defy mathematical description can be described and studied using GPSS V-DOS/VS. Varying environments may be introduced to enable the user to explore alternatives and identify capacity limitations. Both environment and activities may have random variations. Proposed changes to existing policies, methods, and operations can be subjected to critical performance criteria and evaluated. The user may also investigate and judge the value of new proposals without costly capital investments and without disturbing existing operation.  
 GPSS V-DOS/VS provides many significant advantages over GPSS/360 Version 1 (Type II program) and GPSS/360 Version 2 (IBM Program Product).  
 Flyer, 8 1/2 x 11 inches, 2 pages, 5/77  
 ///5736-XS3

GH20-4630  
MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX),  
PROG PROD 5734-XM4, FUNCTIONAL DESCRIPTION  
 This Program Product Functional Description (PPFD) describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C.  
 Flyer, 8 1/2 x 11 inches, 4 pgs, 11/77  
 ///5734-XM4

GH20-4631  
PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VS), LIC PROG 5740-XT3 (OS/VS), 5746-XT1 (DOS/VS), FUNCTIONAL DESCRIPTION  
 This document describes the functional capabilities of the subject Program Products. The programs are designed to help users produce and evaluate a variety of financial plans. They offer a simple method for organizing planning data, for applying computational logic to the data, and for generating data displays and reports.  
 Flyer  
 ///5740-XT3, 5746-XT1

GH20-4632  
PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VS) UNDER OS/VS2 TSO & VM/370, LIC PROG 5740-XT5 (TSO), 5748-XT2 (CMS), FUNCTIONAL DESCRIPTION  
 This document describes the functional capabilities of the subject Program Products. The programs give the user the means to rapidly produce and evaluate a variety of financial plans. They offer a simple method for organizing planning data, for applying computational logic to the data, and for generating data displays and reports.  
 Flyer  
 ///5740-XT5, 5748-XT2

GH20-4635  
OPERATING PLANNING & CONTROL LIC PROG 5740-XT9  
DESIGN OBJECTIVES  
 Operations Planning and Control (OPC) is an Installation Management program product aimed at improving the effectiveness and productivity of data processing operations departments that include recurring batch applications in their workload. This document describes the three major functional enhancement over Release 1.0 and provides the machine and programming requirements of the program.  
 FLYER, 8 1/2 x 11, 2 pages, 7/79  
 ///5740-XT9

GH20-4637  
3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT, LIC PROG 5748-D21, SPECIFICATIONS  
 The IBM 3650 Programmable Store System POS Application/Supermarket Environment program product provides the basic controller and supermarket terminal application programs necessary to perform the checkout and accounting functions for the supermarket terminal application programs necessary to perform the checkout and accounting functions for the supermarket store environment. This document

describes many extended functions that are available with program alterations, and provides the machine and programming requirements.  
Flyer, 4 pages, 6/79  
////5748-D21

GH20-4638

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER, LIC PROG 5748-D15, SPECIFICATIONS  
The IBM 3650 Programmable Store System POS Application/Report Customizer program product provides the user with the capability to prepare customized reports from data accumulated at the IBM Store Controller. This document describes how to customize the reports and provides the machine and programming requirements.  
Flyer, 2 pages, 7/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GH20-4639

PAYMENT SYSTEM SUPPORT/CHECK REPORT, LIC PROG 5748-F13, SPECIFICATIONS  
Check Reports (Version 1, modification Level 0) is a new tool for timely management decision making in a bank's check processing operation.  
The program generates a wide range of statistics at a user-controlled frequency. This document describes the program's functions and provides the machine and programming requirements.  
Flyer, 2 pages, 6/79  
////5748-F13

GH20-4640

CUSTOMER INFORMATION FACILITY/VIS (CIF/VIS), LIC PROG 5740-XYC  
Customer Information Facility/VIS is a new set of application programs for the management and control of customer related data in a financial institution. This system improves the efficiency of a financial institution by providing a central data base that contains customer descriptive data. This document describes the facilities of the program product and provides the machine and programming requirements.  
Flyer, 1 page, 6/79  
////5740-XYC

GH20-4643

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG 5748-D22, SPECIFICATIONS  
The IBM 3650 Programmable Store System POS Application/Store Data Management program is a store controller program product that aids in the building and maintenance of user files in the store controllers. This document describes its capabilities, machine requirements, and programming requirements.  
Flyer, 2 pages, 6/79  
////5748-D22

GH20-5001

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM, LIC PROG 5746-H14, FUNCTIONAL DESCRIPTION  
The health Care Support/Accounting Base Program provides the basic facilities of the input edit tables, error routines, utility subprograms, the hospital profile, and report format control adaptability features to the Health Care Support/Accounting Application Program. This document describes the system facilities provided, the programming systems, and the system requirements.  
Flyer, 4 pages, 12/79  
////5746-H14

GH20-5002

HEALTH CARE SUPPORT/COORDINATION OF BENEFITS, LIC PROG 5799-AKK PRPO EEE063 FUNCTIONAL DESCRIPTION  
The health Care Support/Coordination of Benefits enhancement to the Health Care Support/Accounting System provides modifications to the billing, insurance proration, and bill-printing functions of the original system. This document describes the enhancements and provides a system description.  
Flyer, 3 pages, 12/79  
////5799-AKK

GH20-5003

FERST/VS DOS/VS MESSAGE SWITCHING, LIC PROG 5795-AAG, FUNCTIONAL DESCRIPTION  
This document describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. The FERST/VS Message Switching program product is a set of application programs which run under the control of CICS/DOS/VS (5746-XX3).  
Flyer, 8 1/2 x 11 inches, 2 pages, 4/80  
////5795-AAG

GH20-5004

ALPHA SEARCH INQUIRY SYSTEM, LIC PROG 5736-N14, FUNCTIONAL DESCRIPTION  
This document describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Alpha Search Inquiry System is a terminal-oriented system for the retrieval of name records

through phonetic techniques.  
Flyer, 8 1/2 x 11 inches, 3 pages, 4/80  
////5736-N14

GH20-5005

LIFE INQUIRY/DATA ENTRY, LIC PROG 5746-N11, FUNCTIONAL DESCRIPTION  
This document describes the functional capabilities of the subject Program Product, which has a Programming Service Classification of C. Life Inquiry/Data Entry is a terminal oriented system that creates and maintains a direct access copy of the sequential CFO policy master file; provides online policy value calculations and display of policy information via 3270 terminals; provides online data entry, editing, and storing of CFO transactions for subsequent input to the CFO daily cycle.  
Flyer, 8 1/2 x 11 inches, 2 pages, 4/80  
////5746-N11

GH20-5009

DISPLAY MANAGEMENT SYSTEM/3790, LIC PROG 5748-XC2 FUNCTIONAL DESCRIPTION  
Display Management System/3790 (DMS/3790) simplifies the design, implementation, and customer program support of distributed application systems using the 3790 Communications System. DMS/3790 makes it possible to implement a broad range of distributed applications with less 3790 macro programming required of the user. This document provides a detailed description of the facilities and features of the program and provides the machine and programming requirements.  
Flyer, 8 1/2 x 11 inches, 4 pages, 3/82  
////5748-XC2

GH20-5010

FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-OS/VS1) MESSAGE SWITCHING, LIC PROG 5795-AAF, FUNCTIONAL DESCRIPTION  
The FERST/VS Message Switching program product is a set of application programs that runs under the control of CICS/OS/VS (5740-XX1). FERST/VS Message Switching is a comprehensive, easy-to-use message switching system that adapts easily to changes in network sizes and structure and provides a base for the program products FERST/VS Equipment Control, FERST/VS Freight Billing, and FERST Rating/Rate Audit. This document describes the capabilities of the program product and provides the system configuration and the programming systems required.  
Flyer, 2 pages, 6/82  
////5795-AAF

GH20-5012

FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-DOS/VS) FREIGHT BILLING, LIC PROG 5795-AAL, FUNCTIONAL DESCRIPTION  
The FERST/VS Freight Billing program product is a set of application programs that run under the control of CICS/OS/VS or CICS/DOS/VS. FERST/VS Freight Billing provides online freight bill entry and delivery and manifesting capabilities for motor freight companies. Prerequisite programs are FERST/VS Message Switching and FERST/VS Equipment Control. Together these programs provide excellent facilities for motor carrier management to use in reducing operating costs and improving customer service. This document describes the capabilities of the program product and provides the system and programming requirements.  
Flyer, 4 pages, 6/82  
////5795-AAL

GH20-5013

FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-OS/VS1) FREIGHT BILLING, LIC PROG 5795-AAK, FUNCTIONAL DESCRIPTION  
The FERST/VS Freight Billing program product is a set of application programs that run under the control of CICS/OS/VS or CICS/DOS/VS. FERST/VS Freight Billing provides online freight bill entry and delivery and manifesting capabilities for motor freight companies. Prerequisite programs are FERST/VS Message Switching and FERST/VS Equipment Control. Together these programs provide excellent facilities for motor carrier management to use in reducing operating costs and improving customer service. This document describes the capabilities of the program, such as freight bill entry, manifesting, freight bill delivery, and management control; it also provides the system and programming requirements.  
Flyer, 4 pages, 6/82  
////5795-AAK

GH20-5014

FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-DOS/VS) EQUIPMENT CONTROL, LIC PROG 5795-AAJ, FUNCTIONAL DESCRIPTION  
The FERST/VS Equipment Control program product is a set of application programs that run under the control of CICS/OS/VS. FERST/VS Equipment Control provides the management of a motor freight company a comprehensive equipment control facility to monitor and control the location and status of all equipment and shipments. FERST/VS Equipment Control requires FERST/VS Message



Switching as a prerequisite and together they form the base for FERST/VS Freight Billing. This document describes the capabilities of the program product, such as equipment movements, inquiries and tracing, and shipment control; it also provides the system and programming requirements. Flyer, 4 pages, 6/82  
 ///5795-AAJ

Gh20-5015

FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS-OS/VSI) EQUIPMENT CONTROL, LIC PROG 5795-AAH, FUNCTIONAL DESCRIPTION  
 FERST/VS Equipment Control provides the management of a motor freight company a comprehensive facility to monitor and control the location and status of equipment and shipments. FERST/VS Message Switching is a prerequisite and together they form the base for FERST/VS Freight Billing. These three program products form the base for FERST/VS Rating/Rate Audit. This document describes the capabilities of the program product such as equipment movements, inquiries and tracing, and shipment control; it also provides the system configuration and the programming systems required. Flyer, 2 pages, 6/82  
 ///5795-AAH

Gh20-5051

DIRECT S.W.I.F.T. LINK, LIC PROG 5746-F14 (CICS/DOS/VS), 5740-F15 (CICS/OS/VS), 5740-F16 (IMS/VS), DESIGN OBJECTIVES  
 The IBM Direct S.W.I.F.T. (Society for Worldwide Interbank Financial Telecommunication s.c.) Link is designed to assist the user of CICS/VS or IMS/VS, respectively, to directly link to the network of S.W.I.F.T. This document describes the three major areas (functions and services) of the program and describes modifications that the user can make. Flyer, 3 pages, 7/79  
 ///5740-F15,5746-F14,5740-F16

GH20-5052

3600 ADMINISTRATIVE APPLICATION SUPPORT (ADMIN/3600), LIC PROG 5748-F55, DESIGN OBJECTIVES  
 This is a Finance Communication System (FCS) application program that executes in a 3601 or 3602 and provides field-oriented operation on a 3604 Model 7 or 1 3278-2 Display Station attached via the Device Cluster Adapter. This document describes the functions provided by the program, the options available to 'tailor' the program, and what can be accomplished with user-written routines. Flyer, 4 pages, 8/79  
 ///5748-F55

GH20-5054

APPLICATION FOR THE INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1, DESIGN OBJECTIVES  
 The Government Reporting and Benefits Tracking Applications for the Interactive Personnel System are a group of applications designed for private industry, especially for large and federal contract employers in the areas of EEO processing, OSHA processing, HMO tracking, and benefits tracking. This document describes the three data bases maintained by the Interactive Personnel System and the functions offered by the applications that expand personnel administrative capabilities. Flyer, 3 pages, 10/79  
 ///5740-AM4,5746-AM1

GH20-5055

3650 PROGRAMMABLE STORE SYSTEM POINT OF SALES APPLICATION/RETAIL ENVIRONMENT, LIC PROG 5748-D14, DESIGN OBJECTIVES  
 The IBM 3650 Programmable Store System POS application/Retail Environment program product provides the basic controller and POS terminal application programs necessary to perform the sales and non-sales function for the retail store environment. This documents describes the functions and facilities of the program and provides the system configuration and program requirements. Flyer, 3 pages, 12/79  
 ///5748-D14

GH20-5065

DEVELOPMENT MANAGEMENT SYSTEM/DISTRIBUTED PROCESSING CONTROL EXECUTIVE, LIC PROG 5748-XC4, DESIGN OBJECTIVES  
 DMS/DPCX is a program product that offers productivity gains in the development of applications for the IBM 8100/DPCX Information System and the IBM 3790 (configuration support 9169 only) Communication system with the 3790 RPQ 8R0912 installed. This document describes the systems configuration required and the programming requirements for OS/VS, DOS/VSE, and VM/370. It also describes the compatibility with DMS/DPPX and with DMS/3790. Flyer, 3 pages, 10/79  
 ///5748-XC4

GH20-5275

3277 APL GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXN, SPECIFICATIONS  
 The IBM 3277 APL Graphics Attachment Support package is a set of APL functions that provide interactive graphics support for the IBM 3277 Graphics Attachment (RPQ 7H0284).

This package contains a variety of APL functions designed to provide capabilities ranging from fundamental graphics support through high-level graphics applications. This document describes the major components of the program and provides the machine and programming requirements. Flyer, 2 pages, 8/79  
 ///5799-AXW

GH20-5276

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/RETAIL ENVIRONMENT, LIC PROG 5748-D14, SPECIFICATIONS  
 The IBM 3650 Programmable Store System POS Application/Retail Environment program product provides the basic controller and POS terminal application programs necessary to perform the sales and non-sales functions for the retail store environment similar to those provided in the IBM 3650 Retail Store System, Release 3.2. This document describes the functions and facilities of the program and provides the system configuration and programming requirements. Flyer, 2 pages, 7/79  
 ///5748-D14

GH20-5282

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE USING IMS/VS, LIC PROG 5740-XYB, SPECIFICATIONS  
 CIF/VS Release 1 Modification Level 0 is a new set of application programs for the management and control of customer-related data in a financial institution. This document describes the program capabilities and provides the machine and programming requirements. Flyer, 1 page, 8/79  
 ///5740-XYB

GH20-5284

SYSTEM/370 AUTOMATIC POSITIONING TECHNIQUE, LIC PROG 5740-M51, -M52, -M53, SPECIFICATIONS  
 APT-IC supports point-to-point and two-dimensional contour machining. APT-AC contains all of the functions found in APT-IC and extends the machining capability to three-dimensional surface operations. This document describes the processor architecture features, the general functions of the N/C program products, and the general functions that are being introduced in APT-AC. This document also provides the minimum system configuration required. Flyer, 4 pages, 9/79  
 ///5740-M52,5740-M53

GH20-5285

ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING LIC PROG 5740-F13, SPECIFICATIONS  
 This program product is designed to assist commercial banks in their use of the IBM 3895 Document Reader/Inscriber in performing proof-of-deposit processing in an OS/VS environment. This document describes the capabilities of Deposit Processing-OS/VS with the 3895 and provides the minimum configuration required as well as the programming requirements. Flyer, 2 pages, 10/79  
 ///5740-F13

GH20-5286

ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING CONTROL SYSTEM, LIC PROG 5734-F11, SPECIFICATIONS  
 The Electronic Payment Systems Support/Check Processing control System - Deposit Processing Feature provides the application support necessary to incorporate the IBM 3895 Document Reader/Inscriber into a fully integrated check processing system. The 3895 is an online, high-speed device that optically reads the hand-written or machine-printed amount on a check or deposit slip and inscribes that amount in magnetic ink on the ABA code line. This document describes the facilities available to the CPCS/3890 user, describes the capabilities of the Deposit Processing Feature of CPCS when used with the 3895, and provides the minimum configuration required and the programming requirements. Flyer, 2 pages, 10/79  
 ///5734-F11

GH20-5287

MULTIPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 SPECIFICATIONS  
 TPNS is a telecommunications testing package that enables a user to test and evaluate application programs and communication control programs before actual terminal installation. This document details how TPNS drives the online application program. Specifications, 4 pages, 11/79  
 ///5740-XT4

GH20-5289

NETWORK EXTENSION FACILITY, LIC PROG 5799-AZP PRPQ P09021 SPECIFICATIONS  
 The Network Extension Facility is an extension to the ACF/Network Control Program/Virtual Storage (ACF/NCP/VS) Release 2. As an integral NCP component, the facility polls ALC terminal interchanges, translates 6-bit ALC data to EBCDIC on inbound traffic (from the ALC terminal to the 3705) and EBCDIC to 6-bit ALC on outbound traffic, edits and deblocks ALC messages, and directs ALC transactions to

multiple ACP hosts.

This document lists the SNA commands that are supported by the network Extension Facility and provides the specified operating environment.  
Flyer, 1 pages, 12/79  
///5799-AZP

GH20-5290

DISTRIBUTED SYSTEMS EXECUTIVE, LIC PROG 5748-XXG SPECIFICATIONS

Intended for 8100 Information System and 3790 network users, Distributed Systems Executive (DSX) is a set of programs and files that gives a simple, comprehensive, and effective means of data and network management. DSX combines, in one product, the host libraries, holding files, and control files, and the transmission, formatting, and reporting functions needed for library and transmission control in 8100 and 3790 networks. This document describes the two major parts of DSX, central library support and transmission control.  
Flyer, 2 pages, 12/79  
///5748-XXG

GH20-5294

3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, SPECIFICATIONS

The IBM 3680 Programmable Store System/Store Administration Application program product provides standard and extended sales transaction functions for a variety of store environments. Functions may be added, deleted, or changed to adapt the standard functions to the user's unique requirements. This document lists the standard sales functions, the extended sales functions, and provides the machine and programming requirements.  
Flyer, 2 pages, 2/80  
///5735-D62

GH20-5295

3680 PROGRAMMABLE STORE SYSTEM/SALES APPLICATION LIC PROG 5735-D61, SPECIFICATIONS

The IBM 3680 Programmable Store System/Sales Application program product provides standard and extended sales transaction functions for a variety of store environments. Functions may be added, deleted, or changed to adapt the standard functions to the user's unique requirements. This document lists the standard sales functions, the extended sales functions, and provides the machine and programming requirements.  
Flyer, 4 pages, 2/80  
///5735-D61

GH20-5297

ADVANCED TEXT MANAGEMENT SYSTEM III (ATMS III) LIC PROG 5740-XYL (OS/VVS), 5746-XXU (DOS/VVS), SPECIFICATIONS

ATMS-III is a conversational text processing system designed to enable a terminal user to enter, edit, store, format, proofread, and display textual material in an efficient manner. This document provides the highlights of the ATMS-III capabilities and describes the document formatting capabilities and the additional functions provided by the SCRIPT/VVS Formatter. It lists the SCRIPT/VVS functions for which support is available and the capabilities provided when ATMS-III communicates with components of the IBM Office System 6. The document also lists the asynchronous functions supported by ATMS-III and provides the data security controls required and the programming and machine requirements.  
Manual, 5 pages, 3/80  
///5740-XYL, 5746-XXU

GH20-5299

3600 ADMINISTRATIVE APPLICATION SUPPORT LIC PROG 5748-F55 SPECIFICATIONS

The IBM 3600 Administrative Application Support program product is a Finance Communication System application program that executes in a 3601 or 6302 and provides field-oriented operation on a 3604 Model 7 or a 3278-2 Display Station attached via the Device Cluster Adapter (DCA 3278). This document describes the functions provided by the program and the options that can be specified to tailor the program product at assembly time. This document also describes data security and provides the machine and programming requirements.  
Flyer, 8 1/2 x 11 inches, 3 pages, 6/80  
///5748-F55

GH20-5300

IBM DIRECT S.W.I.F.T. LINK CICS/OS/VVS, IMS/VVS LIC PROG 5740-F15, 5740-F16, 5746-F14, SPECIFICATIONS

The IBM Direct S.W.I.F.T. Link program products are designed to assist the user of CICS/VVS or IMS/VVS to communicate directly with the S.W.I.F.T. (Society for Worldwide Interbank Financial Telecommunications s.c.) network. This document describes the three major functional areas of each program, the processing modes at the terminal, and the user modifications that can be made. It also provides the machine and programming requirements.  
Flyer, 8 1/2 x 11 inches, 3 pages, 6/80  
///5740-F15, 5740-F16, 5746-F14

GH20-5302

INTERACTIVE PERSONNEL SYSTEM GOVERNMENT REPORTING AND BENEFITS TRACKING APPLICATIONS FEATURE, LIC PROG 5740-AM4, 5746-AM1, SPECIFICATIONS

The Government Reporting and Benefits Tracking Applications feature for the Interactive Personnel System consists of a group of applications designed to assist private industry in the areas of Equal Employment Opportunity processing, Occupational Safety and Health Act processing, Health Maintenance Organization tracking, and Benefits tracking. This document describes the three data bases maintained, the functions offered by the applications, and the areas in which batch processing is provided. This document also describes security authorization levels that can be established using available capabilities.  
Flyer, 8 1/2 x 11 inches, 2 pages, 7/80  
///5740-AM4, 5746-AM1

GH20-5303

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51, 5746-F57, SPECIFICATIONS

This program product provides a comprehensive level of support for the IBM 3614/3624 Consumer Transaction Facility. This program product consists of two major components: Host programs that are written in Assembler Language and a 3600 Finance Communication Controller application program written in Finance Communication language. This document describes these components and the functions of the 3600 application program. It also lists what the financial institution can implement with Release 2. Transactions supported, 3600 file support, and security features are also described.  
Flyer  
///5740-F51, 5746-F57

GH20-5308

S/370 INTERACTIVE FINANCIAL SYSTEM 1, LIC PROG 5746-F52, SPECIFICATIONS

The Interactive Financial System is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4. This document describes the highlights of the system and provides the programming and system requirements.  
Flyer, 8 1/2 x 11 inches, 4 pages, 10/80  
///5746-F52

GH20-5309

S/370 INTERACTIVE FINANCIAL SYSTEM 2, LIC PROG 5746-F53, SPECIFICATIONS

The Interactive Financial System is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4. This document describes the highlights of the system and provides the programming and system requirements.  
Flyer, 8 1/2 x 11 inches, 2 pages, 10/80  
///5746-F53

GH20-5310

S/370 INTERACTIVE FINANCIAL SYSTEM 3, LIC PROG 5746-F54, SPECIFICATIONS

The Interactive Financial System is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4. This document describes the highlights of the system and provides the programming and system requirements.  
Flyer, 8 1/2 x 11 inches, 2 pages, 10/80  
///5746-F54

GH20-5311

S/370 INTERACTIVE FINANCIAL SYSTEM, LIC PROG 5746-F55, SPECIFICATIONS

The Interactive Financial System is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4. This document describes the highlights of the system and provides the programming and system requirements.  
Flyer, 8 1/2 x 11 inches, 2 pages, 10/80  
///5746-F55

GH20-5312

DEVELOPMENT MANAGEMENT SYSTEM/DPCX (DMS/DPCX), LIC PROG 5748-XC4, SPECIFICATIONS

DMS/DPCX is a program product that offers productivity gains in the development of applications for the IBM 8100/DPCX Information System. On a host System/370 or IBM 4300 Processor, DMS/DPCX assists the user in complete application definition, generation, and subsequent maintenance. This document provides the systems configuration required by DMS/DPCX and the programs required for various host operating systems.  
Flyer, 2 pages, 11/80  
///5748-XC4

GH20-5314

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-012, -011, SPECIFICATIONS (CURRENT RELEASE)

The Interactive Instructional Presentation System (5668-012) and the Interactive Instructional Authoring System (5668-011) are companion program products that provide a realtime training and instructional capability for course creation and presentation. This document describes in detail the functions of both systems and provides the programming and machine requirements. It also describes input/output devices, terminals supported, performance considerations, and capability.  
Flyer, 8 1/2 x 11 inches, 4 pages, 11/80  
////5668-011,5668-012

GH20-5319

SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, SPECIFICATIONS  
Specifications provide information on the warranted functions of the licensed program.  
Service Level Reporter (SLR) is an IBM program product that is designed to provide DP management with information to help manage the DP installation.  
Flyer, 8 1/2 x 11 inches, 3 pages, 6/81  
////5740-DC3

GH20-5320

CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53 SPECIFICATIONS  
Check Processing Executive/3694 provides a wide range of functions for the IBM 3694 Document Processing System. Under control of CHX/3694, the 3694 can be used by personnel without data processing expertise to perform the functions of conventional proof machines as well as those associated with high-speed MICR reader/sorters. This document describes the CHX/3694 functions and the cluster control functions, and provides the machine and programming requirements.  
Flyer, 3 pages, 5/81  
////5748-F53

GH20-5321

CHECK PROCESSING EXECUTIVE/VS, LIC PROG 5748-F54 SPECIFICATIONS  
Check Processing Executive/Virtual Storage provides data collection functions for data originating in the IBM 3694 Document Processor and interfaces to related user-written applications operating in the host CPU, e.g., demand deposit posting and statement printing. This document describes the data collection functions and provides the machine and programming requirements.  
Flyer, 2 pages, 5/81  
////5748-F54

GH20-5322

GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, SPECIFICATIONS  
Geo-facilities Data Base Support is a major programming component of the architecture of the Distribution Facilities Information System for the public utilities industry. This document describes the major functional support provided by Geo-facilities Data Base Support and provides the machine and programming requirements.  
Flyer, 2 pages  
////5799-BEB

GH20-5323

TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, SPECIFICATIONS  
Teleprocessing Network Simulator is a telecommunications testing package that enables the user to test and evaluate application programs and communication control programs before actual terminal installation.  
This document describes how TPNS drives the online application program and provides the hardware and software requirements. It also describes the user's responsibilities.  
Flyer, 4 pages, 6/81  
////5662-262

GH20-5324

DOCUMENT INTERCHANGE FACILITY/CENTRAL, LIC PROG 5668-003, NOTICE  
The Document Interchange Facility is composed of two complementary IBM program products, the Document Interchange Facility/Central and the Document Interchange Facility/Distributed. This document provides a general description of the document-oriented functions for operators using an IBM 3732 Text Display Station attached to an IBM 8100 with DOSF/8100 installed or the 3730 Distributed Office Communication System, and a more specific description of Document Interchange Facility/Central and its capabilities.  
Flyer, 3 pages, 7/81  
////5668-003

GH20-5325

DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-004 NOTICE  
The Document Interchange Facility is composed of two complementary IBM program products, the Document Interchange Facility/Central and the Document Interchange Facility/Distributed. This document provides a general description of the document-oriented functions for operators using an IBM 3732 Text Display Station attached to an IBM

8100 with DOSF/8100 installed or the 3730 Distributed Office Communication System, and a more specific description of Document Interchange Facility/Distributed and its capabilities.  
Flyer, 2 pages, 7/81  
////5668-004

GH20-5326

TREND ANALYSIS, LIC PROG 5740-XYT, SPECIFICATIONS  
Trend Analysis is a business graphics and data base system that provides a computer-based linkage between an organization's operating and planning information files and the data presentation needs of the decision makers. This document describes the decision-supporting facilities of Trend Analysis, lists the levels of security provided by the program product, and provides the components for the IBM 3270 Information Display System and for the IBM 8100 Information System.  
Flyer, 3 pages, 8/81  
////5740-XYT

GH20-5327

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, SPECIFICATIONS  
The IBM Professional Office System is designed to assist principals, secretaries, and support personnel in creating, communicating, and accessing job-related text information. This document describes capabilities of PROFS such as document entry and editing; document distribution and receipt; file, search, and retrieval; and formatting and printing. It also describes "service" functions that enable end users to perform other administrative tasks using computerized aids. This document also provides the machine and programming requirements.  
Flyer, 3 pages, 12/81  
////5799-BEX

GH20-5328

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER, LIC PROG 5748-D15, SPECIFICATIONS  
The IBM 3650 Programmable Store System POS Application/Report Customizer Environment program product provides the user with the capability to prepare customized reports from data accumulated at the IBM Store controller. This document describes how the reports may be customized, tells what reports can be produced, and provides the machine and programming requirements.  
Flyer  
////5748-D15

GH20-5329

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG 5748-D22, SPECIFICATIONS  
The IBM 3650 Programmable Store System POS Application/Store Data Management program product is a store controller program product that aids in the building and maintenance of user files in the store controllers. This document describes the capabilities of the program and provides the machine and programming requirements.  
Flyer  
////5748-D22

GH20-5330

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT, LIC PROG 5746-D21, SPECIFICATIONS  
The IBM 3650 Programmable Store System POS Application/Supermarket Environment program product provides the basic controller and supermarket terminal application programs necessary to perform the checkout and accounting functions for the supermarket store environment. This document describes the capabilities of the program and provides the machine and programming requirements.  
Flyer  
////5748-D21

GH20-5331

INTERACTIVE FINANCIAL SYSTEM 1 - OS/VS, LIC PROG 5668-967, SPECIFICATIONS  
The Interactive Financial System 1 is part of the Interactive Financial System, which is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4.  
This document describes the functions of IFS 1 and provides the machine and programming requirements.  
Flyer, 3 pages, 12/81  
////5668-967

GH20-5332

INTERACTIVE FINANCIAL SYSTEM 2 - OS/VS, LIC PROG 5668-968, SPECIFICATIONS  
The Interactive Financial System 2 is part of the Interactive Financial System, which is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4.  
With IFS 2 the user can define the profit-and-loss statement, balance sheet, and financial status report to his individual requirements. This document describes the functions of IFS 2 and provides the machine and programming

requirements.  
Flyer, 2 pages, 12/81  
////5668-968

GH20-5333

INTERACTIVE FINANCIAL SYSTEM 3 - OS/VS, LIC PROG 5668-969, SPECIFICATIONS

The Interactive Financial System 3 is part of the Interactive Financial System, which is a set of application program products designed to perform accounting and related functions. The set consists of the program products IFS 1, IFS 2, IFS 3, and IFS 4.

IFS 3 extends the accounting-management functions provided by IFS 1 by the open-item accounting procedure for debtor, creditor, and impersonal accounts. This document describes the capabilities of IFS 3 and provides the machine and programming requirements.

Flyer, 2 pages, 12/81  
////5668-969

GH20-5334

IFS-4 OS/VS SPEC ITV FINANCIAL

No abstract available.

Flyer  
////5668-970

GH20-5335

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60

The Commercial Bank Application System is an interrelated banking system that provides financial account processing to support five major bank applications. This document lists the five applications, describes the capabilities of this program, and provides the machine and programming requirements.

Flyer, 8 1/2 x 11 inches, 2 pages, 1/82  
////5746-F60

GH20-5336

COMMERCIAL BANK APPLICATION SYSTEM/DEMAND DEPOSIT ACCOUNTING, LIC PROG 5746-F61, SPECIFICATIONS

The Commercial Bank Application System is an interrelated banking system that provides financial account processing to support five major bank applications. This document lists the five applications, describes the capabilities of this program, and provides the machine and programming requirements.

Flyer, 2 pages, 1/82  
////5746-F61

GH20-5337

COMMERCIAL BANK APPLICATION SYSTEM/SAVINGS ACCOUNTING, LIC PROG 5746-F62, SPECIFICATIONS

The Commercial Bank Application System is an interrelated banking system that provides financial account processing to support five major bank applications. This document lists the five applications, describes the capabilities of this program, and provides the machine and programming requirements.

Flyer, 2 pages, 1/82  
////5746-F62

GH20-5338

COMMERCIAL BANK APPLICATION SYSTEM/TIME CERTIFICATE OF DEPOSIT, LIC PROG 5746-F63, SPECIFICATIONS

The Commercial Bank Application System is an interrelated banking system that provides financial account processing to support five major bank applications. This document lists the five applications, describes the capabilities of this program, and provides the machine and programming requirements.

Flyer, 2 pages, 1/82  
////5746-F63

GH20-5339

COMMERCIAL BANK APPLICATION SYSTEM/GENERAL LEDGER ACCOUNTING, LIC PROG 5746-F64, SPECIFICATIONS

The Commercial Bank Application System is an interrelated banking system that provides financial account processing to support five major bank applications. This document lists the five applications, describes the capabilities of this program, and provides the machine and programming requirements.

Flyer, 2 pages, 1/82  
////5746-F64

GH20-5340

COMMERCIAL BANK APPLICATION SYSTEM/REVOLVING CREDIT ACCOUNTING, LIC PROG 5746-F65, SPECIFICATIONS

The Commercial Bank Application System is an interrelated banking system that provides financial account processing to support five major bank applications. This document lists the five applications, describes the capabilities of this program, and provides the machine and programming requirements.

Flyer, 2 pages, 1/82  
////5746-F65

SH20-5500

TREND ANALYSIS, LIC PROG 5740-XYT, PROGRAM REFERENCE AND OPERATIONS

Trend Analysis is an interactive computer application designed to allow presentation of time series data in tabular report form, or graphically in color or monochrome, on IBM 3270 Information Display Stations.

Numerical time series data, gathered either from existing organizational files or from an external source, can be formatted and stored for use by the system. Data retrieval and display can be customized to suit the user's needs, making the actual data use simple and meaningful.

This manual provides a description of the program and the steps needed to install and execute Trend Analysis.

Manual, 88 pages, 9/81  
////5740-XYT

SH20-5501

TREND ANALYSIS, LIC PROG 5740-XYT, APPLICATION DESIGN GUIDE

Trend Analysis is an interactive computer application designed to allow presentation of time series data in tabular report form, or graphically in color or monochrome, on IBM 3270 Information Display Stations.

Numerical time series data, gathered either from existing organizational files or from an external source, can be formatted and stored for use by the system. Data retrieval and display can be customized to suit the user's needs, making the actual data use simple and meaningful.

This manual provides a description of the methods used for designing applications to be executed under Trend Analysis for those persons responsible for implementing such applications.

Manual, 212 pages, 9/81  
////5740-XYT

SH20-5502

TREND ANALYSIS, LIC PROG 5740-XYT, USERS GUIDE

Trend Analysis is an interactive computer application designed to allow presentation of time series data in tabular report form, or graphically in color or monochrome, on IBM 3270 Information Display Stations.

Numerical time series data, gathered either from existing organizational files or from an external source, can be formatted and stored for use by the system. Data retrieval and display can be customized to suit the user's needs, making the actual data use simple and meaningful.

This manual provides a description of display station operations for users of Trend Analysis applications.

Manual, 52 pages, 9/81  
////5740-XYT

SH20-5503

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033, USERS GUIDE

The user's guide provides basic documentation for the lowest-level user of the Professional Office System (PROFS). Written as a "do-this" guide, with illustrations of examples and display menus, this publication is designed to help the new user to become productive within two hours.

Manual, 8 1/2 x 11 inches, 120 pages, 11/81  
////5799-BEX

SH20-5504

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033 FOR LINE-MODE SUPPORT

This publication contains information for using the Professional Office System (PROFS) on a line-mode terminal. Information on PROFS messages, formerly in SH20-5504, is now found in IBM Professional Office System: Messages, SH20-5564.

Manual, 8 1/2 x 11 inches, 120 pages, 11/81  
////5799-BEX

SH20-5505

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033, INSTALLATION AND ADMINISTRATION GUIDE

This publication has two sections: Section 1 supplies the VM/SP system programmer with step-by-step instructions for installing the Professional Office System (PROFS).

Section 2 discusses PROFS system administrator tasks, such as file modification, altering menus, setting up printer files, etc. This section also describes console commands available to the PROFS administrator.

Manual, 8 1/2 x 11 inches, 120 pages, 11/81  
////5799-BEX

SH20-5507

INTERACTIVE INSTRUCTIONAL SYSTEMS - COMPUTER BASED TRAINING ADMINISTRATOR'S HANDBOOK

The Interactive Instructional Presentation System and Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.

The Computer Based Training Administrator's Handbook is used in conjunction with the course "iisadm", which is part of the Interactive Instructional Presentation System. The course directs the user in creating a loose-leaf binder to help administer the system. This manual contains the basic elements of that binder.

Manual, 56 pages, 8/81

////5668-011,5668-012

Gh20-5508

DIGITAL INTERACTIVE GRAPHICS FOR INTERPRETIVE MAPPING, LIC  
PROG 5668-959, GENERAL INFORMATION  
This publication describes Digital Interactive Graphics for Interpretive Mapping, an application program which provides the capability to retrieve, display, manipulate, and store map data in digital form.  
Manual  
////5668-959

Sh20-5519

DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC  
PROG 5668-004, TEXT DISPLAY SCREEN DEFINITIONS  
This publication provides text display station screen definitions for the IBM Document Interchange Facility/Distributed which is an IBM program product.  
Document Interchange Facility/Distributed is one of two-part complementary set of program products to support text processing between IBM distributed office systems and IBM host data processing systems.  
Document Interchange Facility/Distributed is intended for IBM distributed office systems which include the IBM Distributed Office Support Facility operating on the IBM 8100 Information System and the IBM 3730 Distributed Office Communication System.  
This manual is intended for people who are interested in text processing in an IBM distributed office environment.  
Manual  
////5668-004

Sh20-5524

3680 PROGRAMMABLE STORE SYSTEM, LIC PROG 5735-D61, -D62,  
APPLICATION PROBLEM SOURCE IDENTIFICATION GUIDE  
This guide provides assistance for tracing the path from the symptom of a failure to its probable cause. Only failures that may be associated with the retail segments of the IBM 3680 Programmable Store System/Sales Application and Store Administration Application program products are considered.  
It is assumed that the user of this guide has, through problem determination procedures and/or understanding of the system, concluded that the problem is in one of the above program products or in user modifications to the program product(s).  
Manual, 164 pages, 1/82  
////5735-D61,5735-D62

Sh20-5530

3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC  
PROG 5735-D61, -D62, USER'S GUIDE  
The IBM 3680 Supermarket Environment (Sales Application and Store Administration Application program products), operating within an IBM 3680 Programmable Store System, provides functions that perform customer checkout and store support procedures using IBM 3683 and 3684 Point of Sale Terminals. Data captured during store operations is available for in-store processing and for retrieval by a centrally located IBM System/370, 30xx, or 4300 data processing system.  
This guide provides detailed descriptions of the IBM 3680 Supermarket Environment in-store terminal procedures. These descriptions include keying sequences and display and print formats. Examples of 3680 Supermarket Environment in-store reporting and data modification capabilities are also included.  
Manual, 8 1/2 x 11 inches, 372 pages, 3/82  
////5735-D61,5735-D62

Sh20-5531

3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC  
PROG 5735-D61, -D62, PROGRAM REFERENCE & OPERATIONS GUIDE  
The IBM 3680 Supermarket Environment (Sales Application and Store Administration Application program products), operating within the IBM 3680 Programmable Store System, provides functions that perform customer checkout and store support procedures using IBM 3683 and 3684 Point of Sale Terminals. Data collected during store operations is available for in-store processing and for retrieval by an IBM System/370, 30xx, or 4300 data processing system.  
This manual provides detailed information needed to implement and operate the program products and to tailor their functional capabilities to specific user requirements. Discussions of user responsibilities, programming prerequisites, and machines supported are included. In-store terminal operations are described in the IBM 3680 Supermarket Environment Users Guide, a corequisite publication.  
Manual, 300 pages, 3/82  
////5735-D61,5735-D62

Sh20-5532

3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT  
APPLICATION, LIC PROG 5735-D61, -D62, MACRO REFERENCE  
The IBM 3680 Programmable Store System Supermarket Environment (Sales Application and Store Administration Application program products), operating within an IBM 3680 Programmable Store System, provides functions that perform customer checkout and store support procedures using IBM 3683 and 3684 Point of Sale Terminals. Data captured during store operations is available for in-store processing and

for retrieval by a centrally located IBM System/370, 30xx, or 4300 data processing system.

This manual provides the attributes of the application macros used in the Supermarket Environment program products. This information is intended for users who implement, maintain, and tailor the program products to specific user operational requirements.  
Manual, 84 pages, 3/82  
////5735-D61,5735-D62

SH20-5533

3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC  
PROG 5735-D61, -D62, DATA BASE REFERENCE  
This reference manual contains detailed descriptions of files used by multiple program products in IBM 3680 Programmable Store Systems operating in supermarket and retail environments. These file (and record) descriptions provide support for installation of the program products, data administration at a central location or in the store(s), and user application programming.  
It is assumed that the user of this reference has access to related manuals for each applicable program product. Related manuals are referenced in the text and are identified by product, name, and order number in the Bibliography in this publication.  
Manual, 276 pages, 3/82  
////5735-D61,5735-D62

SH20-5534

3650 APPLICATION PROBLEM SOURCE IDENTIFICATION GUIDE  
LIC PROG 5748-D14, -D21, -D22, -D15  
This guide provides assistance for tracing the path from the symptom of a failure to its probable cause. Only failures that may be associated with the IBM 3650 Programmable Store System Point of Sale Application program products are considered.  
It is assumed that the user of this guide has concluded that the problem is in one of the above program products or in user modifications to one of the program products.  
Manual, 280 pages, 2/82  
////5748-D14,5748-D15,5748-D21,5748-D22

SH20-5535

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION SUPERMARKET  
ENVIRONMENT, LIC PROG 5735-D61, -D62  
The IBM 3650 Supermarket Environment, operating within an IBM 3650 Programmable Store System, provides functions that perform customer checkout and store support procedures using IBM 3663P and 3683 Point of Sale Terminals. Data captured during store operations is available for in-store processing and for retrieval by a centrally located IBM System/370, 30XX, or 4300 data processing system.  
This guide provides detailed descriptions of the IBM 3650 Supermarket Environment in-store terminal procedures. These descriptions include keying sequences and display and print formats. Examples of 3650 Supermarket Environment in-store reporting and data modification capabilities are also included.  
Manual, 440 pages, 2/82  
////5748-D21

SH20-5536

3650 PROGRAMMABLE STORE SYSTEM APPLICATION/SUPERMARKET  
ENVIRONMENT, LIC PROG 5748-D21, PROGRAM REFERENCE AND  
OPERATIONS GUIDE  
The IBM Point of Sale Application/Supermarket Environment program product, operating within an IBM 3650 Programmable Store System, provides programmed functions necessary to perform customer checkout and store support procedures using IBM 3663 Supermarket Terminals and IBM 3683 Point of Sale Terminals. Data captured during store operations is available for in-store processing and for retrieval by centrally located IBM System/370, 30xx, or 4300 data processing system.  
This manual provides descriptions of the procedures provided by this program product and information on tailoring its functional capabilities to specific user requirements.  
Manual, 408 pages, 2/82  
////5748-D21

SH20-5537

3650 PROGRAMMABLE STORE SYSTEM APPLICATION/SUPERMARKET  
ENVIRONMENT, LIC PROG 5748-D21, DATA BASE REFERENCE  
The IBM Point of Sale Application/Supermarket Environment program product, operating within an IBM 3650 Programmable Store System, provides programmed functions necessary to perform customer checkout and store support procedures using IBM 3663 Supermarket Terminals and IBM 3683 Point of Sale Terminals. Data captured during store operations is available for in-store processing and for retrieval by a centrally located IBM System/370, 30xx, or 4300 data processing system.  
This manual contains the attributes of IBM 3650 Programmable Store System files and detailed descriptions of the data records contained in those files. This information is necessary for application programming, installation, operation, and data administration for the Supermarket Environment program product.  
Manual, 256 pages, 2/82  
////5748-D21

SH20-5538

3650 PROGRAMMABLE STORE SYSTEM, LIC PROG 5748-D21, -D22, -D15, APPLICATION INSTALLATION GUIDE  
This guide provides consolidated information to aid in the installation of multiple IBM 3650 Programmable Store System program products in supermarket environments.  
It includes questions to simplify the specification of hardware and program components, worksheets to aid in translating answers to required system parameters, specification examples (commands, macros, and job control language), and guidance for using sample problems to test the resulting store environments.

It is assumed that the user of this reference has access to related manuals for each applicable program product. Related manuals are referenced in the text and are identified by product, name, and order number in the Bibliography in this publication.  
Manual, 652 pages, 2/82  
///5748-D21,5748-D22,5748-D15

SH20-5539

3650 PROGRAMMABLE STORE SYSTEM, LIC PROG 5748-D21, APPLICATION/SUPERMARKET ENVIRONMENT, MACRO REFERENCE  
The IBM Point of Sale Application/Supermarket Environment program product, operating within an IBM 3650 Programmable Store System, provides programmed functions necessary to perform customer checkout and store support procedures using IBM 3663 Supermarket Terminals and IBM 3683 Point of Sale Terminals. Data captured during store operations is available for in-store processing and for retrieval by a centrally located IBM System/370, 30xx, or 4300 data processing system.

This manual describes application macros used to tailor store system environments to specific user operational requirements. It supports the tasks of installation, application programming, and program maintenance.  
Manual, 176 pages, 2/82  
///5748-D21

SH20-5540

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, PLANNING GUIDE  
This publication provides planning information for the Commercial Bank Application System. This information includes details on application and program options, descriptions of data processing functions, and suggested planning activities.  
Manual, 188 pages, 1/82  
///5746-F60,5746-F61,5746-F62,5746-F63,5746-F65,5746-F64

SH20-5541

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, PLANNING REFERENCE  
This publication contains descriptions for all data used by the Commercial Bank Application System. The primary purpose of this publication is to support the task of planning for the installation and use of the system. It also supports the tasks of customization and maintenance and it can serve as a guide to understanding how the system processes data.  
Manual, 308 pages, 1/82  
///5746-F60,5746-F62,5746-F63,5746-F64,5746-F61,5746-F65

SH20-5542

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, INSTALLATION  
This publication contains information to use when installing the Commercial Bank Application System. The information consists of detailed instructions for installing each application, tailoring the installed applications, converting to the applications and validating the converted applications. Also included are system, program, and storage requirements and specifications for data conversion and special programs. Sample forms and conversion worksheets are provided.  
Manual, 116 pages, 1/82  
///5746-F60,5746-F61,5746-F65,5746-F62,5746-F64,5746-F63

SH20-5543

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, OPERATIONS  
This publication contains operation information for the Commercial Bank Application System. This information consists of screen usage, job operation, utility operation, and special operating procedures. Messages and sample base program reports are also included.  
Manual, 300 pages, 1/82  
///5746-F60,5746-F62,5746-F63,5746-F64,5746-F65,5746-F61

SH20-5544

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, CUSTOMIZATION  
This publication contains information to use when modifying and extending the programs for the Commercial Bank Application System. The information consists of sample conversion programs, sample services charge programs, sample proof-of-deposit interface programs, and descriptions of the data used by each of the sample programs.  
Manual, 172 pages, 1/82  
///5746-F60,5746-F64,5746-F63,5746-F62,5746-F65,5746-F61

SH20-5545

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, PGM SERVICE  
This publication contains information to use when locating and resolving problems in the Commercial Bank Application System programs. The information describes the design, structure, and functions of the programs and system files. Problem resolution guidelines are also included.  
Manual, 356 pages, 1/82  
///5746-F60,5746-F61,5746-F64,5746-F63,5746-F65,5746-F62

SH20-5546

COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F61, DEMAND DEPOSIT ACCOUNTING USER  
This publication contains reference information for bank employees who use the Commercial Bank Application System: Demand Deposit Accounting application. The information consists of codes, sample input forms, and reports.  
Manual, 128 pages, 1/82  
///5746-F61

SH20-5547

COMMERCIAL BANK APPLICATION SYSTEM, SAVINGS ACCOUNTING, LIC PROG 5746-F62, USER REFERENCE  
This publication contains reference information for bank employees who use the Commercial Bank Application System: Savings application. The information consists of codes, sample input forms, and reports.  
Manual, 92 pages, 1/82  
///5746-F62

SH20-5548

COMMERCIAL BANK APPLICATION SYSTEM, TIMES CERTIFICATES OF DEPOSIT, LIC PROG 5746-F63, USERS REFERENCE  
This publication contains reference information for bank employees who use the Commercial Bank Application System: Time Certificates of Deposit application. The information consists of codes, sample input forms, and reports.  
Manual, 68 pages, 1/82  
///5746-F63

SH20-5549

COMMERCIAL BANK APPLICATION SYSTEM, GENERAL LEDGER, LIC PROG 5746-F64, USER REFERENCE  
This publication contains reference information for bank employees who use the Commercial Bank Application System: General Ledger application. The information consists of codes, sample input forms, and reports.  
Manual, 48 pages, 1/82  
///5746-F64

SH20-5550

COMMERCIAL BANK APPLICATION SYSTEM, REVOLVING CREDIT ACCOUNTING, LIC PROG 5746-F65, USERS REFERENCE  
This publication contains reference information for bank employees who use the Commercial Bank Application System: Revolving Credit application. The information consists of codes, sample input forms, and reports.  
Manual, 88 pages, 1/82  
///5746-F65

SH20-5551

CUSTOMER INFORMATION FACILITY/VS FOR THE COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-XXS  
The Customer Information Facility/VS for the Commercial Bank Application System is a set of batch and online application programs designed to create and maintain a customer data base and related account data bases for the financial institution. Online inquiry capability to the data bases is provided through the IBM 3270 Information Display System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.  
Manual, 140 pages, 1/82  
///5746-XXS

SH20-5552

CUSTOMER INFORMATION FACILITY/VS FOR THE COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-XXS  
The Customer Information Facility/VS for the Commercial Bank Application System is a set of batch and online application programs designed to create and maintain a customer data base and related account data bases for the financial institution. Online inquiry capability to the data bases is provided through the IBM 3270 Information Display System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.  
Manual, 132 pages, 1/82  
///5746-XXS

SH20-5553

3650 PROGRAMMABLE STORE SYSTEM APPLICATION, LIC PROG 5748-D15, -D21, -D22, INSTALLATION GUIDE TABS  
Tabs for the 3650 Programmable Store System Application Installation Guide.  
Tabs, 3/82

///5748-D22,5748-D21,5748-D15

SH20-5554

CUSTOMER INFORMATION FACILITY FOR COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-XXS, OPERATIONS GUIDE  
The Customer Information Facility/VS for the Commercial Bank Application System is a set of batch and online application programs designed to create and maintain a customer data base and related account data bases for the financial institution. Online inquiry capability to the data bases is provided through the IBM 3270 Information Display System.

Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.  
Manual, 220 pages, 1/82  
///5746-XXS

SH20-5564

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPO P09033, MESSAGES

This manual contains information about all Professional Office System (PROFS) messages. This information was formerly found in IBM Professional Office System: Reference Manual, SH20-5504.

Manual, 200 pages, 4/82  
///5799-BEX

SH20-5582

PROFS PRIMER

This introductory manual describes the features and capabilities of the IBM Professional Office System (PROFS). Intended primarily for casual or first-time users, it describes a limited subset of PROFS functions. Users who wish to become more familiar with the system are referred to the HELP screens and to other documentation.

Manual, 5/82

SH20-6130

DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE, COURSE DESCRIPTION/ADMINISTRATIVE MANUAL (CURRENT RELEASE)

This Installed User Program is a computer-based training course that teaches personnel who prepare documents how to mark up and format documents using the Document Composition Facility (5748-XX9).

This manual includes procedures to install and administer the course under the Interactive Instructional System (5748-XX6).

This course was originally developed by the Data Processing Education Department of IBM Canada, Ltd., in Willowdale, Ontario.

Manual  
///5796-PNE

SH20-6131

DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE STUDENT MATERIALS

These materials are used at the terminal by students taking the Document Composition Facility Training Course. This Installed User Program is a computer-based training course that teaches personnel who prepare documents how to mark up and format documents using the Document Composition Facility (5748-XX9) under the Interactive Instructional System (5748-XX6).

This course was originally developed by the Data Processing Education department of IBM Canada, Ltd., in Willowdale, Ontario.

Student materials  
///5796-PNE

SH20-6133

APPLICANT TRACKING SYSTEM, IUP 5796-PLT, DESCRIPTION/OPERATIONS

This manual is intended for the VM/370 system programmers responsible for installing and supporting the Applicant Tracking System (5796-PLT). It describes the system as well as installation and checkout procedures.

Manual  
///5796-PLT

SH20-6134

APPLICANT TRACKING SYSTEM, IUP 5796-PLT, USER'S GUIDE

This manual contains operating instructions and information for the Applicant Tracking System (5796-PLT). It is intended to be used by the end users and terminal operators of the system.

Manual  
///5796-PLT

SH20-6140

HEALTH CARE SUPPORT/DL/I MEDICAL RECORD ABSTRACT, IUP 5796-AYL, DESCRIPTION/OPERATIONS

The Medical Record Abstract System is an on-line data base system that assists the Medical Records Department in tracking, collecting, analyzing, and reporting data from the patient medical record.

This manual describes the capabilities of the Health Care Support/DL/I - Medical Record Abstract System. It is both a program description and an installation and operation reference document.

Manual  
///5796-AYL

SH20-6142

PATIENT CARE SYSTEM-DATA MANAGER, IUP 5796-AYQ, DESCRIPTION/OPERATIONS

This manual describes the capabilities of the Patient Care System-Data Manager program. It provides the flow of each function, examples of data access coding, and sample PCS Data Dictionary definitions.

The primary purpose of this manual is to provide user application developers, data base administrators, analysts and programmers with an understanding of how to use the functions of this program.

Included are general installation and operating instructions for planning purposes.  
Manual, 8 1/2 x 11 inches,  
///5796-AYQ

SH20-6149

DEMAND DEPOSIT ACCOUNTING AND SAVINGS MEMO POST SYSTEM, IUP 5796-AZF, DESCRIPTION/OPERATIONS

The Online Teller System provides host computer support to an IBM 3600 teller network and updates application data bases in a Customer Information Facility environment.

This manual is designed to help the system programmer understand, install and test the Online Teller System.

Manual  
///5796-AZF

SH20-6153

DL/I BATCH SAVINGS SYSTEM, IUP 5796-AZJ, DESCRIPTION/OPERATIONS

The DL/I Batch Savings System posts activities to savings accounts and performs the required interest calculations, maintenance and reporting functions that are associated with the saving application.

This manual contains program descriptions, file and data base specifications, reports, back-up and recovery procedures, installation procedures and a sample problem.

Manual  
///5796-AZJ

SH20-6160

SOFTCOPY, IUP 5796-PNP, USER'S GUIDE

This publication contains a detailed description of the different functions which are supported by SOFTCOPY.

It illustrates the different steps which a typical user goes through in running SOFTCOPY. It also contains sample problems and illustrations of the IBM 3277 Graphics Attachment Work Station.

Users guide  
///5796-PNP

SH20-6161

SOFTCOPY, IUP 5796-PNP, INSTALLATION GUIDE

This publication contains a brief description of the functions which are supported by the SOFTCOPY IUP.

It describes the different environments for running SOFTCOPY and contains the different files and the required JCL to run and test the SOFTCOPY sample problems.

It is intended for use by systems analysts/programmers and installation personnel.

Installation guide  
///5796-PNP

SH20-6163

WESTINGHOUSE ELECTRIC CORPORATION - GRAPHIC TRAINING AIDS, IUP 5796-AYJ, DESCRIPTION/OPERATIONS

This manual is intended for personnel involved with installing and using the Graphic Training Aids IUP 5796-AYJ. An instructors guide and a sample training schedule are included.

Manual  
///5796-AYJ

SH20-6164

IMS APPLICATION DEVELOPMENT FACILITY, IUP 5796-PHX, RULES DOCUMENTATION USER'S GUIDE

The IMS Application Development Facility is a system for developing applications. It runs under IMS/VS and is comprised of several skeletal IMS/VS application programs, data bases, and additional code and data. Rule definitions direct the skeletal programs to execute the desired application. A reporting facility assists in maintaining a consistent set of IMS/ADF rule definitions.

Manual  
///5796-PHX

SH20-6166

ATMS ARCHIVE TAPE LIST PROGRAM 5796-AZQ

The Archival List IUP is an OS/VS utility program which will provide a table of contents for an ATMS Archival Tape. At the same time, the program will verify that the archived documents are machine readable.

Manual, 8 1/2 x 11 inches, 2/81  
///5796-AZQ



SH20-6169

FULL FUNCTION TELLER INFORMATION SYSTEM, IUP 5796-AZL, DESCRIPTION/OPERATIONS

The Full Function Teller System enables the bank teller to process customer monetary transactions including deposits, withdrawals, payments, exchanges and transfers.

This manual describes the capabilities of the Full Function Teller System and the host and 3601 application programs that comprise the system.

Discussions of transaction design and function are included, and reports are pictured.

Manual  
 ////5796-AZL

SH20-6170

FULL FUNCTION TELLER INFORMATION SYSTEM, IUP 5796-AZL, TELLER OPERATIONS GUIDE

The Full Function Teller System enables the bank teller to process customer monetary transactions including deposits, withdrawals, payments, exchanges and transfers.

This manual describes the standard transactions and operational procedures of the Full Function Teller System.

Control instructions and procedures, messages and reports are included.

Manual  
 ////5796-AZL

SH20-6172

ONLINE TELLER ASSIST SYSTEM, IUP 5796-AZN, DESCRIPTION/OPERATIONS

The Online Teller Assist System is an online account inquiry and update system which performs a variety of banking services.

This manual describes the capabilities of the Online Teller Assist System and its potential for replacing an audio response system; enabling a user to provide on-line services to his customers as an interim step in migrating from a manual teller operation to a full function teller system; and combining with a user's existing full function teller system.

Discussions of transactions, reject responses and reports are included.

Manual  
 ////5796-AZN

SH20-6173

ONLINE TELLER ASSIST SYSTEM, IUP 5796-AZN, TERMINAL OPERATOR'S GUIDE

The Online Teller Assist System is an online account inquiry and update system which performs a variety of banking services.

This manual describes the standard transactions and procedures of the Online Teller Assist System. Reject responses, special procedures, special transactions and reports are included.

Manual, 85 pages, 6/81  
 ////5796-AZN

SH20-6178

THE BANK TELLER 3600 APPLICATION PROGRAM/COMMERCIAL EXTENSIONS, IUP 5796-AZX, DESCRIPTION/OPERATIONS

The Bank Teller 3600 Application Program Commercial Extensions subsequently referred to as the 3600 Application Program, is designed to run in an IBM 3600 Finance Communication Controller. The 3600 Application Program accepts teller transactions which are edited, verified, transmitted to a central computer and recorded into a 3600 file for later retrieval. Additionally, it accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages.

Manual  
 ////5796-AZX

SH20-6179

THE BANK TELLER 3600 APPLICATION PROGRAM/COMMERCIAL EXTENSIONS, IUP 5796-AZX, TELLER'S MANUAL

The Bank Teller 3600 Application Program Commercial Extensions subsequently referred to as the 3600 Application Program, is designed to run in an IBM 3600 Finance Communication Controller. The 3600 Application Program accepts teller transactions which are edited, verified, transmitted to a central computer and recorded into a 3600 file for later retrieval. Additionally, it accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages.

Manual  
 ////5796-AZX

SH20-6181

PL/I GENERAL PURPOSE SIMULATION SYSTEM, IUP 5796-PNN, DESCRIPTION/OPERATION

PL/I GPSS provides a comprehensive simulation package in which two complementary simulation languages, GPSS and SIMPL/I are implemented as extensions to PL/I. With minor exceptions PL/I is functionally equivalent to GPSS V and maintains the same "world view" wherein a system is represented by transactions flowing through blocks. The

implementation of the two simulators, however, is quite different. In PL/I GPSS a block is coded as a macro command. The PL/I GPSS macro commands can be interspersed with PL/I code, and the transactions are considered to flow through both the macros and the surrounding PL/I code.

Manual, 8 1/2 x 11 inches

////5796-PNN

SH20-6182

COMBINED DEPOSIT SYSTEM, IUP 5796-AZY, DESCRIPTION/OPERATIONS

The American National Bank Combined Deposits System is designed to process Demand, Time, NOW, and Overdraft Banking accounts in a single system built around a comprehensive DL/I data base. This single system design allows accounts to be configured to easily perform functions involving multiple accounts, such as automatic funds transfer, combined statements, and relational pricing.

Manual, 8 1/2 x 11 inches, 104 pages, 2/82

////5796-AZY

SH20-6183

COMBINED DEPOSITS SYSTEMS, IUP 5796-AZY, USERS GUIDE

The American National Bank Combined Deposits System is designed to process Demand, Time, NOW, and Overdraft Banking accounts in a single system built around a comprehensive DL/I data base. This single system design allows accounts to be configured to easily perform functions involving multiple accounts, such as automatic funds transfer, combined statements, and relational pricing.

Manual, 8 1/2 x 11 inches, 2/82

////5796-AZY

SH20-6185

CRITERION REFERENCE REPORT SYSTEM, IUP 5796-AZZ, DESCRIPTION/OPERATION

The Criterion-Referenced Test Reporting System reports test results in terms of the level of student mastery of measurement objectives. This method of test evaluation provides accurate diagnosis of students specific needs and assists in the process of curriculum evaluation and development.

The system allows definition and processing of either standardized or teacher-made criterion referenced tests. The system also provides the capability to produce comparative reporting of two successive test administrations to assist in the evaluation of a students progress after completion of remedial prescriptions.

Manual, 8 1/2 x 11 inches, 182 pages, 2/81

////5796-AZZ

SH20-6186

ONLINE PLANT MAINTENANCE SYSTEM - EQUIPMENT MANAGEMENT, IUP 5787-NAD, DESCRIPTION/OPERATIONS

The Equipment Management program is a module of the Online Plant Maintenance System. The program is an operational tool to be used by departments responsible for the maintenance of equipment and machines. It can be considered an inventory system for facilities, equipment, and machines. The information can be accessed online by maintenance personnel using their own terminals.

The program has been designed to run under DOS/VS or DOS/VSE, around a DL/I data base architecture, using CICS as the communication manager.

Manual  
 ////5787-NAD

GH20-9158

DOCUMENT COMPOSITION FACILITY AND DOCUMENT LIBRARY FACILITY LIC PROG 5748-XX9, -XXE, GENERAL INFORMATION (CURRENT RELEASE)

This manual provides general information about the IBM Document Composition Facility and Document Library Facility program products for the management and staff of groups that have potential users and for the data processing management and staff who plan to install and maintain it. This manual will help these people evaluate the use for their organization, estimate resources required to install and use it, and foresee the tasks required to prepare for its installation and use.

management and staff of groups that have potential users and for the data-processing management and staff who plan to install and maintain it. This manual will help these people evaluate the use for their organization, estimate resources required to install and use it, and foresee the tasks required to prepare for its installation and use.

Manual, 10/79  
 ////5748-XX9, 5748-XXE

GH20-9159

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SPECIFICATIONS (CURRENT RELEASE)

This is the licensed program specifications for the Document Composition Facility, designed to run on S/370 under DOS/VS, OS/VS, TSO and CMS.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/78

////5748-XX9

- SH20-9161  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, USER'S GUIDE (CURRENT RELEASE)  
 SCRIPT/VS is a text-processing and formatting program product for use with S/370 VM/370 CMS, OS/VS2 TSO, and batch processing SCPs. This manual describes SCRIPT/VS, its formatting features, its interface to interactive environments (CMS and TSO), and its symbol and macro processing capabilities. The manual also describes SCRIPT/VS compatibility with SCRIPT/370, ATMS, and TSO/FORMAT.  
 Manual, 8 1/2 x 11 inches, 250 pages, 6/78  
 ///5748-XX9
- SH20-9164  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, SPECIFICATIONS  
 This is the licensed program specifications for the Document Library Facility, designed to run on S/370 under DOS/VS, OS/VS1 or OS/VS2 MVS.  
 Flyer, 8 1/2 x 11 inches, 4 pages, 6/78  
 ///5748-XXE
- SH20-9165  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, GUIDE  
 This manual contains a description of the IBM Document Library Facility licensed program, designed to run on S/370 under OS/VS1, OS/VS2 MVS or DOS/VS, and the information necessary to use it. Detailed descriptions of the commands are provided with coding examples. Also included are descriptions of the interfaces.  
 Manual, 8 1/2 x 11 inches, 175 pages, 4/78  
 ///5748-XXE
- SH20-9175  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, RELEASE 2 PROGRAM SUMMARY  
 This flyer is the program summary for the Document Composition Facility Release 2.  
 Flyer, 8 1/2 x 11 inches, 4 pages, 7/79  
 ///5748-XX9
- SH20-9176  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROGRAM SUMMARY RELEASE 2  
 This flyer is the program summary for the Document Library Facility Release 2.  
 Flyer, 8 1/2 x 11 inches, 2 pages, 7/79  
 ///5748-XXE
- SH20-9186  
DOCUMENT COMPOSITION FACILITY LIC PROG 5748-XX9, INTRODUCTION TO THE GENERALIZED MARKUP LANGUAGE: USING THE STARTER SET (CURRENT RELEASE)  
 The purpose of this book is to teach you how to use GML in general and how to use the starter set in particular, and to get you ready to use any specific GML that your organization might develop.  
 Manual, 8 1/2 x 11 inches, 150 pages, 3/80  
 ///5748-XX9
- SH20-9187  
DOCUMENT COMPOSITION FACILITY GENERALIZED MARKUP LANGUAGE: LIC PROG 5748-XX9, STARTER SET REFERENCE (CURRENT RELEASE)  
 This manual describes the starter set of GML provided with the product and the formatting results that SCRIPT/VS will produce when those tags are used; provides basic information on using SCRIPT/VS to process GML documents; and explains how to tailor the starter set for your specific installation requirements. A machine-readable copy of the book is provided for tailoring the documentation of any such changes to the starter set.  
 A companion book, Document Composition Facility Generalized Markup Language: Concepts and Design Guide, SH20-9188, contains a GML markup guide, also available in machine-readable form, which can be used as a base when multiple applications and profiles are to be used to process the GML tags.  
 Manual, 8 1/2 x 11 inches, 150 pages, 3/80  
 ///5748-XX9
- SH20-9188  
DOCUMENT COMPOSITION FACILITY GENERALIZED MARKUP LANGUAGE LIC PROG 5748-XX9, CONCEPTS & DESIGN GUIDE (CURRENT RELEASE)  
 This document applies to Release 2 of the IBM Document Composition Facility Program Product 5748-XX9. This publication was formerly Document Composition Facility Generalized Markup Language (GML) User's Guide, SH20-9160. Composition Facility Program Product 5748-XX9. This publication was formerly Document Composition Facility Generalized Markup Language (GML) User's Guide, SH20-9160.  
 Manual, 8 1/2 x 11 inches, 172 pages, 4/80  
 ///5748-XX9
- SH30-0108  
ENERGY MANAGEMENT SYSTEM - SYSTEM GENERATION MANUAL, PROG PRODS 5707-U11, 5740-U11  
 This publication provides information about the generation of the IBM System/7 and/or the System/370 Energy Management System. The intended audience includes user programmers, power system engineers, and system engineers and support center personnel.  
 Manual, 3/76  
 ///5740-U11,5707-U11
- SJB1-0001  
3790 HOST SUPPORT DOS/VS RELEASE 11.0, 5747-BQ1, LISTINGS  
 Microfiche source code for Release 11.0 of the 3790 Host Support Code for the modules and macros used under DOS/VS to support a 3790 Communication System or a 3770P Programmable Data Communication System.  
 Microfiche, 3.25 x 7.375, 59 cards, 8/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0022  
3790 HOST SUPPORT OS/VS RELEASE 11.0, 5744-BZ3, LISTINGS  
 Microfiche source code for Release 11.0 of the 3790 Host Support Code for the modules and macros used under OS/VS to support a 3790 Communication System or a 3770P Programmable Data Communication System.  
 Microfiche, 3.25 x 7.375, 59 cards, 8/79  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0101  
3650 RETAIL STORE SYSTEM HOST SUPPORT 5747-BJ3 LISTINGS  
 This document contains compiler and assembler listings of Release 3.2 modules for DOS 34 in the 3650 Retail Store System Host Support IR. A prologue is provided which describes what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
 Microfiche, 98 cards, 12/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0102  
3650 RETAIL STORE SYSTEM HOST SUPPORT 5747-BJ3, 5744-BQ3 LISTINGS  
 This document contains source (input) statements for all macros in the 3650 RSS Host Support IR. A prologue is provided which describes what each macro does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
 Microfiche, 90 cards, 12/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0103  
3650 RETAIL STORE SYSTEM, SUBSYSTEM PROGRAM PREPARATION SERVICES 5747-BJ2, 5744-BQ2 LISTINGS  
 This document contains source (input) statements for ALL macros in the 3650 Retail Store System SPPS IR. A prologue is provided which describes what each macro does and how it is done. This document is intended for use by IBM in correction of program design errors.  
 Microfiche, 64 cards, 3/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0104  
3650 RETAIL STORE SYSTEM HOST SUPPORT 5744-BQ3 LISTINGS  
 This document contains compiler and assembler listings of Release 3.2 modules unique to OS/VS1 Rel 6.0 and OS/VS2 Rel 3.7 in the 3650 Retail Store System Host Support IR. A prologue is provided which describes what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
 Microfiche, 16 cards, 12/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0106  
3650 RETAIL STORE SYSTEM SUBSYSTEM, PROGRAM PREPARATION SERVICES LISTINGS, SCP 5747-BJ2  
 This document contains compiler and assembler listings of Release 3.1 modules unique to DOS/VS in the RSS SPPS IR. A prologue is provided which describes what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
 Microfiche, 39 cards, 3/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0108  
3650 RETAIL STORE SYSTEM, SUBSYSTEM PROGRAM PREPARATION SERVICES, 5744-BQ2, 5747-BJ2  
 This document contains compiler and assembler listings of Release 3.1 modules in the RSS SPPS IR. A prologue is provided which describes what each module does and how it is done. This document is intended for use by IBM personnel in correction of program errors.  
 Microfiche, 38 cards, 3/77  
 SLSS - ORDER NO. SUBSCRIPTION ONLY
- SJB1-0201  
3600 HOST SUPPORT SCP 5747-BR1 IR7  
 3600 Host Support for IR7 on DOS/VS systems.  
 Microfiche, reduced 45x, 59 cards, 6/81  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

LJB1-0202

4700 HOST SUPPORT 5668-989 DOS/VSE, LISTINGS  
Microfiche listing for Release 1 of the program shown in the title.  
Microfiche, 7/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJB1-0221

3600 HOST SUPPORT VS1 SCP 5744-CA2  
Microfiche listings for the program shown in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-0222

3600 HOST SUPPORT SCP 5744-CA3 IR7  
3600 Host Support for IR7 on OS/VSE systems.  
Microfiche, reduced 45x, 59 cards, 6/81  
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJB1-0223

4700 HOST SUPPORT 5668-989 OS/VSE, LISTINGS  
Microfiche listing for Release 1 of the program shown in the title.  
Microfiche, 7/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJB1-0241

3600 HOST SUPPORT VS2 SCP 5744-CA1  
Microfiche listings for the program shown in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-0301

IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT RELEASE 3 VERSION 2 DOS LISTINGS  
Microfiche listings for the program shown in the title.  
Microfiche, 56 cards, 9/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-0321

SUPERMARKET STORE SYSTEM HOST SUPPORT VERSION 2.0 LISTINGS  
Microfiche listings for the program shown in the title.  
Microfiche, 108 cards, 6/76  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-0446

SUBSYSTEM SUPPORT SERVICES VS2 RELEASE 1.7 LISTINGS, SCP 5744-CJ1  
Microfiche listings for the program shown in the title.  
Microfiche, 91 cards, 3/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJB1-1221

DEVELOPMENT MANAGEMENT SYSTEM/DISTRIBUTED PROCESSING CONTROL EXECUTIVE (DMS/DPCX) FOR OS/VS2 MVS TSO AND VM/370 CMS, 5748-XC4 LISTINGS  
Contains assembly listings of modules of DMS/DPCX Program Product for TSO and CMS.  
Microfiche, 218 cards, 11/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJB1-2004

OS 3650 AND 3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT 5744-D16, LISTINGS  
This document contains compiler and assembler listings of Rel 4 modules and macros unique to OS/VSE for the IBM 3650 3680 Programmable Store System Host Support. Prologues are provided which describe what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
Microfiche, 6/81  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-2005

VSE 3650 & 3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT 5747-D16 LISTINGS  
This document contains compiler and assembler listings of Release 4 modules and macros unique to VSE for the 3650/3680 Programmable Store System Host Support. Prologues are provided which describe what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
Microfiche, 6/81  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-2006

OS/VSE SPSS-II SCP 5744-DA1, MICROFICHE LISTINGS  
This document contains compiler and assembler listings of Release 1.0 Modules unique to OS/VSE for the IBM 3650 Programmable Store System Host Support. Prologues are provided which describe what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
Microfiche 3.25 x 7.375, reduced 45x, 26 cards, 6/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJB1-2007

DOS/VSE SPSS-II SCP 5747-CJ2, MICROFICHE LISTINGS  
This document contains compiler and assembler listings of Release 1.0 Modules unique to DOS/VSE for the IBM 3650 Programmable Store System Subsystem Program Preparation Support - II (SPSS-II) SCP. Prologues are provided which describe what each module does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
Microfiche, 3.25 x 7.375 inches, 26 cards, 6/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

LJB1-2008

OS/VSE SPSS-II PROGRAM PRODUCT 5735-D16 LISTINGS  
This document contains source and assembler listings of Release 3 modules and macros unique to OS/VSE SPSS II Program Product. Prologues are provided which describe what each module/macro does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
Microfiche, 6/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB1-2009

VSE SPSS II PROGRAM PRODUCT 5735-D16 LISTINGS  
This document contains source and assembler listings of Release 3 modules and macros unique to VSE SPSS II Program Product. Prologues are provided which describe what each module/macro does and how it is done. This document is intended for use by IBM personnel in correction of program design errors.  
Microfiche, 6/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB1-2010

3650 PSS COBOL COMPILER FOR DOS/VSE OR DOS/VSE, LIC PROG 5746-CB2, LISTINGS  
This document contains Assembler Listings of Release 1.0 Modules unique to DOS/VSE or DOS/VSE for the IBM 3650 Programmable Store System COBOL Compiler Program Product. Prologues are provided which describe what each module does and how it is done. This document is intended for use by IBM Personnel in correction of program design errors.  
Microfiche, reduced 45x, 4 cards, 10/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB1-2011

3650 PSS COBOL COMPILER FOR OS/VSE, LIC PROG 5740-CB2, LISTINGS  
This document contains Assembler Listings of Release 1.0 Modules unique to OS/VSE for the IBM 3650 Programmable Store System COBOL Compiler Program Product. Prologues are provided which describe what each module does and how it is done. This document is intended for use by IBM Personnel in correction of program design errors.  
Microfiche, reduced 45x, 4 cards, 10/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB1-2197

DSX FOR DOS  
Microfiche for the program mentioned in the title.  
Microfiche, 88 cards  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0016

DOCUMENT COMPOSITION FACILITY BACKGROUND ENVIRONMENT LIC PROG 5748-XX9, LISTINGS (COMMON) (CURRENT RELEASE)  
Document Composition Facility microfiche program listings (Common Code) of the background environment for 5748-XX9.  
Microfiche, 21 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0017

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, CMS FOREGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)  
Document Composition Facility microfiche program listings (CMS Code) of the foreground environment for 5748-XX9.  
Microfiche, 4 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0018

DOCUMENT COMPOSITION FACILITY FOREGROUND ENVIRONMENT LIC PROG 5748-XX9, LISTINGS (COMMON) (CURRENT RELEASE)  
Document Composition Facility microfiche program listings (TSO Code) of the foreground environment for 5748-XX9.  
Microfiche, 5 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0022

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DATA AREAS, LISTINGS (CURRENT RELEASE)  
Microfiche Listing of Document Composition Facility Data Areas, Lic Prog 5748-XX9, for S/370 under DOS/VSE, OS/VS1, OS/VSE2 MVS and CMS or TSO.  
Microfiche, 1 card, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0023

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SYMBOLIC NAME CROSS REFERENCE TABLE, LISTINGS (CURRENT RELEASE)  
Microfiche program listings for Document Composition Foreground Environment, for S/370 under VM/370 CMS. Microfiche, 2 cards, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0026

DOCUMENT LIBRARY FACILITY DATA AREAS, LIC PROG 5748-XXE, MICROFICHE LISTINGS  
Microfiche Listing of Document Library Facility Data Areas 5748-XXE Licensed Material. Microfiche, 1 card, 11/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0027

DOCUMENT LIBRARY FACILITY SYMBOLIC NAME CROSS REFERENCE TABLE, LIC PROG 5748-XXE, MICROFICHE LISTINGS  
Microfiche Listing of Document Library Facility Symbolic Name Cross Reference Table 5748-XXE Licensed Material. Microfiche, 1 card, 11/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0028

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, VS1 BACKGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)  
Document Composition Facility microfiche program listings (VS1 Code) of the background environment for 5748-XX9. Microfiche, 5 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0029

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, VS2 BACKGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)  
Document Composition Facility Microfiche program listings (VS2 Code) of the background environment for 5748-XX9. Microfiche, 5 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0030

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DOS BACKGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)  
Document Composition Facility microfiche program listings (DOS Code) of the background environment for 5748-XX9. Microfiche, 5 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0031

DOCUMENT LIBRARY FACILITY PROGRAM LISTINGS (VS1), LIC PROG 5748-XXE, MICROFICHE  
Document Library Facility (VS1) microfiche program listings for 5748-XXE. Microfiche, 12 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0032

DOCUMENT LIBRARY FACILITY PROGRAM LISTINGS (VS2), LIC PROG 5748-XXE, MICROFICHE  
Document Library Facility (VS2) microfiche program listings for 5748-XXE. Microfiche, 13 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0033

DOCUMENT LIBRARY FACILITY PROGRAM LISTINGS (DOS), LIC PROG 5748-XXE, MICROFICHE  
Document Library Facility (DOS) Microfiche program listings for 5748-XXE. Microfiche, 13 cards, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0048

DOCUMENT COMPOSITION FACILITY FOREGROUND ENVIRONMENT (ATMS III/OS) LIC PROG 5748-XX9 REL 2, LISTINGS  
Document Composition Facility microfiche Program Listings of the Foreground Environment for 5748-XX9 Rel 2 (ATMS III/OS). Microfiche, 4 cards, 3/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LJB6-0049

DOCUMENT COMPOSITION FACILITY FOREGROUND ENVIRONMENT (ATMS III/DOS) LIC PROG 5748-XX9 REL 2, LISTINGS  
Document Composition Facility microfiche Program Listings of the Foreground Environment for 5748-XX9 Rel. 2 (ATMS III/DOS).  
Licensed Material - Property of IBM.  
Microfiche, 5 cards, 3/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SJD2-2126

3600 HOST SUPPORT 5741-SC1-24 VS1 LISTING  
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2133

SSS HOST SUPPORT 5741-SC1-SS VS1 LISTING  
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2136

OS/VS1 5741-SC1-26 3650 RETAIL HOST SUPPORT ASSEMBLER PROG. LISTINGS  
Program listings for FE and user of 3650 Retail Host Support.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-2137

SUPERMARKET HOST SUPPORT - BSC  
Contains program listings as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4190

DOS SUBSYSTEM PROGRAM SUPPORT, SCP 5745-SC-SPP PTF LISTINGS  
This PTF is a fix generated by the group having maintenance control of the program component mentioned in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-4191

OS/VS1 SUBSYSTEM PROGRAM SUPPORT PTF LISTINGS SCP COMPONENT 5745-SC-SPP  
This PTF is a fix generated by the group having maintenance control of the program component mentioned in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5370

OS/VS2 RELEASE 03.0 SUBSYSTEM COMMUNICATOR LISTINGS COMPONENT NO. 5752-SC1-DP  
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5390

OS/VS2 RELEASE 03.0 SUBSYS DATA ANAL YEAR LISTINGS COMPONENT NO. 5752-SC1-DS  
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5430

OS/VS2 RELEASE 03.0 3600 HOST SUPPORT LISTINGS - COMPONENT NO. 5752-SC1-24  
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-5450

OS/VS2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO. 5752-SC1-SS  
Contains SCP program listings for OS/VS1 and/or OS/VS2 as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6010

OS/VS2 SU21 LISTINGS, SUID 5752-821  
Listings for the above OS/VS1 and/or OS/VS2 program.  
Microfiche, 21 cards, 12/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6012

OS/VS2 SU25 LISTINGS, SUID 5752-825  
Listings for the above OS/VS1 and/or OS/VS2 program.  
Microfiche, 9 cards, 12/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-6174

OS/VS2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS  
Listings for the above OS/VS1 and/or OS/VS2 program.  
Microfiche, 24 cards, 8/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-7300

3630 HOST SUPPORT (DOS), LIC PROG 5747-CJ1 MANUFACTURING INDUSTRY COMMUNICATIONS SYSTEM, LISTINGS  
Microfiche source code of DOS/VS Modules used in the Host to support a 3630 communications system for Release 2.  
Microfiche, reduced 45x, 26 cards, 3/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SJD2-7312

3630 HOST SUPPORT (OS/VS), LIC PROG 5744-CR1  
MANUFACTURING INDUSTRY COMMUNICATIONS SYSTEM, LISTINGS  
 Microfiche Source Code of OS/VS Modules used in the Host to  
 support a 3630 communications system for Release 2.  
 microfiche, reduced 45x, 26 cards, 3/80  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

Manual, 236 pages, 8/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

GL23-0078

4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5662-263,  
5666-266, GENERAL INFORMATION  
 This book summarizes two IBM program products: the 4700  
 COBOL - OS/VS Host Compiler and Library (5662-263) and the  
 4700 COBOL - DOS/VSE Host Compiler and Library (5666-266).  
 It is written primarily for installation managers to aid in  
 evaluating 4700 COBOL and planning for its use.  
 Manual, 8 1/2 x 11 inches, 18 pages, 6/81  
 ///5666-266,5662-263

LTB0-8070

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XX9, MESSAGES  
RELEASE 1 LISTINGS (LYB0-8070-1)  
 This microfiche is equivalent to LYB0-8070-01.  
 Microfiche, 1 card  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GL23-0079

4700 FINANCE COMMUNICATION SYSTEM, COBOL OS/VS HOST  
 COMPILER AND LIBRARY, LIC PROG 5668-987, SPECIFICATIONS  
 This flyer summarizes the language level and extensions  
 supported by the IBM 4700 Finance Communications System  
 OS/VS COBOL Host Compiler and Library. It also describes  
 the minimum requirements for installation and serves as a  
 warranty for the product. The publication is intended for  
 both customer prospects and IBM marketing personnel.  
 Specifications, 2 pages, 6/82  
 ///5668-987

LTB0-8071

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, MESSAGES  
RELEASE 1 LISTINGS (LYB0-8071-0)  
 This microfiche is equivalent to LYB0-8071-00.  
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LTB6-0016

DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9  
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LTB6-0017

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, FOREGROUND  
ENVIRONMENT (CMS) RELEASE 1 LISTINGS (LJB6-0017-0)  
 This microfiche is equivalent to LJB6-0017-00.  
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 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GL23-0080

4700 FINANCE COMMUNICATION SYSTEM, DOS/VSE COBOL HOST  
 COMPILER AND LIBRARY, LIC PROG 5666-266, SPECIFICATIONS  
 This flyer summarizes the language level and extensions  
 supported by the IBM 4700 Finance Communications System  
 DOS/VSE COBOL Host Compiler and Library. It also describes  
 the minimum requirements for installation and serves as a  
 warranty for the product. The publication is intended for  
 both customer prospects and IBM marketing personnel.  
 Specifications, 2 pages, 6/82  
 ///5666-266

LTB6-0018

DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9  
BACKGROUND ENVIRONMENT (TSO) (LJB6-0018-0)  
 This publication is equivalent to LJB6-0018-00.  
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LTB6-0022

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DATA AREAS  
RELEASE 1 LISTINGS (LJB6-0022-0)  
 This microfiche is equivalent to LJB6-0022-00.  
 Microfiche, 1 card  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

GL23-0081

4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5666-266,  
5668-987, LANGUAGE REFERENCE  
 This manual is for COBOL programmers to use as a reference  
 in writing COBOL program for compilation under the IBM 4700  
 Host Compiler and subsequent execution on a 4700 controller.  
 It gives in detail the specifications for the COBOL  
 statements supported by the compiler. The manual is  
 designed for reference only and not as a tutorial for a  
 novice in the COBOL language. It should be used in  
 conjunction with the IBM 4700 Finance Communication System  
 COBOL Programmer's Guide, order number SL23-0082.  
 Manual  
 ///5666-266,5668-987

LTB6-0023

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SYMBOLIC  
NAME CROSS REFERENCE TABLE RELEASE 1 LISTINGS (LJB6-0023-0)  
 This microfiche is equivalent to LJB6-0023-00.  
 Microfiche, 12 cards  
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LTB6-0026

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, DATA AREAS  
RELEASE 1 LISTINGS (LJB6-0026-0)  
 This microfiche is equivalent to LJB6-0026-00.  
 Microfiche, 1 card  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SL23-0082

4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5666-266,  
5668-987, PROGRAMMER'S GUIDE  
 This guide is intended for individuals experienced and  
 trained in the COBOL language. The information provided  
 together with that in the IBM 4700 COBOL Language Reference  
 Manual order number GL23-0081 should permit the reader to  
 write and compile COBOL programs on a host system, and  
 subsequently transmit them to a 4700 controller for  
 execution. Topics covered include: compile options,  
 improving program performance, run-time error messages,  
 COBOL data communications, input-output implementation, and  
 other 4700 related information. Examples included.  
 Manual  
 ///5668-987,5666-266

LTB6-0027

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, SYMBOLIC NAME  
CROSS REFERENCE TABLE RELEASE 1 LISTINGS (LJB6-0027-0)  
 This microfiche is equivalent to LJB6-0027-00.  
 Microfiche, 4 cards  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LTB6-0028

DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9  
BACKGROUND ENVIRONMENT (VS1) (LJB6-0028-0)  
 This publication is equivalent to LJB6-0028-00.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SL23-0083

4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5666-266,  
5668-987, PROBLEM DIAGNOSTIC AND REFERENCE  
 This manual is for IBM service representatives and  
 experienced programmers for use in identifying and isolating  
 problems in the IBM 4700 COBOL Host Compiler and in user  
 programs written in the 4700 COBOL language. It also  
 provides information on the appropriate action to take once  
 a problem has been isolated.  
 Manual  
 ///5666-266,5668-987

LTB6-0029

DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9  
BACKGROUND ENVIRONMENT (VS2) (LJB6-0029-0)  
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 Microfiche  
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LTB6-0030

DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9  
BACKGROUND ENVIRONMENT (DOS) (LJB6-0030-0)  
 This publication is equivalent to LJB6-0030-00.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SR20-4576

3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION BASIC  
OPERATOR TRAINING OFFLINE OPERATOR SELF-STUDY TEXT  
 This text consists of a series of exercises designed to  
 train the beginning operator (a person with basic typing  
 skills and the ability to understand the concepts of a  
 terminal) in the basic functions of the key entry system  
 station. These basics should enable the student to learn  
 specific applications of the station. Full time use of one  
 key entry station is required to perform the exercise. Even  
 though students should be able to proceed through the  
 exercise at their own pace with little or no assistance an  
 advisor should be available to the students to answer  
 questions and provide assistance.

LTB6-0031

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE,  
PROGRAM LISTING (VS1) RELEASE 1 LISTINGS (LJB6-0031-0)  
 This microfiche is equivalent to LJB6-0031-00.  
 Microfiche, 20 cards  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

- LTB6-0032  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE,  
PROGRAM LISTING (VS2) RELEASE 1 LISTINGS (LJB6-0033-0)  
This microfiche is equivalent to LJB6-0032-00.  
Microfiche, 21 cards  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LTB6-0033  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROGRAM  
LISTINGS (DOS) RELEASE 1 LISTINGS (LJB6-0033-0)  
This microfiche is equivalent to LJB6-0033-00.  
Microfiche, 20 cards  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- ST00-0588  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, GMI QUICK  
REFERENCE SUMMARY RELEASE 1 (SX26-3719-0)  
This publication is equivalent to SX26-3719-00.  
Reference card, 3 5/8 x 8 1/2 inches, 8 panels, 6/78  
////7799-TCD
- ST00-0589  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SCRIPT/VIS  
USER'S QUICK REFERENCE RELEASE 1 (SX26-3723-0)  
This publication is equivalent to SX26-3723-01.  
Reference card, 3 5/8 x 8 1/2 inches, 16 panels, 6/78  
////7799-TCD
- G100-0608  
PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, 5748-XXA  
RELEASE 2.2, REFERENCE (GX20-4305-1)  
This publication is equivalent to GX20-4305-01.  
Reference summary  
////7799-TFP
- GT30-3022  
SYSTEM/370 SUBSYSTEM SUPPORT SERVICES USER'S GUIDE,  
(GC30-3022-1)  
This publication is equivalent to GC30-3022-01.  
Manual, 8 1/2 x 11 inches, 232 pgs, 8/74  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GT30-3024  
IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT, APPLICATION  
PROGRAMMER'S GUIDE, SCP 5747-BJ2 & 5744-BQ2 (GC30-3024-0)  
This publication is equivalent to GC30-3024-00.  
Manual, 8 1/2 x 11 inches, 144 pgs, 5/74  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GT30-3025  
3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM PROGRAMMER'S  
GUIDE, SCP 5744-BR2, 5747-BK2 (GC30-3025-1)  
This publication is equivalent to GC30-3025-01.  
Manual, 8 1/2 x 11 inches, 204 pgs, 6/75  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GT33-0100  
GRAPHICAL DATA DISPLAY MANAGER (GDDM) AND PRESENTATION  
GRAPHICS FEATURE (PGF) GENERAL INFORMATION, LIC PROG  
5748-XXH, RELEASE 1 (GC33-0100-0)  
This publication is equivalent to GC33-0100-00.  
Manual, 8 1/2 x 11 inches, 48 pages, 9/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST33-0101  
GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, LIC PROG 5748-XXH,  
USERS GUIDE (SC33-0101-0)  
This publication is equivalent to SC33-0101-00.  
Manual, 8 1/2 x 11 inches, 394 pages, 5/80  
////7799-TAG
- ST33-0102  
GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, PRESENTATION  
GRAPHICS FEATURE, LIC PROG 5748-XXH, USERS GUIDE  
(SC33-0102-0)  
This publication is equivalent to SC33-0102-00.  
Manual, 8 1/2 x 11 inches, 336 pages, 6/80  
////7799-TAG
- LT33-0103  
GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH RELEASE 1,  
DIAGNOSIS GUIDE AND REFERENCE MANUAL (LC33-0103-0)  
This publication is equivalent to LC33-0103-00.  
Manual, 8 1/2 x 11 inches, 510 pages, 6/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LT33-0104  
GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, PRESENTATION  
GRAPHICS FEATURE, LIC PROG 5748-XXH DIAGNOSIS GUIDE  
AND REFERENCE (LC33-0104-0)  
This publication is equivalent to LC33-0104-00.  
Manual, 8 1/2 x 11 inches, 210 pages, 5/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- ST33-0111  
GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, PRESENTATION  
GRAPHICS FEATURE INTERACTIVE CHART UTILITY:  
INTRODUCTORY COURSE, LIC PROG 5748-XXH (SC33-0111-0)  
This publication is equivalent to SC33-0111-00.  
Manual, 8 1/2 x 11 inches, 92 pages, 9/80
- ST39-1123  
PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, RELEASE 2.2  
PROGRAM REFERENCE (SH19-1123-4)  
This publication is equivalent to SH19-1123-02.  
Manual  
////7799-TFP
- ST39-1124  
SYSTEM/370 PLANNING, CONTROL, AND DECISION EVALUATIONS  
SYSTEM/INTERACTIVE (PLANCODE/I), LIC PROG 5740-XX8,  
OS/VIS OPERATIONS GUIDE (SH19-1124-2)  
This publication is equivalent to SH19-1124-02.  
Manual, 8 1/2 x 11 inches, 72 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST40-1896  
INTERACTIVE INSTRUCTIONAL SYSTEM RELEASE 6 LIC PROG 5748-XX6  
ADMINISTRATOR'S GUIDE (SH20-1896-1)  
This publication is equivalent to SH20-1896-01.  
Manual  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST40-1897  
INTERACTIVE INSTRUCTIONAL SYSTEM RELEASE 6 LIC PROG 5748-XX6  
AUTHOR'S GUIDE (SH20-1897-2)  
This publication is equivalent to SH20-1897-02.  
Manual  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GT40-4505  
SYSTEM/370 PLANNING, CONTROL AND DECISION EVALUATION  
SYSTEM/INTERACTIVE (PLANCODE/I) RELEASE 2.1  
LIC PROG 5740-XX8, 5746-XX9, (GH20-4505-2)  
This publication is equivalent to GH20-4505-02.  
Flyer, 8 1/2 x 11 inches, 2 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GT40-4535  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6,  
RELEASE 5.1, SPECIFICATIONS (GH20-4535-4)  
This publication is equivalent to GH20-4535-04.  
Flyer, 8 1/2 x 11 inches, 4 pages, 07/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GT40-9159  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9,  
SPECIFICATIONS RELEASE 1 (GH20-9159-1)  
This manual is equivalent to GH20-9159-01.  
Manual, 8 1/2 x 11 inches, 2 pages, 10/78  
////7799-TCD
- ST40-9161  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9,  
USER'S GUIDE RELEASE 1  
This manual is equivalent to SH20-9161-00.  
Manual, 8 1/2 x 11 inches, 392 pages, 8/79  
////7799-TCD
- GT40-9164  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, SPECIFICATIONS  
RELEASE 1 (GH20-9164-0)  
This manual is equivalent to GH20-9164-00.  
Manual, 8 1/2 x 11 inches, 2 pages, 10/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- ST40-9165  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, RELEASE 1  
(SH20-9165-0)  
This manual is equivalent to SH20-9165-01.  
Manual, 8 1/2 x 11 inches, 128 pages, 5/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- LT60-8067  
DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DIAGNOSTIC  
PROCEDURES AND LOGIC OVERVIEW RELEASE 1 (LY20-8067-1)  
This manual is equivalent to LY20-8067-01.  
Manual, 8 1/2 x 11 inches, 72 pages, 8/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY
- LT60-8068  
DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, DIAGNOSTIC  
PROCEDURES AND LOGIC OVERVIEW RELEASE 1 (LY20-8068-0)  
This manual is equivalent to LY20-8068-00.  
Manual, 8 1/2 x 11 inches, 60 pages, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

ST70-3019

IBM 3660 SUPERMARKET SYSTEMS:  
SCANNING SYSTEM HOST PROGRAM LOGIC PROG NO 5747-BK1  
 This manual is equivalent to SY30-3019-0  
 Manual, 60 pages  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

notes and a keyboard summary chart are included.  
 Information is extracted from the student/Monitor User's  
 Guide, SH20-1010.  
 Reference Card  
 ////5736-E11,5734-E13

GX11-5000

S/370 PLANNING, CONTROL AND DECISION EVALUATION SYSTEMS  
PROG PROD 5740-XX9 (OS/VS), 5746-XXA (DOS/VS) PLANCODE/S  
 The PLANCODE/S reference card contains the formats of the  
 various PLANCODE statements and summaries of their  
 functions, indicating required and optional parameters.  
 It is intended for analysts and programmers as well as  
 for application project leaders.  
 Summary, 14 pages, 6/76  
 ////5740-XX9,5746-XXA

GX20-1833

COURSEWRITER III VERSION 3 AUTHOR'S REFERENCE CARD  
PROGRAM NUMBERS 5736-E11 (DOS) 5734-E13 (OS)  
 This reference card contains information to readily assist  
 to user of Coursewriter III Version 3. Notes, author  
 commands, and keyboard summary chart are included. The  
 information is extracted from Coursewriter III Version 3  
 Author's Guide, SH20-1009.  
 Reference Card  
 ////5736-E11,5734-E13

GX11-5001

PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, REFERENCE CARD  
(CURRENT RELEASE)  
 The Reference Card is intended as a guide source of  
 reference for users of the PLANCODE/I Program Product.  
 An overall knowledge of PLANCODE/I is a prerequisite for  
 the use of the card.  
 Reference Card, 21 x 8.5 cm, 20 panels, 9/77  
 ////5740-XX8,5746-XX9

GX20-1834

COURSEWRITER III, VERSION 3 STUDENT REFERENCE CARD  
OPERATING HINTS - PROGRAM NUMBER 5736-E11 (DOS)  
5734-E13 (OS)  
 This reference card contains information to readily assist  
 the user of Coursewriter III Version 3. Operating hints,  
 student commands and keyboard summary is included.  
 Information is extracted from the Student Monitor User's  
 Guide, SH20-1010.  
 Reference Card  
 ////5736-E11,5734-E13

GX11-5002

SYSTEM/370 DOS/VS CONTINUOUS PROCESS PLANT SCHEDULING  
SYSTEM REFERENCE CARD, PRPQ 7S0150 PROG 5799-ANJ  
 This Reference Card combines CPPS Statements, CPPS  
 Variables, Generator Input Data, CPPS Interrupt Codes, and  
 Initiator Cards for the S/370 DOS/VS Continuous Process Plan  
 Scheduling System.  
 Reference card, 9 x 21 cm, 12 pgs, 9/77  
 ////5799-ANJ

GX20-1835

COURSEWRITER III, VERSION 3, SUPERVISOR'S REFERENCE CARD  
PROGRAM NUMBERS 5736-E11 (DOS) 5734-E13 (OS)  
 This reference card contains information to readily assist  
 the user of Coursewriter III, Version 3. Notes, commands  
 and arguments are listed. This information is extracted  
 from the Supervisor's Guide, SH20-1011.  
 Reference Card  
 ////5736-E11,5734-E13

GX11-6005

3790 SNA USERS REFERENCE CARD  
 This reference card explains, using simple diagrams the  
 logical organization and relationships of the various  
 elements used in the implementation of the IBM 3790  
 Communication System, namely:  
 - VTAM - NCP - 3790  
 - PVS (Program Validation Services)  
 - SSS (Subsystem Support Services)  
 - BDE (Batch Data Exchange)  
 - The related access methods: VTAM and RTAM  
 - The 3790 utility functions  
 - RJE (Remote job Entry)  
 It provides technical guidelines for users, as a  
 reference and educational aid. For detailed information,  
 please refer to the manuals listed in the respective  
 bibliography. These manuals are the proper reference source  
 and will be the first to reflect changes.  
 Reference card, 22 x 8 1/2 cm, 22 pgs, 5/77  
 //30/3790,3791/

GX20-1879

INTERACTIVE TRAINING SYSTEM TEST QUESTION WORKSHEET FORM 6  
PAD - PROGRAM NUMBER 5734-XXC  
 Text questions worksheet (form 6) for use with the  
 cross industry program product 5734-XXC.  
 Padded form, 11 x 16-1/2 inches, 50 sheets per pad  
 NOT AVAILABLE UNDER SLSS

GX11-6008

SERVICE LEVEL REPORTER (SLR) DP ACCOUNTING IMS/VS (DPA)  
CHANGE MANAGEMENT/TRACKING (CM/T) AND OPERATIONS PLANNING  
AND CONTROL-ENTRY (OPC-ENTRY) PROG PROD 5740-XT7,  
5740-DC1, -DC2, -DC3, -DC4, REFERENCE CARD  
 Provides a summary of the commands and syntax used to  
 interface to the Installation Management Program Products.  
 The information is summarized from the following manuals:  
 Change Management/Tracking (CM/T), DP Accounting for IMS/VS  
 (DPA), Service Level Reporter Program Reference Manual,  
 SH19-6029-0, Operations Planning and Control-Entry  
 (OPC-Entry), SH19-6031-0. The above manuals are to be  
 regarded as the authoritative sources.  
 Reference card, 21.5 x 9.7 cm, 8 pgs, 8/77  
 ////5740-XT7,5740-DC3,5740-DC2,5740-DC1,5740-DC4

GX20-1880

INTERACTIVE TRAINING SYSTEM TEXT WORKSHEET FORM 5 PAD  
PROGRAM NUMBER 5734-XXC  
 Text worksheet (form 5) for use with Prog. Prod. 5734-XXC.  
 Padded form, 11 x 16-1/2 inches, 50 sheets per pad  
 NOT AVAILABLE UNDER SLSS

GX20-1881

INTERACTIVE TRAINING SYSTEM MATCHING QUESTION WORKSHEET  
FORM 4 - PAD - PROGRAM NUMBER 5734-XXC  
 Matching question worksheet (form 4) for use with  
 Prog. Prod. 5734-XXC.  
 Padded form, 11 x 16-1/2 inches, 50 sheets per pad  
 NOT AVAILABLE UNDER SLSS

GX20-1882

INTERACTIVE TRAINING SYSTEM MULTIPLE ANSWER FORM 3 - PAD  
MULTIPLE - ANSWER WORKSHEET (FORM 3) FOR USE WITH  
PROG. PROD. 5734-XXC.  
 Padded form, 11 x 16-1/2 inches, 50 sheets per pad  
 NOT AVAILABLE UNDER SLSS

GX20-1883

INTERACTIVE TRAINING SYSTEM, LIC PROG 5734-XXC, TRUE OR  
FALSE WORKSHEET FORM  
 True-False worksheet (form 2) for use with Prog. Prod.  
 5734-XXC.  
 Padded Form, 11 x 16-1/2 inches, 50 sheets per pad  
 NOT AVAILABLE UNDER SLSS

GX20-1828

GENERAL PURPOSE SIMULATION SYSTEM V REFERENCE SUMMARY: BLOCK  
STATEMENT FORMATS, LIC PROG 5734-XS2 (OS), 5736-XS3 (DOS)  
 This reference card defines the block statement formats of  
 GPSS V.  
 Program Product Reference Card  
 ////5734-XS2,5736-XS3

GX20-1884

INTERACTIVE TRAINING SYSTEM QUESTION WORKSHEET FORM 1 - PAD  
PROGRAM NUMBER 5734-XXC  
 Question worksheet (form 1) for use with  
 Prog. Prod. 5734-XXC.  
 Padded form, 11 x 16-1/2 inches, 50 sheets per pad  
 NOT AVAILABLE UNDER SLSS

GX20-1829

GENERAL PURPOSE SIMULATION SYSTEM V REFERENCE SUMMARY: CON-  
TROL STATEMENT FORMATS, STANDARD NUMERICAL ATTRIBUTES, AND  
SYSTEM OPTIONS, LIC PROG 5734-XS2 (OS), 5736-XS3 (DOS)  
 This reference card contains information to readily assist  
 the GPSS V user. Charts showing control standard format,  
 standard numerical attributes and system options are  
 included.  
 Reference Card  
 ////5734-XS2,5736-XS3

GX20-1885

INTERACTIVE TRAINING SYSTEM SESSION INTRODUCTION WORKSHEET  
 This sheet contains 80 columns and 24 lines laid out to  
 describe session introductory information by session number.  
 Pad of 50 forms, 11 by 16-1/2 inches  
 NOT AVAILABLE UNDER SLSS

GX20-1832

COURSEWRITER III VERSION 3 MONITOR REFERENCE CARD PROGRAM  
NUMBERS 5736-E11 (DOS) 5734-E13 (OS)  
 This reference card contains information to readily assist  
 the user of coursewriter III Version 3. Monitor command

GX20-1942

INTERACTIVE TRAINING SYSTEM FRAMEWORK - WORKSHEET  
 This worksheet is used in conjunction with the Expanded  
 Course Structuring Feature to create course material for



the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS

////5740-XXV,5746-XXG

- GX20-1943  
INTERACTIVE TRAINING SYSTEM COMMON MESSAGE TO GO TO WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1944  
INTERACTIVE TRAINING SYSTEM GLOSSARY DEFINITION WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1945  
INTERACTIVE TRAINING SYSTEM TEXT DISPLAY WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1946  
INTERACTIVE TRAINING SYSTEM QUESTION WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1947  
INTERACTIVE TRAINING SYSTEM MATCHING QUESTION WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1948  
INTERACTIVE TRAINING SYSTEM TRUE-FALSE QUESTION WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1949  
INTERACTIVE TRAINING SYSTEM FIELD ANALYSIS WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1950  
INTERACTIVE TRAINING SYSTEM SCREEN SUMMARY WORKSHEET  
This worksheet is used in conjunction with the Expanded Course Structuring Feature to create course material for the Interactive Training System.  
Flyer  
NOT AVAILABLE UNDER SLSS
- GX20-1960  
ADVANCED TEXT MANAGEMENT SYSTEM (5740-XX3) QUICK REFERENCE CARD  
This reference card contains extracts from the ATMS Terminal Operations Guide (SH20-1476-1.)  
Information about commands, controls, formatting, Learn, and 3270 Program Function Key Commands are listed in an easily accessible way.  
The card is for use by ATMS terminal operators as a reference aid.  
Reference card, 3 x 8 inches  
////5740-XX3,5746-XX4
- SX20-1973  
3277 KEYBOARD TEMPLATE FOR USE WITH ATMS AND STAIRS/VS  
This plastic template fits over the 3277 program function keys and indicates the ATMS and STAIRS/VS functions that will result by pressing the corresponding keys.  
Template  
///3275,3276,3277,3278/5740-XXV,5746-XXG,5740-XR1,5746-XX4,5740-XX3,5746-XR4
- GX20-1984  
ADVANCED TEXT MANAGEMENT SYSTEM-II REFERENCE CARD, PROG PROD 5740-XXV, 5746-XXG  
Quick Reference Card  
8 panel card, 10/76
- GX20-1985  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, FRAMEWORK WORKSHEET  
This form is to be used by course authors to create the framework for various session and quiz options in a specific course.  
Padded Form, 50 sheets per pad, 16 1/2 x 11 inches, 8/77
- GX20-1986  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, COMMON MESSAGE WORKSHEET  
This form is to be used by course authors to create CSFEND messages (four per form, Nos. 001-999) within the course structure.  
Padded Form, 50 sheets per pad, 16 1/2 x 11 inches, 8/77
- GX20-1987  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, GLOSSARY DEFINITION WORKSHEET  
This form is used by course authors to create a glossary with definitions for use within a course. Maximum line length = 79 characters.  
Padded Form, 50 sheets per pad, 16 1/2 x 11 inches, 8/77
- GX20-1988  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, TEXT DISPLAY WORKSHEET  
This form is used by course authors to create text for a specific course to be displayed at the student's terminal. Maximum line length = 79 characters.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-1989  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, QUESTION WORKSHEET  
This form is to be used by course authors to create the framework and text for questions and responses to student answers during a course.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-1990  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, MATCHING QUESTION WORKSHEET  
This form is to be used by course authors to create criteria for student answers to questions presented during a course.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-1991  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, TRUE/FALSE QUESTION WORKSHEET  
This form is to be used by course authors to create true-false quizzes with responses to correct and incorrect answers by the student during a course.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-1992  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, FIELD ANALYSIS WORKSHEET  
This form is to be used by course authors to determine when quiz answers are to be considered correct.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-1993  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, SCREEN SUMMARY WORKSHEET  
This form is to be used by course authors to determine if a summary of student responses meet course criteria, and to determine resultant course direction.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-2001  
APL REFERENCE GUIDE  
No abstract available.  
Reference card  
////5796-PHW
- GX20-2002  
APL GPSS FOR APLSV (5796-PJF) APL GPSS FOR VS APL (5796-PJG) REFERENCE CARD BLOCK/ENTITY STATEMENT FORMATS  
Contains statement formats of APL GPSS for VS APL and APLSV for programmers.  
Reference card, 8 1/2 x 3 3/4 inches, 12 panels, 2/77  
////5796-PJF,5796-PJG
- GX20-2010  
INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, "GO TO" WORKSHEET  
This form is to be used by course authors to create logically sequenced entries for author responses.  
Padded Form, 16 1/2 x 11 inches, 50 sheets per pad, 8/77
- GX20-2011  
APL DATA INTERFACE REFERENCE CARD, IUP 5796-PKA, -PKB, -PKC  
The APL Data Interface is an inquiry system which provides easy access to on-line files, together with a set of functions to manipulate the data extracted from these files. It is particularly effective at handling complex inquiries involving large data bases. While the APL Data Interface program is written in APL, the user is not required to know the language.  
For those users who do have a knowledge of APL, the output from the APL Data Interface can be stored in an APL workspace and thus becomes available for standard APL processing. In this mode of operation, the simplified file inquiry techniques of the Data Interface are linked to the full power of APL.  
The APL Data Interface requires specially organized files for its operation. Normally these files will already be on-line at the APL site, but the user may prepare his own files using programs supplied.  
Reference card, 8 1/2 x 3 3/4 inches, 8 pgs, 8/77  
////5796-PKA,5796-PKC,5796-PKB

- GX20-2012  
DMS/3790 LAYOUT FORM  
Layout form for DMS/3790.  
Pad of 50 forms, 11 x 17 inches, 1/78
- GX20-2013  
DMS/3790 MANAGEMENT AND ERROR MESSAGE FORM  
Assignment and error message form for DMS/3790.  
Pad of 50 forms, 8 1/2 x 13 1/2 inches, 1/78
- GX20-2014  
DMS/3790 FIELD PROCESSING FORM  
Field processing form for DMS/3790.  
Pad of 50 forms, 8 1/2 x 13 1/2 inches, 1/78
- GX20-2015  
DMS/3790 BUFFER/RECORD DESCRIPTION FORM  
Buffer Record Description form used for DMS/3790.  
Pad of 50 forms, 8 1/2 x 13 1/2 inches, 1/78
- GX20-2021  
APL ADVANCED STATISTICAL LIBRARY REFERENCE SUMMARY  
IUP 5796-PJR, -PJT  
This document is a quick reference card for the APL Advanced Statistical Library for APLSV (5796-PJR) and for VSAPL (5796-PJT). Installed User Programs consist of 10 APC workspaces containing topics selected from the field of multivariate analysis, time series analysis and non-parametric analysis. The APL Advanced Statistical Library complements the APL Statistical Library IUPs (5796-PGQ and 5796-PHW); together they constitute a complete statistical library offering for the APL user.  
Reference Card, 3 5/8 x 8 5/8 inches, 10 panels, 1/78  
///5796-PJR,5796-PJT
- SX20-2023  
DMS/3790 TEMPLATE  
Program function key template for DMS/3790.  
Plastic template, 2 14/16 x 7 5/6 inches, 1/78  
///5748-XC2
- GX20-2034  
DISTRIBUTED SYSTEMS EXECUTIVE RELEASE 2, LIC PROG 5748-XXG  
REFERENCE SUMMARY  
This summary is intended for users of the IBM Distributed Systems Executive (DSX), Program No. 5748-XXG, Release 2. It supersedes the first edition, which was in card form. Information presented here is excerpted from the Distributed Systems Executive (DSX) Program Reference and Operations Manual (PROM), SH20-2025-1.  
booklet, 3 11/16 x 8 1/2 inches, 30 pages, 11/79  
///5748-XXG
- SX20-2035  
PLANCODE/I, LIC PROG. 5746-XX9, -XXA, TEMPLATE (CURRENT RELEASE)  
Outboard Plancode program function key template for 3276/3278 keyboards.  
Plastic template, 3 1/4 x 5 inches, 7/79  
///5740-XX8,5746-XX9,5746-XXA,5740-XX9
- SX20-2036  
ATMS/STAIRS TEMPLATE STRIP  
Template insert strip (inserted into plastic holder GX20-2043) which describes program function keys for ATMS/STAIRS for 3276/3278 keyboards.  
Paper template, 17 x 2 inches, 7/79
- Sx20-2037  
ATMS/STAIRS OUTBOARD TEMPLATE  
Outboard ATMS/STAIRS program function key template for 3276/3278 keyboards.  
Plastic template, 3 1/4 x 5 inches, 7/79
- SX20-2044  
PLANCODE TEMPLATE STRIP  
Template insert strip (inserted into plastic holder GX20-2043) which describes program function keys for Plancode for 3278/3276 keyboards.  
Paper, 17 x 2 inches, 7/79
- GX20-2260  
PSG II/VS DATA CODING FORM, PROG PROD 5746-XT1, 5748-XT2  
Contains coding format instructions for users of PSGII/VS.  
Form, 2 sides, 25 per pad  
Not available under SLSS
- GX20-2325  
EPIC: FAST - GROUP NAME SHEET - PROG PROD 5735-E92  
Provides input to the Epic: Fast Program Product.  
Padded form, 25 pgs, 6/77
- GX20-2326  
EPIC:FAST, GROUP HEADER SHEET, LIC PROG 5735-E92  
Provides input to the EPIC: fast program product.  
Pad of 25 1-page forms, 6/77
- GX20-2327  
TELEPROCESSING NETWORK SIMULATOR RELEASE 5.0, LIC PROG 5740-XT4, REFERENCE SUMMARY  
This manual contains a summary of basic information on the functions, installation, and operation of Teleprocessing Network Simulator. This document is designed to provide a quick reference to be used during installation and execution of Teleprocessing Network Simulator. This manual is
- designed to be a supplement to the Teleprocessing Network Simulator manuals described in the Preface and not a replacement for them.  
Manual, 6 13/16 x 3 13/16 inches, 173 pages, 10/79  
///5740-XT4
- SX20-2330  
3250 PROGRAM FUNCTION KEYBOARD TEMPLATE  
This is a plastic template for use with the 3250 keyboard.  
Plastic template, 7 1/4 x 8 1/4 inches  
///3250,3258/5796-ATA,5796-ATB
- GX20-2331  
STAIRS/VS TRAINING, IUP 5796-PLF, STUDENT REFERENCE CARD  
No abstract available.  
Reference card, 3 1/2 x 8 1/2 inches, 6 panels, 2/79  
///5796-PLF
- GX20-2332  
DOCUMENT COMPOSITION FACILITY RELEASE 2, DOCUMENT LIBRARY FACILITY RELEASE 2, LIC PROG 5748-XX9, -XXE, EXECUTIVE OVERVIEW & PRODUCT SUMMARY (CURRENT RELEASE)  
LIC PROG 5748-XX9, -XXE, EXECUTIVE OVERVIEW AND PRODUCT SUMMARY  
This card provides a brief introduction to the Document Composition Facility and Document Library Facility program products. Several color graphics are used to complement the narrative. It contains a discussion of the value of automated document processing and highlights the use of these products in this application area. It illustrates how these products fit into the operating environments of CMS, TSO, VSPC, CICS, IMS and standalone word processors, and how they relate to other IBM products in these environments.  
Reference card, 10 panels, 10/78  
///5748-XXE,5748-XX9
- GX20-2335  
CONTINUOUS SYSTEM MODELLING PROGRAM FOR VSAPL (APL-CSMP)  
FDP 5784-KAE, QUICK REFERENCE GUIDE  
No abstract available.  
Reference card, 3 1/2 x 8 1/2 inches, 10 panels, 8/79  
///5785-KAE
- GX20-2349  
3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM - OPERATOR'S REFERENCE CARD  
This document contains Immediate Commands and Text Commands and is for use by the 3730 operator.  
Reference card, 2 1/2 x 8 1/2 inches, 2 sides, 8/79  
//09/3730,3732/
- GX20-2354  
ATMS III QUICK REFERENCE CARD  
This card is a quick reference containing information extracted from the ATMS-III Terminal Operator's Guide, SH20-2425.  
Reference card, 3 1/2 x 8 1/2 inches, 8 panels, 3/80  
///5746-XXU,5740-XYL
- GX20-2360  
3730 FUNCTIONAL ABBREVIATION LIST  
The card lists program names, program numbers, calling words, and abbreviations for the 3730 Distributed Office Communication System.  
Reference card  
//09/3730,3732/
- GX20-2367  
INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, GO TO WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2368  
INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, GLOSSARY DEFINITION WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2369  
INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, SCREEN SUMMARY WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2370  
INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, FIELD ANALYSIS WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2371  
INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, FRAMEWORK WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2372  
INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, ADJUNCT QUESTION WORKSHEET  
Worksheet for the program indicated in the title.

- Padded form, 16 x 11 inches, U/M 50, 10/80  
GX20-2373  
INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, MATCHING QUESTION WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2374  
INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, COMMON MESSAGE WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2375  
INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, QUESTION WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2376  
INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, TRUE-FALSE QUESTION WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2377  
INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, TEXT DISPLAY WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2378  
INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, PRESENTATION WORKSHEET  
Worksheet for the program indicated in the title.  
Padded form, 16 x 11 inches, U/M 50, 10/80
- GX20-2379  
DMS/DPCX/DPPX, LIC PROG 5760-XC2, 5748-XC4, REFERENCE CARD  
This reference card contains application development instructions and has been extracted from SH20-2420 and SH20-2530.  
Reference card, 1 card, 11/80  
///5760-XC2,5748-XC4
- GX20-2390  
TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, REFERENCE SUMMARY  
This manual contains a summary of basic information on the functions, installation, and operation of Teleprocessing Network Simulator. This document is designed to provide a quick reference to be used during installation and execution of Teleprocessing Network Simulator. This manual is designed to be a supplement to the Teleprocessing Network Simulator manuals described in the "Preface" and not a replacement for them.  
Manual, 240 pages, 6/81  
///5662-262
- SX20-2396  
PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033, QUICK GUIDE  
This card contains a brief introductory and reference information for using the Professional Office System (PROFS) on a full-screen type terminal.  
Reference card, 16 panels, 4/82  
///5799-BEX
- SX20-2403  
PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, LINE-MODE USER'S QUICK REFERENCE  
This is a reference card for people using the Professional Office System (PROFS) on line-mode terminals. Information in this card is extracted from the IBM Publication, IBM Professional Office System: Command Reference Guide for Line-Mode Support, SH20-5504-01.  
Reference card, 8 panels, 7/82  
///5799-BEX
- GX20-4305  
PLANCODE/I, LIC PROG 5746-XX9, -XXA, REFERENCE (CURRENT RELEASE)  
This folder contains reference information about the following PLANCODE program products that are available from IBM under license agreement:  
PLANCODE/I (OS/VS) 5740-XX8  
PLANCODE/I (DOS/VS) 5746-XX9  
PLANCODE/S (OS/VS) 5740-XX9  
PLANCODE/S (DOS/VS) 5746-XXA  
After a brief description of PLANCODE, the folder contains four tables that provide information on program functions and features, operating environment, documentation, and other IBM programs currently available for PLANCODE users. The prices stated are for informational purposes only and are subject to change. Applicable taxes are not shown.  
Reference summary, 3 5/8 x 8 1/2 inches, 7 panels, 7/78  
///5740-XX8,5746-XXA,5746-XX9,5740-XX9
- SX20-4403  
ATMS III TABBED SEPARATORS  
This set of ten tabbed separators is for use with the ATMS-III Terminal Operator's Exercise/Reference Guide, SH20-2426.  
Tabbed separators, 10 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX20-4405  
3279 PF KEY TEMPLATE FOR ADRS II  
Program function template for 3279 for ADRS II.  
Acetate template, 4 x 6 1/2 inches, 4/81  
///3279/5796-PLN
- GX23-0205  
IBM 3790 COMMUNICATION SYSTEM LIBRARY REFERENCE SUMMARY  
Enables an IBM 3790 Communication System Installation to determine which general programming system and operating publications are applicable for the installation. Applicable publications are matched by configuration support, EC number, and independent release number.  
Reference card, fanfold, 16 panels, 9/79  
//00/3790,3791/5747-BQ1,5744-BZ3
- GX24-3700  
3630 PLANT COMMUNICATION SYSTEM TABBED INSERTS FOR OPERATING GUIDES  
These tabbed dividers are for use with 3630 operating guides  
Tabbed separators, 8 1/2 x 11 inches, 8 pages  
SLSS: ORDER NO. SUBSCRIPTION ONLY
- GX24-3702  
IBM 3604 PROBLEM REPORT FORM  
For use by customers in reporting problems with the 3604 Control Station operation.  
Form  
SLSS - ORDER NO. SUBSCRIPTION ONLY
- GX24-3703  
IBM 3641 REPORTING TERMINAL, PROBLEM REPORT  
These forms are for use by the customer to record IBM 3641 Reporting Terminal failure indications and other information that is useful to the service representative.  
Pad of 25 forms, 6/78  
//09/3641/
- GX24-3704  
IBM 3642 ENCODER PRINTER, PROBLEM REPORT  
These forms are for use by the customer to record IBM 3642 Encoder Printer failure indications and other information that is useful to the service representative.  
Pad of 25 forms, 6/78  
//03/3642/
- GX24-3705  
IBM 3643 KEYBOARD DISPLAY, PROBLEM REPORT  
These forms are for use by the customer to record IBM 3643 Keyboard Display failure indications and other information that is useful to the service representative.  
Pad of 25 forms, 6/78  
//09/3643/
- GX24-3706  
IBM 3644 AUTOMATIC DATA UNIT, PROBLEM REPORT FORM  
These forms are for use by the 3630 Plant Communication System customer to record IBM 3644 Automatic Data Unit Failure indications and other information that is useful to the service representative.  
Pad of 25 forms, 6/78  
//09/3644/
- GX24-3707  
3645 PRINTER PROBLEM REPORT  
This form provides a medium for reporting problems on the IBM 3645 Printer to the appropriate service representative. Corequisite publication is the IBM 3645 Printer Operating Guide, GA24-3711  
Form, 8 1/2 x 11 inches, 25 sheets per pad, 2/79  
//03/3645/
- GX24-3708  
IBM 3646 SCANNER CONTROL UNIT, PROBLEM REPORT  
These forms are for use by the customer to record IBM 3646 Scanner Control Unit failure indications and other information that is useful to the service representative.  
Pad of 25 forms, 6/78  
//09/3646/
- SX24-3717  
3630 BINDER  
This is a binder to hold 3630 publications.  
Binder, 3 inch rings
- GX24-3722  
IBM LOOP INSTALLATION FLOOR PLAN LAYOUT CHART  
This chart provides a means for layout of a loop configuration for both the loop and the loop accessories for attachment to the IBM 3630 Plant Communication System and the IBM 8100 Information System.  
Form  
GX24-3727  
3630 PLANT COMMUNICATION SYSTEM PROGRAMMER'S REFERENCE DIGES  
This publication is a digest of programming information compiled from IBM 3630 Plant Communication System: Programmer's Guide, GC24-5174; Program Validation Services Guide, GC24-5176; Instructions and Macros Reference, GC24-

5173; and Controller Operating Guide, GA24-3678.

The reader should have access to these manuals for details not covered in this digest.

Manual, 8 x 3 3/4 inches, 82 pages, 1/79  
//30/3630,3632,3631/

GX26-1637

IBM 3614 TROUBLE REPORT

This is a one page form assembled in a pad of 25 sheets. It is to be filled out by the operator working with the IBM 3614 Consumer Transaction Facility. The operator fills in the form to show display codes and lamp conditions as a problem occurs in order that the customer engineer may better analyze problems at a later time when machine conditions have changed.

Padded form, 8 1/2 x 11 inches, 25 sheets per pad, 11/76  
//08/3614/

SX26-3719

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, GML QUICK REFERENCE SUMMARY (CURRENT RELEASE)

This reference card is for those who enter document text and GML markup. It provides a quick reference summary of the information in Document Composition Facility: GML User's Guide (SH20-9160). It also contains TSO and CMS editor command summaries. This program is designed to run on S/370 under DOS/V5, OS/V51, OS/V52 MVS and CMS or TSO.

Reference card, 3 5/8 x 8 1/2 inches, 8 panels, 6/78  
///5748-XX9

SX26-3723

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SCRIPT/VS USER'S QUICK REFERENCE (CURRENT RELEASE)

This card summarizes the control words and other tabular information for SCRIPT/VS. It is a condensed version of "Appendix A. SCRIPT/VS Summary" in Document Composition Facility: User's Guide (SH20-9161). This program is designed to run on S/370 under DOS/V5, OS/V51, OS/V52 MVS, and CMS or TSO.

Reference card, 3 5/8 x 8 1/2 inches, 8 pages, 6/78  
///5748-XX9

GX27-0007

3600 FINANCE COMMUNICATION SYSTEMS, SCP 5747-BR1 & 5744-CA3 PROGRAMMER'S REFERENCE DIGEST

This manual is for systems/application programmer's and control operators. It is a quick reference for those who already know the programming and operating principles of the 3600 system. It contains brief descriptions of the 3600 programming, debugging, and system monitor commands, as well as status, sense and program check codes, statistical counters, and log messages. This edition adds information for systems operating on an X.21 switched host link, by a remote analysis application program such as NPDA.

Manual, 8 1/2 x 3 3/4 inches, 96 pages, 4/81  
//30/5747-BR1,5744-CA3

GX27-0011

3615 PROBLEM REPORT

In the event of a 3615 failure, Control operators and other persons responsible for the operation of the 3600 System would fill out the 3615 Problem Report Form, describing the symptoms, to help the service representative isolate a problem when he arrives.

Pad of 25 8 1/2 x 11 inches, inch 1-page forms, 6/78  
//03/3615/

GX27-0017

3604-7 PROBLEM REPORT

This form is used by customers to report failures on the IBM 3604 Model 7 Administrative Keyboard Display.

Padded form, 8 1/2 x 11 inches, u/m 25, 9/79  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-0020

3790 COMMUNICATION SYSTEM REFERENCE SUMMARY VERSION 5

Summarizes the format and operands of 3790 programming statements, 3790 PVS control statements, and 3790 data set definition statements.

Reference card, 14 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2914

3650 RETAIL STORE SYSTEM PHYSICAL PLANNING TEMPLATE

Template for the 3650 Retail Store System.

Template  
//15/3650,3651,3653,3657,3659/

GX27-2915

3660 SUPERMARKET SYSTEM PHYSICAL PLANNING TEMPLATE

Template for the 3660 Supermarket System.

Template  
//15/3660,3661,3663/

GX27-2920

OPERATOR'S TROUBLE REPORT IBM 3767 MODEL 2 COMMUNICATION TERMINAL USED WITH AN IBM 3650 RETAIL STORE SYSTEM.

Operator's trouble report form used for IBM 3767 Model 2 Communication Terminal used with an IBM 3650 Retail Store System.

8 1/2 x 11 inch pad of 25 forms, 3/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2926

3653 TROUBLE REPORT & RECOVERY PROCEDURE

For use by customers in reporting problems in 3653 operation.

Padded form, 50 sheets per pad, 8 1/2 x 11 inches, 100 pages, 12/77  
//09/3653/

GX27-2929

3650 PROGRAMMABLE STORE SYSTEM PHYSICAL PLANNING TEMPLATE SCALE 1-48

Information to be used by IBM salesmen and customers to prepare a site for the installation of a 3650 programmable store system.

Template, 8 1/2 x 11 inches, 3/79  
//15/3650,3651/5744-DA1,5747-CJ2

GX27-2930

3650 PROGRAMMABLE STORE SYSTEM PHYSICAL PLANNING TEMPLATE SCALE 1-50

Information to be used by IBM salesmen and customers to prepare a site for the installation of a 3650 programmable store system.

Template, 8 1/2 x 11 inches, 3/79  
//15/3650,3651/

GX27-2934

INTRODUCTION TO THE IBM 3680 PROGRAMMABLE STORE SYSTEM (TABS)

These tabs are for use in the IBM 3680 Programmable Store System Operator's Guide, GA27-3240.

10 tab dividers

GX27-2939

TABS FOR 3650 PSS TERMINAL OPERATION, GA27-3307

Tabs for GA27-3307, 3650 PSS Terminal Operation.

Tabs

GX27-2941

TABS FOR 3650 PSS TERMINAL OPERATION, GA27-3306

Tabs for 3650 PSS Terminal Operation, GA27-3306.

Tabs

SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2942

TAB SEPARATORS FOR 3650 ADMINISTRATIVE SERVICES, GA27-3308

Tab separators for 3650 Administrative Services, GA27-3308.

Tabs, 16 pages

SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2955

3600 FINANCE COMMUNICATION SYSTEM PHYSICAL PLANNING TEMPLATE

The physical planning template is provided to assist customer personnel in showing components of the IBM 3600 Finance Communication System on floor plans.

Acetate Sheet  
//15/3601,3602,3600/

GX27-2956

PHYSICAL PLANNING TEMPLATE 3790 COMMUNICATIONS SYSTEM (US)

The purpose of the template is to provide the customer with scaled plan view drawings of each unit of the 3790 system to aid in generating the system floor plan.

One Sheet of Positive Film

//15/3790,3791/

GX27-2959

3600 FINANCE COMMUNICATION SYSTEM, OPERATOR PROBLEM REPORT, 3604 KEYBOARD DISPLAY

This form is used by the 3604 operator to record various equipment malfunctions that are listed on the form about the 3604 Keyboard Display. The completed form serves as a maintenance aid to the Customer Engineer servicing the 3600 System.

Pad of 25 sheets  
//09/3604/

GX27-2960

3600 FINANCE COMMUNICATION SYSTEM, OPERATOR PROBLEM REPORT, 3610 DOCUMENT PRINTER

This form is used by the 3610 operator to record various equipment malfunctions that are listed on the form about the 3610 Document Printer. The completed form serves as a maintenance aid to the Customer Engineer servicing the 3600 System.

Pad of 25 sheets  
//03/3610/

GX27-2961

3600 FINANCE COMMUNICATION SYSTEM, OPERATOR PROBLEM REPORT, 3612 PASSEBOOK AND DOCUMENT PRINTER  
This form is used by the 3612 operator to record various equipment malfunctions that are listed on the form about the 3612 Passbook and Document Printer. The completed form serves as a maintenance aid to the Customer Engineer servicing the 3600 System.  
Pad of 25 sheets  
//03/3612/

GX27-2977

3611 PROBLEM REPORT  
The 3611 Problem Report form provides a check list the customer or 3611 user may use to describe 3611 problems for the service representative.  
Forms, 25 sheets per pad  
//03/3611/

GX27-2980

3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 5  
This publication provides the systems analyst and the system programmer with descriptions to define responses to 3790 SYSIMOD prompt messages. These responses define, to the 3791 Controller, data set allocations, descriptions of devices attached to the 3790 System, and network definitions that were included in the host system generation process. The host operating systems include DOS/VS, OS/VS1, or OS/VS2, and the network Control Program (NCP/VS).  
This publication replaces the IBM 3790 System Installation Data manual, GX27-2763.  
Form  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2991

3790 REFERENCE SUMMARY VERSION 6  
This Version 6 manual is a quick-access, reference summary for 3790 application programmers. It includes the formats of 3790 programming statements, the formats of Program Validation Services (PVS) control statements, and the formats of Batch Data Exchange Services (BDES) control statements. Selected values such as condition codes and editing symbols also are included.  
Reference Summary, 3 1/2 x 8 inches, 56 pages, 4/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-2992

3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 6  
This publication applies to Version 6 of the IBM 3790 Communication System. It helps the system analyst and the system programmer define responses to 3790 SYSIMOD prompt messages. These responses define, to the 3791 controller, data set allocations, descriptions of devices attached to the 3790 system, and network definitions that were included in the host system generation process.  
Manual, 8 1/4 x 11 inches, 36 pgs, 12/76  
SLSS - ORDER NO. SUBSCRIPTION ONLY

GX27-3023

3790 REFERENCE SUMMARY - VERSION 7  
The Version 7 manual is a quick-access reference summary for 3790 application programmers. It includes formats of 3790 programming statements, Program Validation Services control statements, Batch Data Exchange Services control statements, and Program Execution Monitor commands. Selected values, such as condition codes and editing symbols, are also included.  
This manual contains information needed by 3730 application programmers, and is a prerequisite for IBM 3730 Distributed Office Communication System: Application Programmer's Reference Summary, GX33-6013.  
handbook, 3 5/8 x 8 1/2 inches, 60 pages, 4/78  
//30/3790,3791,3730,3732/

GX27-3024

3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 7  
This edition provides information to support modification of Data Link Adapter parameters, Control Unit parameters, and device parameters.  
manual, 8 1/2 x 11 inches, 70 pages, 2/78  
//30/3790,3791/5744-B23,5747-B31

GX33-6029

3732 TEXT DISPLAY STATION PHYSICAL PLANNING TEMPLATE  
Machine template on 8 1/2 x 11 inch acetate sheet, 1 page for planning room layouts.  
Template, 8 1/2 x 11 inches, 2, 6/80  
//15/3732/

GX33-6030

3736 PRINTER PHYSICAL PLANNING TEMPLATE  
Machine template on 8 1/2 x 11 inch acetate sheet, 1 page for planning room layouts.  
Template, 8 1/2 x 11 inches, 2, 6/80  
//15/3736/

GX33-8501

3790 DATA ENTRY CONFIGURATION, SUPERVISOR FORMAT DEFINITION PARAMETERS  
This form is an aid to communicate format definition parameters to the supervisor of a Data Entry Configuration. Additional information on format definition is in the following manual:  
• IBM 3790 Communication System/Data Entry Configuration Functional Description, Order No. GA33-4551  
• IBM 3790 Communication System/Data Entry Configuration  
• IBM 3760 Key Entry Station - Functional Description, Order No. GA33-4561  
Pad of 50 forms, 8 1/2 x 11 inches, 6/77

GX33-8502

3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION OPERATOR'S REFERENCE CARD  
This reference card provides condensed information about the 3760 Dual Key Entry Station for KE operators. It deals with operator commands, function requests, function keys, command line layout, error codes, status indicators, and basic procedures.  
Reference card, 6 1/2 x 4 5/16", 4 pages  
//09/3760/

GX33-8503

3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION SUPERVISOR'S REFERENCE CARD  
This reference card provides condensed information for supervisor and system planners about the 3790 Data Entry Configuration. Topics dealt with are: system functions, names and codes, storage sizes, storage maintenance, and input to and output from the system.  
Reference card, 11 x 4 5/16 inches, 8 pgs, 11/76  
//09/3760/

GX33-8504

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3762 OPERATOR'S REFERENCE SUMMARY  
This reference summary contains information for the 3762 operator on the following items:  
status indicators, layout of the command line, record types, function keys, log-on, abnormal termination, function requests, multi-stub processing, how to enter commands, operator commands, operating condition codes, OCR field reject errors, commands for problem handling.  
Extended information for the IBM 3762 operator is in:  
IBM 3790 Communication System/Data Entry Configuration, IBM 3762 Payment Transaction Processor, Operator Guide, GA33-4574.  
Reference Summary, 11 x 5 3/4 inches, 40 pgs, 11/77  
//09/3762/

GX33-8505

3762 PAYMENT TRANSACTION PROCESSOR OCR DOCUMENT GAUGE  
Transparent plastic template to judge acceptability of OCR documents for processing by IBM 3762. Indications printed with actual dimensions on the gauge allow easy yes/no decisions for most document characteristics.  
Acrylic sheet, 6 x 8 3/4 inches, (150 x 220 mm), 1 pg, 2/77  
//09/3762/

GX33-8506

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 OPERATOR'S REFERENCE CARD  
This reference card contains compressed information for the IBM 3760 operator on the following items: logon procedures, functions requests, commands, condition codes, status indicators, operating procedures, function keys, and command line layout.  
Extended information for the IBM 3760 operator is in:  
IBM 3790 Communication System/Data Entry Configuration  
IBM 3760 Key Entry Station - Operator Guide  
Order No. GA33-4564.  
Reference card, 4 pgs, 8/77  
//09/3760/

GX33-8508

3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION SUPERVISOR REFERENCE SUMMARY  
This reference card provides condensed information for supervisors and system planners about the 3790 Communication System/Data Entry Configuration. For detailed information see:  
• IBM 3790 Communication System/Data Entry Configuration, IBM 3790 Key Entry Station, Supervisor Guide, GA33-4563,  
• IBM 3790 Communication System/Data Entry Configuration, IBM 3762 Payment Transaction Processor, Supervisor Guide, GA33-4573.  
This document substitutes for GX33-8507.  
Reference Card, 3 5/8 x 8 1/2 inches, 12 panels, 3/78  
//09/3760,3762/

GX33-8510

IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (ENGLISH)  
Can be used to indicate Command Key Assignment on an IBM 3760 keyboard.  
Sheet of stickers, 7/78

GX33-8511  
IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION  
IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (ITALIAN)  
 Can be used to indicate Command Key Assignment on an IBM 3760 keyboard.  
 Sheet of stickers, 7/78

GX33-8513  
IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION  
IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (GERMAN)  
 Can be used to indicate Command Key Assignment on an IBM 3760 keyboard.  
 Sheet of stickers, 7/78

GX33-8514  
IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION  
IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (FRENCH)  
 Can be used to indicate Command Key Assignment on an IBM 3760 keyboard.  
 Sheet of stickers, 7/78

GX66-0004  
3624 TROUBLE REPORT  
 This Trouble Report is to be filled out by the Financial Institution personnel, and subsequently used by the service representative as a guide to identify and repair a problem.  
 Form, 8 1/2 x 11 inches, u/m 25, 2/79  
 //09/3624/

LYA2-5222  
DOCUMENT TRANS FACILITY  
 Microfiche listings for the program indicated in the title.  
 Microfiche, reduced 45x, 4 cards  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5223  
DOCUMENT TRANSLATION ASSISTANCE FACILITY: LISTINGS  
 Contains SCP program listings for DOS/VS as specified in the title.  
 Microfiche, reduced 45x, 360 frames, 5 cards, 7/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5224  
DIRECT S.W.I.F.T. LINK - CICS/DOS/VS 5746-F14 LISTINGS  
 IBM Direct S.W.I.F.T. Link, program listing microfiche.  
 Microfiche, 18.7 x 8 cm, 19 cards, 3/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5225  
DIRECT S.W.I.F.T. LINK CICS/OS/VS 5740-F15 LISTINGS  
 IBM Direct S.W.I.F.T. Link, program listing microfiche.  
 Microfiche, 18.7 x 8 cm, 17 cards, 3/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5226  
DIRECT S.W.I.F.T. LINK IMS/VS 5740-F16 LISTINGS  
 IBM Direct S.W.I.F.T. Link - program listing microfiche.  
 Microfiche, 18.7 x 8 cm, 17 cards, 3/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5227  
SYSTEM/370 AND 4300 PROCESSORS: COST ACCOUNTING SYSTEM  
DOS/VSE, LISTINGS  
 Compiler Source Code Listings (PL/I and Assembler).  
 Microfiche, reduced 45x, 85 cards, 9/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5229  
DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9,  
HOST BASE PACKAGE, LISTINGS  
 Source program listings.  
 Microfiche, reduced 45x, 15 cards, 4/82  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5230  
DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK,  
CONTROLLER BASE PACKAGE, LISTINGS  
 Source program listings.  
 Microfiche, reduced 45x, 70 cards, 4/82  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5231  
DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9,  
HOST PRINT FEATURE, LISTINGS  
 Source program listings.  
 Microfiche, reduced 45x, 4 cards, 4/82  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5232  
DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9,  
STAIRS INPUT FORMATTER FEATURE, LISTINGS  
 Source program listings.  
 Microfiche, reduced 45x, 4 cards, 4/82  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5233  
DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9,  
DIRECT DOCUMENT VIEWING FEATURE, LISTINGS  
 Source program listings.

Microfiche, reduced 45x, 4/82  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5234  
DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK,  
LISTINGS  
 Source program listings. Listings for the program mentioned in the title.  
 Microfiche, reduced 45x, 3 cards, 4/82  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5236  
DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC  
PROG 5666-264, LISTINGS  
 Distributed Office Support System (DISOSS/370/VSE), program listing microfiche.  
 Microfiche, 16 cards, 11/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5237  
DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK,  
LISTINGS  
 Distributed Office Support System/3730 (DISOSS/VSE), program listing microfiche.  
 Microfiche, 22 cards, 11/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA2-5238  
DISOSS/VSE DOC VIEW  
 No abstract available.  
 Microfiche, 2 cards  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3051  
GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH  
PRESENTATION GRAPHICS FEATURE, LISTINGS (CURRENT RELEASE)  
 Microfiche listings for the program indicated in the title.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3052  
GDDM VERSION RELEASE 2 LISTINGS  
 Microfiche listings for the program indicated in the title.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3071  
GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH, LISTINGS  
(CURRENT RELEASE)  
 Microfiche listings for the program indicated in the title.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3072  
GDDM/PGF VERSION RELEASE 2 LISTINGS  
 Microfiche listings for the program indicated in the title.  
 Microfiche, 87 cards  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA4-3073  
GDDM/PGF/NL, LIC PROG 5748-XX8, LISTINGS (CURRENT RELEASE)  
 This document contains listings for all GDDM/PGF/NL Version 1 Release 2 modules supplied. This document is intended for use by IBM and customer personnel, for the detection and correction of program design errors.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA9-2007  
IBM VEHICLE SCHEDULING PROGRAM--EXTENDED  
(OS) PROGRAM LOGIC MANUAL, VOLUME III PROGRAM LISTINGS -  
MICROFICHE, PROGRAM NUMBER 5734-XM5  
 The program listings for the IBM Vehicle Scheduling Program--Extended have been placed on microfiche. They have been cross-referenced to the flowcharts which are available in Volume II of the Program Logic Manual, Form LY19-2006.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA9-2008  
IBM VEHICLE SCHEDULING PROGRAM -- EXTENDED (DOS) PROGRAM  
LOGIC MANUAL, VOLUME III PROGRAM LISTINGS - MICROFICHE  
PROG. NO. 5736-XM3  
 The program listings for the IBM Vehicle Scheduling Program -- Extended have been placed on microfiche. They have been cross referenced to the flowcharts which are available in Volume II of the Program Logic Manual, Form LY19-2006.  
 Microfiche  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA9-6134  
OPERATIONS PLANNING AND CONTROL (OPC), LIC PROG 5740-XT9  
MICROFICHE INDEX LISTINGS  
 Operations Planning and Control (OPC) Version 1 Release 3 is intended to be used with the OPC Installation and Logic

manual, S419-6126.

It is intended for use by field engineering, system engineering, and system programming in support of the program.

Microfiche, 112 cards, 6/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA9-6156

FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, LISTINGS

This document contains COBOL compiler output listings and assembler output listings for the modules of Financial Management System for DOS/VSE. This document is intended for use by service personnel for analysis and correction of program errors. A prolog is provided in the beginning of each module.

Microfiche, 19 cards, 5/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYA9-6213

SERVICE LEVEL REPORTER (SLR) VERSION 2, LIC PROG 5668-966, LISTINGS

Service Level Reporter (SLR) Version 2, Release 1, Program Number 5668-966 microfiche is intended to be used with the SLR Program Logic Manual LY19-6212. It is intended for use by field engineering, system engineering, and system programming in support of the program.

Microfiche, 18.6 x 7.2 cm, 146 pages, 8/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0643

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) MICROFICHE ASSEMBLY LISTINGS - PROGRAM NUMBER 5734-XM4 FE SERVICE NUMBER 200080

This microfiche publication contains the MPSX Assembly Listings.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0644

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX), MIXED INTEGER PROGRAMMING (MIP), PROGRAM NUMBER 5734-XM4, ASSEMBLY LISTING MICROFICHE

This Microfiche Publication contains the MPSX (MIP) Assembly Listings.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0720

COURSEWRITER III, DOS VERSION 3 LISTINGS - MICROFICHE PROGRAM NUMBER 5736-E11

This microfiche contains the Coursewriter III, DOS Version 3, assembly listings.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0721

COURSEWRITER III; DOS VERSION 3 FLOWCHARTS MICROFICHE - PROGRAM NUMBER 5736-E11

Contains Type I DOS program listings as specified in the title.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0784

COURSEWRITER III, VERSION 3 OS FLOWCHARTS - MICROFICHE PROGRAM NUMBER 5734-E13

Contains Type I DOS program listings as specified in the title.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0785

COURSEWRITER III, VERSION 3 OS LISTINGS - MICROFICHE PROGRAM NUMBER 5734-E13

This document contains Type I OS program listings and DOS/OS PTF listings.

Microfiche

LYB0-0824

INTERACTIVE TRAINING SYSTEM MICROFICHE LISTINGS - PROGRAM NUMBER 5734-XXC

Contains Type I OS program listings as specified in the microfiche

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-0832

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) GENERALIZED UPPER BOUNDING (GUB); PROG. PROD. 5734-XM4 LISTINGS

Microfiche listings for the program shown in the title.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2322

TELEPROCESSING NETWORK SIMULATOR SOURCE LISTINGS, PROG PROD 5740-XT4

Listings for the above OS/VS1 and/or OS/VS2 program.

Microfiche, 33 cards, 10/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2378

INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, TSO SOURCE LISTINGS MICROFICHE

This microfiche publication contains the source listings for the IIS/TSO.

Microfiche, 7 cards, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2379

INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, CMS & TSO SUBROUTINES SOURCE LISTINGS MICROFICHE

This microfiche publication contains the source listings for the IIS/CMS & TSO - Subroutines.

Microfiche, 13 cards, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2380

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 CMS SOURCE LISTINGS (CURRENT RELEASE)

This microfiche publication contains the source listings for the IIS/CMS.

Microfiche, 5 cards, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2381

INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, TCAM/VTAM SUBROUTINES SOURCE LISTINGS MICROFICHE

This microfiche publication contains the source listings for the Interactive Instructional System TCAM/VTAM subroutines.

Microfiche, 12 cards, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2382

INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, TCAM/VTAM SOURCE LISTINGS MICROFICHE

This microfiche publication contains the source listings for Interactive Instructional System TCAM/VTAM.

Microfiche, 4 cards, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2384

INTERACTIVE INSTRUCTIONAL SYSTEM VTAM/DOS, LIC PROG 5748-XX6, ASSEMBLY LISTINGS

Contains program listings as specified in the title.

Microfiche, 6 cards, 10/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2386

TCS - SOURCE LISTINGS

Microfiche listings for the program shown in the title.

Microfiche, 28 cards, 10/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2409

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 DOS/CICS ASSEMBLY LISTINGS (CURRENT RELEASE)

Contains program listings as specified in the title.

Microfiche, 3 cards, 1/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2410

INTERACTIVE INSTRUCTIONAL SYSTEM OS/CICS, LIC PROG 5748-XX6, ASSEMBLY LISTINGS

Contains program listings as specified in the title.

Microfiche, 4 cards, 1/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2436

IMS/VS INTERACTIVE INSTRUCTIONAL SYSTEM ASSEMBLY LISTINGS

Microfiche listings for the program indicated in the title.

Microfiche  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-2521

TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, SOURCE LISTINGS

This is the Source Listings for the Program Product Teleprocessing Network Simulator.

Manual, 57 pages, 6/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8070

DOCUMENT COMPOSITION FACILITY MESSAGES, LIC PROG 5748-XX9, LISTINGS (CURRENT RELEASE)

Microfiche Listing of Document Composition Facility Messages, Licensed Program 5748-XX9, for S/370 Using DOS/VS, OS/VS1, OS/VS2 MVS and CMS or TSO.

Microfiche, 1 card, 6/78



SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LYB0-8071

DOCUMENT LIBRARY FACILITY MESSAGES, LIC PROG 5748-XEE, MICROFICHE LISTINGS  
Microfiche listings of program named in title.  
Microfiche, 1 card, 11/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYCO-3017

SYSTEM/370 SUBSYSTEM SUPPORT SERVICES LOGIC (MICROFICHE)  
This is a microfiche copy of a logic manual that is also available as a printed manual. For a description of its contents, see the abstract for SY30-3017-0, same title as above.  
Microfiche, 2/76  
SLSS - ORDER NO. SUBSCRIPTION ONLY

LYC0-9022

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, LISTINGS  
Microfiche for all purchasers of this product.  
Microfiche, reduced 45x, 25 cards  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SYC7-1701

BATCH TRANSFER PROGRAM DOS/VS LISTINGS PROG. NO. 5747-BW1  
Contains program listings for DOS/VS as specified in the title.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1702

BATCH TRANSFER PROGRAM OS/VS1 LISTINGS - PROG. NO. 5744-CG1  
Microfiche assembly listings of the Batch Transfer Program, OS/VS1 - 5744-CG1  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1703

BATCH TRANSFER PROGRAM OS/VS2 MVS SCP 5744-CG2  
Microfiche assembly listings of the Batch Transfer Program (5744-CG2) to support OS/VS2 MVS release 3.7.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1704

BATCH TRANSFER PROGRAM OS/VS2 SVS SCP 5744-CH1  
Microfiche assembly listings of the Batch Transfer Program (5744-CH1) to support OS/VS2 SVS Release 1.7.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1970

DOS/VS SUBSYSTEM SUPPORT SERVICES - 5745-SC-SSS, LISTINGS  
Microfiche assembly listings of DOS/VS Subsystem Support Services.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1971

DISK OPERATING SYSTEM/VIRTUAL STORAGE 3600 FINANCE COMMUNICATION SYSTEM - 5745-SC-124, LISTINGS  
Microfiche assembly listings of DOS/VS 3600 Finance Communication System, 5745-SC-124.  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SYC7-1972

VTAM & 3600 SYSTEM INDEX  
Microfiche Assembly - Listings Index to be used to locate individual modules and macros in the following components: 5745-SC-VTAM, 5745-SC-TLT, 5745-SC-SSS, 5745-SC-124, (i.e. Form Nos. SYC7-1968, SYC7-1969, SYC7-1970-1, SYC7-1971 1971 respectively).  
Microfiche  
SLSS - ORDER NO. SUBSCRIPTION ONLY

LY12-5007

STORAGE AND INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/VS), LIC PROG 5740-XR1, VOLUME I: INTERFACE TO THE ONLINE CONTROL PROGRAMS, LOGIC  
STAIRS/VS is a system of programs for the storage of bulks of information in the form of data bases and for subsequent retrieval of selected information from these data bases in an online dialog between the user and the system.  
This manual provides detailed information on the logic and structure of the system and of its components. The reader should be familiar with the operating system and with CICS/VS or IMS/VS.  
The manual is divided into three volumes that cover the following major subjects: Volume 1: STAIRS/VS interfaces to CICS/VS and IMS/VS and pertinent macro services; Volume 2: Online subsystems (Retrieval functions and master-terminal operations); Volume 3: Data-base creation and maintenance.  
Manual, 8 1/2 x 11 inches, 230 pages, 8/81

LY12-5015

STORAGE & INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/VS), LIC PROG 5740-XR1, LOGIC  
STAIRS/VS is a system of programs for the storage of bulks of information in the form of data bases and for subsequent retrieval of selected information from these data bases in an online dialog between the user and the system. This manual provides detailed information on the logic and structure of the system and its components. The reader should be familiar with the System/370 and with CICS/VS or IMS/VS.  
The manual is divided into three volumes that cover the following major subjects: Volume I, STAIRS/VS interfaces to CICS/VS and IMS/VS and pertinent macro services; Volume II, Online subsystems (Retrieval functions and master terminal operations); Volume III, Data base creation and maintenance Manual, 8 1/2 x 11 inches, 374 pages, 8/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5018

STORAGE & INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/VS), LIC PROG 5740-XR1, LOGIC (VOLUME III)  
STAIRS/VS is a system of programs for the storage of bulks of information in the form of data bases and for subsequent retrieval of selected information from these data bases in an online dialog between the user and the system. The data communication control functions for STAIRS/VS are provided by either CICS/VS or IMS/VS. STAIRS/VS operates under OS/VS1 or OS/VS2 with CICS/VS or IMS/VS.  
The manual is divided into three volumes that cover the following major subjects: Volume I - STAIRS/VS interfaces to CICS/VS and IMS/VS and pertinent macro services; Volume II - Online subsystems (retrieval functions and master terminal operations); Volume III - Data base creation and maintenance.  
Manual, 8 1/2 x 11 inches, 374 pages, 7/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5019

IBM SYSTEM/370 CHAINED FILE - DL/I BRIDGE (DOS/VS AND OS/VS) PROG. PROD. 5748-XX3, LOGIC  
The Chained File - DL/I Bridge is designed to allow the user of a DOS or OS chained file system to employ DL/I and its data base structure with little or no changes to chained file system application programs. Support is also provided for users having converted chained file system files to IMS/360 by means of the Bill Processor Systems - IMS/360 Bridge, for users of the CICS Feature of DBOMP, and for users who want to migrate to the full DB/DC Facility of IMS/VS.  
This manual, which employs the HIPO technique, provides detailed information to assist the user in obtaining a thorough knowledge of the logic employed in the program.  
For further information on the system, the reader is referred to the following Chained File - DL/I Bridge publications:  
IBM System/370 Chained File - DL/I Bridge Program Reference Manual, (SH12-5416)  
IBM System/370 Chained File - DL/I Bridge Operations Guide (SH12-5513)  
The reader of this manual should be familiar with the DL/I terminology and with the terminologies of his installed chained file and online systems. For further reading, it is recommended that the user refer to the bibliography in the Program Reference Manual.  
Manual, 320 pages, 10/75  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY12-5021

STAIRS DL/I LOGIC, VOL. I, BATCH DATA BASE CREATION AND MAINTENANCE, MACRO SERVICES, INTERFACES, PROG PROD 5740-XR7  
STAIRS - DL/I is a system of programs for the storage of bulks of information in the form of DL/I data bases, for the subsequent retrieval of selected items of information from these data bases in an online dialog of the user with the system through terminals. The teleprocessing control functions for STAIRS-DL/I are provided by either the IBM Customer Information Control System (CICS) or the IBM Information Management System (IMS). STAIRS-DL/I operates under IBM System/370 OS/VS1 and OS/VS2.  
This manual provides detailed information on the logic and structure of the system and of its components. The reader should be familiar with the IBM System/370 and with either CICS or IMS.  
The manual is divided into two volumes which cover the following major subjects:  
Volume I - Batch Data Base Creation and Maintenance Macro Services Interfaces  
Volume II - Online Subsystems (Retrieval Functions and Master Terminal Operations)  
Manual, 8 1/2 x 11 inches, 256 pgs, 04/77  
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LY12-5022

STAIRS-DL/I LOGIC VOL. II, ONLINE SUBSYSTEMS PROG PROD 5740-XR7  
STAIRS - DL/I is a system of programs for the storage of bulks of information in the form of DL/I data bases, for the

subsequent retrieval of selected items of information from these data bases in an online dialog of the user with the system through terminals. The teleprocessing control functions for STAIRS-DL/I are provided by either the IBM Customer Information Control System (CICS) or the IBM Information Management System (IMS). STAIRS-DL/I operates under IBM System/370 OS/VS1 and OS/VS2.

This manual provides detailed information on the logic and structure of the system and of its components. The reader should be familiar with the IBM System/370 and with either CICS or IMS.

The manual is divided into two volumes which cover the following major subjects:

- Volume I - Batch Data Base Creation and Maintenance
  - Macro Services
  - Interfaces
- Volume II - Online Subsystems
  - (Retrieval Functions and Master Terminal Operations)

Manual, 8 1/2 x 11 inches, 278 pgs, 04/77  
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## LY12-5023

CAPOSS-E LOGIC, VOLUME I: PLANNING SYSTEM, PROG PROD 5740-M41 (OS/VS), 5746-M41 (DOS/VS)

This manual provides information on the internal operation of the Capacity Planning and Operation Sequencing System - Extended. The system is designed for use whenever a large number of activities have to be allocated to limited capacity resources. It consists of a Planning System and a Data Base System containing the major planning data.

This volume describes the Planning System; the companion volume documents the Data Base System: IBM System/370 Capacity Planning and Operation Sequencing System-Extended, Logic Manual, Volume II: Data Base System, LY12-5024.

Included in this volume are descriptions of the modules of the Planning System, the commonly used subroutines, and the input/output routines. The text descriptions are supplemented by flowcharts.

Intended readers are those involved with program maintenance and modification, who should be familiar with data processing with the IBM System/370 under OS/VS or DOS/VS.

Manual, 8 1/2 x 11 inches, 124 pages, 4/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5024

CAPOSS-E LOGIC VOL 2, DATA BASE SYSTEM PROG PROD 5740-M41 (OS/VS), 5746-M41 (DOS/VS)

This manual provides information on the internal operation of the Capacity Planning and Operation Sequencing System - Extended. The system is designed for use whenever a large number of activities have to be allocated to limited capacity resources. It consists of a Planning System and a Data Base System containing the major planning data.

This volume describes the Data Base System; it is intended to be used with the companion volume documenting the Planning System: IBM System/370 Capacity Planning and Operation Sequencing System - Extended, Logic Manual, Volume 1: Planning System, LY12-5023.

Included in this volume are descriptions of the control flow of the Data Base System phases, the linkage with the Planning System, and module directories for OS/VS and DOS/VS. The phases are described by HIPO diagrams and extended descriptions.

Intended readers are those involved with program maintenance and modification, who should be familiar with data processing with the IBM System/370 under OS/VS or DOS/VS and IMS/VS or DL/I DOS/VS.

Manual, 8 1/2 x 11 inches, 64 pgs, 4/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5025

IBM SYSTEM/370 INTERACTIVE PERSONNEL SYSTEM LOGIC MANUAL, LIC PROG 5740-AM4 (IMS/VS CICS/OS/VS) 5746-AM1 (CICS/DOS/VS)

The Interactive Personnel System is a terminal oriented system to assist personnel departments. It can be used to store and maintain personnel information, and to perform personnel management and administration functions. The security and integrity of personnel data is a feature of the system.

In its supplied form, the Interactive Personnel System is ready to perform a large number of personnel functions (applications). The system can also perform functions specified by the user. To make this possible, a facility called the procedure definition language enables the user to apply the necessary instructions to the system without previous data processing knowledge.

The Interactive Personnel System runs in both online and batch mode under DOS/VS with DL/I DOS/VS and CICS/DOS/VS, or under OS/VS with IMS/VS and CICS/OS/VS.

This manual is intended for system programmers to assist in the installation of the Interactive Personnel System using CICS/DOS/VS. Execution of utilities and applications in batch mode are also explained. A detailed description is given of the program modules, and of the procedures to install, customize, modify, and tune the system. Details of associated manuals are given in the bibliography.

Manual, 344 pages, 5/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5029

SYSTEM/370 (DOS/VS) ONLINE ROUTING LOGIC PROG 5746-XXP

This manual provides information on the internal Operation Online Routing. It is intended for use by persons involved in program maintenance and program modification. Online Routing is designed to create, maintain, and browse routings in an interactive environment using the IBM 3270 Information Display System. It uses DL/I DOS/VS as data base and CICS/DOS/VS as online support.

Readers of this manual should be thoroughly familiar with the use of DOS/VS, DL/I DOS/VS, and CICS/DOS/VS. Manual, 8 1/2 x 11 inches, 118 pgs, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5030

COMMUNICATION ORIENTED MESSAGE SYSTEM, LIC PROG 5746-XXM, 5668-007, LOGIC

This manual describes the internal logic, the modular structure, and the input/output aspects of the IBM System/370 Communication Oriented Message System. It provides the basic textual and graphic information needed for system maintenance and error recovery.

The Communication Oriented Message System is designed to improve, simplify, and standardize the information exchange within an organization. It provides a means of fast communication among:

- Users.
- Users and online application programs.
- Online application programs.
- Batch application programs and users.
- Batch application programs and online application programs.

The Logic Manual covers the following topics:

- Introduction to system facilities
- Method of operation (using HIPO charts)
- Directory of modules, DSECTS, COPY books
- Data bases and files
- Error handling

The reader of this manual should be familiar with CICS/VS and DL/I DOS/VS terminology, and with the following documentation on the Communication Oriented Message System:

- General Information Manual, GH12-5127
  - User's Guide, SH12-5322
  - Program Reference Manual, SH12-5433.
- Manual, 8 1/2 x 11 inches, 150 pages, 8/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5035

SYSTEM/370 DIRECT S.W.I.F.T. LINK, LIC PROG 5746-F14, 5740-F15, 5740-F16, LOGIC

The IBM Direct S.W.I.F.T. Link is a series of program products that enable banks to participate in the message-exchange organization of the Society for Worldwide Interbank Financial Telecommunication s.c. (S.W.I.F.T.). The program products execute under control of the IBM Customer Information Control System/Virtual Storage (for both DOS/VS and OS/VS) and the IBM Information Management System/Virtual Storage, respectively.

This manual supports the tasks of problem determination, error correction, and program modification. Readers of this manual should be thoroughly familiar with the operating systems and data base/data communication systems mentioned above, as well as with system and application programming techniques and procedures.

Manual, 8 1/2 x 11 inches, 452 pages, 6/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5036

DOCUMENT TRANSLATION ASSISTANCE FACILITY, LIC PROG 5740-SA1, -SA3, DIAGNOSTICS GUIDE AND LOGIC OVERVIEW

The Document Translation Assistance Facility is a package of translation and text-processing aids for translators, terminologists, lexicographers, and editors that supports much of the work associated with the production of a translation.

This manual is intended to give advice in isolating and describing suspected program failures. It also gives an overview on the overall program logic, thus supporting the task of error analysis.

The readers of this manual should be familiar with the publications listed in the Preface.

Manual, 8 1/2 x 11 inches, 72 pages, 7/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5037

COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, 5746-F58, LOGIC

This publication provides information on the internal operation of the IBM Cost operation of the IBM System/370 and IBM 4300 Processors Cost Accounting System (DOS/VSE and OS/VS).

The Cost-Accounting System offers comprehensive data-base-oriented cost accounting and includes a convenient reporting system.

This manual is intended for use by persons involved in program maintenance.

For each COSTING module, a description, a list of internal subroutines, and a HIPO (hierarchy plus input-process-output) diagram is given. This manual describes also the usage of data areas and contains directories and various references.

Readers of this manual should be familiar with the use of DOS/VSE and OS/VS.

Manual, 8 1/2 x 11 inches, 468 pages, 8/80

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5039

DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, -XVK, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730 LOGIC  
The IBM Distributed Office Support System consists of two licensed program products that provide document handling extensions to the IBM 3730 Distributed Office Communication System. One program product resides in the host system, and the other program product resides in each attached IBM 3730 system.

This manual is intended for persons who are maintaining, debugging, or modifying the system. It is assumed that these persons are thoroughly familiar with CICS/VS or IMS/VS, OS/VS, and the functions of the IBM Distributed Office Support System.

Manual, 8 1/2 x 11 inches, 582 pages, 9/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5040

COPICS ONLINE ROUTING, LIC PROG 5746-XY1 AND 5740-XYX, LOGIC  
This manual provides information on the internal operation of COPICS Online Routing. It is intended for use by persons involved in program maintenance and program modification.

COPICS Online Routing is designed to create, maintain, and browse routings in an interactive environment using the IBM 3270 Information Display System. It uses DL/I DOS/VS or IMS/VS as data-base system and CICS/VS as online support.

Readers of this manual should be thoroughly familiar with the use of DOS/VSE or OS/VS, DL/I DOS/VS or IMS/VS, and CICS/DOS/VS.

Manual, 8 1/2 x 11 inches, 120 pages, 8/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY12-5042

DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XVK, LOGIC

The IBM Distributed Office Support System consists of two licensed program products that provide document handling extensions to the IBM 3730 Distributed Office Communication System. One program product resides in the host system, and the other program product resides in each attached IBM 3730 or IBM 8100/DOSF subsystem.

This manual is intended for those who are maintaining, debugging, or modifying the system. It is assumed that they are thoroughly familiar with CICS/VS, VTAM, VSE/POWER, and the functions of the IBM Distributed Office Support System.

Manual, 8 1/2 x 11 inches, 562 pages, 9/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1004

SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I, SYSTEM MANUAL PROGRAM NUMBER 5734-XR2

The Decision Table Translator program accepts decision tables written in a prescribed format and translates the tables into a PL/I or COBOL program.

This manual provides detailed information on the programming logic and includes the flowchart narrative, the programmed switch listing, and the storage allocation. The source program cards and flowcharts are recorded on the optional tape. Complete instructions to print or punch out this material are provided in the Operations Manual. Program Product System Manual, 50 pages

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## LY19-1007

SYSTEM/360 AND SYSTEM/370 STATISTICAL ANALYSIS OF FILES (STAF/OS): LOGIC MANUAL, PROG. PROD. 5734-XA2

This manual contains instructions for the preparation of data files, examples of control cards and job control statements, warning and error messages issued by the program, as well as the actions taken when these messages occur.

Manual, 108 pages

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## LY19-1009

SYSTEM/360 AND SYSTEM/370 BUDGETS AND PLANS GENERATOR LOGIC MANUAL (BUDPLAN) - PROGRAM PRODUCT 5734-F51

BUDPLAN is an application program that processes corporate models and generates budgets and medium or long-range plans in order to evaluate financially the consequences of management decisions.

This manual provides detailed information concerning the design of the system by describing its various phases and subroutines; flowchart narratives are also included herein. The source listing and the flowcharts are located on the optional tape.

Manual, 108 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1012

IBM SYSTEM/370 BUDGETS AND PLANS GENERATOR (BUDPLAN) DOS/VS LOGIC MANUAL - PROGRAM PRODUCT 5746-F51

BUDPLAN is an application program that processes corporate models and generates budgets and medium or long range plans to assist the user in financially evaluating the

consequences of management decisions.

This manual provides detailed information concerning the design of the system by describing its various phases and subroutines; flowchart narratives are also included. The source listing and the flowcharts are located on the optional tape.

Manual, 130 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1015

IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) DOS/VS FOR PL/I AND COBOL LOGIC MANUAL PROGRAM PRODUCT 5746-XR2  
The Decision Table Translator program accepts decision tables written in a predefined format and translates them into a PL/I or COBOL program.

This manual provides detailed information on the programming logic and includes the flowchart narrative, the programmed switch listing, and the storage allocation. The source program cards and flowcharts are recorded on the optional tape. Complete instructions to print or punch out this material are provided in the IBM System/370 Decision Table Translator (DECTAT) DOS/VS Operations Guide, SH19-1078.

Manual, 58 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1016

IBM S/370 PROJACS MAIN PROCESSOR LOGIC, LIC PROG 5746-XP1 (DOS/VS), 5740-XP1 (OS/VS)

This manual describes the subroutines which make up the Main Processor of the Project Analysis and Control System (PROJACS). It is designed to assist users in understanding the internal structure of the program.

Prior to reading this manual, the user should be thoroughly familiar with the following PROJACS publications:

- General Information, GH19-1055
- Program Reference Manual, SH19-1080
- Operations Guides

DOS/VS, SH19-1081

OS/VS, SH19-1085

Manual, 8 1/2 x 11 inches, 156 pages, 6/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1017

IBM S/370 PROJACS RESOURCE ALLOCATION PROCESSOR LOGIC, PROG PRODS 5746-XP1 (DOS/VS); 5740-XP1 (OS/VS)

This manual describes the subroutines which make up the Resource Allocation Processor of the Project Analysis and Control System (PROJACS).

Manual, 54 pages, 11/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1018

DOS/VS PROJACS COST EVALUATION PROCESSOR LOGIC PROG PRODS 5746-XP1 (DOS/VS); 5740-XP1 (OS/VS)

This manual describes the subroutines which make up the Cost Evaluation Processor of the Project Analysis and Control System (PROJACS). The PROJACS Main Processor Logic Manual, LY19-1016, is a prerequisite for the effective use of this manual.

Manual, 8 1/2 x 11 inches, 20 pgs. 1/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1019

IBM S/370 PROJACS NETWORK PREPARATION PROCESSOR, LOGIC - PROG PRODS 5746-XP1 (DOS/VS); 5740-XP1 (OS/VS)

This manual describes the subroutines which make up the Network Preparation Processor of the Project Analysis and Control System (PROJACS.) The PROJACS Main Processor Logic Manual, LY19-1016, is a prerequisite for the effective use of this manual.

Manual, 30 pages, 11/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1026

IBM SYSTEM/370 OS/VS DECISION TABLE TRANSLATION (DECTAT) FOR PL/I AND COBOL LOGIC MANUAL PROGRAM PRODUCT 5740-XR4 (OS/VS)

The Decision Table Translator program accepts decision tables written in a predefined format and translates them into a PL/I or COBOL program.

This manual provides detailed information on the programming logic and includes the flowchart narrative, the programmed switch listing, and the storage allocation. The source program cards and flowcharts are recorded on the optional tape. Complete instructions to print or punch out this material are provided in the IBM System/370 Decision Table Translator (DECTAT) OS/VS Operations Guide, SH19-1102.

Manual, 58 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1029

PLANCODE/I, LIC PROG 5740-XX8, LOGIC (CURRENT RELEASE)

This manual provides information about the program logic of PLANCODE/I. It is directed at development programmers and is intended to be used in conjunction with the program listing.

This manual consists entirely of a series of HIPO (Hierarchy, Input, Process, Output) diagrams.

The hierarchical structure of PLANCODE/I is expressed by a visual table of contents. Then, a key to the symbols used

in the diagrams is presented. Finally there are the diagrams themselves explaining the principal processes of the different PLANCODE/I modules and the input to and output from these processes. Each diagram is accompanied by an extended description, giving, when necessary, detailed information about a particular process.  
Manual, 46 pages, 12/75  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-1030

SYSTEM/370 DOS/VS CONTINUOUS PROCESS PLANT SCHEDULING SYSTEM (CPPS-DOS/VS) LOGIC MANUAL - PROG 5799-ANJ RPO 7S0150  
This manual describes the internal logic of CPPS. The information presented is for maintenance personnel and development programmers who need to know about CPPS design, organization, and data areas. This manual, used in conjunction with the program listing, provides information to help the reader find his way through the code.  
The reader should be familiar with CPFS before reading this manual. Prerequisite knowledge can be acquired by reading:  
CPPS General Information Manual, GH19-1110  
CPPS Program Reference Manual, SH19-1112  
CPPS Users Guide, SH19-1114  
Manual, 76 pgs, 8/76  
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## LY19-2001

IBM VEHICLE SCHEDULING PROGRAM -- EXTENDED (OS AND DOS) PROGRAM LOGIC MANUAL, VOLUME 1, NARRATIVE PROGRAM NUMBERS 5734-XM5 (OS), 5736-XM3 (DOS)  
The Program Logic Manual of the IBM Vehicle Scheduling Program -- Extended provides detailed information to assist the user in obtaining a more thorough knowledge of the program logic. The manual consists of three parts:  
Vol. I Narrative, contained in the present manual, Form LY19-2001-0,  
Vol. II Program Flowcharts, Form LY19-2006-0,  
Vol. III Program Listings, available on microfiche, Form LYA9-2007-0 (OS) and LYA9-2008-0 (DOS).  
Program Logic Manual, 152 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-5034

SYSTEM/370 APT-BP SYSTEM/370 APT-IC SYSTEM/370 APT-AC LOGIC MANUAL VOLUME 2 - PROG. PROJECT 5740-M51, M52, M53  
Design Aid for Postprocessors (DAPP) is a component part of the members of the Automatically Programmed Tool (APT) family of program products listed above.  
This manual is a continuation of the separate Logic Manuals published for the three APT programs, and is intended to describe the logic of DAPP routines.  
This publication is for postprocessor writers having a working knowledge of IBM FORTRAN IV and a detailed knowledge of the machine-tool/controller combination for which the postprocessor is required.  
The user must be aware of the method employed to include his DAPP based postprocessor as part of the APT processor. This method is explained in the publications listed below:  
APT-BP Operations Guide (SH20-1420)  
APT-IC Operations Guide (SH20-1416)  
APT-AC Operations Guide (SH20-1413)  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-5046

SYSTEM/370 STRATEGY EVALUATION AND PLANNING SYSTEM - PRODUCTION, LIC PROC 5746-XX2, 5740-XXE, LOGIC STEPS-Production is an application program product designed to assist those departments of a consumer package goods (CPG) company that are connected with production planning.  
This manual is intended as a guide for systems engineers and systems programmers to the logic and design of the STEPS-Production program product. Its main purpose is to enable the systems programmer to locate quickly any problem areas in any of the STEPS load modules created by the user.  
This publication is designed to be read by application programmers who need detailed information about the STEPS-Production programs.  
Manual, 8 1/2 x 11 inches, 66 pages, 12/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## SY19-6038

INSTALLATION MANAGEMENT CHANGE MANAGEMENT/TRACKING (CM/T), DP ACCOUNTING FOR IMS/VS (DPA), SERVICE LEVEL REPORTER (SLR) LOGIC, PROG 5740-DCI THROUGH -DC4  
This book describes the internal logic of the CM/T, CT, DPA and SLR Program Products. The information presented here is directed to maintenance personnel and system programmers who need to know about the program's design, organization, and data areas.  
Manual, 8 1/2 x 11 inches, 244 pgs, 6/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## SY19-6053

IBM 3650 RETAIL STORE SYSTEM HOST PROGRAM LOGIC RPO 7B0239 LIC PROC 5799-WTR (OS/VS), 5799-WJB (DOS/VS), RELEASE 3.2  
This manual describes the retail programming support RPO

functions. It is directed to the IBM representative and customers who need information on the internal information and Logic of the RPO changes in the Retail Host Support modules.  
Manual, 8 1/2 x 11 inches, 58 pages, 1/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## SY19-6129

3600 FINANCE COMMUNICATION SYSTEM 3624 CONSUMER TRANSACTION FACILITY FRENCH CREDIT CARD, REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPO 7B0600, 7B0601  
This publication is a program reference manual for the IBM 3624 French Credit Card RPO's 7B0600 and 7B0601. It contains a description of the RPO and the programming information required to operate a 3624 with this RPO installed, at EC level 788405/788306 or later.  
The reader should be familiar with the prerequisite publications related to the IBM 3624. All the information contained in these publications still apply, unless specifically changed in this manual.  
Manual, 8 1/2 x 11 inches, 28 pages, 3/81  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## LY19-6146

SERVICE LEVEL REPORTER LOGIC  
No abstract available.  
Manual, 376 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-6149

FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, LOGIC  
Financial Management System for DOS/VSE is a flexible system for meeting the information demands of the financial controller, the cost accountant, and the project manager using a common data base. Financial Management System provides a framework for collecting, processing, and consolidating financial data and reports for different levels with companies and for multiple companies within groups.  
This publication describes the internal logic of the Financial Management System for DOS/VSE Program Product. The information is directed to maintenance personnel and system programmers who need to know about the program's design, organization, and data areas.  
Manual, 8 1/2 x 11 inches, 244 pages, 5/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## SY19-6150

3650 PROGRAMMABLE STORE SYSTEM HOST PROGRAM LOGIC FOR CASH AND CARRY RPO 7B0328, LIC PROG 5799-WTB, -WTD  
This manual describes the Programmable Store System (PSS) RPO functions. It is directed to the IBM representative and customers who need information on the internal information and Logic of the RPO changes in the PSS Host Support modules.  
Manual, 8 1/2 x 11 inches, 24 pages, 7/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## LY19-6211

OPERATIONS PLANNING AND CONTROL PROGRAM, LIC PROG 5740-XT9, LOGIC  
This book describes the internal logic of OPC. The information presented here is directed to maintenance personnel and system programmers who need to know about the program's design, organization, and data areas.  
Manual, 8 1/2 x 11 inches, 224 pages, 7/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-6212

SERVICE LEVEL REPORTER, LIC PROG 5668-966, LOGIC  
This publication describes the internal logic of the Service Level Reporter Version 2 (SLR) Program Product. The information presented is directed to service personnel and system programmers who need to know about the program's design, organization, and data areas.  
Manual, 8 1/2 x 11 inches, 436 pages, 8/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY19-7000

CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III); LOGIC MANUAL - PROGRAM NUMBER 5734-XS9, FEATURE NUMBER 8143  
This publication describes the internal logic of the Continuous System Modeling Program III (CSMP III) system. The CSMP III system is a program that provides an application-oriented input language for solving a system of ordinary differential equations. Data input and output and execution control are facilitated by means of application-oriented control statements.  
This logic manual is intended for use by persons involved in program maintenance or programmers who are altering the program design, table sizes, or adding user functional elements to the system. Its primary purpose is to serve as a guide to the program listings with which it is to be used.  
Program Product Manual, 228 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY19-7001

CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III) GRAPHIC  
FEATURE LOGIC MANUAL - PROGRAM NUMBER 5734-XS9  
FEATURE NUMBER 8144

This publication describes the internal logic of the Continuous System Modeling Program III (CSMP III) Graphic Feature. The Graphic Feature extends the simulation capability of the Continuous System Modeling Program III, via the IBM 2250 Display Unit, to an interactive environment especially conducive to the experimental process. In combination, they are referred to in this manual as Graphic CSMP III to convey this interactive capability.

This logic manual is intended for use by persons involved in program maintenance or programmers who are altering the program design, internal table sizes, or adding new functional elements to the system. Its primary purpose is to serve as a guide to the program listings with which it is to be used.

Manual, 268 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0462

PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS)  
HOMEOWNERS CLAIMS PROCESSING PROGRAM DESCRIPTION AND  
SYSTEM MANUAL  
PROGRAM NUMBER 5736-N21 FEATURE CODE 8002

The purpose of this manual is to describe the Property and Liability Information System insurance logic programs designed to maintain claim information on the homeowners policies supported by the Multi-Line Insurance Rating Bureau plan.

The contents of this manual include: a description of the homeowners master record and its format; a process executive catalog showing the interrelationship of individual modular programs in the processing of a given insurance function; and a module catalog containing abstracts, format requirements, process executive information, programming notes, communication information, and codes for each individual modular program.

Manual, 40 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0528

OS/360 INVENTORY CONTROL SYSTEM MANUAL  
PROG. PROD. 5734-M52, FEATURE NO. 8011

OS/360 Inventory Control consists of seven programs specially designed for implementing order point inventory control in manufacturing organizations.

This manual provides detailed information to assist the user in obtaining a more thorough knowledge of the program logic employed in the programs.

The manual includes program flowcharts and flowchart narratives, in addition to information regarding switches, labels, symbols, and register assignment.

Program Product Manual, 108 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0535

SYSTEM/360 CAPACITY PLANNING - INFINITE LOADING  
SYSTEM MANUAL PROGRAM NUMBER 5736-M11  
FEATURE CODE 8021

System/360 Capacity Planning consists of programs designed to plan the capacity required for a production plan, and to schedule orders based on available production facilities.

Its main application area is in job shops where production facilities are used intermittently to perform production or assembly operations on different items.

This manual provides detailed information to assist the user in obtaining a more thorough knowledge of the logic employed in the programs. It contains information on the system design, logic flow, and coding of the programs. It is intended chiefly for system programmers and system engineers.

Program Product Manual, 92 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0536

SYSTEM/360 CAPACITY PLANNING FINITE LOADING SYSTEM MANUAL  
PROGRAM NUMBER 5736-M12 FEATURE CODE 8022

System/360 Capacity Planning consists of programs designed to plan the capacity required for a production plan, and to schedule orders on the basis of available production facilities.

Its main application area is in job shops where production facilities are used intermittently to perform production or assembly operations on different items.

This manual provides detailed information to assist the user in obtaining a more thorough knowledge of the logic employed in the programs. It contains information on the system design, logic flow, and coding of the programs and is intended chiefly for system programmers and system engineers.

Program Product Manual, 236 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0537

SYSTEM/360 REQUIREMENTS PLANNING INTERFACE SYSTEM MANUAL  
PROGRAM NUMBER 5736-M13

System/360 Requirements Planning Interface is a program product which, when added to System/360 Requirements Planning (360A-MF-05X), provides the ability to generate connection records. The connection file is required by

System/360 Capacity Planning, Finite Loading (5736-M12).

This manual includes flowcharts, flowchart narratives, and listings of the macros that constitute the program product.

The information in this manual is intended for use by system programmers in conjunction with SYSTEM/360 REQUIREMENTS PLANNING, SYSTEM MANUAL (GY20-0317). Manual, 20 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0543

OS/360 REQUIREMENTS PLANNING, LIC PROG 5734-M51,  
SYSTEM MANUAL

The OS/360 Requirements Planning programs are used to generate material requirements for finished products, assemblies, subassemblies, parts, and raw materials based upon an input of a forecast and/or orders. OS/360 Requirements Planning consists of three components: requirements generation program, print exception program, and chained file management system. The requirements generation program performs the generation of requirements, utilizing time series planning to determine net requirements, plan orders, determine offset, and post component gross requirements. The print exception program prints the notices for the exceptions discovered during the requirements generation run. The chained file management system creates and maintains a centralized manufacturing information system.

This manual includes program flowcharts and flowchart narratives, in addition to information regarding switches, labels, symbols, and register assignment. The manual is intended to aid systems analysts and programmers install and maintain OS/360 Requirements Planning

Manual, 545 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0546

SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE  
ELECTRIC UTILITY INDUSTRY POWER FLOW SYSTEM MANUAL -  
VOLUME III

PROGRAM NUMBER 5736-U12 FEATURE CODE 8172

The Power System Planning (PSP) Program Product package is designed specifically for System/360. The package uses disk storage to provide the capability of establishing a master data bank of repeatedly used engineering data that describes an electrical network. The package further provides the convenience of automatic data retrieval from the master data bank whenever a simulation program is to be run. In order to study the steady-state and transient operational characteristics of present and projected interconnected power networks, three digital simulation components are included in the package -- Power Flow, Short Circuit, and Transient Stability.

This manual is designed for use by the system analyst and system programmer. It describes the basic solution technique and its implementation in the Power Flow simulation component. Power Flow files and variables are described. The format of the results file, which may be saved upon completion of a Power Flow simulation, is described. In addition, a description of each procedure in the Power Flow component is given.

Program Product Manual, 128 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0553

SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR  
ELECTRIC UTILITY INDUSTRY - SHORT CIRCUIT SYSTEM MANUAL  
VOLUME II PROG. NO. 5736-U12

The Power System Planning (PSP) Program Product package is designed specifically for the IBM System/360. The package uses disk storage to establish a master data bank of repeatedly used engineering data that describes an electrical network. The package further provides the convenience of automatic data retrieval from the master data bank whenever a simulation program is to be run. In order to study the steady-state and transient operational characteristics of present and projected interconnected power networks, three digital simulation components are included in the package -- power flow, short circuit, and transient stability.

This manual is designed for use by the system analyst and system programmer. It describes the basic solution technique and its implementation in the short circuit component. Files and variables are described. The format of the results file, which may be saved upon completion of the input phase of a short circuit simulation study, is described. A description of each procedure in the short circuit component is given.

Program Product Manual, 332 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0554

SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE  
ELECTRIC UTILITY INDUSTRY TRANSIENT STABILITY  
SYSTEM MANUAL - VOLUME IV PROGRAM NUMBER  
5736-U12 FEATURE CODE 8173

The Power System Planning (PSP) Program Product package is designed specifically for the IBM System/360. The package uses disk storage to make it possible to establish a master data bank of repetitively used engineering data that describes an electrical network. The package provides the further convenience of automatic data retrieval from the master data bank whenever a simulation program is to

be run. In order to study the steady-state and transient operational characteristics of present and projected interconnected power networks, three digital simulation components are included in the package: power flow, short circuit, and transient stability.

This manual is designed for use by the system analyst and system programmer. It describes the basic solution technique and its implementation in the transient stability simulation component. Files and variables are described. The format of the results file generated during a transient stability simulation study is described. In addition, a description of each procedure in the transient stability component is given.

Program Product Manual, 128 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0555

SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY ENGINEERING DATA MANAGEMENT SERVICES SYSTEM MANUAL VOLUME I PROGRAM NUMBER 5736-U12 FEATURE CODE 8174

The Power System Planning (PSP) Program Product package is designed specifically for the IBM System/360. The package uses disk storage to provide the capability of establishing a master data bank of repeatedly used engineering data that describes an electrical network. The package further provides the convenience of automatic data retrieval from the master data bank whenever a simulation program is to be run. In order to study the steady-state and transient operational characteristics of present and projected interconnected power networks, three digital simulation components are included in the package - power flow, short circuit, and transient stability.

This manual is designed for use by the system analyst and system programmer. It describes the methods used in validating, and retrieving data from the master data bank maintained by the engineering data management service (EDMS) component. EDMS files and variables are described. In addition, a description of each procedure in the engineering data management service (EDMS) component is given.

Program Product Manual, 128 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0559

TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) SYSTEM MANUAL PROGRAM NUMBER 5736-T21, FEATURE CODE 8003

This manual provides detailed information to assist system analysts and programmers in gaining a more thorough knowledge of the programming logic employed in this application. Included for each unit process subroutine, general purpose subroutine, and mainline components are the flowchart narrative and the flowcharts.

System Manual, 402 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0560

TRAFFIC PROFILE ANALYSIS SYSTEM, LIC PROG 5736-T22, SYSTEM MANUAL

This manual provides detailed information to assist the user in gaining a more thorough knowledge of the programming logic employed in the application. Included for each program are the switches and registers used, the flowchart narrative and the flowcharts.

Manual, 64 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0565

S/360 SHOP FLOOR CONTROL, LIC PROG 5736-M31, SYSTEM MANUAL

System/360 Shop Floor Control is a group of programs designed to provide current information about the manufacturing facility and to assist management in effectively controlling production. The programs provide for the release of orders to the manufacturing facility, the creation and maintenance of records pertaining to the orders, retrieval of orders, report capability on the status of the orders, and the preparation and printing of a work list for shop supervisory personnel.

This manual includes (1) flowcharts, (2) flowchart narratives, and (3) a list of the program switches used by System/360 Shop Floor Control. The audience for this manual includes customer operating personnel, systems analysts, and programmers. The prerequisite for the use of this manual is a knowledge of System/360 PL/I Language, System/360 Disk Operating System, and the Bill of Material Processor.

Manual, 148 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0566

S/360 DATA BASE ORGANIZATION & MAINTENANCE PROCESSOR, LIC PROG 5736-XX4, SYSTEM MANUAL

This manual provides detailed information to assist the user in gaining a more thorough knowledge of the programming logic employed in the application.

It contains detailed reference material for the file organization, maintenance, and reorganization program modules. The audience for this manual is the systems programmer.

Core storage allocation for each module is dependent upon the options chosen by the user. These allocations may be found in the SYSTEM/360 DATA BASE ORGANIZATION AND

MAINTENANCE PROCESSOR, PROGRAM DESCRIPTION MANUAL (SH20-0829) in section 3.30 entitled "Core Storage Requirements".

Program modification is achieved through the customization of the supplied source code by means of user supplied parameters. Customizing is discussed in the SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR, PROGRAM DESCRIPTION MANUAL in the section 5 entitled "Customizing the Data Base Organization and Maintenance Processor" and the Appendix entitled "Customizing the MAINLINE Module of Creation and Maintenance of the Four Basic Manufacturing Files".

Program listings are not included in this manual, as customization and assembly will provide the listings which correctly reflect the parameters chosen.

Licensed Program Product Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0587

PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS) ADDITIONAL FILE FACILITY: SYSTEMS REFERENCE MANUAL, PROGRAM NUMBER 5736-N22, FEATURE CODE 8007

This reference publication describes the functions and logic of the new modules and changes to the PALIS Basic program (360A-IF-10X) that make up the PALIS Additional File Facility (2314) (5736-N22). Changes to the logic, preparation for use, and operation of rateload, file support, transaction edit, file maintenance run, and inquiry are included.

This manual must be used in conjunction with the PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS), BASIC PROGRAM, PROGRAM DESCRIPTION AND SYSTEM MANUAL (GH20-0497) and the PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS), BASIC PROGRAM, OPERATIONS MANUAL (GH20-0498).

Program Product Manual, 88 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0596

GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS) SYSTEM MANUAL, PROG. NO. 5734-XS2, FEATURE NO. 8046

This publication contains a description of the internal structure and the basic operation of the GPSS program. All the modules which make up the GPSS program are discussed in general and, where appropriate, the operation of all routines within a given module is explained in detail.

The information contained in this manual should give the user a thorough understanding of the structure and operation of the GPSS program so that modifications may be more easily designed and implemented.

Program Product Manual, 570 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0602

GENERAL PURPOSE SIMULATION SYSTEM V - DOS SYSTEM MANUAL, PROG. PROD. 5736-XS3, FEATURE NO. 8101

This publication contains a description of the internal structure and the basic operation of the GPSS program. All the modules which make up the GPSS program are discussed in general and, where appropriate, the operation of all routines within a given module is explained in detail.

The information contained in this manual should give the user a thorough understanding of the structure and operation of the GPSS program so that modifications may be more easily designed and implemented.

Program Product Manual, 568 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0621

CONSUMER GOODS SYSTEM (COGS), FORECASTING (OS), LIC PROG 5734-D33, SYSTEM MANUAL

This manual contains source code listings and flowcharts to aid the user in program product implementation and modification.

Program Product System Manual, 132 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0622

CONSUMER GOODS SYSTEM (COGS), ALLOCATION (OS), LIC PROG 5734-D32, SYSTEM MANUAL

This manual contains source code listings and flowcharts to aid the user in program product implementation and modification.

Manual, 116 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0640

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) MIXED INTEGER PROGRAMMING (MIP) - SYSTEM MANUAL

PROGRAM NUMBER 5734-XM4, FEATURE NUMBER 8056  
MIP is an extension of the linear programming module of the Mathematical Programming System Extended (MPSX). It allows the processing of mixed integer linear programming problems, that is, linear programming problems in which some of the variables must take integer values. This manual describes the "branch and bound" method used and the MIP routines.

Program Product Manual, 84 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY



LY20-0641

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX), MIXED INTEGER PROGRAMMING (MIP) FLOWCHART MANUAL, PROGRAM NUMBER 5734-XM4, FEATURE CODE 8057  
This manual contains the flowcharts for the Mixed Integer Programming (MIP) Feature of MPSX. It should be used in conjunction with the MIP System Manual and the source or assembly listings.  
Program Product Manual, 36 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0642

MATHEMATICAL PROGRAM SYSTEM EXTENDED (MPSX) FLOWCHART MANUAL PROGRAM NUMBER 5734-XM4, FEATURE CODE 8055  
This manual contains the flowcharts for the Mathematical Programming System Extended (MPSX). It should be used in conjunction with the MPSX System Manual and the source or assembly listings.  
Program Product, 296 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0646

MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) SYSTEM MANUAL, PROGRAM NUMBER 5734-XM4, FEATURE CODE 8056  
This manual provides detailed information to help the user understand the implementation of MPSX. It is designed to be used with the program listings and flowcharts of MPSX.  
Program Product Manual, 528 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0671

PROCEDURE LIBRARY - MATHEMATICS (PL-MATH) SYSTEM MANUAL PROGRAM NUMBER 5734-XM3 FEATURE NUMBER 8051  
This manual contains the source code listings for the procedures and sample programs of the PL-MATH Library.  
Program Product, 224 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0674

MINIPERT, LIC PROG 5734-XP3, SYSTEM MANUAL, FEATURE NUMBER 8086  
This manual contains a detailed description and listing for every MINIPERT function in each of the five workspaces.  
Program Product Manual, 144 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0679

COURSEWRITER III, VERSION 3 (DOS), LIC PROG 5736-E11, PROGRAMMER'S GUIDE  
This publication provides detailed information of programming logic employed in the application.  
It is assumed that the reader has prior knowledge of Coursewriter III, the Disk Operating System, and Basic Telecommunications Access Method.  
Flowcharts and assembly listings are not in this publication (see "Optional Machine Readable Information" in the Application Directory).  
Program product manual, 100 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0691

COURSEWRITER III/OS VERSION 3 SYSTEM PROGRAMMERS GUIDE PROG. NO. 5734-E13  
This publication provides detailed information of programming logic employed in the application. It is assumed the reader has prior knowledge of Coursewriter III, the Operating System, and Basic Telecommunications Access Methods.  
Flowcharts and assembly listings are not in this publication (see "Optional Machine Readable Information" in the Application Directory).  
System generating information is contained in Coursewriter III/OS, Version 3 Operator's Guide (SH20-1022).  
Licensed Program Product Manual, 96 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0693

SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY, POWER FLOW OUTPUT AND CAPACITY FEATURE SYSTEM MANUAL, VOLUME V - PROGRAM NUMBER 5736-U12  
The Power System Planning (PSP) Program Product is designed for the IBM System/360 and System/370. Direct access storage is employed for a master data bank of repetitively used electrical power network data. Data is automatically retrieved from the master data bank by the Engineering Data Management Service (EDMS) component whenever a simulation component is run. In order to study the steady state and transient operational characteristics of present and projected interconnected power networks, three digital simulation components are included in the package: Power Flow, Short Circuit, and Transient Stability.  
This manual is designed for use by the system analyst and system programmer. It describes the basic solution technique and its implementation in the Power Flow Output and Capacity Feature. Power Flow files and variables are described. The format of the results file, which may be saved upon completion of a Power Flow simulation, is described. In addition, a description of each procedure in the Power Flow Output and Capacity Feature is given.

Manual, 130 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0694

BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3: SYSTEM MANUAL, PROG. NO. 5746-F31, FEATURE 8005  
This system manual consists principally of the flowcharts for each program in the Brokerage Accounting System Elements (BASE) system, together with such supplementary material as will aid the programmer in modifying the system to adapt it to a particular application requirement.  
The BASE system is composed of a number of closely interrelated programs that provide a comprehensive foundation for back office data processing applications in today's brokerage firm. Application areas covered include Purchase and Sale (P&S), Stock Record, Dividends, Bookkeeping, Interest, Customer Statements, and such critical cashier functions as Falls and Transfers. The BASE system is general enough to permit various options and modifications to suit the individual requirements of a particular brokerage firm. However, the processing in the application areas is extensive so that most programs will require little or no modification by the typical brokerage firm.  
Program product manual, 592 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0717

IBM FASHION REPORTER PROGRAM PRODUCT SYSTEM MANUAL PROGRAM NUMBER 5736-D11  
This manual includes program flowcharts, flowchart narratives, and other information necessary to understand the programming logic used in the IBM Fashion Reporter system. This information will be useful when implementing or modifying this system.  
The programs that operate on user data or the inventory file are written in IBM PL/I programming language. Programs which print reports are written in IBM System/360 RPG programming language.  
Additional information regarding the system may be found in the following manuals:  
o IBM Fashion Reporter, Program Description Manual (SH20-2053)  
o IBM Fashion Reporter, Operations Manual (SH20-2054)  
Manual, 134 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0726

SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY SHORT CIRCUIT R0 FEATURE - SYSTEM MANUAL VOLUME VI, FEATURE 8103 - PROGRAM NUMBER 5736-U12  
In order to study the steady state and transient operational characteristics of present and projected interconnected power networks, three digital simulation components are included in the Power System Planning program product: Power Flow, Short Circuit, and Transient Stability. The Short Circuit R0 Feature extends the capabilities of the Short Circuit component.  
This manual is designed for use by the system analyst and system programmer. It describes the basic solution technique and its implementation in the Short Circuit R0 Feature. Files and variables are described. A description of each procedure in the Short Circuit R0 Feature is given.  
Program product manual, 61 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0728

STAT/BASIC FOR ITF AND VM/370 - CMS: LOGIC MANUAL, FEATURE NUMBER 8100 - PROGRAM NUMBER 5734-XA3  
STAT/BASIC is a comprehensive set of interactive statistical programs for ITF. It consists of 40 BASIC programs, providing the user with procedures for data generation, elementary statistics, regression and correlation analysis, multivariate analysis, analysis of variance, nonparametric statistics, time series analysis, and biostatistics. The interactive features include instructional messages, flexible control of calculations, extensive error checking, and data editing.  
This manual provides program flowcharts, flowchart narrative, and program listings.  
Program Product Manual, 208 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0733

BILL PROCESSOR SYSTEMS-IMS/360 BRIDGE, LIC PROG 5734-XX9, SYSTEM MANUAL  
The Bill Processor Systems - IMS/360 Bridge consists of the programs necessary to convert bill processor system files to IMS/360 data bases and to access the converted data bases. The elements which make up the Bill Processor Systems - IMS/360 Bridge are as follows: the descriptor generator (GEN1), the conversion generator (GEN2), the unload module general source code (UNLS), the load program general source code (LOADS), the interface generator (G.IN3), and the interface module general source code (INTFS).  
This manual includes program flowcharts and flowchart narratives, as well as record layouts for the descriptor file entries. The manual is intended to aid systems analysts and programmers in installing and maintaining the Bill Processor Systems - IMS/360 Bridge programs.  
Manual, 64 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY



LY20-0764

ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP),  
IUP 5796-PBH, REFERENCE

This program provides engineers with a powerful tool for use in the design and reliability analysis of linear and nonlinear electrical networks. Although ASTAP is oriented primarily toward the analysis of electronic circuits, it can also be used to simulate any physical system which can be represented by a network model.

The program can be used for performing DC and AC steady-state as well as transient analysis. In addition, a Monte Carlo statistical simulation can be performed in conjunction with DC, AC, or transient analysis to predict the effect of component variations on network performance. A common user-oriented input language is provided for describing the network to be analyzed in any of the above modes.

This Reference Guide describes the network theory and numerical algorithm used by ASTAP. It also relates the algorithms to the code at the functional level.

Guide, 188 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0765

ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP)  
IUP 5796-PBH, LOGIC

The ASTAP Logic Manual describes the programming details and structuring of ASTAP. It is designed to aid those persons responsible for maintaining, updating, modifying, and expanding the ASTAP network analysis program. This manual includes descriptions of the general organization of the program as well as the functions performed by each program phase and subroutine.

The ASTAP Logic Manual is complemented by the ASTAP reference Guide (LY20-0764) which provides an explanation of the algorithms and mathematical techniques used by the program.

Manual, 142 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0788

PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS)  
AUTOMOBILE ENHANCEMENTS - PROGRAM NUMBER 5736-N24  
SYSTEM REFERENCE MANUAL

The purpose of this manual is to describe the PALIS Automobile Enhancements program logic and all modifications made to the PALIS Automobile Program (360A-IF-11X), the PALIS Basic Program (360A-IF-10X), and the PALIS Additional Functions program product (5736-N21) to coincide with the enhancements functions. This manual is to be used in conjunction with the PALIS Automobile Premium Processing Program Description and System Manual (GH20-0499), the PALIS Automobile Claims Processing Program Description and System Manual (GH20-0500), the PALIS Basic Program Description and System Manual (GH20-0497), and the PALIS Basic Program Operations Manual (GH20-0498).

Manual, 110 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0800

PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS) HOME  
OWNERS ENHANCEMENTS - SYSTEM REFERENCE MANUAL  
FEATURE NUMBER 8105 - PROGRAM NUMBER 5736-N25

The Property and Liability Information System Homeowners Enhancements program product provides additional insurance data processing functions for the PALIS user. The Annualization enhancement permits the user to use annual rates in conformity with the MLIRB Annualization program edition 2-70. The Factored Rating enhancement allows the utilization of factors in connection with the rating of basic premium for forms HO-1, HO-2, HO-3, and HO-5. The continuous policy renewal option provides for the maintenance of one physical master record and one policy number for the entire life of a policy by the use of the continuous policy history record. Program logic has been included to provide for claims coverage verification and the creation of a loss face sheet extract which includes sufficient information for the generation of loss statistics. The declarations extract has been enlarged to provide additional premium statistical information.

The purpose of this manual is to describe the PALIS Homeowners Enhancements program logic and all modifications made to the PALIS Additional Functions program (5736-N21) and the PALIS Basic Program (360A-IF-10X) to coincide with the enhancement functions. This manual is to be used in conjunction with the PALIS Homeowners Premium Processing Program Description and System Manual (LY20-0461), the PALIS Homeowners Claims Processing, Program Description and System Manual (LY20-0462), the PALIS Basic Program, Program Description and System Manual (GH20-0497), and the PALIS Basic Program, Operations Manual (GH20-0498).

Manual, 108 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0804

MATH/BASIC FOR SYSTEM/3 MODEL 6, ITP, AND VM/370-CMS; LOGIC  
MANUAL, PROG. NOS. 5703-XM2 (SYSTEM/3) AND 5734-XM8 (ITP AND  
VM/370-CMS); FEATURE NOS. 8017, 8153

This manual contains the source code listings and the description of the computational blocks which are the basis of the MATH/BASIC routines for System/3, Model 6 and System/360 or System/370.

Manual, 268 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0819

INTERACTIVE TRAINING SYSTEM LOGIC MANUAL VOLUME 1 (BASIC)  
PROG. PROD. 5734-XXC

This publication contains detailed descriptions of the basic control functions of the Interactive Training System, and provides information necessary to allow system programmers to maintain and modify the operation of the training system.

Manual, 124 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0820

INTERACTIVE TRAINING SYSTEM LOGIC MANUAL  
VOLUME 2: FLOWCHARTS - PROG. NO. 5734-XXC

This publication contains the flowcharts showing the execution logic of the training system. It is used in conjunction with Volume I of the Logic Manual and the program listings by those persons responsible for the maintenance and modification of the Interactive Training System.

Manual, 435 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0821

INTERACTIVE TRAINING SYSTEM COURSE STRUCTURING FEATURE  
LOGIC MANUAL, PROG. PROD. 5734-XXC

The Course Structuring Feature provides those capabilities required for the creation and presentation of the training materials to be presented to the students of a training system. This publication is an addendum to Volume I and II of the Logic Manual. It contains the descriptions and flowcharts for the Course Structuring Feature.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0825

SECURITIES ORDER MATCHING LOGIC MANUAL FEATURE NUMBER 8113  
PROGRAM NUMBER 5734-F32

This logic manual contains the detailed descriptions and program flowcharts of the Securities Order Matching (SOM) internal program modules. Its primary purpose is for those users who are modifying the system for their installations and for those engaged in maintaining the program.

Securities Order Matching operates in a multiprogramming environment under the Telecommunications Control System (TCS) and the Operating System (OS). It permits users in the Securities Industry to record and match orders and executions automatically through an online system during the trading day. The use of 2260 Display Stations provides exceptions clerks with the ability to communicate with the SOM online system and its files to resolve problems as they occur. SOM also provides the user with daily trading reports for wire and order rooms, produces input to the back office processing, and provides additional input for optional user-written programs and reports.

Manual, 549 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0826

MPSX & GENERALIZED UPPER ROUNDING, LIC PROG 5734-XM4,  
LOGIC

GUB is an extensions of the linear programming module of the Mathematical Programming System Extended (MPSX). It allows the processing of generalized upper bounding linear programming problems. This manual describes the GUB routines.

Manual, 62 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0827

CHECK PROCESSING CONTROL SYSTEM (CPCS), LIC PROG 5734-F11,  
LOGIC

This manual contains detailed information useful for program modification, error diagnosis, and maintenance. The presentation of the details for each of the program modules that comprise CPCS is achieved through the use of program flowcharts with descriptive narratives. The narrative is directly linked to the flowchart at key points by means of the programming labels. This will enable the reader to identify any program segment in the narrative, examine its symbolic representation relative to the remainder of the flowchart, and finally, examine the source coding associated with the label on a listing from the program tape.

This document is written as a reference manual. Before using this manual the reader should be thoroughly familiar with the following manuals: Check Processing Control System (CPCS) General Information Manual (GH20-1008), Check Processing Control System (CPCS) Program Reference Manual (SH20-1227), Check Processing Control System (CPCS) Operations Guide (SH20-1228), and Check Processing Control System (CPCS) Terminal Operations Guide (SH20-1229).

Manual, 444 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0835

EPIC: SOCRATES, STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL  
INSTITUTIONS - LOGIC MANUAL - PROG. NO. 5735-E91

EPIC: SOCRATES consists of a series of interrelated programs which address educational resource-allocation tasks and student-scheduling tasks. The program product is designed to operate under OS or DOS, on a System/360 or /370, or to

operate on an IBM 1130 or the System/3.

This manual presents the internal logic of the SOCRATES programs in the form of flowcharts and narrative. The content is specifically intended for systems engineers, analysts, and installation programmers who may be modifying the system presented herein or converting from the earlier SOCRATES development. The manual is not required for operating.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0837

EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, LOGIC

The EPIC: Budget/Finance Program Product uses a comprehensive system approach to the budgetary and financial control tasks of educational institutions. The package consists of a series of interrelated programs which provide for establishment of and changes to budgetary account controls, and for detailed control of the daily accounting transactions that impact budgeted funds. All aspects of the educational institutions financial structure, such as purchasing, cafeteria, and payroll, may feed transaction data into the system. The features provided by the program cover a variety of accounting needs, among which are line items, historical recap, budgetary projection, and flexible reporting.

Manual, 188 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0840

BUSINESS ANALYSIS/BASIC LOGIC MANUAL, PROG. NOS. 5703-XM3 (SYSTEM/3 MODEL 6) AND 5734-XME (ITF-OS/DOS/TSO, VM/370-CMS)

Business Analysis/BASIC contains 30 routines which permit the user to interact with the computer. All routines are written in the BASIC language for implementation on the System/3 Model 6, ITF (OS, DOS, TSO), and VM/370-CMS. The routines are designed to ask the user to enter his problem parameters and data and to make decisions at key points in the analysis. Options are provided for enhanced operating convenience and flexibility.

This manual provides the logic description, functional flowchart, and program listings for each routine included in the package.

Manual, 208 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0842

TELECOMMUNICATIONS CONTROL SYSTEM (TCS) LOGIC MANUAL FEATURE NUMBER 8112 - PROGRAM NUMBER 5734-F31

This manual describes the internal program logic and operation of the Telecommunications Control System (TCS). The general description section contains the functional and logical concepts of TCS and places the program in perspective relative to the Operating System (OS) and the Telecommunications Access Method (TCAM). This section also defines the audience for which this manual was intended and the background knowledge required.

Additional sections are included on method of operation, program organization, and the edit application program. The last section contains program flowcharts.

Manual, 590 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0845

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM LOGIC MANUAL - PROG NOS. 5734-H11 (OS, OS/VS) 5736-H15 (DOS, DOS/VS)

The Health Care Support/Electrocardiogram (ECG) Analysis Program provides batch processing for the computerized analysis of electrocardiograms. The program is written in Basic Assembler Language and PL/I.

This publication contains flowcharts for all program routines, layouts of common area variables, and storage allocations for all routines. It is intended for use by programmers wishing to learn more about the program operation and for those engaged in program modification.

Manual, 124 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0848

EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS, LIC PROG 5735-E92, LOGIC

EPIC: FAST consists of a series of interrelated programs that address the scoring, analysis and reporting tasks of standardized test results. The program product is designed to operate under OS or DOS, on a System/360 or System/370, to operate on an IBM 1130 or to operate on a System/3.

This manual presents the internal logic of the FAST programs through flowcharts and narrative. The content is intended specifically for systems engineers, analysts, and installation programmers who may be modifying the system or converting from an earlier FAST development. The manual is not required for operating.

Manual, 216 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0851

EPIC: STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS, LIC PROG 5735-E94, LOGIC

This logic manual covers the EPIC; Student program product

which establishes a student-record data base. A series of interrelated programs provide a systematic procedure for the collection and reporting of student academic and attendance information. This manual's contents are essential to maintaining or altering the program product.

Manual, 216 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0859

ALPHA SEARCH INQUIRY SYSTEM, LIC PROG 5736-N14, LOGIC

This manual provides detailed flowcharts of each of the programs and subroutines which comprise the Alpha Search Inquiry System. Register usage, core allocation, and program switches are also defined.

Manual, 160 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0863

S/370 APT-IC NUMERICAL CONTROL PROCESS, LIC PROG 5740-M52, LOGIC

The Logic Manual presents the functional design of the System/370 Automatically Programmed Tool-Intermediate Contouring (APT-IC) Program Product. An overview is presented showing the relationship between the major components of the Program Product. A detailed discussion of the components and their several parts is also included. Block flowcharts and the accompanying narratives are included for the description of both the overview and the components. A discussion of the storage allocation requirements for the components and the overall system in the context of the Operating System environments is also presented.

Manual, 1, 688 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## SY20-0864

S/370 APT-BP NUMERICAL CONTROL PROCESSOR, LIC PROG 5740-M51, LOGIC

The Logic Manual presents the functional design of the System/370 Automatically Programmed Tool - Basic Positioning (APT-BP) Program Product. An overview is presented showing the relationship between the major components of the Program Product. A detailed discussion of the components and their several parts is also included. Block flowcharts and the accompanying narratives are included for the description of both the overview and the components. A discussion of the storage allocation requirements for the components and the overall system in the context of the Operating System environments is also presented.

Manual  
SLSS - ORDER NO. SUBSCRIPTION ONLY

## LY20-0866

CREDIT MANAGEMENT SYSTEM, LIC PROG 5799-ADF, LOGIC

This manual contains information needed to understand the program logic of the Credit Management System. This programming RPQ is available on special quotation only (see inside front cover). All program modules are identified, categorized and explained through narrative discussions and flowcharts. System tables and work are described. The user of this manual must be familiar with the logic of the Customer Information Control System (5734-XX7) and the Display Management System (5734-XC1).

This manual is intended for use by system programmers and application programmers.  
Manual, 270 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0921

RESPONSIBILITY ACCOUNTING SYSTEM THE PHILADELPHIA NATIONAL BANK SYSTEM GUIDE - IUP NUMBER 5796-ACA

The RESPONSIBILITY ACCOUNTING SYSTEM is a general ledger, cost accounting and budget performance monitoring system. It is implemented in a batch environment utilizing the Data Language/I facility of the Information Management System program product.

The manual contains detailed program logic descriptions.  
Guide, 170 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-0923

GENERALIZED CREATE/REORGANIZE UTILITY SYSTEM FOR S/370 EASTMAN KODAK SYSTEMS GUIDE, IUP NUMBER 5796-ACZ

The S/370 Generalized Create/Reorganize Utility System provides the Chained File Management System (CFMS) user the capability of decreasing file reorganization time by as much as ten to one. The system provides a highly efficient generalized set of utilities for creation and maintenance of CFMS files (both BDAM and ISAM). Major functions include high speed dump and restore of both BDAM and ISAM files, reorganization of individual chained files, expansion of master file space between reorganizations, and enhanced record addition capabilities for ISAM files. Any CFMS user currently expending 10 or more hours per month on reorganizations should achieve enough savings in the first 6 months of operation to justify the paid up license of this IUP.

Manual, 40 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0924

DISTRIBUTION ORDER ENTRY SYSTEM, LAG DRUG COMPANY, CHICAGO, ILLINOIS, LIC PROG 5796-ABT, SYSTEMS GUIDE  
 An in-depth description of all programs in the LAG ORDER ENTRY SYSTEM can be found in this manual. Each program is outlined as to what its purpose is and a general overview as to what processing takes place. Flowcharts have been prepared for every program along with data fields and message listings. A section on installation and modification has been included to assist in implementing the system.

Manual, 204 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0926

MICR OS TRANSIT SYSTEM SYSTEM/370 OS THE INDIANA NATIONAL BANK, INDIANAPOLIS, INDIANA SYSTEMS GUIDE - PROGRAM NUMBER 5796-ADG

This manual provides information for use in maintaining and making modifications to the system. A detailed description of each file is included.

Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0936

DISTRIBUTION ORDER ENTRY SYSTEM FOR SYSTEM 360/370 WITH 3270's 3340 SUPPORT IUP 5796-ABT, SYSTEM GUIDE

The Lag Drug visual display technique can provide needed information quickly to order takers. Companies that take orders over the telephone require immediate information concerning their customers, warehouse inventory current prices, discounts, free goods, special deals or promotions. Utilizing a flexible, combination approach of alpha dictionary or numeric customer service because items ordered are agreed upon with the customer and then entered correctly. This System not only helps increase customer service but also means less returned merchandise, sales increase, warehouse efficiency, reduction in order entry, lower investment and continuous increased performance. This feature supporting the 3340, is an added feature to the original DOES System.

This manual contains descriptions of the Programs Components which should be used with its listings. The information presented is intended to be used as an aid in modification, maintenance, and error correction.

System guide  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-0940

TERMTEXT/FORMAT, LIC PROG 5796-PBR, SYSTEMS GUIDE, FEATURE NUMBER 8070

This publication describes the TERMTEXT/Format program. It explains the function and internal logic, the techniques used in implementing the program, the modules of which it consists, and its operation.

The publication is written for system programmers who, within the scope of their work, are concerned with the operation and internal logic of TERMTEXT/Format (rather than with its application).

System programmers may use this publication both as an introduction to the function and internal logic of TERMTEXT/FORMAT - that is, to become familiar with its overall structure and operation - and as a reference manual to locate some item of information that pertains to a specific program element.

Manual, 144 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2006

CREDIT MANAGEMENT SYSTEM II, FDP 5799-AHJ, LOGIC

This manual describes the logic of the Credit Management System II Programming RPQ to Display Management System II. It contains flowcharts and flowchart narratives to assist the user in understanding the internal structure of the programs and modules constituting the system.

Manual, 234 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2007

PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LOGIC MANUAL PROG. NO. 5748-XT1

The purpose of this manual is to assist the systems analyst in supporting and/or modifying PSG/CMS.

Planning Systems Generator under the Conversational Monitor System (PSG/CMS) permits the user to rapidly produce and evaluate a variety of financial plans. It offers a simple method for specifying planning data, for establishing computational logic to be applied to the data, and for generating data displays and reports. PSG/CMS data, and for generating data displays and reports. PSG/CMS allows business planners and financial analysts to develop and generate business plans and financial reports, from a terminal on the VM/370.

PSG/CMS may be applied to the solution of planning problems for financial management and also for any division or department of a company with a planning function such as personnel or manpower planning, marketing projections, budget planning, etc.

Users of this manual should be familiar with Planning Systems Generator on VM/370-CMS (PSG/CMS) Operations Guide (SH20-1469) and Planning Systems Generator on VM/370-CMS (PSG/CMS Terminal User's Guide (SH20-1468).

Manual, 148 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2009

INTERACTIVE TRAINING SYSTEM EXPANDED COURSE STRUCTURING FEATURE LOGIC MANUAL PROGRAM NUMBER 5734-XXC

The IBM Interactive Training System provides a realtime training environment for users of the IBM Information Management System/360 V2 and the IBM Customer Information Control System/OS-STANDARD V2.

The Expanded Course Structuring feature provides those capabilities required for the creation and presentation of the training materials to be presented to the students of a training course.

This publication is an appendix to Volume I of the Logic Manual. It contains the descriptions and flowcharts for the Expanded Course Structuring feature.

Manual, 34 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2012

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) LOGIC MANUAL PROG. NO. 5740-XX3 (ATMS/OS) 5746-XX4 (ATMS/DOS/VS)

The Advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities concurrently, using typewriter-like terminals or an information display system attached to an IBM System/370. ATMS operates concurrently with, and independently of other applications in an IBM CICS Program product environment.

This manual provides the logic description required by those persons responsible for the maintenance of ATMS.

Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2013

IBM SYSTEM/370 MATCHING AND DISPLAY APPLICATION PROGRAM (MDAP) FOR IBM 5275 DIRECT NUMERICAL CONTROL STATION, LIC PROG 5740-XX2, LOGIC

The System/370 OS/VS Matching and Display Application Program (MDAP) provides programming support for the IBM 5275 Direct Numerical Control Station under OS/VS. This manual provides detailed logic descriptions of the programs, modules, and utilities contained in OS/VS-MDAP.

Manual, 8 1/2 x 11 inches, 268 pgs, 1/74  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2014

SYSTEM/370 MACHINING AND DISPLAY APPLICATION PROGRAM (MDAP) FOR 5275 DIRECT NUMERICAL CONTROL STATION, LIC PROG 5746-XX2 (DOS/VS) LOGIC

The System/370 DOS/VS Machining and Display Application Program (MDAP) provides programming support for the IBM 5275 Direct Numerical Control Station under DOS/VS. This manual provides detailed logic descriptions of the modules and tables contained in the DOS/VS version of MDAP.

Manual, 8 1/2 x 11 inches, 288 pages, 3/74  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2016

HEALTH CARE SUPPORT/DATA COMMUNICATIONS PROGRESS LOGIC MANUAL PROGRAM NUMBER 5746-H13

It is assumed that the reader is generally familiar with the Disk Operating System/Virtual Storage (DOS/VS) (5745-010), the Customer Information Control System (CICS/DOS Standard) (5736-XX7), the Health Care Support/Accounting Base Program (5746-H14), and the Health Care Support/Accounting Application Program (5746-H14.)

The information contained in this manual is of interest to persons maintaining or modifying Health Care Support/Data Communications.

Manual, 32 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2017

HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM - REPORTING LOGIC MANUAL PROGRAM NUMBERS 5746-H12

The IBM Health Care Support/Laboratory Information System - Reporting provides data processing support for hospital clinical laboratories. Operating with the Accounting Base Program of the Health Care Support/Accounting System, the programs handle batched input of laboratory requisitions and test results, producing laboratory reports for use throughout the hospital.

The program design allows tailoring of formats and procedures to meet the separate needs of several hospitals sharing a common computer. Input and output of the system may, as an option, use the Health Care Support/Data Communications Program allowing remote data entry and report production. The laboratory application programs complement the accounting application programs through the use of a common admission procedure and automatic charge generation.

This manual contains detailed program information useful for program modification, error diagnosis, and maintenance. The manual contains detailed descriptive information on the logical operation of each program, through program flowcharts. Most flowcharts narratives are general, but more detail has been included for the complicated programs.

This document is written as a reference manual. Before using this manual the reader should be thoroughly familiar with the following manuals for the Health Care

Support/Laboratory Information System - Reporting: General Information Manual (GH20-1190), Laboratory Manual (SH20-1504), Program Reference Manual (SH20-1503), Operations Guide (SH20-2017).  
Manual, 255 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2018

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM BASE PROGRAM - LOGIC MANUAL PROGRAM NUMBER 5746-H14  
The Health Care Support/Accounting System provides hospital accounting for a standalone or multiple hospital environment. The participating hospitals may be connected to the central System/370 facility by teleprocessing terminals. The Accounting System consists of the Accounting Base Programs (5746-H14) and an Accounting Applications feature (6001, 6002, 6003).

The base programs provide services which are used by the Accounting Applications feature (6001, 6002, 6003) and are also used by other programs such as:  
Health Care Support/Data Communications Program (5746-H13)  
Health Care Support/Laboratory Information System (5746-H12)

This manual contains detailed program information useful for program modification, error diagnosis, and program maintenance. The manual contains detailed descriptive information on the logical operation of each program. Most logic narratives are general - more detail has been included for the complicated programs. Labels and symbols programmed switches, program indicators, register usage, special techniques, program modification notes, and service subprogram usage are defined for each system program.

This document is written as a reference manual. Before using this manual the reader should be thoroughly familiar with the following manuals:

General Information Manual (GH20-1179)  
Program Reference Manual (SH20-1494)  
Operations Guide (SH20-1501)

Manual, 81 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2019

HEALTH CARE SUPPORT/ACCOUNTING SYSTEM VERSION 1 ACCOUNTING APPLICATION FEATURE LOGIC MANUAL - PROG. PROD. 5746-H14

The Program Logic Manual describes the internal design or logic of the subject program. This manual is intended for persons involved in program maintenance and for system programmers who are altering the program design. Program logic information is not necessary for the operation of the program; therefore, distribution of this publication is limited to persons with maintenance and alteration requirements.

One microfiche listing of this licensed program is available from Mechanicsburg to each licensee under the licensing agreement. This listing is also available to IBMers on a need-to-know basis.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2020

PLANNING SYSTEMS GENERATOR UNDER THE OS/VS2 TIME SHARING OPTION (PSG/TSO) LOGIC MANUAL - PROG. NO. 5740-XT1

Planning Systems Generator under the OS/VS2 Time Sharing Option (PSG/TSO) permits the user to rapidly produce and evaluate a variety of financial plans. It offers a simple method for specifying planning data, for establishing computational logic to be applied to the data, and for generating data displays and reports. PSG/TSO allows business planners and financial analysts to develop and generate business plans and financial reports, from a terminal, under OS/VS2 TSO.

PSG/TSO may be applied to the solution of planning problems for financial management and also for any division or department of a company with a planning function such as personnel or manpower planning, marketing projections, budget planning, etc.

Users of this manual should be familiar with the following publications:

Planning Systems Generator under the OS/VS2 Time Sharing Option (PSG/TSO) Operations Guide, GH20-1508  
Planning Systems Generator under the OS/VS2 Time Sharing Option (PSG/TSO) User's Guide SH20-1509

The purpose of this manual is to assist the systems analyst in maintaining and/or modifying PSG/TSO.

Manual, 206 pages

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## LY20-2042

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - PROG PRODS 5795-AAF MESSAGE SWITCHING (OS/VS1) 5795-AAG MESSAGE SWITCHING (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Message Switching provides point-to-point and multiple destination routing, group broadcasting, resend and reroute capabilities, conversational edit and error correction, multiple buffer message support, and warm

restart capability.

This manual provides information regarding detailed program logic of the FERST/VS Message Switching System.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2056

RAIL CAR MANAGEMENT SYSTEM: IUP 5796-AFR SYSTEMS GUIDE

This manual provides the information a programmer or analyst would require if modifying or installing this system.

Manual, 275 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2057

COST GENERAL: AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES IUP 5796-AFQ, SYSTEMS GUIDE

The Cost/General System is a group of application programs that provide the functions of collecting, organizing, allocating, and reporting costs throughout all levels of a public utility. It is a totally integrated system providing both financial information and responsibility reporting by cost centers.

Cost/General was designed and implemented by the San Diego Gas & Electric Co. in San Diego, California. The primary purposes of the system are to provide the management of a public utility with up-to-date, meaningful financial information as an aid in evaluating alternative courses of action, provide effective controls over costs, and monitor the performance of cost centers. The system also provides on a timely basis the information necessary to fulfill the reporting requirements of governmental regulatory agencies and stockholders.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2058

COST GENERAL: AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES IUP 5796-AFQ, USER'S GUIDE

The Cost/General System is a group of application programs that provide the functions of collecting, organizing, allocating, and reporting costs throughout all levels of a public utility. It is a totally integrated system providing both financial information and responsibility reporting by cost centers.

Cost/General was designed and implemented by the San Diego Gas & Electric Co. in San Diego, California. The primary purposes of the system are to provide the management of a public utility with up-to-date, meaningful financial information as an aid in evaluating alternative courses of action, provide effective controls over costs, and provides on a timely basis the information necessary to fulfill the reporting requirements of governmental regulatory agencies and stockholders.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2062

LABORATORY DATA MANAGEMENT SYSTEM - IUP 5796-AHD, SYSTEMS GUIDE

This guide describes the common subroutines, macros, and file input/output routines of the Laboratory Data Management System. Most of the macros are used to set up fields for additional operations, such as binary-to-character conversion, and to help standardize the system.

The guide is designed to aid the systems analyst responsible for modifying the laboratory Data Management System. It must be used in conjunction with the Program Description/Operations Manual (SH20-1664).

Files are described, and the formats of the most commonly modified files are included for quick reference to their purpose and use. These files are used to tailor the system to the specific environment of each laboratory. For normal operation, it should be necessary to change only the following files: test definition, work list definition, miscellaneous, format, and comment.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2063

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SYSTEM GUIDE

Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.

In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation. Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.

A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal

restrictions or maturity characteristics.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2065

DIRECT MANPOWER PLANNING WITH ASSESSMENT OF RISK - IUP 5796-PDB, SYSTEM GUIDE

Direct Manpower Planning with Assessment of Risk is an internally developed IUP which addresses the problem of choosing the least cost manpower plan to accomplish a given amount of work.  
The IUP uses mathematical programming to provide optimal staffing plans involving regular employees, new hires, retraining, overtime, subcontracting, etc.

- o Substitutes measurable, objective factors for judgmental considerations in manpower planning.
- o Considers cost of capital and inflation rate, providing a realistic cost picture.
- o Allows combination of up to 25 time periods and 10 skill categories.
- o Time periods may be of unequal length and an intermix of days, weeks, months or years.
- o Policy constraints may be placed on overtime, subcontracting, new hires, etc.
- o Prior workload history can be statistically analyzed to aid in future workload projections.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
Systems Guide  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2067

TELLER AUDIO RESPONSE SYSTEM USING DOS/CICS AND CIF FDP 5798-AHX SYSTEMS GUIDE PROGRAM NUMBER 5796-AFW

This manual provides information on the design, logic, and coding of the Teller Audio Response System. This manual is intended for the systems analyst and operations, and would be useful to programmers making program modifications.  
Manual, 30 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2071

HERCULES INCORPORATED RAIL CAR MANAGEMENT - IUP 5796-AFR, USER'S GUIDE

This manual will be useful to the non-data processing oriented individual in the traffic department. It describes the concept and functions of the system and how the user must interface with the system.  
Manual, 203 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2074

APL ECONOMETRIC PLANNING LANGUAGE - IUP 5796-PDW, SYSTEM GUIDE

This Installed User Program is an interactive planning language based upon APL.  
It provides features for dealing with economic variables (primarily time-series), such as data analysis and transformation, tabular and graphic display, parameter estimation, model solution and file handling.  
It requires the installation of the APL Shared variable programming RPQ number RPQ WE1191, Program Number 5799-AJF.

The practicing economist, business forecaster or teacher is provided with easy-to-use tools by interactive model building and model solving.  
Care has been taken to use much of the power inherent in APL, using its available set of primitive functions and its compact data handling and logic capabilities.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2080

TELECOMMUNICATIONS CONTROL SYSTEM (TCS) PROGRAMMING RPQ EF0373, LIC PROG 5799-AKL, LOGIC

This manual describes the internal program logic and operation of the Telecommunications Control System (TCS), whether or not the TCS programming RPQ (PRPQ) EF0378 is used. This programming RPQ is available on special quotation only (see inside front cover).

The basic TCS concepts section contains the functional and logical concepts of TCS and places the program in perspective relative to the Operating System (OS/VS) and the Telecommunications Access Method (TCAM).

The method of operating section describes functional flows of programs in the TCS environment and also points out those features that are major additions to the TCAM facilities or are deviations from it.

The program organization section describes the TCS modules in the form of a table with the information necessary for an understanding of the function of each module and its place relative to other related modules. This section also

discusses each TCS macro in great detail, with a figure of any created parameter list.

Manual, 154 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2081

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC, VOLUME 1, PROGS 5795-AAH EQUIPMENT CONTROL (OS/VS1), 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

This manual provides information regarding detailed program logic of the FERST/VS Equipment Control System.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2082

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - VOLUME 2, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

Volumes 2,3 and 4 of the Logic Manual contain, in alphabetic sequence, the flowcharts for all the modules of the FERST/VS Equipment Control system.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2083

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - VOLUME 3, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

Volumes 2,3 and 4 of the Logic Manual contain, in alphabetic sequence, the flowcharts for all the modules of the FERST/VS Equipment Control System.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2084

FERST/VS LOGIC VOLUME 4, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

Volumes 2,3 and 4 of the Logic Manual contain, in alphabetic sequence, the flowcharts for all the modules of the FERST/VS Equipment Control System.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2087

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS), PROGS 5795-AAK (OS), 5795-AAL (DOS/VS) LOGIC VOLUME 1

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TF) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides online entry and

editing of freight bills. System inquiry and reporting create trailer summary manifests, freight bill delivery receipts, invoices, inactive freight reports, and management reports.

This manual provides information regarding detailed program logic of the FERST/VS Freight Billing system.

Volumes 2 and 3 of the Logic Manual contain in alphabetic sequence the flowcharts for all the modules of the FERST/VS Freight Billing system.

Manual, 7/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2088

FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC VOL 2

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

ferst/VS Freight Billing provides online entry and editing of freight bills. System inquiry and reporting create trailer summary manifests, freight bill delivery receipts, invoices, inactive freight reports, and management reports.

This manual provides information regarding detailed program logic of the FERST/VS Freight Billing System.

Volumes 2 and 3 of the Logic Manual contain in alphabetic sequence the flowcharts for all the modules of the FERST/VS Freight Billing system.

Manual, 8 1/2 x 11 inches, 328 pgs, 6/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2089

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC VOLUME 3

PROG 5795-AAR (OS/VS1) 5796-AAL (DOS/VS)  
Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Freight Billing provides online entry and editing of freight bills. System inquiry and reporting create trailer summary manifests, freight bill delivery receipts, invoices, inactive freight reports, and management reports.

This manual provides information regarding detailed program logic of the FERST/VS Freight Billing system.

Volumes 2 and 3 of the Logic Manual contain in alphabetic sequence the flowcharts for all the modules of the FERST/VS Freight Billing system.

Manual, 7/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2091

PROPERTY AND LIABILITY CLAIMS ENTRY SYSTEM, IUP 5796-AGK, SYSTEMS GUIDE, FEATURE 8606

This manual is intended to provide the reader with information necessary for proper analysis of modifications to the system, as well as the details required for installation.

Manual, 48 pages, 1/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2092

ONLINE LIST MAINTENANCE, IUP 5796-AGT, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

The Online List Maintenance IUP was developed to reduce as much as possible the time-consuming, tedious clerical work associated with maintaining records of subscribers to various periodicals. This online system establishes a record and match code for each subscriber. An order for an additional publication only requires a segment to be added to the previously created record. The system guides the operator through the process of data entry and error correction. The system requires MTSC/370, FDP 5798-ALN, and the facilities of VSAM, 5745-SC-VSM. The following online transactions are supported:

browsing, add records/segments, change records/segments and drop records/segments. Some examples of system output are Labels (in Zip Code sequence), ABC report, Zone Analysis Summary and reports by class and type of subscription.

System Guide

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2093

ONLINE LIST MAINTENANCE, IUP 5796-AGT, SYSTEMS GUIDE

This manual contains the program descriptions, their logic, and resource requirements. It should be used with the other manuals to fully understand the Online Demand Deposit Accounting System's total function.

Manual, 420 pages, 3/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2095

CICS/DOS/VS AND OS/VS INSTALLMENT LOAN CALCULATOR - IUP 5796-AGR, 5796-AGQ, SYSTEM GUIDE

The Installment Loan Calculator is an IUP for online use by credit officers of banks and retail enterprises when making installment loans.

It supplants the use of rate books for fitting payments and percentages to satisfy loan requests.

It operates under CICS for both DOS and OS with 3270 and/or 7770 audio response.

It allows the credit officer to spend more time with the customer and develop an installment loan more closely related to the customer's wishes.

The potential advantages are increased loan business due to more flexible terms, increased yield by inclusion of odd-day interest, reduction of errors by elimination of manual calculations and the replacement of expensive rate books and programmable calculators.

Program 5796-AGQ is for DOS/VS.

5796-AGR is for OS/VS.

The programs can be made to work interchangeably under either system if desired.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2097

DS/CICS/VS COMBINED LOAN SYSTEM FOR USE WITH VANDL-1 IUP 5796-AGG, SYSTEM GUIDE

For information about this program, see abstract for SH20-1609.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual, 186 pages

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2098

CICS/DOS/VS ONLINE PAYROLL AND PERSONNEL SYSTEM: FIRST NATIONAL BANK OF MARYLAND, SYSTEM GUIDE, IUP 5796-AFX

This manual contains detailed logic for the payroll and personnel system monthly reports and special monthly reports programs. It also contains explanations of tables, program philosophy and detailed instructions for calculating the authorization code.

Manual, 8 pages, 5/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2102

ONLINE TELLER AND TIME DEPOSIT SYSTEM, IUP 5796-AFH, SPECIFICATIONS VOL. 1

Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.

In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.

Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.

A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2103

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 2

Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.

In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.

Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.

A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY



LY20-2104

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 3  
 Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.  
 In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.  
 Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.  
 A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.  
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2105

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS, VOL 4  
 Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.  
 In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.  
 Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.  
 A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.  
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2106

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 5  
 Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.  
 In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.  
 Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.  
 A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.  
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2107

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 6  
 Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.  
 In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation.  
 Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.  
 A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.  
 This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2108

CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VS: UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, SYSTEM GUIDE  
 This manual outlines the capabilities of the system both online and offline. Design assumptions and potential modification areas are discussed. Record layouts are included and the logical relationships of the files to each

other are detailed. Primary processing procedures for both the online and offline systems are specified.  
 Manual, 8 1/2 x 11 inches, 210 pgs, 6/77  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2109

CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VS: UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, MACRO MANUAL  
 This manual lists and explains all macros used in coding online and offline programs.  
 Manual, 8 1/2 x 11 inches, 148 pgs, 6/77  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2110

CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VS: UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, DESCRIPTION MANUAL  
 This manual provides a narrative on each online and offline program in the system. It includes the inputs and outputs, linkages, files and messages that pertain to each program.  
 Manual, 8 1/2 x 11 inches, 450 pgs, 6/77  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2112

INSTALLING HEALTH CARE/SUPPORT ACCOUNTING, LINCOLN GENERAL HOSPITAL: SYSTEMS GUIDE, IUP 5796-AHC, FEATURE 8622  
 This manual contains the non patient integrated file structures of Health Care Support Accounting System (5746-H14) and the procedures (philosophy and audit) of Lincoln General Hospital's installation.  
 Manual, 90 pages, 4/75  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2127

CHECK PROCESSING CONTROL SYSTEM (CPCS) LOGIC MANUAL ADDENDUM FOR CPCS/3890 FEATURE, PROG PROD 5734-F11  
 This addendum to the Check Processing Control System Logic Manual (LY20-0827-2) contains text and flowcharts for those CPCS modules which were modified or added to support the use of the IBM 3890 Document Processor with CPCS.  
 MICR Control Block Descriptions are now in the CPCS Program Reference Manual.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2176

PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600), LIC PROG 5746-F11 (DOS/VS), 5740-F11 (OS/VS), LOGIC  
 PC/3600 is a program product designed to assist the financial institution in preparing processing programs for and IBM 3600 Finance Communication System. User transactions are defined on specification sheets. Information from these sheets, together with 3600 configuration data, is processed to provide transaction processing programs to be stored in the IBM 3601 Finance Communication Controller.  
 Provision is made for both online operations with a host IBM System/370 and offline operation.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2178

SYSTEM/370 - DOS/VS TIRE INVENTORY CONTROL SYSTEM BOSS-LINCO LINES, INC. SYSTEMS GUIDE MANUAL IUP 5796-AHF, FEATURE 8629  
 This manual is designed to familiarize the user with the system and aid in its implementation and modification. This manual is for the system analyst and programmer for use during the systems test.  
 Modification aids are provided to assist the systems analyst in adapting these programs to the user's requirements.  
 Manual, 148 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2179

TIRE INVENTORY ANALYSIS SYSTEM BOSS-LINCO LINES, INC. SYSTEMS GUIDE, IUP 5796-AHG, FEATURE 8630  
 This manual is designed to familiarize the user with the system and aid in its implementation and modification. This manual is for the system analyst and programmer for use during the systems test.  
 Modification aids are provided to assist the systems analyst in adapting these programs to the user's requirements.

Manual, 88 pages  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY



LY20-2184

NATIONAL CENTRAL BANK DOS/CICS/VS PERSONAL TRUST SYSTEM WITH ON-LINE INQUIRY AND DATA ENTRY FACILITIES, IUP 5796-AHH, SYSTEMS GUIDE

National Central Banks Personal Trust System includes online and batch programs designed to provide online inquiry into trust files and online data entry of monetary and maintenance activity. Batch functions provide for extensive editing and reporting on daily, weekly, monthly, and other cyclic processing activities. Automated pricing, automated beneficiary check preparation, common fund participant account and daily temporary investment fund accounting are among the facilities provided by the system, automatic generation of transaction descriptions, turn-around transactions, and automatic fee computations are provided where possible.

This manual contains detailed narrative descriptions of each program, modification aids, installation instructions, and a guide for possible conversion activity.

Manual, 8 1/2 x 11 inches, 608 pgs, 10/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2194

TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB SYSTEMS GUIDE

This manual describes programming techniques on the more complicated programs in the system. Possible modification aids to the latter are discussed. Error messages used in the system and a glossary of terms are also included.

Manual, 28 pages, 1/76

LY20-2201

HIPODRAW, IUP 5796-PFF, SYSTEMS GUIDE

HIPODRAW is a program that generates HIPO (Hierarchy plus Input-Output) and visual table of contents diagrams. HIPODRAW can process user input submitted in batch mode under DOS/VS or OS/VS or in interactive mode with TSO or VM/370. The desired diagrams are produced on an IBM 1403 or IBM 3211 printer.

This publication describes the internal logic of the HIPODRAW program. It is intended for use by persons involved in the maintenance of the HIPODRAW system or in changing built-in defaults. The principal purpose of this publication is to serve as a guide to the program listings with which it is to be used.

Manual, 34 pages, 6/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2202

PANEL - A LINE ART TECHNIQUE IUP 5796-PFJ, SYSTEMS GUIDE

This manual presents the flowcharts, decision tables, and program descriptions necessary for an installation to maintain this set of programs.

Manual, 58 pages, 1/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2207

ONLINE LIST MAINTENANCE, IUP 5796-AJH, SYSTEMS GUIDE

This manual provides the information a programmer or analyst would require if modifying or installing the List Maintenance System.

Manual, 98 pages, 11/75

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2215

ONLINE APPLICATION SIMULATION MACROS, IUP 5796-AJZ, SYSTEMS GUIDE

This manual presents an explanation of the execution code with flowcharts for the new FLD/SUM macros. Also included are detailed installation procedures.

Manual, 28 pages, 2/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2224

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) RATING/RATE AUDIT LOGIC, PROG NOS 5795-AAM (OS/VS1), 5795-AAN (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual Storage (FERST/VS) is an advanced teleprocessing (TP) system operating under Customer Information Control System/ Virtual Storage (CICS/VS), designed to provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Rating/Rate Audit allows a user to apply and audit freight rates on freight bills at any location in the computer network using the IBM 3270 Visual Display Station.

This manual provides information regarding detailed program logic of the FERST/VS Rating/Rate Audit system.

Manual, 8 1/2 x 11 inches, 304 pgs, 7/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2231

PRINTTEXT/370, LIC PROG 5799-ALR, LOGIC

The PRINTTEXT/370 system provides high quality typesetting and text corrections for commercial printers, newspaper, book, and magazine publishers, in an environment that allows daily data processing activities to run concurrently on the same System/370. This Programming RPQ is available on special quotation only.

Executing under the IBM Disk Operating System with Virtual Storage (IBM DOS/VS), PRINTTEXT/370 supports a variety of input/output devices, as well as the IBM System/7 for job input and output.

This publication includes descriptions of the PRINTTEXT/370 system functions for those interested in understanding and maintaining the program logic of the system.

Manual, 120 pages, 9/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2235

APL FORECASTING USING TIME SERIES ANALYSIS SYSTEMS GUIDE, IUP 5796-PFX, FEATURE 8658

This manual contains information on the design and coding of the APL Forecasting Program Package.

It includes listings of all functions and their interrelations.

It is intended as an aid for modification, maintenance, and identification of error conditions.

This IUP is designed as an interactive APL based tool for modeling and forecasting using Time Series Analysis.

The techniques used were developed by Box and Jenkins. The APL Forecasting Program Package. It includes listings of all functions and their interrelations.

It is intended as an aid for modification, maintenance, and identification of error conditions.

This IUP is designed as an interactive APL based tool for modeling and forecasting using Time Series Analysis.

The techniques used were developed by Box and Jenkins.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2251

SCRIPT/370 VERSION 3, IUP 5796-PHL, SYSTEMS GUIDE

SCRIPT/370 Version 3 is an IBM Installed User Program that provides text processing facilities. SCRIPT is designed for use with Virtual Machine Facility/370 (VM/370). It executes as a command of the Conversational Monitor System (CMS), a component of VM/370. This document describes the interface between the SCRIPT program and CMS, the program organization and structure of SCRIPT/370 Version 3, and the algorithms for text processing used by it. It is intended for use by programmers who will maintain or modify the system.

Manual, 8 1/2 x 11 inches, 76 pgs, 10/76

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2253

SYSTEMS GUIDE - DIVIDEND SYSTEM, IUP 5796-PHJ, STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, LOGIC

This manual provides information about the logic and programming techniques used in the Dividend System of the Stockholder Transaction Online Control System. The Basic Stockholder Records and Stock Transfer System (5796-PHh) is a prerequisite for the Dividend System. Additional reference material, i.e., tables, catalogued procedures, etc., is contained in the Systems Guide - Appendix (LY20-2296).

Manual, 8 1/2 x 11 inches, 60 pgs, 3/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2254

SYSTEMS GUIDE - STOCK SPLIT AND STOCK DIVIDEND SYSTEM, IUP 5796-PHK, STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, LOGIC

This manual provides information about the logic and programming techniques used in the Stock Split System of the Stockholder Transaction Online Control System. The Basic Stockholder Records and Stock Transfer System (5796-PHh) is a prerequisite for the Stock Split and Stock Dividend System.

Additional reference material, i.e., tables, catalogued procedures, etc., is contained in the Systems Guide - Appendix (LY20-2296).

Manual, 8 1/2 x 11 inches, 48 pgs, 3/77

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2259

TELEPROCESSING NETWORK SIMULATOR (TPNS) LOGIC PROG 5740-XT4

Teleprocessing Network Simulator (TPNS) is a terminal simulation tool designed to enable the user to test and evaluate teleprocessing application programs without the necessity of having terminals and terminal operators present. TPNS supports binary synchronous (BSC), synchronous data link control (SDLC), and start/stop terminal and line displays. TPNS and its support programs may be used to determine system performance and response times, evaluating teleprocessing network design, functional test repeatability, and automating regression test procedures.

This manual describes the logic of TPNS. It is designed for those who maintain and use TPNS.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2260

PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VS) LIC PROG 5740-XT3, 5746-XT1, 5748-XT2, 5740-XT5, LOGIC (DL/I OS), 5746-XT1 (DL/I DOS), 5748-XT2 (CMS), 5740-XT5 (TSO)

Planning Systems Generator II Virtual Storage (PSG II/VS)

gives the user the means to rapidly produce and evaluate a variety of financial plans. It offers the user a simple method for specifying planning data, establishing computational logic to be applied to the data, and for generating data displays and reports. PSG II/VS is similar in design to PSG I but offers many significant improvements.

PSG II/VS may be applied to the solution of planning problems for financial management and also for any division or department of a company with a planning function, such as personnel or manpower planning, marketing projections, short-range budgeting, and other projects.

PSG II/VS-CMS and PSG II/VS-TSO are interactive versions that make the PSG application available from a terminal in either the CMS or TSO environment.

The DL/I Data Base Read Feature provides read-only access to DL/I data bases.

The purpose of this manual is to assist the systems programmer/analyst in maintaining and/or modifying the PSG II/VS program products.

This manual is to be used in conjunction with the source code supplied with the basic machine-readable material for each program.

Manual, 8 1/2 x 11 inches, 88 pages, 12/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2261

FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC, VOLUME 5, PROGS 5795-AAH EQUIPMENT CONTROL (OS/VS) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)

Freight and Equipment Reporting System for Transportation/Virtual System (FERST/VS) is an advanced teleprocessing system operating under CICS/VS. It can provide the operations management of a motor freight carrier with timely and accurate information.

FERST/VS Equipment Control provides real-time reporting of linehaul equipment departures and arrivals. Inquiries and reports provide timely information regarding equipment location and status. By using system messages to associate shipments and equipment, the user can monitor the current shipment locations.

Volumes 2, 3, 4, and 5 of the Logic Manual contain, in alphabetic sequence, the flowcharts for all the modules of the FERST/VS Equipment Control System.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2263

STAIRS/DOS/VS LOGIC VOL 1 BATCH UTILITY PROGRAM & INTERFACE TO ONLINE CONTROL PROGRAMS

STAIRS/DOS/VS is a system of programs for the storage of information in the form of data bases. Subsequent retrieval of selected items of information from these data bases is done by an online dialog of the user with the system through terminals. The teleprocessing control functions for STAIRS/DOS/VS are provided by the IBM Customer Information Control System/VS (CICS/DOS/VS). STAIRS/DOS/VS operates in an IBM System /370 DOS/VS environment. This manual provides detailed information on the logic and structure of the system and its components. The reader should be familiar with the IBM System/370, DOS/VS, and CICS/DOS/VS.

The manual is divided into two volumes which cover the following major subjects:

- Volume I: Batch Utility Programs and Interface to Online Control Programs
- Volume II: Online Subsystems (Retrieval Functions and Master Terminal Operations)

Each volume is composed of two parts. Part 1 contains the narratives, and part 2 contains all pertinent flowcharts.  
Manual, 8 1/2 x 11 inches, 360 pgs, 6/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2264

STORAGE AND INFORMATION RETRIEVAL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE (STAIRS/DOS/VS) LOGIC MANUAL PROG PROD 5746-XR4 VOLUME II: ONLINE SUBSYSTEMS

STAIRS/DOS/VS is a system of programs for the storage of bulks of information in the form of data bases, for the subsequent retrieval of selected items of information from these data bases in an online dialog of the user with the system through terminals. The teleprocessing control functions for STAIRS/DOS/VS are provided by the IBM Customer Information Control System/VS (CICS/DOS/VS) operating in an IBM System/370 DOS/VS environment.

This manual provides detailed information on the logic and structure of the system and of its components. The reader should be familiar with the IBM System/370, DOS/VS and CICS/DOS/VS.

The manual is divided into two volumes which cover the following major subjects:

- Volume I: Batch Utility Programs and Interface to Online Control Programs
- Volume II: Online Subsystems (Retrieval Functions and Master Terminal Operations)

Each volume is composed of two parts. Part 1 contains the narratives, and part 2 contains all pertinent flowcharts.

Manual, 8 1/2 x 11 inches, 648 pages, 2/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2265

FINANCIAL SERVICES TERMINALS SUPPORT FOR THE IBM 3606 AND 3608, PRPQ P09004, LOGIC, LIC PROG 5799-ARD (DOS/VS)  
This manual describes the programming RPQ which supports the IBM 3606 and 3608 Financial Services Terminals in the financial institution environment. Provision is made for both online operations with a host IBM System/370 and offline operations.

This RPQ is available on special quotation only.

Manual, 131 pages  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2271

ACTION CENTER SUPPORT SYSTEM FOR CICS/OS/VS AND CICS/DOS/VS, IUP 5796-ALY, -ALZ, SYSTEMS GUIDE

This manual is designed to assist those individuals who wish to perform modifications to the Action Center Support System. The primary reference document is the source code. This manual presents detailed file layouts, data element descriptions, screen layouts, and a dictionary of categories.

Manual, 8 1/2 x 11 inches, 40 pgs, 1/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2276

ONLINE BUDGET ACCOUNTING SYSTEM - IUP 5796-ANC, SYSTEM GUIDE

This manual describes the procedures required to install and modify the CICS/VS Online Budget Accounting System. Entries in CICS/VS tables and other system reference information is included.

System guide, 8 1/2 x 11 inches, 56 pgs, 4/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2278

ONLINE NEWSPAPER CIRCULATION SYSTEM (CICS/VS) IUP 5796-ANP (OS/VS), 5796-ANQ (DOS/VS) SYSTEMS GUIDE

This manual contains program logic descriptions for both the online and batch programs as well as record layouts for the IUP files. It is intended to aid systems or applications programmers in converting existing user files and modifying IUP programs.

Systems Guide, 8 1/2 x 11 inches, 76 pgs, 8/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2283

ADVANCED TEXT MANAGEMENT SYSTEM-II: 3270 TEXT FEATURE SUPPORT DESCRIPTION/REFERENCE MANUAL, PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS)

Advanced Text Management System-II (ATMS-II) consists of control and functional programs that direct many text processing activities concurrently through keyboard-printer or display terminals attached to an IBM System/370. Written to operate under an IBM CICS/VS Program Product, ATMS-II runs in a multiprogramming environment. It will run concurrently with, and independently of, other applications within the CICS/VS environment, as well as tasks in other partitions or regions. This manual provides information to persons involved with the installation of this support and the system, as well as those involved in display terminal operations. These persons include: system programmers, system administrators, display terminal operators, privileged terminal operators, and control terminal operators.

Manual, 8 1/2 x 11 inches, 56 pages, 10/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2284

ADVANCED TEXT MANAGEMENT SYSTEM-II (ATMS-II) LOGIC, PROG PROD 5740-XXV (ATMS-II/OS/VS) 5746-XXG (ATMS-II/DOS/VS)

The advanced Text Management System-II (ATMS-II) consists of control and functional programs that direct many text processing activities concurrently, using keyboard-printer terminals or an information display system attached to an IBM System/370. ATMS-II operates concurrently with, and independently of other applications in an IBM CICS/VS program product environment.

This manual provides the logic description required by those persons responsible for the maintenance of ATMS-II.  
Manual, 8 1/2 x 11 inches, 372 pages, 11/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2285

INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 LOGIC (CURRENT RELEASE)

The IBM Interactive Instructional System provides an environment allowing for individualized instruction.

This publication contains the program logic descriptions required by those persons responsible for the maintenance and modification of the Interactive Instructional System.

Manual, 180 pages, 2/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

## LY20-2296

STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM SYSTEM GUIDE - APPENDIX

This manual is intended to be an appendix to each of the individual system guides dealing with this system (LY20-2252, LY20-2253, LY20-2254). This manual contains listings of the catalogued procedures, tables and DSECTS needed for installing and executing the sample program.

Manual, 8 1/2 x 11 inches, 524 pgs, 4/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2298

APL GPSS FOR VS APL, IUP 5796-PJG, SYSTEM GUIDE  
This manual provides information for system analysts, programmers, and others who wish to make alterations to the program. It will be helpful to those desiring a fuller understanding of the program components also.  
Manual, 8 1/2 x 11 inches, 28 pgs, 1/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2299

AUTOMATED TELLER HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VS IUP 5796-A2T, SYSTEMS GUIDE  
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
For further information about this program, see abstract for SH20-2028.  
Manual, 8 1/2 x 11 inches, 140 pages, 1/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2300

ILLINOIS NATIONAL BANK OFF LINE TELLER SYSTEM W/3600, IUP 5796-ANR, SYSTEMS GUIDE  
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance. This Installed User Program is installed at Illinois National Bank in Springfield, Illinois. The product provides the user the ability to install an IBM 3600 Finance Communication System in an offline mode, as well as providing on-line inquiry to a customer information file. It supports 3604 and 3612s.  
The following Teller transactions are provided:  
o check cashing  
o deposits to checking  
o deposits to savings  
o withdrawals from savings  
o account inquiry into savings  
o account inquiry to checking  
o savings passbook updates  
o payment of mortgage, automobile, installment loans  
o account inquiry to installment loans  
o account inquiry to mortgage loans  
o miscellaneous payments  
Manual, 8 1/2 x 11 inches, 60 pgs, 7/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2302

CARDHOLDER ACCOUNTING, IUP 5796-AQR, SYSTEMS GUIDE  
The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.  
The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQP). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.  
Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2303

ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, SYSTEMS GUIDE  
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.  
The Online Student Registration and Accounting System Installed User Program 5796-ANW developed by William Rainey Harper College, in Palatine, Illinois, was designed to meet the comprehensive needs of an educational institution with complex reporting requirements, non-traditional education methods, and dispersed teaching locations.  
Using experience gained from implementing online registration systems in the late 1960s, Harper designed this product around three major components:  
o Curriculum Development  
o Student Registration  
o Cashier/Bursar Activities  
Curriculum Development involves all steps required to develop an institution's Master Schedule of courses. The Student Registration provides the capability of registering students into classes. The Cashier/Bursar Activities enables the college to monitor student payments generated by the registration process.  
Manual, 8 1/2 x 11 inches, 172 pgs, 8/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2306

HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ANY, SYSTEMS GUIDE  
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the

system to enable him to make modifications, diagnose program errors and perform program maintenance.

The Health Care Support/DL/I - Patient Care System is a hospital wide computer information system that provides a communication link among the admissions office, nursing stations, ancillary departments, accounting, and the Medical Records Department. This system was developed by the Duke University Medical Center in Durham, North Carolina, to facilitate, expedite, and integrate the delivery of health care services and the operation of the hospital through efficient data processing. It is a user driven system through which the service departments and nursing stations may manipulate and manage patient records. This is accomplished by entering doctors' orders through video displays on the nursing stations. The orders are transmitted to the appropriate ancillary departments, as well as being added to the patient's data base record. The ancillary departments have the ability to display and/or print work to be done (worklists) and to enter results. Results may then be transmitted back to the nursing station in hard copy form to become a part of the chart, if desired. The result becomes a part of the patient's data base record and is available for inquiry through a video display to authorized personnel. Cumulative summaries may also be produced. Charges for these services are automatically collected and made available to the accounting system. Upon patient discharge, medical record abstracts are prepared.

The system provides support for the ancillary departments at Duke University Medical Center. However, it is implemented in such a way that it is easily modifiable to meet individual hospital needs. It can also be implemented in a modular fashion supporting those departments deemed necessary in each individual hospital.

Highlights of the system include:

- o Doctor's orders are transmitted to the appropriate ancillary department, and made part of the patient's record.
- o Results become part of the data base and are transmitted to the appropriate area.
- o Inquiry to determine order status and/or results.
- o Inquiry of worklists in service departments
- o Nursing Care plan for each patient by shift.
- o Medication plans by nursing station.
- o Medical Record Abstracts.

A member of the Health Care Support Family, the Patient Care System features:

- o Data Communications using CICS/OS/VS.
- o Data Base Support with IMS/VS-DB
- o Modular Growth Capability.
- o Use of PL/I and Assembler Language.

Ease of Installation:

- o Screens and procedures may be added or modified without programming changes.
- o Processing is determined externally by the user, not by programming.
- o The system includes screens and logic developed and in use by Duke University Medical Center.
- o Builds on the data base established by HCS/DL/I-Registration and HCS/DL/I-Admissions.

Systems Guide, 8 1/2 x 11 inches, 403 pgs, 11/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2307

HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ANY, DESIGN AND CODING GUIDE  
This document announces release of the IUP, The Health Care Support/DL/I - Patient Care System, a hospital wide computer information system that provides a communication link between the admissions office, nursing stations, ancillary departments, accounting, and the Medical Records Department. This system was developed by the Duke University Medical Center in Durham, North Carolina, to facilitate, expedite, and integrate the delivery of health care services and the operation of the hospital through efficient data processing. It is a user driven system through which the service departments and nursing stations may manipulate and manage patient records. This is accomplished by entering doctor's orders through video displays on the nursing stations. The orders are transmitted to the appropriate ancillary departments, as well as being added to the patient's data base record. The ancillary departments have the ability to display and/or print work to be done (worklists) and to enter results. Results may then be transmitted back to the nursing station in hard copy form to become a part of the chart, if desired. The result becomes a part of the patient's data base record and is available for inquiry through a video display to authorized personnel. Cumulative summaries may also be produced. Charges for these services are automatically collected and made available to the accounting system. Upon patient discharge, medical record abstracts are prepared.

The system provides support for the ancillary departments at Duke University Medical Center. However, it is implemented in such a way that it is easily modifiable to meet individual hospital needs. It can also be implemented in a modular fashion supporting those departments deemed necessary in each individual hospital.  
Manual, 8 1/2 x 11 inches, 180 pgs, 11/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2308

FIRST NATIONAL BANK OF MARYLAND ONLINE PAYROLL & PERSONNEL SYSTEM CICS/OS/VS, IUP 5796-AKH, SYSTEMS GUIDE  
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

This Installed User Program, the Onlines Payroll and Personnel System was developed by First National Bank of Maryland to satisfy a need for timely data and for inquiry into individual employee records without a search through printed reports. The result is a complete payroll and personnel system providing online inquiry, data entry, and data update.

With both the payroll and personnel departments at FNB involved in the system design, one file was designed to contain all the personnel and payroll information for each employee. Other files carry employee historical information, departmental totals, tax rates and other basic information and an alphabetic listing of employees.

Personnel reporting capabilities include personnel listings, termination reports, salary analysis, review sheets, staffing reports, attendance reports and turnover reports.

Payroll reporting includes earnings statements, stock reports, W2 and 941A forms, payroll register, deduction register, termination listing, no-pay/deduction-not-taken reports, and overtime reports. The system handles a biweekly payroll, in addition to providing for incentive pay. Retirement plan, stock plan and equal employment opportunity records are included.

This system operates under OS/VS1 and CICS/OS/VS. The programs are written in ANS COBOL  
Manual, 8 1/2 x 11 inches, 16 pages, 9/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

- . Floating teller capability
- . Electronic journaling
- . Magnetic stripe processing
- . Automatic re-entry of off-host transactions

The programming techniques used allow this program to support as many as fifteen (15) workstations without a need for overlay structures. Output editing techniques permit flexible user document design and a large variety of display messages.

The teller applications which can be implemented using this application program include savings accounts, club accounts, utility payments, loan payments, teller checks, money orders, demand deposit accounts (DDA), and new loans.

This program can interface with a variety of central site environments. It supports the use of Bi-synchronous line control or Synchronous Data Link Control. This product is to be licensed to a 3600 controller.

Manual, 100 pages, 1/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2313

CARDHOLDER ACCOUNTING, IUP 5796-AQR, USER'S GUIDE

The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQR), and Merchant Accounting/Data Entry (5796-AQR). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2309

LABORATORY DATA MANAGEMENT SYSTEM ENHANCEMENTS, IUP 5796-APB, SYSTEM GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

Laboratory Data Management System - Enhanced is an update to the existing Laboratory Data Management System (LDMS IUP No. 5796-AHD) providing additional function to the LDMS user. IUP 5796-AHD remains a separately orderable product and is a pre-requisite for these Enhancements. This product is the system used at The University of Alabama in Birmingham.

The major addition to the system is the Pathology subsystem. Orders and results can be entered and displayed for Surgical Pathology, Cytology, Bone Marrow, and Autopsy. Coded pathologists findings can be stored and can be selectively retrieved based on parameters supplied by the user.

Other enhancements include:

1. Comments may be entered with Blood Bank cross match results.
2. Calculations can be made online to produce lab results based on other results.
3. Online editing of extreme results is provided. Such results can only be entered as a comment.
4. Abnormal result values are flagged on the printed cumulative summary. High and low limits are selected by the user.
5. The test definition file can be updated online via CRT.
6. A printed cumulative history for any patient can be requested.
7. Comments can be entered during order entry.

Manual, 8 1/2 x 11 inches, 76 pages, 1/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2316

MERCHANTS ACCOUNTING/DATA ENTRY, IUP 5796-AQP SYSTEMS GUIDE

The Alamo National Bank Credit Card System is a "total system" touching on every facet of credit card operations. This system is capable of handling multi-bank, multi-bank plan and multi-card processing to the extent that all major and many minor operational functions have been completely automated.

The system is modular in format so that any sub-system can be used independently. The major sub-systems are Cardholder Accounting (5796-AQP), and Merchant Accounting/Data Entry (5796-AQP). All programs are modularly written in ANSI COBOL with the on-line component adapted to CICS.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2319

TREND ANALYSIS/370, LIC PROG 5740-F12, LOGIC

Trend Analysis/370 is an easy-to-use, interactive, IMS/VS based computer application designed to allow presentation of time series data in tabular report form on an IBM 3270 Information Display Station or graphically, with use of the System/7 Color Graphics Support Feature (5707-F12), on a color television monitor. Time series numerical data either from an organization's internal systems or from the external environment can be formatted and stored for use by the system. Data retrieval and display can be customized to make the actual use of the information as simple and meaningful as possible.

This manual:

- o Provides information on the design, logic flow, and coding of Trend Analysis/370
- o Describes special processes and techniques used by Trend Analysis/370

Manual 8 1/2 x 11 inches, 192 pages, 11/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2310

THE BANK TELLER 3600 APPLICATION PROGRAM, IUP 5796-ARD, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

This IUP is based on the systems installed at East New York Savings Bank and Prudential Savings Bank both located in New York, NY.

The New York City 3600 Application Program, subsequently referred to as the 3600 AP, is designed to run in an IBM 3600 Finance Communication Controller. The 3600 AP accepts teller transactions which are edited, verified, transmitted to a central computer and recorded into a 3600 file for later retrieval. Additionally, it accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages. The 3600 AP also provides control functions which are completely processed within the Controller and are not transmitted to a central computer. These functions are invoked by terminal transactions and give the branch control over the operation of the system.

The New York City 3600 Application Program has many built-in functions which enhance the total teller operation, permits branch control over the system, and supports the efficient use of the 3600 Finance Communication System. Some of the functions which enhance the teller operation are:

- . Full transaction prompting for input and output

LY20-2321

HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2, LOGIC, PROG PROD 5748-H11

The Health Care Support/Electrocardiogram (ECG) Analysis Program Version 2 provides batch processing for the computerized analysis of electrocardiograms. The program is written in Basic Assembler Language and PL/I.

This publication contains flowcharts for all program routines, layouts of common area variables, and storage allocations for all routines. It is intended for use by programmers wishing to learn more about the program operation and for those engaged in program modifications.

Manual, 8 1/2 x 11 inches, 164 pages, 11/76  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2343

FINANCIAL SERVICES TERMINALS SUPPORT FOR 3606 AND 3608, RPQ P09005, LOGIC, PROG 5799-ARE

This manual describes the programming RPQ which supports the IBM 3606 and 3608 Financial Services Terminals in the financial institution environment. Provision is made for both online operations with a host IBM System/370 and offline operations.

This RPQ is available on special quotation only (see inside front cover).

Manual, 8 1/2 x 11 inches, 252 pages, 3/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2346

CREDIT MANAGEMENT/VIRTUAL STORAGE PRPQ #MH4661 LOGIC MANUAL  
This manual contains information needed to understand the program logic of Credit Management/VS. This programming RPQ is available on special quotation only (see inside front cover). All program modules are identified, categorized, and explained through narrative discussions and flowcharts. System tables and work areas are described. The user of this manual must be familiar with the logic of the Customer Information Control System (CICS/OS/VS) and the Display Management System/VS (DMS/OS/VS).

This manual is intended for use by system programmers and application programmers.  
Flyer, 384 pages, 2/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2348

DENSITY SLICING FEATURE TO EARTH RESOURCES - MANAGEMENT II (ER-MAN II), PROG PROD 5799-ARX, PRPQ MH2256, LOGIC  
The Density Slicing Feature, an extension of the image manipulation and display capabilities of ER-MAN II, allows an earth scientist to highlight selected intensities of digital images. This manual presents the logic flow of density slicing, the register usage, and special processing techniques used.

Manual, 8 1/2 x 11 inches, 32 pgs, 8/77  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2359

MAINTENANCE, ENGINEERING AND STORES SYSTEM PROBLEM CORRECTIVE/REPORTING, IUP 5796-ARP, SYSTEMS GUIDE  
The North Central Airlines Maintenance Engineering and Stores System for S/370 OS/VS2 MVS offers a multi-industry solution to problems in such areas as control of maintenance, preventive maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.

Manual, 8 1/2 x 11 inches, 448 pages, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2360

MAINTENANCE, ENGINEERING AND STORES SYSTEM CATALOG INQUIRY/PARTS ORDERING, IUP 5796-ARQ  
The North Central Airlines Maintenance Engineering and Stores System for S/370 OS/VS2 MVS offers a multi-industry solution to problems in such areas as control of maintenance, preventive maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.

Manual, 8 1/2 x 11 inches, 116 pages, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2361

MAINTENANCE, ENGINEERING AND STORES SYSTEM - COMPONENT MAINTENANCE, IUP 5796-ARR, SYSTEMS GUIDE  
This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

The North Central Airlines Maintenance Engineering and Stores System for S/370 OS/VS2 MVS offers a multi-industry solution to problems in such areas as control of maintenance, preventative maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.

Manual, 8 1/2 x 11 inches, 148 pages, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2362

MAINTENANCE, ENGINEERING AND STORES SYSTEM TIME ON PARTS/FORECASTING, IUP 5796-ARW SYSTEM GUIDE  
The North Central Airlines Maintenance Engineering and Stores System offers a multi-industry S/370 OS/VS2 MVS solution to problems in such areas as control of maintenance, preventive maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.

Manual, 8 1/2 x 11 inches, 64 pages, 6/78

LY20-2366

GRAPHIC ONE-LINE DIAGRAM DISPLAY, LIC PROG 5798-CWX, SYSTEMS GUIDE  
The Graphic One-Line Diagram Display Program computes an electrical one-line diagram for display on a graphics terminal and provides command system for editing and querying the data. The program could also be used with a user's load flow program to provide an interactive load flow. This Systems Guide is directed toward system analysts and programmers with responsibility for generating one-line diagrams and executing load flows. This manual includes 1) descriptions of the algorithms used in the program; 2) descriptions on how to interface a load flow program.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2375

PROJECT EVALUATION AND CONTROL SYSTEM, IUP 5785-EAE, SYSTEMS GUIDE  
The Project Evaluation and Control System is designed to

plan, track, and control projects with manning levels between 3 and 15 people. It is especially suited to DP development projects. The IUP offering consists of an integrated set of forms, procedures, and APL functions to establish the personnel resources required to produce a system or product and trace the performance of project members in meeting the project schedule.  
Manual, 8 1/2 x 11 inches, 224 pages, 12/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2412

LABORATORY DATA MANAGEMENT SYSTEM II, IUP 5796-AWC, SYSTEMS GUIDE

The Laboratory Data Management System II (LDMS II) is the system currently supporting the laboratories at the University of Alabama in Birmingham. This IUP assists the laboratory in handling patient and laboratory data associated with total processing of laboratory requisitions from their receipt to the production of the patient's cumulative test results report. It supports all sections of the laboratory including microbiology, blood bank and pathology. Its primary objectives are to reduce the clerical workload, reduce error, decrease turn-around time and produce a patient's cumulative summary of test results.

LDMS II supersedes Laboratory Data Management Systems (5796-AHD) and Laboratory Data Management Systems - Enhancements (5796-APB). LDMS II incorporates all of the features of these previous two IUP's plus some recent additions. The major change is the exclusive use of VSAM.  
Manual, 8 1/2 x 11 inches, 72 pages, 4/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2413

LABORATORY DATA ACQUISITION SYSTEM IUP 5796-AWH SYSTEMS GUIDE

The Laboratory Data Acquisition System provides operational support facilities to acquire data from clinical laboratory instruments directly into a computer. The system is an extension of the laboratory Data Management System II (IUP 5796-AWC) and is designed to be used in conjunction with it. The system supports a Series/1 attached over a communication link to a S/370. The clinical laboratory instruments are attached to the Series/1 via an RS232C interface. This interface may be integrated with the instrument or provided as a separate device by the customer. The Laboratory Data Acquisition System provides the ability to build an instrument related load list from any type of worklist. This list is used to set up the laboratory instrument. As the test begins, specimen identification data and test results are stored in the Series/1 to which the instrument is attached. After the run, this data is transmitted to the System/370 and stored in the load list. The results can then be verified and subsequently transferred to support laboratory instruments other than those supplied.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2415

A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PLN, SYSTEMS GUIDE

A Departmental Reporting System Version 2 is a system designed to allow a business professional with little or no DP experience to produce reports customized to his requirements. It is written in VSAPL and operates under all current VSAPL environments.

This manual contains information to assist the systems programmer in the installation and maintenance of the system.

Manual, 8 1/2 x 11 inches, 108 pages, 9/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2419

HEALTH CARE SUPPORT/DL/I UTILIZATION REVIEW SYSTEM, IUP 5796-AWN, SYSTEMS GUIDE

The Utilization Review System Installed User Program was developed at Forsyth Memorial Hospital in Winston-Salem, NC. Utilization review is one of the major mechanisms required by the Federal Government and local institutions designed to contain hospital costs while monitoring the necessity and quality of patient care. This review process included: determining the necessity of an admission, the appropriateness of continued hospital stay and the effectiveness of discharge planning.

The Utilization Review System IUP is an on-line tracking and data base maintenance package that assists the hospital in performing these required procedures. Worksheets are prepared for the planning and scheduling of admission, continued stay and discharge planning reviews. Based on user-specified criteria, the patient will automatically be entered or removed from the review process. The on-line functions permit Utilization Review personnel to enter, review data and update the patient's record. The daily and monthly statistical reports for daily hospital operations and institutional reporting requirements are produced by the system.

The Utilization Review System IUP is compatible with and complimentary to the prerequisite Health Care Support/DL/I Patient Registration System (5798-CCH) and the Health Care Support/DL/I Admission System (5798-CCC).

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2422

COMMERCIAL BANK 3600 TELLER APPLICATION PROGRAM, IUP 5796-AXK SYSTEMS GUIDE

This manual describes the design logic and the coding of the 3600 Application Program. It provides the systems and application programmers with information for making program modifications, diagnosing errors and performing program maintenance.

Manual

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when used in conjunction with the source code comments, describes the data structures, procedures, and algorithms used in the PRPQ. It is intended for system programmers and application programmers who maintain the PRPQ.

Flyer, 164 pages, 10/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2446

DISTRIBUTED SYSTEMS EXECUTIVE (DSX), LIC PROG 5748-XXG LOGIC

This manual describes the internal logic of the Distributed Systems Executive (DSX). It is intended primarily for system engineers and system programmers who are concerned with DSX maintenance or modification.

Manual, 324 pages, 11/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2425

THE FINANCIAL ANALYSIS AND CREDIT EVALUATION SYSTEM, IUP 5796-AWY, SYSTEMS GUIDE

The Financial Analysis Credit Evaluation System was developed at First National Bank in St. Louis. The Installed User Program performs analyses of standard financial statements. The system can produce both historical and projected future analyses. Functions are provided to the user for inputting and editing the information contained in a firm's financial statement - balance sheets and income statements. The output of an analysis consists of a set of six reports:

1. Balance Sheet
2. Income statement
3. Reconciliation of Net Worth
4. Sources and Uses of Funds
5. Ratio Analysis
6. Key Assumptions

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2452

DMS/3790, LIC PROG 5748-XC2, LOGIC

This manual contains detailed information on the Display Management System/3790 (DMS/3790) program logic. All program modules are explained through HIPOs and narrative discussion.

This manual is intended for use by system programmers and application programmers.

Manual, 404 pages, 8/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2432

DORTMUND LIBRARY SYSTEM, IUP 5787-DAA, SYSTEMS GUIDE

The Dortmund Library System provides the cataloging and catalog search functions for a library information management system. The cataloging function handles monographs and serials. Updates to the database are performed online. Sub-functions include add new document, modify catalog record, transfer record, add copy, and authority file control. Catalog search allows access by IC card number, ISEN, ISSN, call number, name, subject, title, publisher, document number and miscellaneous numbers.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2453

DMS/3790 COMMUNICATIONS INTERFACE MONITOR FEATURE (CIM), LIC PROG 5748-XC2, LOGIC

This manual contains detailed information on the Display Management System/3790 (DMS/3790) Communications Interface Monitor (CIM) feature.

All program modules are explained through HIPO diagrams.

Manual, 328 pages, 8/78

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2433

LEUVEN LIBRARY SYSTEM - BATCH, IUP 5787-FAH, SYSTEMS GUIDE

The Leuven Library System - Batch produces cataloging outputs (catalogue cards, accession lists, COM catalogues) and the documents and listings necessary for circulation and acquisitions. This Installed User Program was designed to complement the Dortmund Library System (IUP 5787-DAA) and the Leuven Library System-Online circulation and acquisition modules (IUP 5787-FAJ). This IUP was designed for university, public, special, and national libraries.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2454

3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/V5), 5746-F57 (DOS/V5), LOGIC MANUAL

This program product is designed to assist financial institutions in installing IBM 3614 and/or 3624 Consumer Transaction Facilities by providing transaction programs and various other programs to support an operational 3614/3624 network.

Manual, 256 pages, 3/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2457

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, LOGIC

The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer database and related account databases for the financial institution. Online inquiry capability to the databases is provided through either the IBM 3270 Information Display System or the 3600 Finance Communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.

Manual, 592 pages, 6/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2434

LEUVEN LIBRARY SYSTEM-ONLINE, IUP 5787-FAJ, SYSTEMS GUIDE

The Leuven Library System - Online is an on-line, easy-to-use circulation and acquisition system. Designed as a complement to the Dortmund Library System (IUP 5787-DAA) the Leuven Library System - Online can help solve the circulation and acquisition problems of university, special, and national libraries.

Documents are charged out and checked in online with a bar-code scanner attached to a display station. Loan, overdue, and fine policies help tailor the circulation procedures to the needs of individual libraries. Borrower registration, the placement of holds, renewals, and most other circulation activities are also handled online. Files are updated immediately, thus assuring up-to-date circulation status information.

Orders are entered and documents and invoices received online. A policy regulates the timing of claims for overdue orders. Other online functions include paying invoices, credit and debit notes, interlibrary loans, financial control, and subscription renewals.

The format and content of notices and listings needed for circulation and acquisitions are specified separately online for each library in the network.

Manual

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2458

NETWORK EXTENSION FACILITY FOR AIRLINES CONTROL PROGRAM TRANSACTION PROCESSING FACILITY WITH ADVANCED COMMUNICATIONS FUNCTION (PROGRAMMING RPQ P09021, LIC PROG 5799-AZF, LOGIC

This manual covers the internal logic of the Network Extension Facility which is a PRPQ based upon Release 2 of the Advanced Communication Facility/Network Control Program/Virtual Storage.

Manual, 8 1/2 x 11 inches, 173 pages, 12/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2444

3277 APL GRAPHICS ATTACHMENT SUPPORT RPQ #P09014, LIC PROG 5799-AXW, LOGIC

This manual is intended for the user or programmer who desires an understanding of this collection of functions for purposes of modification or interfacing with applications programs.

Manual, 44 pages, 4/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2476

ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, LOGIC

The IBM Advanced Data communication for Stores Program Product is designed to enhance batch data communications and support data management in a store information network.

This System/370 program product can be used by food, drug, discount, department store, and other chains and wholesalers to simplify the scheduling and transmission of store data, and to improve data reconciliation and reporting capabilities throughout their dispersed retailing environments.

This manual contains IBM proprietary information which describes the detail structure and operations of this program product. It is made available to licensed users of the program product and to IBM personnel to aid in program maintenance and modification. Reproductions of certain portions of the program listings are included in the manual to enhance problem resolution. The use of any information from this manual, without prior authorization from the International Business Machines Corporation, is prohibited.

Manual, 104 pages, 6/79

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2445

3277 GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXY, LOGIC

This publication describes the internal logic of the IBM 3277 Graphics Attachment Support PRPQ. This information,



LY20-2479

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION STORE DATA MANAGEMENT, LIC PROG 5748-D22, LOGIC  
 POS Application/Store Data Management is designed to enhance the building and modifying of store controller files, the staging of report data for the System/370 host system, and the maintaining of backup files in a companion store controller. This application program product can simplify the management of store information and improve reporting capabilities in a retailing company.  
 This manual provides the organization and internal logic of this program product. It is intended for programmers and service personnel who require in depth knowledge of product design, structure, processing, and data areas for the purpose of program modification and/or maintenance.  
 Manual, 152 pages, 8/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2483

INTERACTIVE GEO-FACILITIES GRAPHICS SUPPORT, LIC PROG 5799-AYB, LOGIC  
 The Interactive Geo-Facilities Graphics support Programming RPQ is a set of high level interactive graphic programs for creating and maintaining graphic documents with a minimum of user programming. Functions are available which provide for data entry, editing, updating and displaying of a geographically oriented facilities data base. Interactive Geo-Facilities Graphic Support is written in FORTRAN IV and OS/VS Assembler, Interactive Geo-Facilities Graphic Support is intended for use on a System/370 with VM/370-CMS or OS/VS2 with Time Sharing Option and with a graphic workstation comprised of a 3277-2 display with the Graphics Attachment RPQ 740284.  
 This manual provides detailed information on the logic and structuring of the system and its components. The reader should be familiar with the Interactive Geo-Facilities Graphic Support application, System/370, FORTRAN, VM/370-CMS or OS/VS2 with Time Sharing Option.  
 Manual, 600 pages, 8/79  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2484

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5740-XYB, LOGIC  
 The Customer Information Facility/VS is a set of batch and online application programs designed to create and maintain a customer data base and related account data bases for the financial institution. Online inquiry capability to the data bases is provided through either the IBM 3270 Information Display System or the IBM 3600 Finance communication System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data base.  
 Flyer, 9/78  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2490

3650 PHARMACY APPLICATION LOGIC  
 A program logic manual describes the internal design or logic of the program. These manuals are intended for persons involved in program maintenance and system programmers who are altering the program design. Program logic information is not necessary for the operation of the program, therefore, distribution of these publications should be limited to persons with maintenance and alteration requirements.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2491

ADVANCED TEXT MANAGEMENT SYSTEM-III LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), LOGIC  
 The Advanced Text Management System-III consists of control and function programs that can concurrently direct many text processing activities through keyboard-printer terminals or an information display system. Operating under control of an IBM CICS/VS program product, the Advanced Text Management System-III runs in a multi-programming environment. It will run concurrently with, and independently of, other applications within the CICS/VS environment, as well as tasks in other partitions or regions.  
 This manual provides the logic description required by those persons involved in the maintenance of the Advanced Text Management System-III.  
 Manual, 8 1/2 x 11 inches, 516 pages, 7/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2495

3680 PROGRAMMABLE STORE SYSTEM/SALES APPLICATION LIC PROG 5735-D62, LOGIC  
 The IBM Sales Application program product, operating within the IBM 3680 Programmable Store System, supports point of sale transactions in a retail organization.  
 This manual describes the logic of the IBM 3680 Programmable Store System/Sales Application program product and provides diagnostic information. It is intended for programmers and service personnel who require in-depth knowledge of the program product design, structure, processing, and data areas for program modification and maintenance. Information needed to install and operate this program product is provided in the Sales Application

Programmer's Guide (SH20-2428), a prerequisite manual.  
 Manual, 8 1/2 x 11 inches, 176 pages, 2/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2505

3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, LOGIC  
 The IBM Store Administration Application program product, operating within the IBM 3680 Programmable Store System provides administrative functions that simplify the management of store information and improve reporting capabilities in a retailing organization. The 3680 Store Administration Application is designed to enhance the Sales Application program product (program number 5735-D61).  
 This manual describes the logic of the IBM 3680 Programmable Store System/Store Administration Application program product and provides diagnostic information for it. It is intended for programmers and service personnel who require in-depth knowledge of the program product design, structure, processing, and data areas for program modification and maintenance. Information needed to install and operate this program product is provided in the Store Administration Application Programmer's Guide, (SH20-2430) a prerequisite manual.  
 Manual, 144 pages, 3/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2506

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, LIC PROG 5668-012, LOGIC (CURRENT RELEASE)  
 The Interactive Instructional Presentation System provides a training and instructional application operating under the major telecommunications and system control program environments.  
 This publication contains the program logic descriptions required by those persons responsible for the maintenance and modifications of the Interactive Instructional Presentation System.  
 Manual, 176 pages, 10/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2507

INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, LOGIC  
 The Interactive Instructional Presentation System and Interactive Instructional Authoring System provide a training and instructional application operating under the major telecommunications and system control program environments.  
 The authoring system provides users with course creation facilities in addition to the course execution and administration capabilities provided by the prerequisite presentation system.  
 This publication contains the program logic descriptions required by those persons responsible for the maintenance and modifications of the presentation and authoring systems.  
 Manual, 8 1/2 x 11 inches, 20 pages, 10/80  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2520

TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, LOGIC  
 Teleprocessing Network Simulator is a terminal simulation tool designed to enable the user to test and evaluate teleprocessing application programs without the necessity of having terminals and terminal operators present. Teleprocessing Network Simulator supports binary synchronous, synchronous data link control, and start/stop terminal and line disciplines. Teleprocessing Network Simulator and its support programs may be used for determining system performance and response times; evaluating teleprocessing network design; functional test repeatability; and automating regression test procedures.  
 This manual describes the logic of Teleprocessing Network Simulator. It is designed for those who maintain and use this program product.  
 Manual, 480 pages, 6/81  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2522

GEO-FACILITY DATA BASE SUPPORT, LIC PROG 5799-BEB, LOGIC  
 Geo-Facilities Data Base Support is a major programming component within the overall architecture of the Distribution Facilities Information System for the public utilities industry.  
 It is designed to support a wide variety of facilities applications from a single source of data that represents a model of the electric and gas distribution facilities network throughout the geographic service territory of a utility. The geo-facility structure can be used for any type of network, such as radial, mesh, transmission, or pipelines if they adhere to the geo-facility structure.  
 The Geo-Facility Data Base Support provides: interface and data bases support.  
 This manual contains detailed information on the design, logic, and coding of the Geo-Facilities Data Base Support programs.  
 Manual  
 SLSS - IBM INTERNAL SUBSCRIPTION ONLY



LY20-2523

DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC  
PROG 5668-004, LOGIC

The Document Interchange Facility is an IBM product offering that is composed of two complementary program products, the IBM Document Interchange Facility/Central and the IBM Document Interchange Facility/Distributed. These two products run on different systems. Document Interchange Facility/Central runs as a CICS/VS application on a host computer, which can be a System/370, a 303X, 308X, or a 4300 system that runs under OS/VS1, OS/VS2 (MVS), or DOS/VSE. Document Interchange Facility/Distributed runs on an IBM distributed system, which can be either the Distributed Office Support Facility/8100 or the 3730 Distributed Office Communication System.

This publication provides logic information for the Document Interchange Facility/Distributed and is intended to be used for the maintenance and modification of the program product.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2524

DOCUMENT INTERCHANGE FACILITY/CENTRAL, LIC PROG 5668-003,  
LOGIC

The Document Interchange Facility is an IBM product offering that is composed of two complementary program products, the IBM Document Interchange Facility/Central and the IBM Document Interchange Facility/Distributed. These two products run on different systems. Document Interchange Facility/Central runs as a CICS/VS application on a host computer, which can be a System/370, a 303X, 308X, or a 4300 system that runs under OS/VS1, OS/VS2 (MVS), or DOS/VSE. Document Interchange Facility/Distributed runs on an IBM distributed system, which can be either the Distributed Office Support Facility/8100 or the 3730 Distributed Office Communication System.

This publication provides logic information for the Document Interchange Facility/Distributed and is intended to be used for the maintenance and modification of the program product.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2525

CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, LOGIC

The Check Processing Executive program products provide a set of magnetic ink character recognition document processing functions for use with the IBM 3694 Document Processor.

Check Processing Executive comprises two program products: Check Processing Executive/3694, the application program support for operating the 3694; and Check Processing Executive/Virtual Storage, the programs for controlling a network of 3694s and providing interfaces to host-resident user applications. This document provides a description of the program logic of Check Processing Executive/3694.

Two other documents describe this program product, the Check Processing Executive/3694 Program Reference and Operations Manual (SH20-2495), and the Check Processing Executive/3694 Operator's Handbook (SH20-2494).  
Manual, 108 pages, 6/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2541

3600 ADMINISTRATIVE APPLICATION SUPPORT, LIC PROG 5748-F55,  
LOGIC

The IBM 3600 Administrative Application Support program product is designed to give officers of financial institutions fast access to customer information stored in the institution's data processing system. This access permits the officer to provide better customer service and to provide more data on which to make decisions.

Manual, 60 pages, 6/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2542

DEVELOPMENT MANAGEMENT SYSTEM/DPCX, LIC PROG 5748-XC4, LOGIC

This program product provides an interactive interface for defining applications and for generating them into 8100/DPCX statements. These statements are then assembled and validated on a System/370 or 4300 and executed on the IBM 8100/DPCX system.

The file inquiry support allows the user to examine the contents of any data structure defined through the Development Management System.

This manual covers the internal logic of this program product.

Manual, 8 1/2 x 11 inches, 380 pages, 11/80  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2556

CHECK PROCESSING EXECUTIVE/VS, LIC PROG 5748-F54, LOGIC

The two Check Processing Executive program products provide a set of magnetic ink character recognition document processing functions for use with the IBM 3694 Document Processor. Check Processing Executive comprises two program products: Check Processing Executive/3694 - the application programs for operating the 3694; and Check Processing Executive/VS - the programs for controlling a network of 3694s from a central host system and providing interfaces to host-resident user applications. This document is designed

to assist in the installation, operation, and maintenance of the user's Check Processing Executive/VS system.

The reader is presumed to be familiar with Check Processing Executive/VS and Check Processing Executive/3694 general characteristics, as described in the Check Processing Executive General Information Manual (GH20-2444) and with the Check Processing Executive/VS Program Reference and Operations Manual (SH20-2495).  
Manual, 100 pages, 6/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2566

TREND ANALYSIS, LIC PROG 5740-XYT, LOGIC

Trend Analysis is an interactive computer application designed to allow presentation of time series data in tabular report form, or graphically in color or monochrome, on IBM 3270 Information Display Stations.

Numerical time series data, gathered either from existing organizational files or from an external source, can be formatted and stored for use by the system. Data retrieval and display can be customized to suit the user's needs, making the actual data use simple and meaningful.

This manual provides information on the internals of the Trend Analysis product for those people responsible for the modification and maintenance of the programs of Trend Analysis.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2567

PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, PRPQ P09033  
LOGIC & PROBLEM DETERMINATION

This publication contains tables of information for system programmers and service personnel. Included are module descriptions, module-to-module flow, module-to-file and module-to-display cross references, and important PROFS execs, files, and control blocks.

Manual, 8 1/2 x 11 inches, 160 pages, 11/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2571

3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC  
PROG 5735-D61, -D62, LOGIC

The IBM 3680 Supermarket Environment (Sales Application and Store Administration Application program products), operating within the IBM 3680 Programmable Store System, provides functions that perform customer checkout and store support procedures using IBM 3684 Model 2 and 3683 Point of Sale Terminals. Data collected during store operations is available for in-store processing and for retrieval by an IBM System/370, 30xx, or 4300 data processing system.

This manual describes the organization and internal logic of this program product. It is intended for programmers and service personnel who require in-depth knowledge of the program product design, structure, processing, and data areas for program modification and maintenance.

Manual, 8 1/2 x 11 inches, 556 pages, 3/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-2584

CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG  
5746-XXS, FOR THE COMMERCIAL BANK APPLICATION SYSTEM LOGIC

The Customer Information Facility/VS for the Commercial Bank Application system is a set of batch and online application programs designed to create and maintain a customer data base and relate account data bases for the financial institution. Online inquiry capability to the data bases is provided through the IBM 3270 Information Display System. Batch programs are provided for converting existing customer and accounting data to the Customer Information Facility/VS format and for printing a variety of reports from the data bases.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8067

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DIAGNOSTIC  
PROCEDURES & LOGIC OVERVIEW (CURRENT RELEASE)

This manual is for program support representatives who are diagnosing failures in the Document Library Facility program. It gives procedures for selecting keywords to be used in writing APARS, or in searching the SPF/EWS data base for previous APARS. It provides an introduction to the logic and organization of the program, as a preface to reading the code.

This publication contains information formerly found in Document Composition Facility: Problem Determination and Overview, LY20-8074, which is obsolete.

This publication was formerly entitled Document Composition Facility: Diagnostic Procedures and Logic Overview.

Manual, 8 1/2 x 11 inches, 60 pages, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8068

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, DIAGNOSTIC  
PROCEDURES AND LOGIC OVERVIEW

This manual is for program support representatives who are diagnosing failures in the Document Library Facility program, designed to run on S/370 under DOS/VS, OS/VS1 or

OS/VS2 MVS. It gives procedures for selecting keywords to be used in writing APARS, or in searching the SSF/EWS data base for previous APARS. It provides an introduction to the logic and organization of the program, as a preface to This publication contains information formerly found in Document Library Facility: Problem Determination and Logic Overview, LY20-8075, which is obsolete.

This publication was formerly entitled Document Composition Facility: Diagnostic Procedures and Logic Overview.

Manual, 8 1/2 x 11 inches, 60 pages, 6/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8074

DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, PROBLEM DETERMINATION AND LOGIC OVERVIEW (CURRENT RELEASE)  
This book is designed to help the reader obtain assistance from IBM when a program failure is detected in the Document Composition Facility. The first chapter gives the most important questions to be asked to speed communication and to allow help IBM to respond more quickly. The same questions will help in searching the Early Warning System for a description of the problem. The second chapter introduces the logic and organization of the Document Composition Facility program.

Manual, 8 1/2 x 11 inches, 30 pages, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-8075

DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROBLEM DETERMINATION AND LOGIC OVERVIEW  
The purpose of this book is to help the reader obtain assistance from IBM when he or she suspects a program failure in the Document Library Facility. When IBM is called, the representative will ask a series of questions designed to enable the selection of a few keywords which will be used to search the SSF data base to determine whether the problem is already known and whether a solution exists. The first chapter gives the most important questions the user will be asked; the second introduces the logic and organization of the Document Library Facility program.

Manual, 8 1/2 x 11 inches, 30 pages, 10/78  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9000

LONG TERM DEBT MANAGEMENT SYSTEM, IUP 5796-AXZ, SYSTEMS GUIDE

This manual is intended to assist those responsible for maintaining and/or modifying the Long Term Debt Management System, IUP 5796-AXZ. It provides details concerning the design, logic and coding of the system.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9002

APPLICANT TRACKING SYSTEM, IUP 5796-PLT, SYSTEMS GUIDE

This manual describes the processing logic of the Applicant Tracking System (5796-PLT). It is intended to assist those involved in maintaining or modifying this IUP.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9004

WESTINGHOUSE ELECTRIC CORPORATION - GRAPHIC TRAINING AIDS, IUP 5796-AYJ, SYSTEMS GUIDE

This manual contains printed copies of the Graphic Training Aids, IUP 5796-AYJ. It is intended to aid instructors and students in preparing for classroom and terminal sessions.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9006

HEALTH CARE SUPPORT/DL/I MEDICAL RECORD ABSTRACT, IUP 5796-AYL, SYSTEMS GUIDE

The Medical Record Abstract System is an on-line data base system that assists the Medical Records Department in tracking, collecting, analyzing, and reporting data from the patient medical record.

This manual is to assist the programming staff in establishing an operational system and making program modifications.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9008

DEMAND DEPOSIT ACCOUNTING AND SAVINGS MEMO POST SYSTEM, IUP 5796-AZF, SYSTEMS GUIDE

The Online Teller System provides host computer support to an IBM 3600 teller network and updates application data bases in a Customer Information Facility environment.

This manual is designed to help programmers understand the design, logic and coding of the Online Teller System in order to aid in modifications and maintenance.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9011

DL/I BATCH SAVINGS SYSTEM, IUP 5796-AZJ, SYSTEMS GUIDE

The DL/I Batch Savings System posts activities to savings accounts and performs the required interest calculation maintenance and reporting functions that are associated with the saving application.

This manual contains a systems overview, flow charts, programming techniques and technical information for use in maintaining and modifying the system.

Systems guide  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9013

FULL FUNCTION TELLER INFORMATION SYSTEM, IUP 5796-AZL, SYSTEMS GUIDE

The Full Function Teller System enables the bank teller to process customer monetary transactions including deposits, withdrawals, payments, exchanges and transfers.

This manual describes the programs and specifications of the Full Function Teller System. Program Customizer/8600 specifications, transmission formats, record formats, and host/batch program descriptions are included.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9014

ONLINE TELLER ASSIST SYSTEM, IUP 5796-AZN, SYSTEMS GUIDE

The Online Teller Assist System is an online account inquiry and update system which performs a variety of banking services.

This manual describes the programs and specifications of the Online Teller Assist System. Program customizer/3600 modifications system flow and record formats are included.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9016

THE BANK TELLER 3600 APPLICATION PROGRAM/COMMERCIAL EXTENSIONS, IUP 5796-AZZ, SYSTEMS GUIDE

The Bank Teller 3600 Application Program Commercial Extensions subsequently referred to as the 3600 Application Program, is designed to run in an IBM 3600 Finance Communication Controller. The 3600 Application Program accepts teller transactions which are edited, verified, transmitted to a central computer and recorded into a 3600 file for later retrieval. Additionally, it accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages.

Manual  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9017

PL/I GENERAL PURPOSE SIMULATION SYSTEM, IUP 5796-PNN, SYSTEMS GUIDE

PL/I GPSS provides a comprehensive simulation package in which two complementary simulation languages, GPSS and SIMPL/I are implemented as extensions to PL/I. With minor exceptions PL/I is functionally equivalent to GPSS V and maintains the same "world view" wherein a system is represented by transactions flowing through blocks. The implementation of the two simulators, however, is quite different. In PL/I GPSS a block is coded as a macro command. The PL/I GPSS macro commands can be interspersed with PL/I code, and the transactions are considered to flow through both the macros and the surrounding PL/I code.

Manual, 8 1/2 x 11 inches,  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9018

COMBINED DEPOSIT SYSTEM, IUP 5796-AZX, SYSTEMS GUIDE

The American National Bank Combined Deposits System is designed to process Demand, Time, NOW, and Overdraft Banking accounts in a single system built around a comprehensive DL/I data base. This single system design allows accounts to be configured to easily perform functions involving multiple accounts, such as automatic funds transfer, combined statements, and relational pricing.

Manual, 8 1/2 x 11 inches, 952 pages, 1/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9020

APL DATA INTERFACE II/TSO, IUP 5796-PNI, SYSTEMS GUIDE

APL Data Interface II for TSO is a general purpose interaction facility designed to provide a powerful, responsive inquiry facility to the end user. It also includes a variety of reporting capabilities which provide comprehensive data analysis.

Manual, 8 1/2 x 11 inches, 40 pages, 9/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9024

PANEL 2, IUP 5796-PPA, SYSTEMS GUIDE

Panel 2 is a line art program that is used to develop flowcharts, HIPO charts, foils, and simple drawings. The program uses a two-screen approach to graphics, with a 3277 Model 2 for alphanumeric interaction and a storage display screen for graphics pictures. Use of the dual display provides improved interactivity and flexibility, and permits

the customer to take advantage of the best characteristics of both displays.  
Manual, 8 1/2 x 11 inches, 3/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9027

3624 AUTOMATED TELLER MACHINE HOST SUPPORT WITH IMS/VIS, IUP 5796-BBG, FEATURE 8164, SYSTEMS GUIDE  
This installed user program is a collection of application programs that support the IBM 3624 ATM with the direct attached feature in an IBM IMS/VIS environment. An ACP/VTAM application program interfaces between IMS/VIS and the 3624 providing device dependent services and message formatting. IMS/VIS message processing programs authorize 3624 requests and provide the user with information necessary to monitor and control ATM operation from a central location.  
Manual, 8 1/2 x 11 inches, 6/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9028

AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, SYSTEMS GUIDE  
First American's Automated Teller Online Application and Reporting System IUP (5796-BBJ) is: An online authorization and network operations system under CICS/DOS/VIS and a batch transaction and usage reporting for a network of 3614 and/or 3624 Consumer Transaction Facilities.  
The system will support both direct-attached and/or loop-attached 3614/3624s. It will support either AET (alternate encryption technique) or DES (data encryption standard) 3614s and will support either single or dual-denomination 3614s and 3624s.  
The system is designed to run in conjunction with the 3600 application program provided by the 3614/3624 Consumer Online Transaction System (COLTS) program product for the support of loop-attached automated teller machines (ATMs).  
This IUP (5796-BBJ) is a complete replacement of the two prior IUPs (5796-ANH and 5796-AQT), the First American Automated Teller Host Support system Base and Enhancements.  
Current users of the prior IUPs can order the new system update IUP under the license number 5796-BBH. New users must order the complete system IUP, 5796-BBJ.  
Manual, 8 1/2 x 11 inches, 444 pages, 10/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9033

EDUCATIONAL INFORMATION SYSTEM/DATABASE, IUP 5796-BAZ, DATA BASE MAINTENANCE GUIDE  
The Education Information System-Data Base represents a nucleus for implementing a Management Information System at an educational institution. It is a comprehensive set of designs, techniques, and programs which will allow users to install DB/DC based educational information systems.  
Manual, 8 1/2 x 11 inches, 132 pages, 7/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9034

EDUCATIONAL INFORMATION SYSTEM DATABASE, IUP 5796-BAZ, SYSTEMS DESIGN GUIDE  
The Education Information System-Data Base represents a nucleus for implementing a Management Information System at an educational institution. It is a comprehensive set of designs, techniques, and programs which will allow users to install DB/DC based educational information systems.  
Manual, 8 1/2 x 11 inches, 132 pages, 7/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9038

PATIENT CARE SYSTEM - APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, SYSTEMS GUIDE  
This manual contains detailed descriptions of each of the programs within the Patient Care System-Application Development System. Also included is a detailed description of the system files.  
The purpose of the manual is to assist the systems programmer in establishing an operational system.  
The manual is intended for use with the Patient Care System-Application Preparation System (5796-BCF) and the Patient Care System-Application Execution System (5796-BCE).  
Manual, 8 1/2 x 11 inches, 11/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9041

GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, SYSTEMS GUIDE  
This IUP is an online system operating under the control of VM/CMS and provides the following functions: additions, deletions, and modifications to Group Master Data and to Policy Descriptor Data; additions, replacements, and cancellations in Enrollment Data; adjustments in policy data for billing purposes; and complete audit trail for all transactions.  
Provides batch support for printing 3 x 5 cards on additions and changes (daily), certificates on additions and changes (daily), audit trail, and monthly billing.  
Manual, 8 1/2 x 11 inches, 308 pages, 1/82  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9044

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AWX, SYSTEMS GUIDE FOR CUSTOMER INFORMATION FACILITY APPLICATION  
The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
This set of systems is designed to run in the DOS/VIS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.  
This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.  
Manual, 8 1/2 x 11 inches, 100 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9045

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AWX, SYSTEMS GUIDE (FOR CHECK RECONCILIATION)  
The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
This set of systems is designed to run in the DOS/VIS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AAX which is the 3600 controller Software for the online teller application.  
This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.  
Manual, 8 1/2 x 11 inches, 104 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9046

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AWX, SYSTEMS GUIDE FOR OFFERED FEES APPLICATION  
The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
This set of systems is designed to run in the DOS/VIS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AAX which is the 3600 controller Software for the online teller application.  
This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.  
Manual, 8 1/2 x 11 inches, 60 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9047

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AWX, SYSTEMS GUIDE FOR DOCUMENT GENERATION  
The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
This set of systems is designed to run in the DOS/VIS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AAX which is the 3600 controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.  
Manual, 8 1/2 x 11 inches, 172 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9048

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AWX, SYSTEMS GUIDE FOR DOCUMENTATION APPLICATION  
The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.  
This set of systems is designed to run in the DOS/VIS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AAX which is the 3600 controller Software for the online teller application.  
This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.  
Manual, 8 1/2 x 11 inches, 88 pages, 12/81  
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LY20-9049

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
ESCROW ANALYSIS APPLICATION SYSTEMS GUIDE

The Comprehensive Thrift application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 8 1/2 x 11 inches, 116 pages, 12/81  
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LY20-9050

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR FIXED ASSETS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 8 1/2 x 11 inches, 52 pages, 12/81  
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LY20-9051

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR GENERAL LEDGER APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 8 1/2 x 11 inches, 228 pages, 12/81  
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LY20-9052

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR HAZARD INSURANCE APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 96 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9053

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR INVESTOR REPORTING SYSTEM

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 100 pages, 12/81  
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LY20-9054

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR LOAN APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or

DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 360 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9055

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR LOANS IN PROCESS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 8 1/2 x 11 inches, 288 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9056

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR MORTGAGE PROTECTION INSURANCE APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 8 1/2 x 11 inches, 72 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9057

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR MORTGAGE LOANS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 988 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9058

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR NEGOTIABLE ORDER OF WITHDRAWAL ACCOUNTS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 196 pages, 12/81  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9059

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW,  
SYSTEMS GUIDE FOR PRE-AUTHORIZED PAYMENTS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 180 pages, 12/81  
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LY20-9060

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR SAVINGS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 864 pages, 12/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9061

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR SPECIAL FUNCTIONS

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel.

Manual, 8 1/2 x 11 inches, 212 pages, 12/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9062

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR REAL ESTATE TAXES APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 212 pages, 12/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9063

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE TELLER FUNCTIONS APPLICATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller Software for the online teller application.

This manual is written for technical, operations and user personnel. The following sections are included: Overview; Program Index and Descriptions; Transactions Index; Non-Data Base File Layouts; Reports; Operations; and User's Guide.

Manual, 72 pages, 12/81

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9064

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, DATA BASE MANUAL SYSTEMS GUIDE

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller application.

This guide contains segment formats and descriptions for data base files.

Manual, 8 1/2 x 11 inches, 308 pages, 12/81

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LY20-9065

COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ONLINE SYSTEMS GUIDE

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. This product is designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the online teller

application.

This manual is intended for systems programmers. It includes CICS/VS interface information, documentation of macros written for interface programs, system concepts and system flow.

Manual, 8 1/2 x 11 inches, 116 pages, 12/81

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LY20-9066

BASIC GRAPHIC SUPPORT SYSTEM, IUP 5785-DCK, LOGIC

Graphical Interactive Application Monitor provides graphic creation and manipulation capabilities which relieves the user of much of the work required to develop and maintain graphic applications. It includes two components: Basic Graphic Support System (5785-DCK) and Basic Interactive Application Monitor (5785-DCJ).

Manual, 38 pages, 1/82

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9067

BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR, IUP 5785-DCJ, LOGIC

Graphical Interactive Application Monitor provides graphic creation and manipulation capabilities which relieves the user of much of the work required to develop and maintain graphic applications.

Manual, 8 1/2 x 11 inches, 40 pages, 1/82

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9068

DORTMUND LIBRARY SYSTEM, FDP 5787-DAA, -DAB, SYSTEMS GUIDE

The Dortmund Library System, developed by the University of Dortmund, is an online library cataloging and searching system designed for university, public, special, and government libraries.

The Leuven Library System-Online, designed to complement the Dortmund Library System, provides online circulation, acquisitions and report formatting functions.

The Leuven Library System-Batch provides tape and hardcopy output capability for both the Dortmund and the Leuven-Online systems. This guide explains the various functions and facilities of the system for the librarian.

Manual, 8 1/2 x 11 inches, 164 pages, 2/82

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9069

LEUVEN LIBRARY SYSTEM-ONLINE, FDP 5787-FAJ, -FAK, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for LY20-9068.

Manual, 8 1/2 x 11 inches, 100 pages, 2/82

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9070

LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-FAH, -FAL, SYSTEMS GUIDE

This systems guide provides the Systems Analyst with the necessary information on the design, logic and coding of the system to enable him to make modifications, diagnose program errors and perform program maintenance.

For information about this program, see abstract for LY20-9068.

Manual, 8 1/2 x 11 inches, 84 pages, 2/82

SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY20-9071

AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, 5796-BDA, -BDC, SYSTEMS GUIDE

This manual describes the architecture and programming logic of the IUP. It contains detailed program descriptions, including programming techniques and modification considerations. Record layouts for the ten system files are included, as well as the specific modifications to be made to the Consumer Online Transaction System program product (5746-F57). The manual is intended to aid systems analysts and application programmers responsible for generating and/or modifying the IUP.

Manual, 8 1/2 x 11 inches, 444 pages, 7/82

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SY24-5201

IBM 3630 PLANT COMMUNICATION SYSTEM: HOST SERVICE PROGRAMS LOGIC, PROG 5744-CR1, 5747-CJ1

This manual describes the logic of the host service programs designed specifically to support the 3630 Plant Communication System. The information in this manual is intended for personnel who are responsible for determining sources of error within or making changes to these service programs.

Manual, 8 1/2 x 11 inches, 328 pages, 6/78

SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-2469

IBM 3600 FINANCE COMMUNICATION SYSTEM BSC/3600 SERVICE LOGIC, RPQ 8K0598 and 8K0599, PROG 5744-CA3, -5747-BR1  
This publication describes the program logic of the BSC/3600 Service Program. It is intended for IBM Program Support Representatives who maintain 3600 networks that use the 3600 BSC RPQ 8K0598 and 8K0599.  
Manual, 8 1/2 x 11 inches, 20 pages, 11/76  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-2472

DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790/3770 HOST SUPPORT, LIC PROG 5744-BZ3, 5747-BQ1, HOST SERVICES LOGIC  
This manual describes the logic of the Program Validation Services (PVS) which is used for the DPCX/3790 Communication System and the 3770 Data Communication System. It also describes the logic of the Batch Data-Exchange Services (BDES) for the DPCX/3790 Communication system, and the logic of the modifications made to Subsystem Support Services (SSS) to provide DPCX/3790 system support for the SSS GEN command. Described also is the logic for the Subsystem Information Retrieval Facility (SYSINFOREF). These programs are executed as problem programs at the host System/370 under OS/VS or DOS/VS. This manual is for those persons who are debugging or changing these service programs.  
Manual, 8 1/2 x 11 inches, 250 pages, 3/80  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-2514

SYSTEMS - IBM 3600 FINANCE COMMUNICATION SYSTEM HOST SERVICE PROG PROD 5744-CA1, -CA2, -CA3, LOGIC  
Describes the internal logic of the 3600 Finance Communication System service programs. In addition to the main 3600 service program, four other programs are described: the post-list processor, the dump formatting program, program validation services, and the disk service program. All except the last execute in the System/370 CPU; the disk service program executes in the 3600 controller.  
Areas of the programs that perform specific functions are identified and related to the program listings. This manual is directed to the IBM Customer Engineer, who maintains the program, and to the system programmer, who may wish to alter the program. This manual is not required to install or operate the programs.  
Manual, 8 1/2 x 11 inches, 150 pgs, 8/77  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY27-7268

OS/VS VTAM SPECIAL PROGRAMMING SUPPORT/KEY ENTRY: COMPONENT RELEASE LOGIC, COMPONENT NUMBERS 5741-SCI-29 & 5752-SCI-29  
This manual documents the special programming support/Key entry (SPS/Ke) component release. It contains supplements to VTAM Logic publications. It is intended for system programmers and maintainers of SPS/KE.  
Manual, 48 pages, 9/75  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3017

SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVEL 5) LOGIC  
This manual explains the program logic of Subsystem Support Services (SSS). It describes the common services that SSS performs for industry and application systems (subsystems). Program logic manuals for individual subsystems show how each subsystem tailors SSS to its needs.  
This manual is intended for program support representatives and others who need to know the internal logic of SSS. It is a supplement to the program listing for SSS.  
An appendix contains the SSS control statements needed to maintain IBM-provided controller data.  
This latest suffix is for users of SSS Level 5 under OS/VS.  
Manual, 180 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3019

3660 SUPERMARKET SCANNING SYSTEM HOST LOGIC, PROG 5747-BK1  
Before reading this manual, a programming representative should familiarize himself with the IBM 3660 Supermarket System: Scanning System Introduction, GA27-3076. A programming representative is able to correct a programming malfunction by following the internal operation of the programming system contained within this manual. The IBM 3660 Supermarket System: Scanning System Host Program Logic shows the coding of macros to define each individual supermarket store. The IBM System/370 Subsystem Support Services Logic manual, SY30-3017, should be used with this manual. Subsystem Support Services' exits are also included in the manual to allow the supermarket host processor to meet unique requirements of the supermarket host processor.  
Manual, 60 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3024

IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT TRANSFORMATION DEFINITION LANGUAGE TRANSLATOR LOGIC  
This publication describes the logic of the Transformation Definition Language (TDL) of the IBM 3650 Subsystem Program Preparation Support (SPPS). The translator is the code by which TDL statements are converted into formatted output

records. At a later time, certain output records from the translator are transmitted to the IBM 3650 for use in operating keyboard/displays and line printers.

This publication is a supplement to the program listings of the TDL translator portion of the SPPS. As a logic manual, it can be used to diagnose and maintain the existing TDL translator; it is not designed to alter the translator to perform other functions. The programming support representative using this publication should have a basic knowledge of the IBM System/370 OS/VS and DOS/VS and use the SPPS Programmer's Guide.

There are six sections which are useful in retrieving specific kinds of information:

- o Section 1: An Overview of the TDL Translator Logic is an introduction to the translator and its input, internal logic, output, and additional services.
- o Section 2: Method of Operation uses charts to illustrate functional relationships in the translator.
- o Section 3: Program Organization consists of a series of figures relating the basic modules types and their calling sequences.
- o Section 4: Directory contains a list of translator modules, their function, and their inputs and outputs.
- o Section 5: Data Areas has two parts: the first illustrates how the translator uses tables and table entries, and the second gives a detailed layout of each table.
- o Section 6: Diagnostic Aids has three parts: the first suggests techniques for diagnosing troubles, the second illustrates dumps and how to read them, and the third contains a list of error messages and the modules which detect them.

In addition, each section can be cross-referenced to the other sections. As a result, you can use it in two ways: first, as a diagnostic aid in going from detail problem symptom up to the functional description, and second, as an aid to understanding internals by progressing from the introductory overview down to the details of modules and translated input text.  
Manual, 150 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3033

3650 RETAIL STORE SYSTEM, RELEASE 3.1 HOST, LOGIC  
The 3650 Retail Store System uses the retail host program and subsystem support services. This manual describes the Release 3.1 retail programming support that complements the common services provided by subsystem support services. This manual, with IBM System/370 Subsystem Support Services Program Logic SY30-3017, supplements the program listings for the retail store system. The program support representative using this manual should have a basic knowledge of System/370 and OS/VS or DOS/VS.

This organization of the manual provides easy cross-referencing between sections. The method of presenting material in each section is designed to meet specific needs of the user.

The manual describes the overall structure and function of the programming support for a retail store system, and explains programming concepts and the main function of the retail host program: preparing data for the store controller. Also described are the program parts, how they fit together, and how control flows between object modules, the generic names, module names, exits for all retail host modules, the data areas used by a module, and the 80-byte record formats and the major data areas that the retail host program uses. A table of messages is included along with the modules that cause each message to be issued, a table of register usage and a glossary containing all new terms used in this publication as well as terms that have particular meanings in the context of the retail store system.

This manual must be used with the SSS Program Logic manual for a complete understanding of the retail store system. The SSS manual is divided into the same sections as this manual, with the same types of information in corresponding sections.

This edition applies to component Release 3.1 of the 3650 Retail Store System, Release 6.0 of OS/VS1, Release 3.7 of OS/VS2, and Release 33 of DOS/VS.  
Manual, 8 1/2 x 11 inches, 178 pgs, 12/76  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY30-3044

PROGRAMMABLE STORE SYSTEM HOST SUPPORT RELEASE 1.0 LOGIC  
This manual describes the internal logic of IBM Programmable Store System Host Support Release 2.0 and provides reference and diagnostic information. This manual applies to both the IBM 3650 Programmable Store System and the IBM 3680 Programmable Store System. The information provided is intended for service personnel and development programmers who require in depth knowledge of host support's design, organization, and data areas. The reader should have a basic knowledge of the operating system - DOS/VS, OS/VS1, or OS/VS2 (MVS) - and of Access Method Services and Access Method Services program logic.

The purpose of this publication is to enable the reader to: follow the internal operation of programmable store system host support; quickly recall the functions of programmable store system host support; and relate diagnostic information to the operations performed and the data areas referred to by each part of programmable store system host support.

Prerequisite publications: IBM 3650 Programmable Store System Programmer's Guide, GC30-3062; IBM 3680 Programmable Store System Programmer's Guide, GC30-3066; IBM Programmable Store System Host Support Subsystem Generation



Guide, GC30-3060.  
Manual, 8 1/2 x 11 inches, 500 pages, 6/79  
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LY30-3045

SUBSYSTEM PROGRAM PREPARATION SUPPORT II TERMINAL DISPLAY LANGUAGE AND POST PROCESSOR, LIC PROG 5735-D16, LOGIC  
This manual describes the logic of both the Terminal Display Language (TDL) and the Post Processor of the IBM Subsystem Program Preparation Support II (SPPS II), and IBM Licensed Program Product. It is written for the IBM programming support representative and the system engineer. They should have a basic knowledge of the IBM System/370 OS/VS and the IBM SPPS II Programmer's Guide.

The first part of the manual gives an overview of the TDL logic that is used to translate data for the system supporting the IBM 3275 Display Station. It includes the method of operation, the program organization, a directory, data areas, and diagnostic aids.

The Post Processor logic, described in Chapter 2, is used to edit and reformat the assembler listing; it is a valuable tool for the SPPS II application programmer. An overview of Post Processor logic, the method of operation, and some sample listings are provided.

Manual, 8 1/2 x 11 inches, 230 PAGES, 6/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3046

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT LOGIC  
This manual describes the logic of the IBM 3650 Programmable Store System POS Application/Supermarket Environment Program Product and provides diagnostic information. The information in this manual is intended for maintenance personnel and development programmers who require an in depth knowledge of the program product's design, organization, and data areas.

The user should have a basic knowledge of the IBM System/370, the operating system (DOS/VS, OS/VS1, or OS/VS1 MVS), Access Method Services and the Subsystem Program Preparation Support II (SPPS II) language, which is an IBM product.

The manual includes an introduction giving an overview of the program product, an outline of the method of operation, functional information about the modules that make up the program product, a description of the program organization in terms of its parts, a directory listing each of the modules comprising the program product with a cross-reference to external modules or routines, a description of the data areas used with the program product, and diagnostic aids giving information helpful in locating the source of problems in the program product.

Prerequisite Publications: IBM 3650 Programmable Store System POS Application/Supermarket Environment General Information, GC30-3055; IBM 3650 Programmable Store System POS Application/Supermarket Environment Programmer's Guide, SC30-3017.

Manual, 8 1/2 x 11 inches, 700 pages, 8/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3048

3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER LOGIC

The IBM 3650 Programmable Store System POS Application/Report Customizer is an IBM program product that generates various store reports for a supermarket store system using data obtained from the store controller files. This program product enables an authorized user to request and print reports on an IBM 3663 Supermarket Terminal Model 1P or 3P and, optionally, request reports to be written on an output sequential file.

This manual describes the logic of the IBM 3650 Programmable Store System POS Application/Report Customizer Program Product and provides diagnostic information.

The information in this manual is intended for maintenance personnel and development programmers who require an in-depth knowledge of the program product's design, organization, and data areas.

The reader should have a basic knowledge of the IBM System/370, the operating system (DOS/VS, OS/VS1, or OS/VS2 MVS), access method services, and the Subsystem Program Preparation Support II (SPPS II) language, which is an IBM program product.

Manual, 8 1/2 x 11 inches, 131 pages, 6/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

LY30-3050

3650 PROGRAMMABLE STORE SYSTEM COBOL COMPILER PROGRAM LOGIC  
Describes the internal logic of and provides reference and diagnostic information for two IBM 3650 Programmable Store System program products:

- Programmable Store System COBOL Compiler modification for OS/VS1 and OS/VS2 Distribution Industry System users
- Programmable Store System COBOL Compiler modification for DOS/VS Distribution Industry System users

This publication is written primarily for service personnel and development programmers who require an in depth knowledge of the design, organization, and data areas of the two program products.

Prerequisite publications: IBM OS/VS COBOL Compiler Program Logic, LY28-6486 and IBM DOS/OS COBOL Compiler Program Logic, LY28-6423.

Manual, 8 1/2 x 11 inches, 100 pages, 10/79

LY30-3056

3650 PROGRAMMABLE STORE SYSTEM POS/APPLICATION RETAIL ENVIRONMENT LOGIC

This manual describes the logic of the IBM 3650 Programmable Store System POS Application/Retail Environment Program Product and provides diagnostic information. The information in this manual is intended for maintenance personnel and development programmers who require an in-depth knowledge of the program product's design, organization, and data areas.

The user should have a basic knowledge of the IBM System/370, the operating system (DOS/VS, OS/VS1, or OS/VS2-MVS), Access Method Services, and the Subsystem Program Preparation Support II (SPPS II) language, which is an IBM program product.

Included in the manual are an introduction giving an overview of the program product, an outline of the method of operation with functional information about the modules that make up the program product, a description of the program organization in terms of its parts, a directory listing each of the modules comprising the program product, with a cross-reference to external modules or routines, a description of the data areas used with the program product, and diagnostic aids giving information helpful in locating the source of problems in the program product.

Prerequisite publications are IBM 3650 Programmable Store System POS Application/Retail Environment General Information, GC30-3056 and IBM 3650 Programmable Store System POS Application/Retail Environment Programmer's Guide, SC30-3126.

Manual, 8 1/2 x 11 inches, 170 pages, 9/79  
SLSS - IBM INTERNAL SUBSCRIPTION ONLY

SY33-8900

IBM 3790 COMMUNICATION SYSTEM, DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM, DOS/VS LOGIC, SCP 5747-BW1

This manual contains information about the internal logic of the Batch Transfer Program (BTP). BTP is an interface program to be run under DOS/VS for communication with the IBM 3790 Communication System/Data Entry Configuration. Prerequisite publications are:

- IBM 3790 Communication System, Data Entry Configuration, Batch Transfer Program, DOS/VS User's Guide, GC33-5900.
- VTAM Concepts and Planning, GC27-6998.

Manual, 440 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

SY33-8901

3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM, OS/VS-OS/VS2 LOGIC, SCP'S 5744-CG1, -CG2

This manual contains information about the internal logic of the Batch Transfer Program (BTP). BTP is an interface program to be run under OS/VS1 or OS/VS2 for communication with the IBM 3790 Communication System/Data Entry Configuration. Prerequisite publications are:

- IBM 3790 Communication System, Data Entry Configuration, Batch Transfer Program, OS/VS1-OS/VS2 User's Guide, GC33-5901.
- VTAM Concepts and Planning, GC27-6998.

Manual, 404 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

G229-0257

CONTROL OPERATOR ORIENTATION GUIDE FOR THE IBM 3790 COMMUNICATION SYSTEM

This orientation guide describes some of the operating procedures for the IBM 3790 Communication System and its associated terminals. These procedures are intended for one person, the "control operator."

Manual, 8 1/2 x 11 inches, 45 pages, 7/78  
//09/3790,3791/

G229-0258

3790 COMMUNICATION SYSTEM PROBLEM DETERMINATION GUIDE

This is a guide to help the 3790 Communication System control operator identify, isolate, and fix or report 3790 system problems.

Manual, 8 1/2 x 11 inches, 40 pages, 8/78  
//09/3790,3791/

G229-0259

3790 INCIDENT REPORT

Incident Report Form  
Padded 1-page form, 8 1/2 x 11 inches, 7/78  
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1269

S/370 PROGRAM PRODUCTS CROSS INDUSTRY APPLICATION OS DOS VM/370-CMS

This catalog is a quick reference to the cross Industry Program Products and Installed User Programs for IBM System/370 and System/360 running OS (VS1, VS2, MFT, and MVT), DOS and DOS/VS, and CMS Subsystem of VM/370.

The Application Areas supported by these programs are: Business management, Mathematical and Statistical libraries, Optimization - Mathematical programming,



Project Management and Scheduling, Simulation, Manpower training, and Information management.  
Catalog, 30 pages  
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-1324

ATMS OPERATIONS QUICK REFERENCE GUIDE PROG. NOS. 5740-XX3 (ATMS/OS), 5746-XX4 (ATMS/DOS/V5)  
The advanced Text Management System (ATMS) consists of control and functional programs that direct many text processing activities simultaneously through typewriter-like terminals or an information display system attached to an IBM System/370.  
ATMS is written to operate under control of the IBM CICS program products in a multi-programming environment.  
It will run concurrently with, and independently of, other applications within the same environment, as well as tasks in other partitions or regions.  
This manual provides a source of fast reference for those commands and controls associated with the control terminal operations of ATMS and described in more detail in the ATMS Operations Guide (Sd20-1475).  
Manual, 8-1/2 x 5 inches, 30 pages  
///5740-XX3, 5746-XX4

S320-1325

ADVANCED TEXT MANAGEMENT SYSTEM (ATMS), LIC PROG 5740-XX3, USER'S GUIDE  
This guide provides a quick reference to ATMS operating commands and controls. It is designed primarily for trained users and is not to be considered as an instruction manual.  
The material in the guide is presented in sections.  
With the exception of the first section, the various categories of commands and controls appear alphabetically within their respective sections. The sections are categorized by general function or mode of operation:  
o Signon, signoff, terminal status  
o Text format and line controls  
o Revision methods and commands  
o Document printing commands  
o Document handling commands  
o Message transmission commands  
o Peripheral transmission commands  
o Generalized Markup Language commands and controls  
o Miscellaneous commands  
Each section is prefaced with a brief introduction that explains the uses of the respective commands and controls.  
Manual  
///5740-XX3, 5746-XX4

G320-1439

S/370 FILM LIBRARY MANAGEMENT SYSTEM (FLMS), IUP 5796-ACW, NOTICE  
Film Library Management System (FLMS) provides a comprehensive on-line management system for film libraries in colleges and universities, school systems, government agencies, and media companies. FLMS features on-line booking, file update, and inquiry via the IBM 3270 Display System operating under CICS, allowing operational and management control to be retained by the film library staff.  
Customer and film inventory records are maintained in the process of booking and distribution of films in a cost effective environment. Usage and request histories are kept and periodic analyses are produced to assist management in planning and control. All necessary printed output including confirmation notices, shipping labels, and invoices are automatically produced. The source programs are written in PL/I which along with CICS facilities conversion to DOS if desired.  
Flyer, 10 pages  
///5796-ACW

G320-1441

SYSTEM/370 STUDENT RESPONSE ANALYSIS PROCESSORS (STRAP) FOR OS/V5 & DOS/V5 AT OHIO STATE UNIVERSITY: IUP'S 5796-ACX (OS), 5796-AGP (DOS) NOTICE  
STRAP provides the user of Coursewriter III Program Products, information about the response time and reactions to courses in development and in use. It is useful in student counseling, general education program analysis in work and research. It assists the instructor in evaluating the instructional procedures and provides comprehensive student data. It increases the participation of the instructor with the student in computer aided instruction.  
Notice, 4 pages  
///5796-AGP, 5796-ACX

G320-1533

TERMTEXT/FORMAT, IUP 5796-PBR, NOTICE  
TERMTEXT/Format was designed for the in-house publisher of books, catalogs, directories, and technical manuals. Coupled with the power and versatility of the Advanced Text Management System (ATMS), it provides the total facilities of text entry and correction through typewriter like and display terminals, and comprehensive page makeup.  
TERMTEXT/Format accepts text from ATMS and automatically puts it in the format requested by the user. Pre-defined formats, called "profiles", can be established once and then used as required.  
Flyer  
///5796-PBR

G320-1534

LIBRARY ACCESS SYSTEM: ACQUISITIONS & CATALOGING (5796-PCF), CIRCULATION CONTROL (5796-PCQ) AND BIBLIOGRAPHIC SEARCH (5796-PCR) -- 3 IUP'S NOTICE  
The Library Access System - Circulation Control program which provides on-line library control of charge-in, discharge, reserve, and cancellation activities. Inquiry may be made into the circulation status of documents and the library activity and circulation privileges of patrons.  
Announcement Notice  
///5796-PCF, 5796-PCQ, 5796-PCR

G320-1536

COMPUTER ASSISTED INSTRUCTION (CAI): COMPUTER CONCEPTS IUP 5796-PCJ, PCG, PCL, FCN, NOTICE  
Having applicability to a broad audience, this highly interactive course serves as a prerequisite for the System 370/360 System Concepts and Programming IUP's, but can also be utilized as a supplement to a mathematics curriculum. Through the selective teaching facility of the course, students or faculty can, by demonstrating proficiency on pre-requisite questions matched to specific objectives, select any of the following topics: binary counting, binary and hexadecimal arithmetic, numbering system conversions, hexadecimal floating point conversion.  
This is one course in a series of five related courses. The complete course series is as follows:  
Introduction to Computers (IUP Number 5796-PCJ)  
Numbering Systems (IUP Number 5796-PCG)  
System/370/360 System Concepts and Programming  
- Part I: Concepts (IUP Number 5796-PCK)  
- Part II: Programming (IUP Number 5796-PCL)  
- Part III: System/370 Enhancements (IUP NUMBER 5796-FCN)  
Flyer  
///5796-PCL, 5796-PCK, 5796-PCG, 5796-PCN, 5796-PCJ

G320-1543

DIRECT MANPOWER PLANNING WITH ASSESSMENT OF RISK - IUP 5796-PDB, NOTICE  
Direct Manpower Planning with Assessment of Risk is an internally developed IUP which addresses the problem of choosing the least cost manpower plan to accomplish a given amount of work.  
The IUP uses mathematical programming to provide optimal staffing plans involving regular employees, new hires, retraining, overtime, subcontracting, etc.  
subcontracting, new hires, etc.  
for judgmental considerations in manpower planning.  
o Considers cost of capital and inflation rate, providing a realistic cost picture.  
o Allows combination of up to 25 time periods and 10 skill categories.  
o Time periods may be of unequal length and an intermix of days, weeks, months or years.  
o Policy constraints may be placed on overtime, contracting, new hires, etc.  
o Prior workload history can be statistically analyzed to aid in future workload projections.  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
Release Notice  
///5796-PDB

G320-4267

APL APPLICATION PROGRAMS - REFERENCE SUMMARY  
This reference card lists the available APL application programs and some associated publications.  
Fanfold card, 3 1/2 x 8 1/8 inches, 6 panels, 2/78  
3031, 3032, 3138, 3148, 3195, 3115, 3033, 3155, 3165, 3145, 3135, 3158, 3168, 3125, 4331, 4341, 3081, 4321//22//

G320-5535

APL ECONOMETRIC PLANNING LANGUAGE, IUP 5796-PDW, NOTICE  
This Installed User Program is an interactive planning language based upon APL. It provides features for dealing with economic variables (primarily time-series), such as data analysis and transformation, tabular and graphic display, parameter estimation, model solution and file handling. It requires the installation of the APL Shared variable programming RPQ number RPQ WE1191, Program Number 5799-AJF.  
The practicing economist, business forecaster or teacher is provided with easy-to-use tools by interactive model building and model solving. Care has been taken to use much of the power inherent in APL, using its available set of primitive functions and its compact data handling and logic capabilities.  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
Release Notice  
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5536

INTRODUCING THE COMPUTER, IUP 5796-PDX, NOTICE

This release notice contains information about use of a course entitled Introducing The Computer which can provide an understanding of computers and data processing for any personnel in your organization.

The course covers:

- o An Introduction to Data Processing
- o An Electronic Data Processing System
- o Data Recording Media
- o Storage Devices
- o Central Processing Unit
- o Input/Output Operation
- o Input/Output Devices
- o Advanced Data Processing Concepts

Release notice, 4 pages, 10/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5544

NUMBERING SYSTEMS, IUP 5796-PEZ, 5796-PFE, NOTICE

This document contains information about use of the Numbering Systems course for 3270.

having applicability to a broad academic as well as industrial audience, this tutorial course can be utilized as an enhancement to existing mathematics and computer curriculum or in-house training programs. Additionally, it serves as a means of fulfilling prerequisite requirements for the computer Concepts and Programming Curriculum.

Through the selective teaching facility of the course, students, employees, faculty and training personnel can choose to study, review or be tested on any of the following topics:

- o Binary counting
  - o binary and hexadecimal arithmetic
  - o numbering systems conversion
  - o hexadecimal floating point conversion
- With an expected completion time of approximately 5 hours, the course provides substantial flexibility in required instruction or in supplemental/remediation situations. Developed on the basis of "Numbering Systems" (IUP 5796-PCG), this course offers:
- o A full tutorial online format that utilizes full-page, rapid presentation and selective hard-copy features of 3270 support.
  - o rapid review and adaptation to existing computer literacy/science and secondary mathematics programs and in-house training programs.

Release Notice, 6 pages, 11/75

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5546

HIPODRAW, IUP 5796-PFF, NOTICE

This document contains information on use of the HIPODRAW Installed User Program, which provides machine-generated HIPO documentation. HIPO (Hierarchy plus Input-Process-Output) is a technique for documenting systems and programs in a highly disciplined way. Since HIPO diagrams explain what a system does, rather than how it does it, they are truly useful as a design aid and documentation tool. Because of the versatility of HIPO documentation, it can be of great value throughout the design, coding and implementation of applications. To provide maximum benefit, HIPO documentation must be thoroughly prepared and diligently maintained. Since HIPO documents require both text and artwork, their preparation and maintenance is often viewed as too difficult by programmers or programming managers. Often the production and maintenance of traditional program documentation is difficult enough.

HIPODRAW addresses the problem of program documentation by providing computer-generated and, more important, computer-maintained, program documentation. Input is supplied using a straightforward series of statements; output consists of a series of charts and supporting text which make up a HIPO documentation package. The publication HIPO - A Design Aid and Documentation Technique (IBM Corporation, GC20-1851) describes the value of using HIPO techniques. HIPODRAW output conforms to the standards suggested in this manual.

Release Notice, 6 pages, 7/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5548

PANEL - A LINE ART TECHNIQUE, IUP 5796-PFJ NOTICE

This document contains information on use of Panel - A Line Art Technique.

A "graphic panel" is a single page presentation which may include text, lines, boxes, and other simple graphic objects.

Panel is an APL program package for the interactive creation of graphic panels that are supportive to productivity gains in many environments. The package is especially applicable for creating flowcharts, state diagrams, HIPO diagrams, record specifications, or any figures that aid in the documentation process.

Release Notice, 4 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5549

GRAPHIC ANALYSIS PROGRAM, IUP 5796-PFK, NOTICE

This document contains information on use of the Graphical Analysis Program, an interactive APL program which provides comprehensive graphing facilities, including curves, bar charts, and histograms. Standard defaults are linear graph

paper, flexible user-defined axes, and non-overlap of numeric values along axes. Labeling can pertain to the curves or axes and additional comments can be added. Other options include coarse or fine grid notation, logarithmic or probability axes, and user-defined scales. Curves can be plotted to show any of the following: marked data points, unconnected points, clipping the curve at measured limits, histogram and/or multiple histogram bars per step, bar charts and/or multiple bars per step, labeling of data points with numeric data, and shaded histogram bars.

Release Notice, 6 pages, 1/76

SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-5553

IMS/V5 MASTER TERMINAL OPERATOR TRAINING, IUP 5796-PFN, NOTICE

This document contains information on use of the IMS/V5 Master Terminal Operator Course Installed User Program, which can be used to train personnel how to use IMS/V5 commands and how they relate to the major functions of controlling an online IMS/V5 system. Using a text and workbook in conjunction with an online terminal, students are led through a series of exercises that simulate master terminal operation. During the simulation students will be exposed to startup, shutdown, recovery, monitoring and controlling situations similar to what they might encounter in the live environment.

The discussions and exercises are applicable to IMS/V5 Versions 1.0 and 1.1. The VTAM related commands of Version 1.1 are not included.

Release Notice, 4 pages, 1/76

////5796-PFN

G320-5651

HOSPITAL PAYROLL MANAGEMENT SYSTEM, IUP 5796-AJQ, NOTICE

This document informs potential customers about use of the Hospital Payroll Management System, as installed at St. Joseph's Hospital, North Providence Rhode Island, which handles multiple institutions. It is a batch application with the objective of performing the functions required for a hospital's payroll needs. Besides the basic payroll calculation processing and associated reporting, the system includes valuable management aid in the areas of labor distribution and budgeting. Much of the system is table-driven, which improves its transferability and maintainability. The Hospital Payroll Management System was written to provide a complete payroll system for the DOS/V5 user. It accommodates the standard gross to net processing for special hospital requirements, such as float time and shift differentials, both weekly and biweekly. A paycheck is produced with a detailed free-form stub that can contain up to 10 individual deductions plus FICA, federal, state and local tax categories. A payroll register is produced that shows all detail associated with the paycheck produced for each employee. The gross-to-net listing shows all tax deductions. Separate registers are printed for the major deductions and a consolidated one is printed to report the miscellaneous deduction. An employee earnings report showing each check that each employee has received, along with supporting information, can be produced as needed.

Release notice, 6 pages, 4/76

////5796-AJQ

G320-5655

ONLINE APPLICATION SIMULATION MACROS, IUP 5796-AJZ, NOTICE

This document informs potential customers about use of the Online Application Simulation Macros (FIID and SUM) Installed User Program which can be used to train your terminal operators on most online application systems through simulation. Hands-on practice can be provided to potential and existing terminal operators by the use of this simulation tool. Operators can be presented with the exact screens they will be using in the online application system and can be asked to respond in the appropriate manner. Learning is faster and can be reinforced by repeating the screens until proper responses are given and by giving appropriate error messages for incorrect responses.

The Online Application Simulation Macros are designed to work with the Expanded Course Structuring Feature of the Interactive Training System, which:

- o Permits students to advance at their own pace.
- o Allows instruction to be scheduled to accommodate job demand and terminal availability, without impacting other online applications.
- o Provides the means to evaluate student progress and to find possible problem areas with the application system.
- o Allows students to go back and review those areas of the system they feel require additional practice.

Release notice, 4 pages, 2/76

////5796-AJZ

G320-5657

FUNDAMENTALS OF FLOWCHARTING, IUP 5796-PFY, NOTICE

This document contains information on use of the Fundamentals of Flowcharting course, a computer managed instruction (CMI) course designed to teach people new to the data processing field how to read and construct basic program flowcharts. A basic introduction to data processing concepts and equipment is provided, and the student is introduced to the use and meaning of flowcharting symbols. The student receives instruction on how these symbols are

put together in a flowchart diagram to show the sequence of operations in an information processing system.  
Release Notice, 4 pages, 1/76  
////5796-PFY

G320-5659

LIFE INQUIRY/DATA ENTRY ENHANCEMENT, IUP 5796-AKD, NOTICE

This document informs potential customers about use of the Life Inquiry/Data Enhancement program, consisting of five modules which simplify the entering of eleven CFO transactions under the DOS version of the Life Inquiry/Data Entry Program Product (5746-W11) using 3277 Display Stations. These modules allow the terminal operator to display the pertinent data contained in the master policy record and then enter only the desired changes as the screen containing the previously recorded data is displayed. In this way, two CFO transactions (add and delete) are generated by one entry (change) and only data that is altered needs to be entered.

The five Assembler language modules replace certain LI/DE modules. They operate with CICS/VS under DOS/VS. They enhance the data entry portion of LI/DE for certain CFO (either '62 CFO or CFO II) transaction codes. Highlights:

- o Reduces the CPU overhead required to find, display, and alter a policy record.
- o Increases the terminal operator's productivity by reducing the number of screens and key-strokes required to enter the above transactions.
- o Two CFO transactions, Add and Delete, are generated by one CICS entry or change.
- o Reduces the chance of error in manually transcribing data from a "status" screen and subsequently entering it in a transaction screen when performing policy record additions and deletions.

Release notice, 4 pages, 4/76  
////5796-AKD

G320-5663

STATUTORY GAAP VALUATION SYSTEM, IUP 5796-AJR, NOTICE  
The Statutory/GAAP Valuation System calculates statutory and GAAP reserves and premium items and details on policy values for year-end and interim valuation. It accepts the CFO II policy master file without the need for a conversion program which converts the '62 CFO policy master file to the CFO II policy master file format.

The logic of the system is similar to the '62 CFO valuation logic, but has been significantly altered to take advantage of improvements in programming techniques. The most important addition to the system is the GAAP valuation capability. Other enhancements include the ability to process accident and health reserves; the ability to compute due, deferred, and advance premiums on ninthly and tenthly modes; more comprehensive editing; audit trail provisions; and many additional reports not provided in 62 CFO valuation.

The Statutory/GAAP Valuation System includes programs that print a variety of detail and summary reports, calculate reserves released, process policy exhibits, provide conversion capability from '62 CFO tape formats, and maintain various reserve tapes.  
Availability notice  
////5796-AJR

G320-5664

APL FORECASTING & TIME SERIES ANALYSIS, IUP 5796-PFX, NOTICE  
This document contains information on use of the APL Forecasting and Time Series Analysis Installed User Program, an interactive model solving system that employs the Time Series Analysis techniques developed by Box and Jenkins. (For a discussion of Box and Jenkins theory, see Time Series Analysis, Forecasting and Control, published by Holden-Day, 1970.) This IUP is installed at IBM Corporation System Products Division, East Fishkill, New York.

This IUP offers the user a procedure for the identification, specification, estimation and diagnosis of models for time series analysis. Once an adequate model has been determined, forecasts are computed for future values. The IUP further provides a transfer function. This is a dynamic input/output model depicting the relationship of the output results to input values. Output is presented in report data form.

The APL Forecasting and Time Series Analysis IUP is used for:

- o Inventory projections
- o Workload projections
- o Sales forecasts
- o Budget forecasts
- o Yield projections

Release Notice, 6 pages, 1/76  
////5796-PFX

G320-5665

A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PEF, PEH, NOTICE  
This document contains information on use of a Departmental Reporting System which:

- o is designed to allow the business professional with little or no DP experience to produce reports customized to his requirements after a few hours of training. The commands are made up of an English-like language, with words such as SETUP, INPUT and PRINT. An APL based system, it is conversational

and prompts the user for responses. In addition, it facilitates modification of existing report formats and data.

- o Has powerful editing and formatting capabilities. Customized report headings and unique report formats can be accommodated. The user simply describes his report in response to prompting from the system. Tiers of data with subheadings within the report - required for "spreadsheet" applications - can be implemented. Headings are justified or centered, as the user desires.
- o allows the user a flexible calculation capability. Arithmetic functions including exponents and running totals can be performed. In addition, alphanumeric data can be interspersed with numeric data, allowing for added reporting flexibility.
- o provides a sorting capability. The user can sort rows based on specific column values to provide reports tailored to his requirements. Another feature is the ability to selectively print information from the report data base. The consolidation feature of A Departmental Reporting System is an excellent aid for producing reports for upper management. Individual department data bases can be accessed to produce a consolidated report of selected data. This facility helps eliminate the redundancy and manual effort usually associated with meeting upper management information requirements.

The primary objective of this Installed User Program is to provide the fast response needed to serve management.  
Release Notice, 8 pages, 1/76  
////5796-PEF,5796-PEH

G320-5678

3661 FILE CREATION ASSISTANCE, IUP 5796-PFZ, NOTICE  
This document describes for potential customers use of the 3661 File Creation Program.

This Installed User Program supports use of the IBM 3660 Key Entry Supermarket System. It is installed at the IBM Store Systems Development Center in Raleigh, North Carolina.

The 3661 Store Controller uses customer-supplied options to control the checkout terminals in a supermarket, perform price lookup, check authorization, automatic tax calculation, multiple pricing, and maintain various types of store report information. These options must be specified at the host CPU and communicated to the controller in machine-readable format. The 3661 File Creation IUP provides a means for the customer to specify the options desired, allow changes to be made to those selections, and generate the data stream necessary to load the controller.  
Release notice, 4 pages, 4/76  
////5796-PFZ

G320-5687

CICS/DOS/VS PROOF OF DEPOSIT AND TRANSIT SYSTEM, 3890 FEATURE, HOUSTON NATIONAL BANK, NOTICE - IUP 5796-AKW, 5796-AKT, 5796-AGA

This notice announces release of IUP 5796-AKW, which will allow one 3890 to run under CICS/DOS/VS. Microfilming, item numbering, endorsing, and merge feed are supported. The 3890 image processing capability is used for document flow control through the system. The 1419 is used to provide backup for the 3890.

- Prerequisites to this program are:
- o The Houston National Bank Proof of Deposit and Transit System - IUP 5796-AGA
  - o Enhancements - IUP 5796-AKT
  - o 3890 DOS/VS Application/Installation Support - FDP 5798-BDC
  - o 3890 DOS/VS Offline Fine Sort - FDP 5798-CFD
  - o DOS/VS Sort/Merge 5746-SM1
  - o Customer Information Control System for DOS/VS - PROG PROD 5746-XX3
- Release notice  
////5796-AKT,5796-AKW

G320-5688

APL STATISTICAL LIBRARY, IUP 5796-PHW, 5796-PGQ, NOTICE

APL Statistical Library for APLSV (5796-PGQ)  
APL Statistical Library for APL/CMS and VSAPL (5796-PHW)  
The APL Statistical Library Installed User Program is designed for use in solving problems in statistics and linear programming. It is written in the APL language for ease of use by statisticians, engineers, research workers, business analysts and others who solve statistical problems. The interactive operation of the Statistical Library simplifies usage, allows concentration on problem solving, and reduces the delays and some of the sources of error encountered using batch mode. The user may perform analyses as needed, thus obtaining faster solutions and increasing his productivity. This IUP is installed at IBM Corporation, System Products Division, East Fishkill, New York.

The functions provided include the following general categories:

- o Descriptive Statistics
- o Inferential Statistics
- o Analysis of Variance
- o Regression Analysis
- o Correlation Analysis
- o Quality Control
- o Non-linear Least Squares
- o Reliability Analysis
- o Linear Programming

Release Notice  
 ///5796-PGQ,5796-PHW

G320-5696

SCRIPT/370 VERSION 3, IUP 5796-PHL, NOTICE  
 This document announces availability of the SCRIPT/370 Version 3 Installed User Program, a comprehensive text processing facility for users of VM/370 CMS. It can be used to simplify the work of typing, correcting, printing, examining, and updating letters, manuscripts, memos, or programming documentation. It is used by secretaries, programmers, publication specialists, and administrative personnel. Application systems and programs can be documented as they are being developed, and the documentation can be updated as the programs are being maintained.

SCRIPT/370 Version 3 adds new capabilities to those of SCRIPT/370, an IUP released in November 1972 as 5796-PAF, and is a complete internal rewrite of that IUP. SCRIPT/370 Version 3 and its predecessor versions were developed at the IBM New England Programming Center, Burlington, Massachusetts. Version 3 and its internally distributed predecessor (Version 2) are widely used within IBM. Flyer, 8 1/2 x 11 inches, 6 pgs, 10/76  
 ///5796-PHL

G320-5700

BRANCH PROCEDURES FOR 3614 CTF OPERATIONS, SUBURBAN TRUST CO  
 This manual is intended as a guide to assist financial institutions in developing plans and procedures for servicing and maintaining installed IBM 3614 Consumer Transaction Facilities. The manual reproduces the procedures that Suburban Trust Company of Hyattsville, Maryland, has established for restocking currency, removing deposits and payments, issuing and controlling plastic identification cards, settling the day's transactions, and related functions to be performed by the branch personnel in charge of the 3614 operations. The manual supplements the instructions in the IBM 3614 Operator's Guide (GA66-0001). Manual  
 //08/3614/

G320-5705

STOCKHOLDER RELATIONS & MANAGEMENT, IUPS 5796-PHH, -PHJ, -PHK, NOTICE  
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

IUP 5796-PHH, The Basic Stockholder Records and Stock Transfer System, provides the capability to maintain shareholder records, maintain certificate records transfer stock, answer stockholder inquiries, solicit proxies and conduct stockholder surveys. This is accomplished by a combination online, offline system. The online application provides for data entry of stock transfers, indicative changes, certificate issuance, and proxy transactions and an information retrieval capability of the up-to-date stockholder ownership and certificate files. The offline application provides a complete update system and a wide range of supporting functions including:

- File Maintenance (Purge and Merge/Purge)
- Stockholder Reporting (Annual and Quarterly)
- Management Reporting
- Proxies and Proxy Reconciliation

IUP 5796-PHJ, the Dividend System, has online operations and offline processing.

The online operations permit the inquirer to check the status of dividends paid to stockholders covering the previous five quarters. The status of each dividend is shown as either cashed or still outstanding. The record of dividends paid prior to the previous five quarters is also maintained as long as the dividend checks remain uncashed.

The offline processing adds and deletes dividends applicable to a quarter when required and creates a file for backup purposes.

At year end, reports are prepared showing domestic and foreign payments (1099/1042) for accounts. The system has the ability to provide year-end dividend totals at the same time as the final quarter dividend payment, thus requiring only a single mailing. The system generates machine readable tapes for the governmental authorities (State, IRS). Year-end state tax reports are also provided. The system does not reconcile dividend checks. The Basic Shareholder Recordkeeping and Stock Transfer System (IUP 5796-PHH) is a prerequisite to the installation and use of the Dividend System.

IUP 5796-PHK, the Stock Split and Stock Dividend System is designed to handle stock split and stock dividends of any size. The basic input to the system is the stockholder information record which contains the stockholder records as of the split date.

Release Notice, 8 1/2 x 11 inches, 12 pgs, 3/77  
 ///5796-PHH,5796-PHJ,5796-PHK

G320-5706

STATISTICS & TESTS & MEASUREMENTS, IUP 5796-ALC, NOTICE  
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Installed User Program consists of two operationally independent but logically related courses; "Data" and "TM" (Tests and Measurements).

The course "DATA" has two major sections, Basic Concepts in Statistics, and 'Hypothesis Testing'. Part I, Basic Concepts includes instruction dealing with population, mean, frequency curve range, standard deviation, variance, and hypothesis. In part II, Hypothesis Testing, students conduct simulated research studies. Data are analyzed and hypothesis are tested for statistical significance. The Tests and Measurements course is a data bank of questions which test specific objectives determined by an instructor. Release Notice  
 ///5796-ALC

G320-5707

SELECTED TOPICS IN ALGEBRA & CALCULUS - IUP 5796-ALD, NOTICE

The general objective of this installed user program is to provide needed individualized tutorial instruction, drill and practice and testing in selected areas of Algebra, Pre-Calculus and Calculus. Through a high degree of learner control the student may choose a specific topic, and, if he so chooses, explore the topic in greater detail than the regular tutorial and drill parts.

The objectives of this product are achieved through combining two separate courses entitled "Modern University Mathematics Supplement (MUMSUP)" and "Inequalities and Absolute Values (INEQ)". The orientation is computational but all definitions and formulae are given in exact mathematical terms before they are stated in "more common terms". Upon completion of a module or section of this course the student should have a good understanding of all rules and formulae presented both in a developmental and application sense.

The courses contained in this product originally were written for in-progress Algebra, Pre-Calculus and Calculus students and is best utilized in that setting. This course may also be used as a review or refresher to prepare for a particular course which has topics that are covered in this product. Release Notice  
 ///5796-ALD

G320-5709

IMS/V5 ONLINE DATA ENTRY SYSTEM, IUP 5796-ALH, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The IMS/V5 Online Data Entry System is a general purpose interactive utility which is comprised of both IMS Batch and Message Processing application programs. The System permits the tailoring of input data on video display screens to match the format of the source documents, performs preliminary in-line field edits, insures transaction completion, redisplay page images upon request, collects documents into groups, reformats the data gathered and routes it to the applicable on-line or batch application programs, and provides daily productivity and control reports. The System supports both local and remote CRTs. Flyer, 6 pages  
 ///5796-ALH

G320-5715

3890 STATEMENT PREPARATION SORT - IUP 5796-ALP, NOTICE

This Notice announces release of the 3890 Statement Preparation Sort IUP which consists of a document sort program executed in the 3890 and the CPU, and an enclosure verification report program. It is assumed that the documents to be processed have been bulk filed or cycle sorted.

The 3890 sort must accomplish certain functions to prepare the documents for the statement stuffer. First, the documents must be sorted in the same sequence as the printed statements. Because statements can be generated from different postings and have overlapping account numbers, a traditional offline sort on account number would not work. Thus, an online table driven sort is used. It offers the flexibility of any document sequencing required by the bank and allows for an ultimate compression sort. Pocket codes for each pass are determined by the host program and included in the table.

Next, a technique was developed to accomplish the insertion of the trigger documents between each account. The method used at Mercantile is known as a waterfall.

The user supplies a sorted Demand Deposit Account Statement File which is input to the first step of the 3890 Statement Preparation Sort. From the Statement File a sort table is built in the CPU, pocket assignments are made, the resulting program is loaded into the 3890 and the documents are sorted in four passes. On the fourth and last pass of this sort, document images are written to disk.

When this phase of the sort is complete accepted images are on disk, unmatched items are selected to module/pocket 1-2 (items not on the Statement File), and matched items are sorted in statement sequence with separators inserted between the documents for each account.

The final function required is the counting of documents. On the final pass of the document sort, the images of the accepted items (which are captured on disk) are sorted in the sequence they appear in each pocket (i.e., all items in pocket 1 followed by all items in pocket 2,

etc.). The items for each account are then counted and a listing is produced - differences from expected enclosure counts are highlighted. This listing is used to condition the work for the stuffing machine and to resolve differences detected by the stuffing machine.  
Release Notice, 4 pages, 3/77  
///5796-ALP

The final schedule is produced as a batch report and is posted at the nursing unit. This is the schedule that will go into effect 16 days later.  
Release Notice, 8 1/2 x 11 inches, 4 pgs, 3/77  
///5796-ANA

G320-5717

ACTION CENTER SUPPORT SYSTEM, IUP 5796-ALY, -ALZ, NOTICE  
The ability to provide rapid responses to consumer concerns and complaints is of importance to any organization. The City of Garland, Texas, established their Action Center as a focus for citizen concerns. The Action Center Support System Installed User Program (5796-ALY for DOS/VS and 5796-ALZ for OS/VS) was written to aid the Action Center personnel in handling citizen concerns before they became complaints. Although it was designed to handle the needs of local government, it is applicable to any organization that interfaces with a consumer of that organization's product or service.  
Release notice  
///5796-ALY,5796-ALZ

G320-5720

CASH APPLICATION TERMINAL SYSTEM CICS/VS - IUP 5796-ANB, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
This product, Cash Application Terminal System - CICS/VS, is an Installed User Program currently operating at the E. Kahn's Sons Company in Cincinnati, Ohio. The system is a CICS/VS version of the announced FDP 5798-CDF Cash Application Terminal System MICS. This system contains all the former's functions plus the addition an "Activity - Audit Log".  
The programs allow the user the ability to enter all of the cash payments online into a batched file and then to come back at another time and to resolve the payments. Some are resolved by the system and must be verified by the operator; others are resolved by the operator via a light pen. Payments can be partially applied, entered on account or a future payment.  
Release Notice  
///5796-ANB

G320-5721

NURSE SCHEDULING - IUP 5796-ANA, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
Four weeks' prescheduling, with the ability to make online changes, provides advance information on staffing problems. Employee morale was improved by providing structured and readily accessible work schedules 16 days in advance of the time period.  
Online systems include employee profiles with education and professional qualifications, special skills, and other data useful in scheduling. Information access by employee number is immediate through video terminals which can also provide attendance patterns, vacation days earned, schedule preferences, and notes regarding on-call availability.  
In addition, video terminals are used to display and update preschedule, final schedule, and current schedule information. The display is in calendar format. Schedule changes are entered through the terminal for ultimate printout and distribution to nursing units.  
Nursing staff requests are handled online through video terminals to accommodate and verify scheduled work requests, leave of absence, vacations, and holiday requests.  
A primary tool in the staffing operations is the core requirements analysis. This online system is accessed via video terminals to display or update core requirements. The staffing needs for each unit are shown, as is the type of rotation for that unit.  
A batch report is also generated which indicates staffing needed in terms of numbers by unit, by shift, and by category of personnel. The number of personnel scheduled is also listed. The report is then used to call in additional staff or to preassign those already scheduled as required. A computer report is prepared which lists by name all nursing personnel on duty by unit, shift, and category.  
As a supplement to the online personnel profile data, a batch report is issued in the form of a specialty list which identifies personnel qualified or trained in intensive care, coronary unit, or other specialized services.  
Another batch report which facilitates staffing management is referred to as an off-on call list. This identifies, by nursing unit, all personnel by name, status, telephone number, and two-week schedule. It provides notations as to whether each individual is available for extra work, when to call, when not to call, etc. The staffing office finds this invaluable in replacing personnel who cannot report to work.  
A core composite report is also produced which shows, by nursing unit and by shift, whether a given area is overstaffed or understaffed. This report is then used over the 16-day period to fill in vacancies or to make other adjustments.

G320-5723

ONLINE BUDGET ACCOUNTING SYSTEM - IUP 5796-ANC, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
Smaller System/370 users now have an opportunity to bring the benefits of on-line processing to their financial operations. Designed to provide educational institutions with an integrated set of budgetary accounting functions, the CICS/VS Budget Accounting System is appropriate for many state, local government and educational organizations.  
This system has been designed to serve both as an accounting system and an information management system. It readily makes available to the business manager all transactions that have occurred in any budget for the current fiscal year.  
ON-LINE OPERATIONS

Eight conversational CICS programs developed at John C. Calhoun State Community College support the use of IBM 3277 Display Stations for common accounting functions. Purchase orders and special checks are printed on-line at a nearby IBM 3284 Printer.

The range of daily on-line functions includes: purchase order entry, cash receipts, disbursements, non-purchase order check requests, journal entries, and maintenance of the budget and vendor files.

FINANCIAL INFORMATION MANAGEMENT

The CICS/VS On-Line Budget Accounting System maintains all budgets, both as to credits and debits, traces cash flow through a budget, and produces all financial reports that are required by the business office.

A comprehensive inquiry program permits selective display of all financial data, including transactions for any range of dates during the fiscal year. Eight batch programs produce monthly, quarterly, and annual reports as well as printing accounts payable checks.

Release notice, 8 pgs, 2/77  
///5796-ANC

G320-5724

DYNAMIC BTP GENERATOR - IUP 5796-ANF, NOTICE  
This IUP simplifies the work of a Data Entry Supervisor and a Computer Operator at the point in time when completed batches on a 3760 cluster are ready for transmission to the host System/370. Without this type of application, the Data Entry Supervisor calls the Computer Operator and names the batches which are ready. The operator then punches control cards naming each batch and submits the control cards to the 3760 Batch Transfer Program (BTP). An alternative method utilizes a set of control cards naming all batches which can be generated at the 3760. This complete set is submitted to BTP each time the data entry supervisor notifies the operator that there are completed batches ready for transmission. Both alternatives tie up system and/or human resources that might otherwise be used more productively.  
The Dynamic BTP Generator System was developed by Marsh & McLennan, Inc. at their San Francisco Data Center to help complete the automation of data entry; starting with keying data at the 3760 station and ending with the cataloging of data sets at the System/370 host system.  
This IUP can significantly reduce the operator intervention, amount of voice communication, and machine resources otherwise necessary for data transfers between a 3760 data entry operation and a System/370 host system.  
Release Notice  
///5796-ANF

G320-5725

AUTOMATED HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VS IUP'S 5796-AQT, 5796-ANH, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
The First American Automated Teller Host Support System Enhancements (IUP 5796-AQT) is based on the system at First American National Bank in Nashville, Tennessee. This IUP represents significant enhancements to the Automated Teller Host Support System - CICS/DOS/VS (IUP 5796-ANH), which remains a separately orderable IUP. The Enhancements IUP can be ordered by current and new users of the prerequisite Automated Teller Host Support System and integrated into their ATM host application systems under CICS/DOS/VS.  
Enhancements include:

- Operates in conjunction with FPD 5798-CPT, "3614 Consumer Online Transaction System - Extended Application Support."
- New 3614 features supported at the host include:
  - (a) dual-denomination
  - (b) DES encryption
  - (c) journal printing
- Support of two additional special transactions provides:
  - (a) Initialize cash
  - hopper 1

- hopper 2
- (b) Add cash
  - hopper 1
  - hopper 2
- Support is added for two 3614 commands at the host:
  - (a) Request Customized Option Data
  - (b) Change Customized Option Data
- Provides interface at the host to the new 3614 Hard Failure Analysis Program provided with DOS/VS 3600 Host Support IK 4.
- A new Monthly Statistics Program produces a Monthly Transaction Breakdown by Time of Day (by ATM and a network composite), Monthly Transaction Analysis Report (by ATM and composite), and a two-page Monthly Statistical Summary. The Statistical Summary consists of a recap of statistics for each day of the month and final totals for the entire month (page 1) and also a ranking of the ATMs in the network by Transaction Volume, Total Debits and Total Credits (page 2). The Transaction Volume ranking shows a four-month volume and ranking history.
- Automatic Network Monitoring is implemented to help to maximize availability of the ATM network to the consumer. The network control operator is alerted to exceptional conditions in the network, including:
  - (a) the loss of communication with an ATM or an entire controller,
  - (b) an unusually low transaction rate (based on time of day) at an ATM, and (c) a low cash supply condition at an ATM.

Release Notice, 8 1/2 x 11 inches, 8 pages, 1/78  
 ///5796-ANH,5796-AQT

G320-5726

ONLINE NEWSPAPER CIRCULATION SYSTEM, IUP 5796-ANP, Q, NOTICE  
 This IUP is a newspaper customer service system which has the ability to handle subscriber starts, stops, restarts and service complaints. The application provides the terminal operator with transactions to enter these, plus changes in subscriber account and billing information. The system maintains a router data base of street addresses and performs automatic selection of a delivery route for a new or moving subscriber. The system also maintains a data base of subscriber account information. It is designed to handle circulation transactions in a consistent, efficient manner, and provides statistical information regarding subscriber stops and complaints that is helpful to circulation management.

This publication describes the system functions, operation environment, installation activities, and ordering procedure for this system.  
 Release notice, 8 1/2 x 11 inches, 8 pgs, 8/77  
 ///5796-ANP,5796-ANQ

G320-5730

ATMS-II OPERATIONS QUICK REFERENCE GUIDE, PROG PROD 5740-XXV (ATMS-II/OS/VS) AND 5746-XXG (ATMS-II/DOS/VS)  
 This quick reference guide is meant to be used as a source of fast reference for those commands and controls associated with the control terminal operations of ATMS-II. It is not meant to replace the ATMS-II Operations Guide, and should be used only after a thorough knowledge of that manual has been obtained.

Although system responses shown are those received at a keyboard-printer terminal, commands contained in this guide may be used at a 3270 Information Display terminal.  
 Manual, 8 1/4 x 4 7/8 inches, 36 pgs., 10/76  
 ///5740-XXV,5746-XXG

G320-5739

THE COUNSELING PROCESS, IUP 5796-PJD, NOTICE  
 "The Counseling Process" installed user program provides new or experienced managers with concepts and procedures used during employee counseling sessions. It provides a common base from which further in-depth discussion regarding counseling techniques may take place.

The course contains the following sessions:

- o Introduction to Counseling
- o Preparing to Counsel
- o Discussion Techniques
- o Actions Performed During Counseling
- o Conducting the Counseling Session
- o Case Study

A formal classroom setting is unnecessary since the course is presented interactively wherever a terminal is available. While the course was designed to be completed in one sitting (approximately one hour), it can be scheduled to accommodate job demands and terminal availability. Specific company policies can be incorporated in the course by adding to or modifying the present course contents.

Upon completion of the course, the manager should have an understanding of the basic techniques of counseling and know when, where and how to use them. He should be able to describe the manager's role in a counseling sessions and how it differs from the employee's actions.

This document announces release of the program.  
 Release Notice, 4 pages, 3/77  
 ///5796-PJD

G320-5740

IMPROVED ECONOMIC DECISION MAKING WITH IUP 5796-ANJ, NOTICE  
 This Availability Notice contains complete ordering information for the Program and all its related

documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This IUP is a generalized model for the economic evaluation of investment alternatives. Its uses include the evaluation of:

- o New investments in plant and equipment
- o Potential new product lines and promotions
- o Lease versus purchase alternatives
- o Make versus buy alternatives
- o The financial impact of potential master production schedules

A project for evaluation can consist of up to one hundred different product categories or entities. Project income statements and cash flows are produced showing internal rate of return, payback and net present value.  
 Release Notice, 6 pgs, 2/77  
 ///5796-ANJ

G320-5744

IMS APPLICATION DEVELOPMENT FACILITY, IUP 5796-PHX, NOTICE  
 This document describes full capabilities of the Application Development Facility including features added by Version 1 Release 3. This program provides a means for quickly and efficiently developing programs using IMS/VS by relieving the programmer of the need to code in detail many of the most frequently used IMS/VS functions.  
 Flyer, 8 1/2 x 11 inches, 6 pages, 7/80  
 ///5796-PHX

G320-5745

APL GPSS, IUP 5796-PJF, -PJG, NOTICE  
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The APL GPSS for APLSV (5796-PJF) and APL GPSS for VS APL (5796-PJG) Installed User Programs are designed for use in carrying out simulation studies. They are written in APL and employ a modified subset of the GPSS (General Purpose Simulation System) language for ease of use by scientists, engineers and analysts. The simple block diagram language of GPSS provides a quick, easily learned method of describing models. The interactive operation, under APL, allows concentration on problem solving, and reduces the delays and some sources of error encountered in batch mode. Also, an investigator now can have direct control over a simulation study, and can expect to increase productivity by getting results more rapidly than in batch mode. This IUP is installed at IBM Corporation, System Products Division, Poughkeepsie, New York.

APL GPSS for APLSV (5796-PJF) requires the installation of APL Shared Variables Release 2.1, Program Number 5799-AJF PRPQ WE1191, or APL Shared Variables Release 3, Program Number 5799-AQC PRPQ MG6282.  
 Release Notice  
 ///5796-PJF,5796-PJG

G320-5748

3600 OFF-LINE TELLER SYSTEM, IUP 5796-ANR, NOTICE  
 This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Installed User Program is installed at Illinois National Bank, Springfield, Illinois. The product provides the user the ability to install an IBM 3600 Finance Communication System in an offline mode, as well as providing on-line inquiry to a customer information file. It supports 3600 and 3612s. The following Teller transactions are provided:

- check cashing
- deposits to checking
- deposits to savings
- withdrawals from savings
- account inquiry into savings
- account inquiry to checking
- savings passbook updates
- payment of mortgage, automobile, installment loans
- account inquiry to installment loans
- account inquiry to mortgage loans
- miscellaneous payments

Release Notice, 8 1/2 x 11 inches, 4 pgs, 7/77  
 ///5796-ANR

G320-5750

TREND ANALYSIS/370 DATA BASE AIDS, IUP 5796-AQK, -AQL, -AQN, NOTICE  
 This Availability Notice describes three programs. They are all support programs for users of Trend Analysis/370 (5740-F12).

- 5796-AQN Time Series Data Base Maintenance
- 5796-AQL Data Base Copy Programs
- 5796-AQK DASD Utilization Analysis

Flyer, 6 pages, 5/78  
 ///5796-AQK,5796-AQN,5796-AQL



G320-5751

ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Online Student Registration and Accounting System Installed User Program 5796-ANW developed by William Rainey Harper College, in Palatine, Illinois, was designed to meet the comprehensive needs of an educational institution with complex reporting requirements, non-traditional education methods, and dispersed teaching locations.

Using experience gained from implementing online registration systems in the late 1960s, Harper designed this product around three major components:

- Curriculum Development
- Student Registration
- Cashier/Bursar Activities

Curriculum Development involves all steps required to develop an institution's Master Schedule of courses. Student Registration provides the capability of registering students into classes. Cashier/Bursar Activities enables the college to monitor student payments generated by the registration process.

Flyer, 8 1/2 x 11 inches, 6 pgs, 8/77

////5796-ANW

employee. Other files carry employee historical information, departmental totals, tax rates and other basic information and an alphabetic listing of employees.

Personnel reporting capabilities include personnel listings, termination reports, salary analysis, review sheets, staffing reports, attendance reports and turnover reports.

Payroll reporting includes earnings statements, stock reports, W2 and 941A forms, payroll register, deduction register, termination listing, no-pay or deduction not taken reports, and overtime reports. The system handles a biweekly payroll, and provides for incentive pay. Retirement plan, stock plan and equal employment opportunity records are included.

This system operates under OS/VS1 and CICS/VS/VS. The programs are written in ANS COBOL.

Release notice, 8 1/2 x 11 inches, 6 pgs, 8/77

////5796-AKH

G320-5758

APL DATA INTERFACE, IUP 5796-PKA, -PKB, -PKC, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

These programs are intended for business planners, forecasters, analysts, production controllers, researchers and other professional who are involved in manipulating large amounts of data. They are developed within IBM to provide such end users, having no programming skills, with an online, easy-to-use tool for satisfying much of their own data processing requirements. Working at an APL terminal, an end user describes the data file to be processed via interactive, prompting messages and is then able to process queries into the data. User data can originate from an external DOS or OS system; information in two separate files can be linked together through common data. The programs operate in the following environments:

1. VSAPL (5748-AP1 Rel 2) under VM/370 (CMS)
2. VSAPL (5748-AP1 Rel 2) under VSPC - DOS/VS, OS/VS1, OS/VS2 (MVS)
3. APLSV Version 2.1 (5799-AJF, PRPQ WE1191) or APLSV Version 3 (5799-AQC, PRPQ MG6282) - OS/VS1, OS/VS2 (SVS and MVS)

Release notice, 8 1/2 x 11 inches, 6 pgs, 7/77

////5796-PKA,5796-PKC,5796-PKB

G320-5752

AUTOMATED BILL PAYMENT SYSTEM, IUP 5796-ANX, NOTICE

This document announces release of this IUP, installed at Commercial Federal Savings & Loan Association in Omaha, Nebraska. The Automated Bill Payment System allows one time and recurring payments of any bills anywhere in the country and transfers money to and from checking accounts. It provides a multi-purpose customer automated bill paying system for financial institutions. This product utilizes the IBM 3270 Display Stations and will function with 5796-NLZ which allows S/7 and 12 key touch tone telephone input.

This Automated Bill Payment System provides benefits to all the parties involved. The customer gets convenience and time savings; cost savings on stamps, envelopes and checks, better control and record keeping; and for Thrift customers, interest on their deposits. The financial institution can promote a new innovative service; cut paper processing costs inherent in check processing and better promote automatic deposits of payroll. The merchants involved do not have problems with NSF or closed account checks and do receive accurate account and dollar amount information for billing. Release Notice, 8 1/2 x 11 inches, 12 pages, 1/78

////5796-ANX

G320-5759

A RESPONSE EVALUATION SYSTEM, IUP 5796-ANZ, NOTICE

A Response Evaluation System, developed by Fox Valley Technical Institute of Appleton, Wisconsin is a set of programs that provides detailed reports and summaries from data collected via the student response file of either Coursewriter III, the Interactive Training System, or the Interactive Instructional System. The reports and summaries are concerned with student performance, item analysis, and utilization of the computer assisted instruction system and provides valuable tools for both instructors and management.

The system runs in both the DOS/VS and OS/VS environment.

Release Notice, 6 pages, 4/78

////5796-ANZ

G320-5756

HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM - IUP 5796-ANY, NOTICE

This document announces release of the Health Care Support/DL/I - Patient Care System, hospital wide computer information system that provides a communication link between the admissions office, nursing stations, ancillary departments, accounting, and the Medical Records Department. This system was developed by the Duke University Medical Center in Durham, North Carolina, to facilitate, expedite, and integrate the delivery of health care services and the operation of the hospital through efficient data processing. It is a user driven system through which the service departments and nursing stations may manipulate and manage patient records. This is accomplished by entering doctor's orders through video displays on the nursing stations. The orders are transmitted to the appropriate ancillary departments, as well as being added to the patient's data base record. The ancillary departments have the ability to display and/or print work to be done (worklists) and to enter results. Results may then be transmitted back to the nursing station in hard copy form to become a part of the chart, if desired. The result becomes a part of the patient's data base record and is available for inquiry through a video display to authorized personnel. Cumulative summaries may also be produced. Charges for these services are automatically collected and made available to the accounting system. Upon patient discharge, medical record abstracts are prepared.

The system provides support for the ancillary departments at Duke University Medical Center. However, it is implemented in such a way that it is easily modifiable to meet individual hospital needs. It can also be implemented in a modular fashion supporting those departments deemed necessary in each individual hospital.

Release notice, 8 1/2 x 11 inches, 8 pgs, 10/77

////5796-ANY,5796-ATZ

G320-5760

ONLINE LIBRARY CIRCULATION SYSTEM, IUP 5796-APA, NOTICE

The Online Library Circulation System which runs under DOS/VS and CICS/VS and was developed by Charles County Community College of LaPlata, Maryland provides interactive management of the library circulation functions. Charge outs, returns, saves and renewals are processed by the system with immediate notification of the change in status of each circulating item. Patron and item identification are entered using the latest bar code technology. Batch programs provided with the system provide ready-to-mail overdue notices as well as other reports useful to library management.

Use of this system eliminates the requirement for multiple manual sorts of pocket cards and the clerical efforts involved in typing overdue notices. The time currently spent in these activities increases the cost of the circulation process to the library and reduces the time that library personnel may spend providing service to patrons.

Release Notice, 8 1/2 x 11 inches, 6 pages, 10/77

////5796-APA

G320-5761

THE BANK TELLER 3600 APPLICATION PROGRAM, IUP 5796-ARD, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This IUP is based on the systems installed at East New York Savings Bank and Prudential Savings Bank both located in New York, NY.

The New York City 3600 Application Program is designed to run in an IBM 3600 Finance Communication Controller. The 3600 AP accepts teller transactions which are edited, verified, transmitted to a central computer and recorded into a 3600 file for later retrieval. Additionally, it

G320-5757

ONLINE PAYROLL & PERSONNEL SYSTEM, IUP 5796-AKH, NOTICE

This Installed User Program, the Online Payroll and Personnel System was developed by First National Bank of Maryland to satisfy a need for timely data and for inquiry into individual employee records without a search through printed reports. The result is a complete payroll and personnel system providing online inquiry, data entry, and data update.

With both the payroll and personnel departments at FNB involved in the system design, one file was designed to contain all the personnel and payroll information for each



accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages. The 3600 AP also provides control functions which are completely processed within the Controller and are not transmitted to a central computer. These functions are invoked by terminal transactions and give the branch control over the operation of the system.  
Release Notice, 8 1/2 x 11 inches, 8 pages, 1/78  
////5796-ARD

G320-5787

STAIRS, LIC PROG 5740-XR1, 5746-XR4, USER'S GUIDE  
This guide is intended primarily for trained STAIRS users and provides a quick reference to frequently used STAIRS commands entered on the 3275 and 3277 Display Stations. The selected commands, subcommands, and the signon procedure are presented in alphabetic sequence.  
Manual, 28 pgs  
////5740-XR1,5746-XR4

G320-5804

ELEMENTARY MATHEMATICS IUP 5796-APC, NOTICE  
This document is the Availability Notice for Elementary Mathematics, Installed User Program 5796-APC, developed by the University of Akron in Ohio, designed to aid teachers in helping their students master basic arithmetic skills and understand mathematical operations and concepts in these areas:  
Whole Numbers  
Fractions  
Decimals  
Ratios  
Proportions  
Percents  
Problem Solving  
The program provides individualized computer-assisted instruction for students that includes pre-tests, tutorial sessions, drill exercises, puzzles, and comprehensive tests. While it covers topics typically in math curriculums in upper elementary and middle schools and is aimed at students in those schools, students whose mathematics performance is below grade level in junior and senior high schools and adult education courses have made effective use of the program. Facilities are available that enable teachers to use the program in such ways as: placing students individually within the course based on proficiency; adjusting time allowance for students; and obtaining reports on student achievement.  
Flyer, 6 pages, 6/78  
////5796-APC

G320-5805

COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING SYSTEM IUP 5796-ATA, -ATB, -ATC, -ATD, -ATE, -ATF, -ATG, -ATH, -ATI NOTICE  
CADAM is an interactive graphic system. The computer-aided design portion of the system comprises a high-performance, high function design/drafting package, together with a number of design analysis aids. The computer-aided manufacturing portion of the system provides capability for numerical control (NC) part programming and tool design. The CADAM System uses a central design data base for storing and retrieving drawings created by designers and draftsman.  
Release Notice, 8 1/2 x 11 inches, 12 pgs, 10/77  
////5796-AQA,5796-AQB,5796-AQC,5796-AQD,5796-AQE,5796-AQF,5796-AQG,5796-AQH,5796-AQI,5796-AQJ,5796-AQK,5796-AQL,5796-AQM,5796-AQN,5796-AQO,5796-AQP,5796-AQQ,5796-AQR,5796-AQS,5796-AQT,5796-AQU,5796-AQV,5796-AQW,5796-AQX,5796-AQY,5796-AQZ

G320-5808

MERCHANTS ACCOUNTING/DATA ENTRY SYSTEM, IUP 5796-AQP, NOTICE  
The Merchant Accounting/Data Entry System is a major subsystem of a credit card system developed at the Alamo National Bank, San Antonio Texas. This credit card system is designed to handle multi-bank, multi-bank plan, and multi-card processing with all major and most minor operational functions completely automated. This publication describes the Merchant Accounting/Data Entry System functions as well as programming, configuration, installation, maintenance, and ordering information.  
Flyer  
////5796-AQP

G320-5814

EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
This document announces release of the EPIC:SOCRATES Online Maintenance System, developed by the Evansville-Vanderburgh School Corporation, Evansville, Indiana. EPIC:SOCRATES is a well known IBM product used throughout the education environment for the scheduling of students in secondary schools, vocational schools, community colleges and colleges. Now EPIC:SOCRATES users can realize the advantages of online inquiry and update in a DOS/VS, CICS/VS environment, to the EPIC:SOCRATES scheduling files with this Installed User Program.

Release Notice, 8 1/2 x 11 inches, 6 pages, 1/78  
////5796-AQW

G320-5815

APL DATA INTERFACE FOR VSAPL UNDER TSO, IUP 5796-PJZ, NOTICE  
This document announces release of the APL Interface program, intended for business planners, forecasters, analysts, production controllers, researchers, and other professionals who manipulate large amounts of data. It was developed within IBM to provide such professionals having no programming skills with an online, easy-to-use tool for satisfying much of their own data processing requirements. At IBM, this program helps to reduce programming costs and delays while providing decision makers with immediate answers to unanticipated questions.  
Release Notice, 8 1/2 x 11 inches, 6 pgs, 12/77  
////5796-PJZ

G320-5818

ANATOMY & PHYSIOLOGY, IUP 5796-AQX, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
This document announces release of Anatomy and Physiology, Installed User Program 5769-AQX, developed by the University of Evansville in Indiana, which provides individualized drill and practice in selected areas of anatomy and physiology. Through learner control, the student may choose any of seventeen units and review such topics as how the body controls and integrates its functions, maintains the metabolism of the body, or fluid balance.  
The orientation of the course is review via multiple choice or true/false questions with the student receiving appropriate hints or positive reinforcement depending on the selected answer. Upon completion of a unit the student is given a progress report on his performance for that unit and is given the opportunity to continue with the next sequential unit, select another unit of his choice, or sign off. The course will execute in the Interactive Instruction System or Coursewriter III environment.  
Release Notice, 8 1/2 x 11 inches, 6 pages, 1/78  
////5796-AQX

G320-6051

3270 EMULATOR PROGRAM FOR 3600 SYSTEM IUP 5796-ARL, SPECIFICATIONS  
Specifications provide information on the warranted functions of the licensed program.  
This is an application program that resides in the IBM 3601/3602 Controller and allows an administrative terminal operator to perform data entry or inquiry/response functions under control of host programs written to support the IBM remote 3270 Display System.  
Flyer, 8 1/2 x 11 inches, 2 pages, 1/78  
////5796-ARL

G320-6052

IMS/VS MASTER TERMINAL OPERATOR TRAINING-II IUP 5796-ARJ, NOTICE  
This Installed User Program is designed to train personnel how to use IMS/VS commands and to understand how these commands relate to the major functions of controlling an on-line IMS/VS system. Using a study text and workbook in conjunction with an on-line terminal, students are led through a series of exercises that simulate master terminal operation. During the simulation, students are exposed to startup, shutdown, recovery, monitoring, and controlling situations similar to what they might encounter in a live environment.  
The discussions and exercises are applicable to IMS/VS Versions 1.0, 1.1, 1.3, and 1.4. Both BTAM and VTAM commands are included. This course is a major revision of IMS/VS Master Terminal Operator Training (5796-PFN) and includes improved answer analysis and added functions.  
Flyer, 8 1/2 x 11 inches, 4 pages, 2/78  
////5796-ARJ

G320-6055

MAINTENANCE ENGINEERING AND STORES SYSTEM, 5796-ARP, ARQ, ARR, ARW, ARX, NOTICE  
The North Central Airlines Maintenance Engineering and Stores System for S/370 OS/VS2 MVS offers a multi-industry solution to problems in such areas as control of maintenance, preventive maintenance, inventory control and scheduling of capital investments. The system has been installed at North Central Airlines since January of 1977.  
Flyer, 4 pages, 6/78  
////5796-ARP,5796-ARR,5796-ARQ,5796-ARX,5796-ARW

G320-6059

INTERACTIVE GRAPHICS SYSTEMS PLANNING, IUP 5798-CWX, NOTICE  
This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.  
This IUP utilizes electric utility transmission system data provided by two of the industry's widely used network

modelling programs (load flows). The program automatically draws one-line diagrams on a graphic display station attached to an IBM 3277 display via the IBM 3277 Graphics Display Attachment RPQ. Utility planning engineers, operations engineers, and other users can interactively modify and display data for network modelling. Several menus and a powerful query command language facilitate these functions. The one-line network diagram can be windowed and scaled and the associated network data can be deleted, added, or changed by use of a "joystick" cursor control or alphanumeric keyboard. Once modified, the diagram and data are provided by the FDP to the utility's load flow program. Utility network modelling is a prime means by which electric utilities perform high voltage transmission system network expansion planning and daily operations planning. These applications are now done principally using batch programs. Used in conjunction with a utility's load flow program, this FDP can potentially provide significant productivity improvements for utility engineers.

This program is designed for use with, and hence requires, the IBM 3277 Graphics Attachment RPQ (RPQ 7H0284) and the IBM 3277 Graphics Attachment Support PRPQ (5799-AXX).

Release Notice, 6 pages, 4/78  
 ///5798-CWX

G320-6061

LISP/370 - IUP 5796-PKL, NOTICE

This notice announces release of LISP/370, a programming language designed for processing complex, structured data, with an emphasis on list and tree structures. The program features automatic storage management, easy definition of recursive functions, conversational execution/debugging features, and an interpreter which can directly evaluate symbolic expressions or programs without prior compilation. These features all contribute to increasing the efficiency of the LISP programmer.

Release Notice, 8 1/2 x 11 inches, 4 pages, 4/78  
 ///5796-PKL

G320-6063

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING MODULES, IUP 5796-ATA THROUGH ATJ, NOTICE

The Computer Graphics Augmented Design and Manufacturing (CADAM, a registered trademark of the Lockheed Corporation), System for S/370 using OS/VS1 or OS/VS2 is an interactive graphics system for computer-aided design and manufacturing. The computer-aided design portion of the system comprises a high performance, high function design/drafting package, together with a number of design analysis aids. The computer-aided manufacturing portion of the system provides capability for numerical control (NC) part programming and tool design. The CADAM system uses a central design data base for storing and retrieving drawings created by designers and draftsmen.

Flyer, 16 pages, 6/78  
 ///5796-ATA, 5796-ATB, 5796-ATE, 5796-ATD, 5796-ATC, 5796-ATH, 5796-ATG, 5796-ATF, 5796-ATJ, 5796-AWT, 5796-AWR

G320-6066

PL/I FILE CREATION FOR APL DATA INTERFACE, IUP 5796-PKP, NOTICE

This IUP provides faster file creation and decimal data representation for the APL Data Interface IUPs 5796-PRA, 5796-PKB and 5796-PJ2. This availability notice describes the IUP and provides information on installation tasks, programming service, prices and ordering instructions.

Release notice  
 ///5796-PKP

G320-6076

CONTROLLING JES2 I/O DEVICES - OPERATOR TRAINING MINI COURSES IUP 5796-PLD NOTICE

This IUP, developed by the IBM Santa Teresa Programming Development Center in San Jose, California, consists of fourteen mini-courses that cover JES2 description and command notational conventions; functions of commands to control I/O devices; I/O device designations and states; and controlling readers, RJE Lines, Printers, and Punches. It operates with the IBM Program Product Interactive Instructional System (5748-XX6) and is designed for computer operators who are beginning to work with JES2 as well as operators experienced with JES2 as well as operators experienced with JES2 who need to refresh their knowledge. Operators may take each mini-course on terminals at their work locations as often as they desire in any sequence.

Flyer, 4 pages, 1/79  
 ///5796-PLD

G320-6077

PC/360 TRANSACTION DOCUMENTOR AND CROSS REFERENCE, FDP 5796-ATR, NOTICE

The availability notice is a marketing oriented document that describes the purpose and capabilities of the program, advantages of design, and problems solved by the program referenced in the title.

Announcement notice, 4 pages  
 ///5796-ATR

G320-6078

STAIRS/VS TRAINING, IUP 5796-PLF NOTICE

The STAIRS/VS Training Course, Installed User Program (5796-PLF), provides a comprehensive education in the use of the online commands necessary to select and access documents from a STAIRS/VS database. Designed specifically for end-users, this course fills the requirement for instructing non-DP personnel in the use of the STAIRS/VS system. Topics covered are applicable to either of the IBM Program Products: STAIRS/VS (5740-XR1) or STAIRS/DOS/VS (5746-SR4). The course is designed to operate with the Interactive Instructional System (5748-XX6).

Flyer  
 ///5796-PLF

G320-6080

LABORATORY DATA MANAGEMENT SYSTEM II, IUP 5796-ANC, NOTICE

The Laboratory Data Management System II (LDMS II) is the system currently supporting the laboratories at the University of Alabama in Birmingham. This IUP assists the laboratory in handling patient and laboratory data associated with total processing of laboratory requisitions from their receipt to the production of the patient's cumulative test results report. It supports all sections of the the laboratory including microbiology, blood bank and pathology. Its primary objectives are to reduce the clerical workload, reduce error, decrease turn-around time and produce a patient's cumulative summary of test results.

LDMS II supersedes Laboratory Data Management Systems (5796-AHD) and Laboratory Data Management Systems - Enhancements (5796-APB). LDMS II incorporates all of the features of these previous two IUPs plus some recent additions. The major change is the exclusive use of VSAM.

Release Notice  
 ///5796-AWC

G320-6081

APL CONTINUOUS SYSTEM MODELING PROGRAM (APL-CSMP), 5785-KAE, NOTICE

The APL Continuous System Modeling Program for VS APL (APL-CSMP) Installed User Program consists of a set of interactive APL functions that enable the user to define and execute digital models of continuous systems. These models are sets of mathematical equations which may contain pre-defined mathematical functions and special operation blocks supplied by APL-CSMP. Facilities allowing definition and changing of parametric data, end conditions, error bounds for computations, selection of the intergration method, and control of the display of the results produced by the simulation run can also be included within the model. The source language has a syntax very similar to that of CSMP-III program product 5734-XS9.

Flyer, 12/78  
 ///5785-KAE

G320-6082

3800 SYSTEM DESIGN AND DOCUMENTATION IUP 5796-ATY, NOTICE

The 3800 Design and Documentation Aid, 5796-ATY, developed by the Firestone Tire and Rubber Company, Akron, Ohio, provides OS/VS COBOL and 3800 Printer data processing organizations with the ability to standardize and easily maintain installation documentation. Using the Hierarchy plus Input-Process-Output (HIPO) technique, standardized documentation for installation management activities is produced on the 3800 Printer in the form of Visual Table of Contents (VTOC's) and HIPO diagrams. Commands are in 80 character images which are submitted either through cards or TSO. The program is a series of modules written in OS/VS COBOL.

Flyer, 6 pages, 1/79  
 ///5796-ATY

G320-6084

3600 STATISTICS AND MESSAGE LOG FOR CICS/DOS/VS IUP 5796-AWB, NOTICE

This IUP allows the report functions of FDP 5798-CLC to be obtained under CICS/DOS/VS. Controller statistical counters and logs can be collected more rapidly and this information can be collected simultaneously from multiple controllers. This provides timely information helpful for controlling 3600 networks.

Flyer, 4 pages, 1/79  
 ///5796-AWB

G320-6085

3760 AUTOMATED DOS/VS JOB SUBMISSION IUP 5796-AWA NOTICE

This IUP is a subroutine which uses the standard user-exit feature of the 3760 Batch Transfer Program (BTP) 5747-BWL. As data is being transferred from the 3760 to the S/370 via the Batch Transfer Program, the subroutine examines the 3760 job name and wraps the data records with their corresponding JCL statements, including SII statements. The job stream is then put in the POWER/VS reader queue in a hold status. The sixth character of the 3760 job name is used to specify the POWER/VS job class. At execution time, the SII statements cause JCL statements to be inserted in the job stream. Without this program, the standard Batch Transfer Program writes the 3760 data entry batches on tape or disk requiring the user to establish numerous SYSIPT files and control procedures to maintain the separate files.

Flyer, 4 pages, 1/79  
 ///5796-AWA

G320-6086

DOSCHECK USER GUIDE EDUCATION OFFERING, NOTICE  
The guide is helpful for the training needed to install DOSCHECK/3890 and as an aid to the installation in day-to-day operation of the system.

The guide extracts information provided by IBM in the DOSCHECK Program Reference and Operations Manual (SH20-1940), combines it with the experience gained in a highly successful DOSCHECK/3890 installation.  
Flyer, 4 pages, 1/79  
///5746-F12

G320-6088

PROJECT EVALUATION AND CONTROL SYSTEM, IUP 5785-EAE, NOTICE  
This program is designed to plan, track, and control projects with manning levels between 3 and 15 people. It is especially suited to DP development projects. The IUP offering consists of an integrated set of forms, procedures, and APL functions to establish the personnel resources required to produce a system or product and trace the performance of project members in meeting the project schedule.

Flyer  
///5785-EAE

G320-6090

3790 BASIC KEY TO DISK SYSTEM, IUP 5796-AWF, NOTICE  
The 3790 Basic Key to Disk System provides a means of replacing keypunch or 3740 Data Entry units. The package was not designed as a high-speed transcriptive data entry package such as the 3760/3790. It is intended to supplement interactive data entry applications with the ability to do low volume data entry with minimal editing at key entry time. All of the functions of a 129 or 3742 are supported, with the exception of Auto Record Advance, Multipunch, and Prompting. Features include:

- 1) Format (Drum Card) definition and maintenance
- 2) Limited display formatting capability
- 3) Data Entry Mode
- 4) Verify Mode
- 5) Batch management and status functions
- 6) SYSEDIT Link to prepare data for transmission
- 7) Format printing or display
- 8) Paging mode including:
  - Forward Space
  - Backward Space
  - Delete a Record
  - Change a Record
  - Resume Data Entry
- 9) Update mode
- 10) A gangpunch function
- 11) A search function

Flyer, 8 1/2 x 11 inches, 6 pages, 2/79  
///5796-AWF

G320-6091

DOS/CICS/VS 3270 CONTROL FOR REMOTE 3600 SYSTEMS IUP 5796-AWG, NOTICE  
The DOS/CICS/VS 3270 Control for Remote 3600 Systems IUP was written by St. Louis County Bank in Clayton, Missouri. This application allows a host site systems programmer or network coordinator to communicate with a remote 3600 Controller and perform the following functions:

- Initiate forwarding of files and system log
- Open up operations
- Close down operations
- Terminate operations
- Set time and date
- Set global threshold
- Record general error counters
- Record device error counters

The transactions are initiated at the host via a 3277-2 or 3278-2 terminal running under DOS/CICS/VS, and create CPU initiated transactions for 3600 applications written using Program Customizer/3600 (Program Product 5746-F11).  
Flyer, 4 pages, 1/79  
///5796-AWG

G320-6092

PATIENT CARE SYSTEM, RADIOLOGY IUP 5796-AWJ, NOTICE  
The Radiology IUP was written by Parkland Memorial Hospital in Dallas, Texas. The system operates as an application under the Patient Care System IUP. The System provides for entry of radiology orders (from nursing stations), including multiple procedures on one requisition. Result reporting may be free form text for abnormal x-rays, or text generation by the entry of a three letter code for normal x-rays. Interim results are printed at the nursing station. The system also provides for the printing of requisitions and flash cards, logging of patients, statistical gathering and reporting, and capturing and displaying of film history.  
Release Notice, 8 pages, 5/79  
///5796-AWJ

G320-6094

ADMINISTERING THE INTERACTIVE INSTRUCTIONAL SYSTEM, IUP 5796-PLJ, NOTICE  
This computer-based training course, administering the Interactive Instructional System, Installed User Program 5796-PLJ, is for personnel who are administrators using the Interactive Instructional System (IIS) (5748-XX6). The course teaches the major functions of an administrator,

Interactive Instructional System components and high activity administrator commands. Included are how to set up and use Interactive Instructional System files, provide basic author and student services and estimate resource requirements for operations.

Consideration is given to both central site and remote student support. While certain parts of the course are applicable for administrators with IMS versions of the Interactive Instructional System, there are differences in the environment which are not addressed and therefore, the course is distributed only for installation with the Interactive Instructional System operating in environments other than IMS.

Flyer  
///5796-PLJ

G320-6095

LABORATORY DATA ACQUISITION SYSTEM, IUP 5796-AWH, NOTICE  
The Laboratory Data Acquisition System provides operational support facilities to acquire data from clinical laboratory instruments directly into a computer. The system is an extension of the Laboratory Data Management system (IUP 5796-AHD) and thus is designed to be used in conjunction with it. The system supports a Series/1 attached over a communication link to a S/370.  
Release notice, 8 1/2 x 11 inches, 6 pages, 8/79  
///5796-AWH

G320-6097

A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PLN, NOTICE  
A Departmental Reporting System - II is a general-purpose, time-sharing application system designed for direct use by the business professional. It provides an organization with a single comprehensive system to assist in applications involving data analysis, inquiry, and report generation.  
Release notice, 8 1/2 x 11 inches, 8 pages, 10/79  
///5796-PLN

G320-6099

PROBLEM DETERMINATION FOR MVS OPERATORS, IUP 5785-LAC, NOTICE  
This IUP is a course that operates with the Interactive Instructional System (5748-XX6). It provides computer-based training for MVS console operators who work with an IBM System 370/158 or 370/168. The course teaches operators how to diagnose the functional status of their central system, interpret messages issued by their system, initiate actions to prevent system interruption and compile documentation of occurrence of system problems. Divided into two parts: System/370 Principles of Operation and Problem Determination, this course also stresses the use of documentation by operators in determining problems.  
Release notice  
///5785-LAC

G320-6107

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM OPERATING INSTRUCTIONS BINDER  
This three-ring binder is for holding the manual of the same title, order number GA33-3023.  
Binder, 3 ring, 11 5/8 x 9 1/2 inches, 1/79  
//09/3730,3732/

G320-6108

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, REFERENCE INFORMATION BINDER  
This three-ring binder is for holding the manual of the same title, order number GA33-3029  
Binder, 3 ring, 11 5/8 x 9 1/2 inches, 1/79  
//09/3730,3732/

G320-6109

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, OPERATOR'S COURSE BINDER  
This three-ring binder is for holding the manual of the same title, order number GA33-3025.  
Binder, 3 ring, 11 5/8 x 9 1/2 inches, 1/29  
//09/3730,3732/

G320-6110

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM 3736, PRINTER OPERATING INSTRUCTIONS BINDER  
This three-ring binder is for holding the manual of the same title, order number GA33-3027  
Binder, 3 ring, 11 5/8 x 9 1/2 inches, 1/79  
//03/3736/

G320-6154

CARDHOLDER ACCOUNTING SYSTEM, IUP 5796-AQR, NOTICE  
The Cardholder Accounting System is a major subsystem of a credit card system developed at the Alamo National Bank, San Antonio Texas. This credit card system is designed to handle multi-bank, multi-bank plan, and multi-card processing with all major and many minor operational functions completely automated. This publication describes the Cardholder Accounting System functions as well as programming, configuration, installation, maintenance, and ordering information.  
Flyer, 4 pages, 2/79

////5796-AQR

G320-6157

HEALTH CARE SUPPORT/DL/I UTILIZATION REVIEW SYSTEM, IUP 5796-AWN, NOTICE

The Utilization Review System Installed User Program was developed at Forsyth Memorial Hospital in Winston-Salem, NC. Utilization review is one of the major mechanisms required by the Federal Government and local institutions designed to contain hospital costs while monitoring the necessity and quality of patient care. This review process included: determining the necessity of an admission, the appropriateness of continued hospital stay and the effectiveness of discharge planning.

The Utilization Review System IUP is an online tracking and data base maintenance package that assists the hospital in performing these required procedures. The online functions permit Utilization Review personnel to enter, review data and update the patient's record. The daily and monthly statistical reports for daily hospital operations and institutional reporting requirements are produced by the system.

The Utilization Review System IUP is compatible with and complimentary to the prerequisite Health Care Support/DL/I Patient Registration System (5798-CCB) and the Health Care Support/DL/I Admission System (5798-CCC).

Release Notice  
////5796-AWN

G320-6161

COMMERCIAL BANK 3600 TELLER APPLICATION PROGRAM, IUP 5796-AXK, RELEASE NOTICE

This IUP enhances teller productivity and improves customer service by assisting the teller in the processing of customer transactions and helping settle the work at the end of the day. This Availability Notice describes the IUP and provides information on installation programming service, price and ordering instructions.

Flyer, 6 pages, 11/79  
////5796-AXK

G320-6162

AUTHORIZATION SYSTEM, 5796-AQQ, NOTICE

The Authorization System is a major subsystem of a credit card system developed at the Alamo National Bank, San Antonio, Texas. This credit card system is designed to handle multi-bank, multi-bank plan, and multi-card processing with all major and many minor operational functions completely automated. This publication describes the Authorization System functions as well as programming, configuration, installation, maintenance, and ordering information.

Release notice  
////5796-AQQ

G320-6164

INTERACTIVE CIRCUIT DESIGN, IUP 5796-PLR, NOTICE

The Interactive Circuit Design Installed User Program is a powerful general purpose circuit analysis and design program implemented in APL. Developed to be user oriented and highly interactive, it can reduce the turnaround time of circuit design and analysis from hours and days to minutes. The IUP features steady state (DC) frequency (AC) and transient (TR) analysis of both linear and non linear circuits. An Interactive Circuit Design graphics package allows users to plot outputs from TR or AC analysis executions with a suitable vector storage tube terminal.

Programming Systems: VM/VMS, DOS/VS, OS/VS1, OS/VS2 with VSAPL and APLSY.

Release Notice  
////5796-PLR

G320-6167

TPNS DISPLAY MONITOR, IUP 5796-AXN, NOTICE

This IUP is a productivity aid which provides a quick and easy method of monitoring the activity of a simulated device on the screen of an actual 3270 terminal. This publication describes the functions of the IUP, operating environment, installation tasks, and ordering instructions.

Release notice  
////5796-AXN

G320-6169

APL MULTIVARIATE TIME SERIES ANALYSIS, IUP 5796-PLX, NOTICE

The APL Multivariate Time Series Analysis IUP is an interactive model solving system that extends the techniques developed by Box and Jenkins for scalar series, to the multivariate domain. The approach followed in the package includes scalar and vector systems, transfer models, open and closed loops. The IUP was written in the APL language and is designed to operate with program product VS APL, program number 5748-AP1.

Release notice, 8 1/2 x 11 inches, 6 pages, 11/79  
////5796-PLX

G320-6171

FINANCIAL ANALYSIS AND CREDIT EVALUATION IUP 5796-AWY NOTICE

The Financial Analysis and Credit Evaluation System was developed at first National Bank in St. Louis. The Installed User Program performs analyses of standard

financial statements. The system can produce both historical and projected future analysis. Functions are provided to the user for inputting and editing the information contained in a firm's financial statement - balance sheets and income statements. The output of an analysis consists of a set of six reports:

1. Balance Sheet
2. Income Statement
3. Reconciliation of Net Worth
4. Sources and Uses of Funds
5. Ratio Analysis
6. Key Assumptions

Release Notice  
////5796-AWY

G320-6172

BOND QUOTE SYSTEM, IUP 5796-AXY, NOTICE

The Bond Quote System maintains a historical master file of market prices on U.S. Government securities: U.S. Treasury Bills, U.S. Treasury Bonds and Notes, Federal Reserve Securities, and other Federal agency offerings. Reports which the Bond Quote system generates from this master file are useful to portfolio managers and bond analysts.

Release notice  
////5796-AXY

G320-6173

DORTMUND LIBRARY SYSTEM, IUP 5787-DAA, NOTICE

The Dortmund Library System provides the cataloging and catalog search functions for a library information management system. The cataloging function handles monographs and serials. Updates to the database are performed online. Sub-functions include add new document, modify catalog record, transfer record, add copy, and authority file control. Catalog search allows access by LC card number, ISBN, ISSN, call number, name, subject, title, publisher, document number and miscellaneous numbers.

Release Notice  
////5787-DAA

G320-6174

LEUVEN LIBRARY SYSTEM - BATCH, IUP 5787-FAH, NOTICE

The Leuven Library System - Batch produces cataloging outputs (catalog cards, accession lists, COM catalogs) and the documents and listings necessary for circulation and acquisitions. This Installed User Program was designed to complement the Dortmund Library System (IUP 5787-DAA) and the Leuven Library System-Online circulation and acquisition modules (IUP 5787-FAJ). This IUP was designed for university, public, special, and national libraries.

Release Notice  
////5787-FAH

G320-6175

LEUVEN LIBRARY SYSTEM-ONLINE, IUP 5787-FAJ, NOTICE

The Leuven Library System - Online is an on-line, easy-to-use circulation and acquisition system. Designed as a complement to the Dortmund Library System (IUP 5787-DAA) the Leuven Library System - Online can help solve the circulation and acquisition problems of university, special, and national libraries.

Documents are charged out and checked in online with a bar-code scanner attached to a display station. Loan, overdue, and fine policies help tailor the circulation procedures to the needs of individual libraries. Borrower registration, the placement of holds, renewals, and most other circulation activities are also handled online. Files are updated immediately, thus assuring up-to-date circulation status information.

Orders are entered and documents and invoices received online. A policy regulates the timing of claims for overdue orders. Other online functions include paying invoices, credit and debit notes, interlibrary loans, financial control, and subscription renewals.

The format and content of notices and listings needed for circulation and acquisitions are specified separately online for each library in the network.

Release Notice  
////5787-FAJ

G320-6176

DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-AYA, -AYB, -AYC, NOTICE

This IUP, developed by the DISCOVER Foundation, Inc., in Westminster, Maryland, was designed to aid guidance counselors in performing the career guidance process. Through computer technology, it provides career guidance exploration and assistance to secondary and college students and adults.

Release notice  
////5796-AYA, 5796-AYB, 5796-AYC

G320-6279

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM CONTROL OPERATOR'S REFERENCE GUIDE

This guide describes the operating functions of the IBM 3730 Distributed Office Communication System. It is intended for use as a combined training and reference tool for use during the "IBM 3730 Implementation for Control Operators" class. Prerequisites for the use of this manual are (1) having read the IBM 3730 Distributed Office Communication System:

Introduction (GA33-3021); and (2) having completed "hands-on" system exposure training using the IBM 3730 Distributed Office Communication System: 3732 Text Display Station, Operator's Course (GA33-3025).  
Manual, 8 1/2 x 11 inches, 112 pages, 03/80  
//09/3730,3732/

G320-6290

3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE PLANNING CHART

This planning chart is part of the IBM 3680 Programmable Store System Implementation guide (GE20-0678). See GBOF-4704 for a complete list of materials making up the implementation guide.

Chart

G320-6291

3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE, WORK PLAN BLANK FORMS

This pad containing 25 work plan blank forms is to be used with the IBM 3680 Programmable Store System Implementation Guide (GE20-0678) and the Work Plan (GE20-0677). See GBOF-4704 for a complete list of materials making up the implementation guide.

Padded form, U/M 25, 10/80

G320-6329

3890 ON-LINE FINE SORT ENHANCEMENTS, IUP 5796-AYF, NOTICE

The IBM 3890 On-Line Fine Sort Enhancements allows for additional function to the Field Developed Program On-Line Fine Sort (5798-CRC) in either an OS/VVS or CPCS environment. Flyer, 8 1/2 x 11 inches, 4 pages, 4/81  
///5796-AYF

G320-6330

LONG TERM DEBT MANAGEMENT SYSTEM, IUP 5796-AXZ, NOTICE

This IUP allows the business profession to create, maintain and produce computerized note schedules and related reports using APL terminals in the user's own office. This publication describes the functions of the IUP, operating environment installation tasks, and ordering instructions.

Release Notice

///5796-AXZ

G320-6331

DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE, NOTICE (CURRENT RELEASE)

This Installed User Program is a computer-based training course that teaches personnel who prepare documents how to mark up and format documents using the Document Composition Facility (5748-XX9). This program runs under the IBM Interactive Instructional System program product (5748-XX6).  
Release notice, 4 pages, 1/80  
///5796-PNE

G320-6333

APPLICANT TRACKING SYSTEM, IUP 5796-PLT, NOTICE

This IUP was developed to help automate and facilitate the clerical activities involved in applicant recruiting/hiring. This publication describes the functions of this system, operating environment, installation tasks, and ordering information.

Release Notice, 6 pages, 1/80

///5796-PLT

G320-6336

WESTINGHOUSE ELECTRIC CORPORATION - GRAPHIC TRAINING AIDS, IUP 5796-AYJ, NOTICE

This IUP was developed to teach the use of the CADAM\* IUP. This publication describes the program, operating environment, installation tasks and ordering instructions.  
\* CADAM is a registered trademark of the Lockheed Corporation.

This publication describes the use program, operating environment, installation tasks and ordering instructions.

\*CADAM is a registered trademark of the Lockheed Corporation.

Release Notice

///5796-AYJ

G320-6337

COMPUTER THRIFT APPLICATION SYSTEM, 5796-AXW, -AXX, AVAILABILITY NOTICE

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VVS or DOS/VSE operating environment. The host application programs 5796-AXW are designed for use in combination with Installed User Program 5796-AXX which is the 3600 Controller Software for the Online Teller Application.

Flyer, 8 1/2 x 11 inches, 6 pages, 12/81

///5796-AXX,5796-AXW

G320-6341

HEALTH CARE SUPPORT - MEDICAL RECORDS ABSTRACT SYSTEM, IUP 5796-AYL, NOTICE

The Health Care Support/DL/1 - Medical Record Abstract System at Forsyth Hospital is an on-line data base system that assists the Medical Records Department in tracking, collecting, analyzing, and reporting data from the patient

medical record.

Release Notice

///5796-AYL

G320-6350

BAY STATE ONLINE TELLER SYSTEM, IUP 5796-AZF, NOTICE

The Bay State Online Teller System consists of a set of CICS/VSI host programs which accept Demand Deposit Accounting or Savings Transactions from 3600 Teller Terminals or 3270 Terminals. The system operates in a Customer Information Facility/VVS environment with DL/1 data base support.

Release notice

///5796-AZF

G320-6386

DL/1 BATCH SAVINGS SYSTEM, IUP 5796-AZJ, NOTICE

The DL/1 Batch Savings System posts activities to savings accounts and performs the required interest calculations, maintenance and reporting functions that are associated with the saving application. This system is flexible and can be tailored to specific banking requirements with regard to multi-bank and multi-branch processing capabilities, various types of accounts (example: statement and passbook), and variable interest calculation routines. Audits and controls are provided by the various reports that are produced by the system.

Release notice

///5796-AZJ

G320-6388

SOFTCOPY, IUP 5796-PNP, NOTICE

Softcopy is a graphics application IUP that interfaces to the CADAM data base through an IBM 3277 Graphics workstation. This publication describes the program functions, operating environment, installation tasks, and ordering procedures.

CADAM is Registered Trademark of Lockheed Corp.

Release notice

///5796-PNP

G320-6389

ATMS ARCHIVE TAPE LIST PROGRAM, IUP 5796-AZQ, NOTICE

The Archival List IUP is an OS/VVS utility program which will provide a table of contents for an ATMS Archival Tape. At the same time, the program will verify that the archived documents are machine readable.

Release notice, 8 1/2 x 11 inches, 6 pages, 2/81

///5796-AZQ

G320-6391

FULL FUNCTION TELLER INFORMATION SYSTEM, IUP 5796-AZL, NOTICE

The Full Function Teller System enables the bank teller to process customer monetary transactions including deposits, withdrawals, payments, exchanges and transfers.

This availability notice describes the IUP and provides information on installation, price, service and ordering instructions.

Release notice

///5796-AZL

G320-6392

ONLINE TELLER ASSIST SYSTEM, IUP 5796-AZN, NOTICE

The Online Teller Assist System is an online account inquiry and update system which performs a variety of banking services.

This availability notice describes the IUP and provides information on installation, price, service and ordering instructions.

Release notice

///5796-AZN

G320-6396

BANK TELLER 3600 APPLICATION PROGRAM/COMMERCIAL EXTENSIONS, IUP 5796-AZX, RELEASE NOTICE

The Bank Teller 3600 Application Program/Commercial Extensions subsequently referred to as the 3600 Application Program, is designed to run in an IBM 3600 Finance Communication Controller. The 3600 Application Program accepts teller transactions that are edited, verified, transmitted to a central computer, and recorded into a 3600 file for later retrieval. In addition, it accepts messages from the central computer in response to transmitted transactions and produces the required output such as magnetic stripe encoded data, printed passbooks and other documents, and display panel messages.

Release notice

///5796-AZX

G320-6398

PL/I GENERAL PURPOSE SIMULATION SYSTEM, IUP 5796-PNN NOTICE

PL/I GPSS provides a comprehensive simulation package in which two complementary simulation languages, GPSS and SIMPL/I are implemented as extensions to PL/I. With minor exceptions PL/I is functionally equivalent to GPSS V and maintains the same "world view" wherein a system is represented by transactions flowing through blocks. The implementation of the two simulators, however, is quite

different. In PL/I GPSS a block is coded as a macro command. The PL/I GPSS macro commands can be interspersed with PL/I code, and the transactions are considered to flow through both the macros and the surrounding PL/I code.  
Flyer, 8 1/2 x 11 inches, 4 pages, 4/81  
///5796-PNN

G320-6399

AUTOMATED PROJECT PLANNING AND EVALUATION SYSTEM, IUP 5796-AZR, RELEASE NOTICE  
The Automated Project Planning and Evaluation System is designed to automate the scheduling and tracking procedures described in IBM's Independent Study Program Managing the Application Development Process.  
This system was developed by IBM DP Services and is in use for managing their application development projects.  
Flyer  
///5796-AZR

G320-6400

COMBINED DEPOSITS SYSTEM, IUP 5796-AZY, DESCRIPTION/OPERATIONS  
The American National Bank Combined Deposits System is designed to process Demand, Time, NOW, and Overdraft Banking accounts in a single system built around a comprehensive DL/I data base. This single system design allows accounts to be configured to easily perform functions involving multiple accounts, such as automatic funds transfer, combined statements, and relational pricing.  
Flyer, 8 1/2 x 11 inches, 6/81  
///5796-AZY

G320-6401

ONLINE PLANT MAINTENANCE SYSTEM EQUIPMENT MANAGEMENT IUP 5787-NAD, NOTICE  
The Equipment Management System is a module of the Online Plant Maintenance System. The program is an operational tool to be used by departments responsible for the maintenance of equipment and machines. It can be considered an inventory system for facilities, equipment, and machines. The information can be accessed online by maintenance personnel using their own terminals.  
The program has been designed to run under DOS/VS or DOS/VSE around a DL/I data architecture, using CICS as the communication manager.  
Release notice  
///5787-NAD

G320-6407

CASHIER PERFORMANCE SYSTEM, IUP 5796-BAE, NOTICE  
The Cashier Performance System computes a number of key measurements of supermarket cashier performance. The key measurement is average item price. This information is a guide to store management to detect checker dishonesty (Sweethearting), the intentional underringing or non-ringing of merchandise for friends and relations. Feedback to the cashiers and their awareness of the application are psychological deterrents to sweethearting.  
Release notice, 8 1/2 x 11 inches  
///5796-BAE

G320-6410

QUERY BY EXAMPLE TO A DEPARTMENTAL REPORTING SYSTEM BRIDGE, IUP 5796-PLN, NOTICE  
The IUP is intended for end-users or data processing professionals who want to use the power of Query by Example (5796-PKT) to extract data combined with the ability of a Departmental Reporting System-II (5796-PLN) to process and report that data. This program provides a new command BUILD, for a Departmental Reporting System-II (ADRS-11) which creates an ADRS-II Data Base from files created by a Query by Example (QBE) query.  
Flyer, 8 1/2 x 11 inches, 3/81  
///5796-PLN

G320-6415

APL DATA INTERFACE II (TSO), IUP 5796-PNJ, NOTICE  
APL Data Interface II for TSO is a general purpose interactive facility designed to provide a powerful, responsive inquiry facility to the end user. It also includes a variety of reporting capabilities which provide comprehensive data analysis.  
Release notice, 8 1/2 x 11 inches, 6 pages, 10/81  
///5796-PNJ

G320-6419

CRITERION-REFERENCED TEST REPORTING SYSTEM, IUP 5796-AZZ, NOTICE  
The Criterion-Referenced Test Reporting System reports test results in terms of the level of student mastery of measurement objectives. This method of test evaluation provides accurate diagnosis of students specific needs and assists in the process of curriculum evaluation and development.  
The system allows definition and processing of either standardized or teacher-made criterion referenced tests. The system also provides the capability to produce comparative reporting of two successive test administrations to assist in the evaluation of a students progress after completion of remedial prescriptions.

Release notice, 8 1/2 x 11 inches,  
///5796-AZZ

G320-6420

PANEL 2, IUP 5796-PPA, NOTICE  
Panel 2 is a line art program that is used to develop flowcharts, HIPO charts, foils, and simple drawings. The program uses a two-screen approach to graphics, with a 3277 Model 2 for alpha meric interaction and a storage display screen for graphics pictures. Use of the dual display provides improved interactivity and flexibility, and permits the customer to take advantage of the best characteristics of both displays.  
Flyer, 8 1/2 x 11 inches, 3/81  
///5796-PPA

G320-6422

COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, NOTICE  
The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.  
Availability notice, 8 1/2 x 11 inches, 6 pages, 7/81  
///5796-BBD

G320-6423

DIRECT STORE DELIVERY, IUP 5796-BBE, NOTICE  
The Direct Store Delivery System is a terminal-based interactive system for use with various terminals, such as IBM machines 3275, 3276, 3277, 3278 and 3279. It is designed to run in DOS environments under CICS/VS and DL/I. It provides for the establishment, maintenance and reporting of authorized vendor and product information, including accurate and up-to-date costs and retails for use at headquarters and the retail outlets. It allows centralized or distributed verification and reconciliation of vendor invoices, assuring proper payments. It also provides merchandisers with valuable product performance information.  
Flyer, 8 1/2 x 11 inches, 4 pages, 6/81  
///5796-BBE

G320-6424

EDUCATIONAL INFORMATION SYSTEM/DATA BASE, 5796-BAZ, NOTICE  
The Education Information System-Data Base represents a nucleus for implementing a Management Information System at an educational institution. It is a comprehensive set of designs, techniques, and programs which will allow users to install DB/DC based educational information systems.  
Release notice, 8 1/2 x 11 inches, 7 pages, 7/81  
///5796-BAZ

G320-6427

IMS/VS 3624 AUTOMATED TELLER MACHINE HOST SUPPORT, IUP 5796-BBG, NOTICE  
This installed user program is a collection of application programs that support the IBM 3624 ATM with the direct attached feature in an IBM IMS/VS environment. An ACF/VTAM application program interfaces between IMS/VS and the 3624 providing device dependent services and message formatting. IMS/VS message processing programs authorize 3624 requests and provide the user with information necessary to monitor and control ATM operation from a central location.  
Flyer, 8 1/2 x 11 inches, 6/81  
///5796-BBG

G320-6428

AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ -BBK, AVAILABILITY NOTICE  
First American's Automated Teller Online Application and Reporting System IUP (5796-BBJ) is: An online authorization and network operations system under CICS/DOS/VS and a batch transaction and usage reporting for a network of 3614 and/or 3624 Consumer Transaction Facilities.  
The system will support both direct-attached and/or loop-attached 3614/3624s. It will support either AET (alternate encryption technique) or DES (data encryption standard) 3614s and will support either single or dual-denomination 3614s and 3624s.  
The system is designed to run in conjunction with the 3600 application program provided by the 3614/3624 Consumer Online Transaction System (COLTS) program product for the support of loop-attached automated teller machines (ATMs).  
This IUP (5796-BBJ) is a complete replacement of the two prior IUPs (5796-ANH and 5796-AQT), the First American Automated Teller Host Support system Base and Enhancements.  
Current users of the prior IUPs can order the new system update IUP under the license number 5796-BBH. New users must order the complete system IUP, 5796-BBJ.  
Flyer, 8 1/2 x 11 inches, 6 pages, 10/81  
///5796-BBJ, 5796-BBH

G320-6430

COMPUTER ASSISTED PHARMACY SYSTEM (DOS/VSE), IUP 5796-BBK, NOTICE

The Computer Assisted Pharmacy System is a centralized online automated pharmacy system designed to meet the needs of the professional pharmacist, company management, and increasing government controls and regulations. Potential users for the Computer Assisted Pharmacy System include drug wholesalers, drug chains, as well as supermarkets, mass merchandisers and any other retail facilities that have pharmacy departments. The primary functions for this product include Patient Profiles, Prescription Processing, Third Party Processing, Accounts Receivable, Multi-Store Capabilities and Management Reporting.

Release notice, 8 1/2 x 11 inches, 6 pages, 7/81

///5796-BBK

Manual, 8 1/2 x 11 inches, 164 pages, 6/81  
SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-6627

PATIENT CARE SYSTEM - INFECTION DATA MANAGEMENT, IUP 5796-BCC, NOTICE

Infection control is a process in which potential sources of infection within the hospital are identified and steps are taken to reduce or eliminate the factors contributing to those risks. The Patient Care System (PCS) - Infection Data Management Installed User Program (IUP) is an online data entry system with batch reporting capabilities which provides a hospital's Department of Epidemiology a powerful tool to record and analyze incidences of nosocomial (hospital acquired) infections.

Release notice, 8 1/2 x 11 inches, 6 pages, 11/81

///5796-BCC

G320-6431

CIRCUIT BOARD DESIGN SYSTEM, IUP 5796-BBL, -BBN, -BBP, NOTICE

The Circuit Board Design System is an interactive graphic Computer-Aided Design (CAD) tool which dramatically speeds the design and manufacture of a printed circuit board (PCB).

The IBM 3277 Graphics Attachment is used as the system workstation to capture a logic design, simulate digital logic for verification and test generation, perform printed circuit board layout, create data for manufacturing, and save the completed design for later changes or reference.

Release notice, 5 pages, 7/81

///5796-BBL, 5796-BBN, 5796-BBP

G320-6632

PATIENT CARE SYSTEM-NURSING CARE PLANS, IUP 5796-PQC, RELEASE NOTICE

The Patient Care System (PCS)-Nursing Care Plans IUP is an automated extension of these plans which are based on the nursing process of assessment, planning, intervention and evaluation. Each plan contains specific pieces of information regarding the nursing diagnosis (commonality), and allows for tailoring to fit each patient (individuality). The online preparation of these plans, affords the registered professional nurse a rapid means of preparing, evaluating, updating and retrieving these documents.

Flyer, 8 1/2 x 11 inches, 6 pages, 7/82

///5796-PQC

G320-6433

ENGLISH COMMUNICATION SKILLS, IUP 5796-BBT, NOTICE

English Communication Skills, COMSKL/CAI Version 2, is a computer assisted learning system designed to assist the student in gaining proficient use of English communication skills through pre-testing and prescription; drill and practice; and post testing.

Release notice, 8 1/2 x 11 inches, 4 pages, 7/81

///5796-BBT

G320-6634

MANYFONT, IUP 5796-PPE, AVAILABILITY NOTICE

MANYFONT is a program intended for users who must format documents containing many font changes, particularly those documents with equations. It extends the capabilities of SCRIPT/VS in two main ways. First, MANYFONT provides a simple means to change the font for a single character, a requirement in formatting equations. Second, it supports a wide variety of output devices for multiple font text.

Flyer, 8 1/2 x 11 inches, 4 pages, 8/81

///5796-PPE

G320-6436

COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, NOTICE

The Comprehensive Credit Union System provides on-line (CICS/VS) and batch data processing services to credit unions. The system is comprised of three IUPs: 5796-BBW - Host Program Support; 5796-BBX - 3600 Controller Program Support (non ATM); 5796-BBY - Automated Teller Machine Program Support.

The major applications included in the system are: Share accounting, loan accounting, share drafts, certificates of deposit, general ledger, payroll deductions, teller operations, and Automated Teller Machine operations.

Flyer, 8 1/2 x 11 inches, 10 pages, 2/82

///5796-BBW, 5796-BBY, 5796-BBX

G320-6635

EDUCATIONAL INFORMATION SYSTEM/DATABASE, IUP 5796-BAZ, GENERAL INFORMATION

The Education Information System-Data Base represents a nucleus for implementing a Management Information System at an educational institution. It is a comprehensive set of designs, techniques, and programs which will allow users to install DB/DC based educational information systems.

Manual, 56 pages, 8/81

///5796-BAZ

G320-6439

COMPUTER-AIDED ENGINEERING DESIGN SYSTEMS, IUP 5796-AZA, -BBZ, -AZB

Computer-Aided Engineering Design Systems (CAEDS\*) is a tool which provides the design engineer with the speed and versatility of the computer for mechanical product design. The system includes 3 programs (5796-AZA, Frame Analysis; 5796-BBZ, Graphics; 5796-ZAB, Finite Element Analysis) to operate on an interactive graphic workstation.

\* CAEDS is a Registered Trademark of the Structural Dynamics Research Corp.

Flyer, 12 pages, 6/82

///5796-AZA, 5796-AZB, 5796-BBZ

G320-6640

HOST DOCUMENT VIEW FACILITY, IUP 5796-BCL, RELEASE NOTICE

The Host Document View Facility (HDVF) is an optional feature available for use with the IBM Distributed Office Support System (DISOSS).

With HDVF installed, 3270 users of existing DP applications can now gain the benefits of Office Systems' functions such as: Filing of external (non-system) documents; search and retrieval of previously filed documents created on the IBM 8100/DOSF; displaying and printing of filed documents and document descriptors either at a host printer or at a local printer; updating the profile (index) of previously filed documents; and deleting a document from the file (DISOSS Host Text Library).

Flyer, 8 1/2 x 11 inches, 12/81

///5796-BCL

G320-6521

HIGHLIGHTS OF THE ADVANCED CONTROL SYSTEM PRPQ (5799-BEJ)

The Advanced Control System is a licensed program (PRPQ) that provides a framework for implementing plantwide process control and management control. It is designed for use in medium-to large-scale plants such as refineries, power generation stations, steel mills, and chemical plants. It uses IBM general purpose and sensor-based computers for execution of control strategies and for single-source storage of information for plant and operating management.

This document presents a system overview and a system software overview; it also discusses control strategy implementation, realtime data base, history data base, operator/machine interaction, and other considerations. Appendices cover hardware configuration and general algorithm instructions.

Manual

///5799-BEJ

G320-6642

APL GRAPHPAK FULL SCREEN INTERFACE, IUP 5796-PPH, NOTICE

The GRAPHPAK Full Screen Interface is an interactive, full-screen oriented, menu-driven, easy-to-use facility which allows the non-programmer and programmer to fully exploit the wide range of graphics capabilities provided by VS APL GRAPHPAK. With the GRAPHPAK interface one can easily produce the following kinds of graphics: Bar charts, Pie charts, General plots, Step charts, Histograms, "3-D" charts, Hierarchical charts, Line drawings, and Filled areas.

Flyer, 8 1/2 x 11 inches, 6 pages, 5/82

///5796-PPH

G320-6605

3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM TO DISTRIBUTED OFFICE SUPPORT FACILITY ON THE 8100 INFORMATION SYSTEM: TRANSITION PLANNING GUIDE

This guide describes the major considerations involved in the transition from the 3730 Distributed Office Communication System to the Distributed Office Support Facility available on the 8100 Information System. The guide has no applicability for DOSF users who are not making such a transition. The guide is specifically addressed to experienced, thoroughly trained 3730 control operators.

G320-6648

GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, NOTICE

This document describes the program product and provides information on price, ordering, installation, and service.

Flyer, 8 1/2 x 11 inches, 4 pages, 1/82

///5796-PQF

G320-6649

RAMS II STUDENT SERVICES SYSTEM, IUP 5796-BCR, NOTICE

The RAMS II Student Services IUP provides a wide variety of system features that allow school administrators and



clerical staff to perform the varied processes of recording and updating student records in accordance with their educational policies.

Due to the flexibility of the RAMS II Student Services package, only a minimal amount of data needs to be stored in the data base prior to the beginning of the student record process.

The educational institution may then tailor a student accounting system to be as simple or as complex as school policies and practices dictate. It provides the user with a systematic way to view student records. It is centered on using technology to its fullest potential. It provides timely and efficient reports and it places emphasis on reducing clerical work.

Flyer, 8 1/2 x 11 inches, 5 pages, 2/82  
 ///5796-BCR

G320-6650

COMPUTER-GRAPHICS AIDED THREE DIMENSIONAL INTERACTIVE APPLICATIONS, IUP 5796-PQG, -PQH, -PQJ, -POL, NOTICE  
 The Computer-Graphics Aided Tri-Dimensional Interactive Applications System (CATIA\*) is a highly interactive, high function 3-D Geometry System for Computer-Aided Design and Manufacturing.

\*Registered trademark of Dassault Systems.  
 Flyer, 8 1/2 x 11 inches, 11 pages, 12/81  
 ///5796-PQG, 5796-PQJ, 5796-PQL, 5796-PQH

G320-6651

PATIENT CARE SYSTEM - APPLICATION DEVELOPMENT SYSTEM, IUP 5796-BCE, -BCF, AVAILABILITY NOTICE  
 PCS-Application Development System is an end-user oriented application generation system designed to speed the implementation of online data base applications. It consists of two extended support Installed User Programs, the PCS-Application Preparation System (5796-BCF) and the PCS-Application Execution System (5796-BCE).

Flyer, 6 pages, 11/81  
 ///5796-BCL, 5796-BCF

G320-6659

GRAPHIC INTERACTIVE APPLICATION MONITOR, IUP 5785-DCJ, -DCK, RELEASE NOTICE

Graphical Interactive Application Monitor provides graphic creation and manipulation capabilities which relieves the user of much of the work required to develop and maintain graphic applications. It includes two components: Basic Graphic Support System (5785-DCK) and Basic Interactive Application Monitor (5785-DCJ).

Flyer, 8 1/2 x 11 inches, 6 pages, 12/81  
 ///5785-DCJ, 5785-DCK

G320-6661

RAMS II STUDENT SERVICES SYSTEM, IUP 5796-BCR, GENERAL INFORMATION

The RAMS II Student Services IUP provides a wide variety of system features that allow school administrators and clerical staff to perform the varied processes of recording and updating student records in accordance with their educational policies.

Due to the flexibility of the RAMS II Student Services package, only a minimal amount of data needs to be stored in the data base prior to the beginning of the student record process. The educational institution may then tailor a student accounting system to be as simple or as complex as school policies and practices dictate.

It provides the user with a systematic way to view student records. It is centered on using technology to its fullest potential. It provides timely and efficient reports and it places emphasis on reducing clerical work.

Manual, 8 1/2 x 11 inches, 100 pages, 2/82  
 ///5796-BCR

G320-6662

DORTMUND AND LEUVEN LIBRARY SYSTEMS, IUP 5787-DAA, -DAB, -FAJ, -FAK, -FAH, -FAL, NOTICE

The Dortmund Library System, developed by the University of Dortmund, is an online library cataloging and searching system designed for university, public special, and government libraries.

The Leuven Library System-Online, designed to complement the Dortmund Library System, provides online circulation, acquisitions and report formatting functions. The Leuven Library System-Batch provides tape and hardcopy output capability for both the Dortmund and the Leuven-Online systems. This guide explains the various functions and facilities of the system for the librarian.

Flyer, 8 1/2 x 11 inches, 8 pages, 2/82  
 ///5787-DAA, 5787-FAH, 5787-DAB, 5787-FAJ, 5787-FAL, 5787-FAK

G320-6664

COMBINED DEPOSIT SYSTEMS, IUP 5796-AZY, GENERAL INFORMATION  
 The American National Bank Combined Deposits System is designed to process Demand, Time, NOW, and Overdraft Banking accounts in a single system built around a comprehensive DI/I data base. This single system design allows accounts to be configured to easily perform functions involving multiple accounts, such as automatic funds transfer, combined statements, and relational pricing.  
 Manual, 8 1/2 x 11 inches, 44 pages, 2/82  
 ///5796-AZY

G320-6666

COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, GENERAL INFORMATION

The Comprehensive Credit Union System utilizes the IBM System/370, 4300, or 303X processors and the 3600 Finance Communication System. It provides complete on-line facilities for both teller and administrative users, and full batch processing and reporting functions.  
 Manual, 8 1/2 x 11 inches, 28 pages, 1/82  
 ///5796-BBW, 5796-BBY, 5796-BBX

G320-6667

COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING SYSTEM, IUP 5796-ATA, -ATE, -ATC, -ATD, -ATE, -ATF, -ATG, -ATH, -ATJ, -AWR, -AWT, GENERAL INFORMATION

This manual presents an introduction and general description of the CADAM\* IUPs for executives, system analysts, and programmers. CADAM is a general purpose drafting package containing analytical and conceptual design aids. The CADAM system's fundamental architecture is based on bounded numeric geometry and employs the methodology of classical descriptive geometry.

\*CADAM is a registered trademark of Lockheed Corporation.

Manual, 8 1/2 x 11 inches, 84 pages, 1/82  
 ///5796-ATA, 5796-ATH, 5796-ATU, 5796-ATD, 5796-ATG, 5796-ATB, 5796-ATE, 5796-AWT, 5796-ATF, 5796-AWR

G320-6668

ADRSII BUSINESS GRAPHICS, IUP 5796-PLN FEATURE 6029, 6030, NOTICE

A Departmental Reporting System/Business Graphics (ADRSII/BG) is a highly flexible graphics option of ADRSII which allows the business professional to display reports in eight types of color charts. ADRSII/BG integrates the report processing power of ADRSII with the quality graphics capability of Graphics Data Display Manager/Presentation Graphic Feature. The business graphics option provides an interactive, user-oriented environment for the production of color business graphs, reports, data, and text.

Flyer, 8 1/2 x 11 inches, 6 pages, 9/82  
 ///5796-PLN

G320-6671

FUNDAMENTALS ACCOUNTING PRINCIPLES COURSEWARE, IUP 5796-PQV, RELEASE NOTICE

Fundamental Accounting Principles (ACCT) is a computer-based training (CBT) system designed to operate as a course under the IBM Program Product, Interactive Instructional System, and assist the student user in achieving proficient use of the fundamental concepts of accounting introduced in most first and second semester courses on accounting. ACCT supports existing accounting instruction and offers a way to reduce classroom time spent to accommodate student learning differences and experience levels.

Release Notice, 8 1/2 x 11 inches, 6 pages, 4/82  
 ///5796-PQV

G320-6674

3624/3614 ONLINE APPLICATION REPORTING SYSTEM, IUP 5796-BDA, -BDC, NOTICE

These IUP's provide online programs running under CICS/OS/VS which manage a network of 3624/3614 Automated Teller Machines. Also provided are OS/VS offline batch programs which generate operational and management reports designed to run this network effectively.

Flyer, 8 1/2 x 11 inches, 6 pages, 7/82  
 ///5796-BDA, 5796-BDC

G320-6675

3600/4700 PLATFORM AUTOMATION SYSTEM, IUP 5796-BDF, NOTICE

This IUP creates, distributes and processes on or off host transactions needed to support the platform/administrative area of bank and thrift institution branch offices. Using a 1920 character display, screen and printer formats are interactively defined and tested at the 3600/4700 controller without the need for a host system.

At the platform workstation, transaction is designed to make use of customer host information, thereby minimizing key entry. Using the 3616 printer, existing customer pre-printed new account opening forms, certificates of deposit, money market certificates and individual retirement accounts can be printed using the information entered at the platform terminal.

Flyer, 8 1/2 x 11 inches, 6/82  
 ///5796-BDF

G320-6741

COMPUTER THRIFT APPLICATION SYSTEM, IUP 5796-AXW, -AXX, GENERAL INFORMATION

The Comprehensive Thrift Application System is a collection of online and batch systems providing for the automation of savings and mortgage processing for the savings and loan industry.

This set of systems is designed to run in the DOS/VS or DOS/VSE operating environment. The host application programs 5796-AXW are designed for use in combination with Installed User Program 5796-AXX which is the 3600 controller software for the online teller application.

This publication describes the systems in an overview

format and should give the reader a basic understanding of the systems included. It is assumed that the reader has a general knowledge of the thrift industry and IBM products relating to that industry.

Manual, 60 pages, 12/81  
 ///5796-AXW,5796-AXX

G320-6742

CIRCUIT BOARD DESIGN SYSTEM, IUP 5796-BBL, -BBN, -BBP, GENERAL INFORMATION

This manual provides an overview of the Circuit Board Design System as an integrated system, and includes a description of each of its component parts.

Manual, 8 1/2 x 11 inches, 24 pages, 7/81  
 ///5796-BBL,5796-BBN,5796-BBP

G320-8045

CATALOG STATE AND LOCAL GOVERNMENT APPLICATION PROGRAMS AVAILABLE FROM SOURCES OUTSIDE OF IBM

This catalog has been produced for the purpose of providing information about public sector application programs available from non-IBM sources that may address IBM processor customer requirements. The information presented in this manual was obtained directly from the firms listed and has been taken at face value. IBM has not evaluated these offerings and makes no comment as to their functions, quality, or performance. This catalog is intended for use by IBM marketing representatives and systems engineers and by our public sector industry customers.

Manual, 8 1/2 x 11 inches, 6/82  
 SLSS - ORDER NO. SUBSCRIPTION ONLY

G320-8062

DISTRIBUTION ORDER ENTRY SYSTEM - S/370 AND 3270, 2319/3330/3340 SUPPORT, LAG DRUG CO.: IUP 5796-ABT NOTICE

This flyer contains highlights of the "Twin Fair Merchandise Processing System, an Installed User Program we use at Twin Fair Distributors Corporation, Buffalo.

Notice, 6 pages  
 ///5796-ABT

G320-8063

ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) -- A POWERFUL DESIGN TOOL FOR LINEAR & NONLINEAR ELECTRICAL NETWORKS: IUP 5796-PBH NOTICE

This IUP provides engineers with a powerful tool for use in the design and reliability analysis of linear and nonlinear electrical networks. Although the Advanced Statistical Analysis Program (ASTAP) is oriented primarily toward analysis of electronic circuits, it can also be used to simulate any physical system that can be represented by a network model.

The program can be used to perform DC and AC steady-state as well as transient analysis. In addition, a Monte Carlo statistical simulation can be performed in conjunction with DC, AC, or transient analysis to predict the effect of component variations on network performance. A common user-oriented input language is provided for describing the network to be analyzed in any of the above modes.

Notice, 4 pages  
 ///5796-PBH

G320-8067

GENERALIZED CREATE/REORGANIZE UTILITY SYSTEM FOR S/370 EASTMAN KODAK - RELEASE NOTICE - IUP NUMBER 5796-ACZ

The S/370 Generalized Create/Reorganize Utility System provides the Chained File Management System (CFMS) user the capability of decreasing file reorganization time by as much as ten to one. The system provides a highly efficient generalized set of utilities for creation and maintenance of CFMS files (both BDAM and ISAM). Major functions include high speed dump and restore of both BDAM and ISAM files, reorganization of individual chained files, expansion of master file space between reorganizations, and enhanced record addition capabilities for ISAM files. Any CFMS user currently expending 10 or more hours per month on reorganizations should achieve enough savings in the first 6 months of operation to justify the paid up license of this IUP.

Notice, 4 pages  
 ///5796-ACZ

G320-8074

SYSTEM/370 MICR OS TRANSIT SYSTEM, INDIANA NATIONAL BANK: IUP 5796-ADG NOTICE

The Indiana National Bank, with over \$1.7 billion in assets and over 40 branches in the city and county, is one of the largest commercial banks in Indiana.

The MICR OS Transit System was developed as an effective method of solving many of the bank's critical check processing problems. By installing the system, the bank states that it was able to increase throughput and realize a significant improvement in availability of funds.

Notice, 4 pages  
 ///5796-ADG

G320-8094

COMPUTER GENERATED CORRESPONDENCE, IUP 5796-AER NOTICE

This notice is intended to alert potential users to the fact that this program has been released.

The Computer Generated Correspondence System as installed at Fidelity Union Life Insurance Company, Dallas, Texas allows letters to be requested in two ways: on demand through an IBM 3270 visual display terminal or automatically from CFO daily cycle, agency and payroll systems. Pre-composed letters are stored on a DASD. Existing data bases are accessed to provide information such as policy number, name, address, etc., while variable data is entered when the letter is requested. The on-line and batch letter requests are combined, sorted by letter type and printed. During the print run, the pre-composed letter is extracted from the letter file and the variable information is inserted at its proper place. Usage statistics are maintained by letter type. To optimize DASD utilization and to avoid data duplication, all words in the pre-composed letter file are maintained as codes which point to word dictionaries. The facility exists to generate multiple copies of the same letter and also to prepare envelopes.

Release Notice  
 ///5796-AER

G320-8097

DISTRIBUTION ORDER ENTRY SYSTEM FOR SYSTEM/370 WITH 3270'S 2319/3330/3340 SUPPORT, LAG DRUG CO.: IUP 5796-ABT, NOTICE

The Lag Drug visual display technique can provide needed information quickly to order takers. Companies that take orders over the telephone require immediate information concerning their customers, warehouse inventory current prices, discounts, free goods, special deals or promotions. Utilizing a flexible, combination approach of alpha dictionary or numeric entry, the Lag Order Entry System can assist the distributor in improving customer service because items ordered are agreed upon with the customer and then entered correctly. This System not only helps increase customer service but also means less returned merchandise, sales increase, warehouse efficiency, reduction in order entry, lower investment and continuous increased performance. This feature supporting the 3340, is an added feature to the original DOES System.

Release Notice  
 ///5796-ABT

G320-8101

MEDICAL RECORD ABSTRACT SYSTEM INSTALLED AT WEST JEFFERSON GENERAL HOSPITAL MARRERO, LOUISIANA - IUP 5796-AFA, NOTICE

West Jefferson General Hospital has developed a data processing system that addresses the needs of its Medical Record Department. The Medical Record Abstract System is a classic example of basic data processing philosophy: capture the data at its source, and then use the computer to list, summarize, compare, and analyze information in an accurate and rapid manner.

A basic set of information for each patient discharged and each outpatient visit is created as a by-product of the accounting system. Clinical data is added directly by the Medical Record Department to complete the abstract. Retrieval and reporting programs then summarize this data into many forms and perform various analyses to meet the varied needs of the administration, the medical staff, and the Medical Record Department.

Release Notice, 4 pages  
 ///5796-AFA

G320-8102

RAIL CAR MANAGEMENT SYSTEM INSTALLED AT HERCULES INC. WILMINGTON, DELAWARE: IUP 5796-AFR NOTICE

This Availability Notice contains complete ordering information for the program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Rail Car Management System can yield cost savings by allowing the Traffic Department to better control and manage all types of rail cars. Car-spotting information, shipping messages, Standard Point Location Codes (SPLC's) or other corporate location codes are used for specific location information.

Financial data, including mileage earnings, rentals, paid maintenance, depreciation, and any additional expenses, is entered on video displays and, in effect, gives a financial snapshot on each car. Maintenance information on owned or leased cars is entered in a similar manner and provides data on all instances of scheduled and unscheduled maintenance. Finally, each car's profile is completed with a description of its physical characteristics.

From this base of information, inquiries on specific cars, locations, or conditions (i.e., overdue, active or out-of-service cars) can be made immediately through video displays or on a batch basis from the system.

The Rail Car Management System has been run on an IBM System/370 running under OS/MVT (Release 21.7) and the IMS (Version 2.3.1) Data Base/Data Communications System (5734-XX6) Program Product. The programs are written using ANS COBOL Version 3 (5734-CB1). (The Sort/Merge Program Product, 5734-SM1 is required.) It has been tested under VSI (Release 2.6).

The system will run under a minimum IMS system and requires one 3330 or equivalent spindle, one tape drive, one printer, card I/O, and at least one 3277 Model 2 or 3275 Model 2.

Flyer, 4 pages  
 ///5796-AFR

G320-8103

COST/GENERAL: AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES IUP 5796-AFQ, NOTICE

The increasing demand for energy, combined with shortages and rising costs of production, make the job of financial management and cost control in a public utility difficult and challenging. The expanding focus of public and governmental attention on the performance of utilities has resulted in a growing need for timely and accurate cost accounting and reporting. The Cost/General Accounting System for Public Utilities has been designed to meet these requirements.

The Cost/General System is a group of application programs that provide the functions of collecting, organizing, allocating, and reporting costs throughout all levels of a public utility. It is a totally integrated system providing both financial information and responsibility reporting by cost centers.

The primary purposes of the system are to provide the management of a public utility with up-to-date, meaningful financial information as an aid in evaluating alternative courses of action, provide effective controls over costs, and monitor the performance of cost centers. The system also provides on a timely basis the information necessary to fulfill the reporting requirements of governmental regulatory agencies and stockholders.

This Availability Notice contains complete ordering information for the Field Developed Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Release Notice  
 ///5796-AFQ

G320-8105

DOS/CICS TELLER AUDIO RESPONSE SYSTEM, IUP 5796-AFW ANNOUNCEMENT

This Installed User Program provides for the on-line response from balance segments added to the CIF Application Index File (AIF). The on-line portion of the system inquires of and memo posts to the balanced segments during the day through Touch Tone telephone key entry. The system also provides for processing of tomorrow's work if a teller closes out prior to the end of banking hours. Responses to the teller transactions are answered via an IBM 7770 Audio Response Unit with a 48 Word Vocabulary.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Flyer, 4 pages  
 ///5796-AFW

G320-8108

COMMODITY FUTURES ACCOUNTING SYSTEM FOR SYSTEM/370 MODEL 125, INSTALLED AT: CONTICOMMODITY SERVICES, INC. - IUP 5796-AGC, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Commodity futures trading is one of the fastest growing segments of the brokerage business, and highly profitable.

This system enables the commodity futures broker to control and expand his business through a comprehensive set of status and control reports. The reports produced can help control the accounting, clearing and margining of futures contracts, increase customer service, and satisfy government reporting requirements. The system creates and maintains files of up-to-date information on commodity transactions, customer positions, balances and margin requirements, floor brokerage, salesman's commissions, and trading and clearing positions.

ContiCommodity Services, Inc. developed this comprehensive set of programs for its System/370 Model 125 to handle these functions in the timely and accurate manner required in the commodity business.

Availability Notice, 6 pages, 12/74  
 ///5796-AGC

G320-8109

THE ENHANCED TWIN FAIR MERCHANDISE PROCESSING SYSTEM SYSTEM/370 DOS/VS CICS & 3270'S - IUP 5796-ADB, NOTICE

This Document announces availability of the Twin Fair Merchandise Processing System which addresses areas common to all retailers, from entry of orders, through the receiving, checking and marking processes, to the entry and approval of invoices for payment. Merchandise Processing is the link between a retailer's merchandising system and his store level operations. As such, it is involved with the control of many of the major resources of a retailer - stores, warehouses, distribution centers, inventories, personnel and capital.

Flyer, 6 pages  
 ///5796-ADB

G320-8110

ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, NOTICE  
 Online Teller and Time Deposit System using the IBM Information Management System is a data base oriented and sophisticated Installed User Program.

In addition to flexible batch accounting and reporting capabilities, this system also provides for several levels of online operation. Audio response, 3270, administrative terminal capabilities and online teller processing modules provide a variety of systems alternatives such that a wide range of implementation approaches are valid.

A "variable" data base is the vehicle by which different savings plans may be implemented even though they may have a variety of interest rates, withdrawal restrictions or maturity characteristics.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Release Notice  
 ///5796-AFH

G320-8112

FINAL LEVEL PARTS MANAGEMENT SYSTEM INSTALLED AT THE VENDO COMPANY KANSAS CITY, MISSOURI - IUP 5796-AGF, NOTICE

This Document announces availability of the Final Level Parts Management System developed by the Vendo Company to provide production management with comprehensive information on the relationship of each component to its end products. This system enables the material control manager to determine the total quantity of each component used in the production of each final assembly. For material planning and costing purposes, this capability is essential. In addition, the effect of engineering change activity can be examined for its impact on the cost of all related products.

The primary benefits of the system are derived by allowing the structural emphasis to be in terms of components rather than end products. Past summarized implosion techniques have been impractical because of the inordinate amount of time required for processing. The Final Level Parts Management System (FLPMS) employs techniques designed to drastically reduce this time requirement.

Flyer  
 ///5796-AGF

G320-8113

COMMERCIAL LOAN ACCOUNTING SYSTEM - IUP 5796-AGB, NOTICE

This system optimizes Portfolio Management, provides automatic interest calculation and income accrual posting. It allows for correspondent bank processing, generates maturity notices automatically, both past due and coming due notes, and eliminates errors associated with manual ledger card operations.

Release notice  
 ///5796-AGB

G320-8115

PROPERTY AND LIABILITY CLAIMS ENTRY SYSTEM, IUP 5796-AGK NOTICE

This document contains information on use of the Property and Liability Claims Entry System, with which homeowner and automobile claims can be rapidly entered and completely controlled throughout their processing.

The display screens designed for use with 3270 Display Stations (with light pen attachment) are highly operator-oriented, and once a claim is entered into the data processing system it is instantly available on a visual display screen.

Release Notice, 4 pages, 1/76  
 ///5796-AGK

G320-8117

ONLINE LIST MAINTENANCE, IUP 5796-AGT, 5796-AJH, NOTICE

This document contains information on use of the Online List Maintenance System. List maintenance is a requirement of most periodical publishers, direct mail houses, and associations. Yet it often represents a tedious and time-consuming task. The List Maintenance System IUP was developed by the Lutheran Church in America to eliminate as much clerical work as possible associated with maintaining records of subscribers to their various periodicals. The typewriter-like keyboards of the 3270 display terminals are connected to System/370 Model 135. The computer generates guidance displays that aid the operator in keying in data and in making corrections to incorrectly keyed data.

When the time comes for mailing label preparation, all online activities are suspended. Records for expired or deleted subscriptions are identified, and magnetic tapes are created for the subsequent preparation of reports, notices and printing of labels. The files are then restored to disk, eliminating deleted records and enabling the online system to be reactivated. The labels, notices, and reports are then concurrently processed.

Release Notice, 4 pages, 11/75  
 ///5796-AGT, 5796-AJH

G320-8118

SYSTEM/370 CICS/DOS/VS PROOF OF DEPOSIT AND TRANSIT SYSTEM - IUP 5796-AGA, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

The Houston National Bank DOS/VS Proof of Deposit and Transit System features the complete proof of deposit function, online correction of rejects, automatic balancing by transaction, and nonstop reader/sorter processing with divider slips for bundle totals. The system also features use of destination headers for "killing" a high number of endpoints in two passes, automatic cash letters, multiple copy recaps, endpoint analysis, and sort pattern maintenance by user (Item Processing Department).  
Availability Notice  
////5796-AGA

G320-8119

S/370 IMS/VS ONLINE DEMAND DEPOSIT ACCOUNTING SYSTEM WITH 3270 AND AUDIO RESPONSE, IUP 5796-AFN, NOTICE  
This document describes for potential customers use of the Demand Deposit Accounting System using IMS at the Bank of Delaware, an advanced high-function system. It provides for extensive account profitability analysis, online inquiry and updating, comprehensive report request facilities, and one-pass processing of the data base for posting, statements, and standard reports. The package offers a complete Demand Deposit System and can be easily integrated into a CIF environment.

## Highlights:

- o Automated account profitability analysis
- o Online inquiry via 3270 and audio response
- o Special reports through batch or online requests
- o Flexible data base design and program maintenance
- o Minimum computer operator intervention required
- o Restart/Recovery using IMS Back-out Utility
- o Full use made of IMS Security Features

Release notice, 6 pages, 2/76  
////5796-AFN

G320-8121

CICS/DOS/VS AND OS/VS INSTALLMENT LOAN CALCULATOR IUP 5796-AGR, 5796-AGQ

The Installment Loan Calculator is an IUP for online use by credit officers of banks and retail enterprises when making installment loans.

It supplants the use of rate books for fitting payments and percentages to satisfy loan requests.

It operates under CICS for both DOS and OS with 3270 and/or 7770 audio response.

It allows the credit officer to spend more time with the customer and develop an installment loan more closely related to the customer's wishes.

The potential advantages are increased loan business due to more flexible terms, increased yield by inclusion of odd-day interest, reduction of errors by elimination of manual calculations and the replacement of expensive rate books and programmable calculators.

Program 5796-AGQ is for DOS/VS.

5796-AGR is for OS/VS.

The programs can be made to work interchangeably under either system if desired.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Release Notice  
////5796-AGR,5796-AGQ

G320-8122

S/370 AUTOMATED BILLING AND COLLECTION SYSTEM - IUP 5796-AGL, NOTICE

The Automated Life Billing and Collection System is an IUP that interfaces with the Consolidated Functions Ordinary (CFOII) program product to perform the functions of direct billing, pre-authorized checks, salary savings, list billing, government allotments, minimum deposit plans and miscellaneous billing. It also processes loan payments, returned bank drafts, post-dated checks and APL/NFO actions. It consists of 44 Assembler Language programs that can be easily modified to accommodate the needs of the user in performing the billing and collection transactions.

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

Release Notice  
////5796-AGL

G320-8123

DOS/CICS/VS COMBINED LOAN SYSTEM FOR USE WITH VANDL-1, IUP 5796-AGG, NOTICE

For information about this program, see abstract for SH20-1609.

Release Notice  
////5796-AGG

G320-8126

CICS/DOS/VS ONLINE PAYROLL & PERSONNEL SYSTEM, IUP 5796-AFX, NOTICE

This document describes for potential customers use of the Online Payroll and Personnel System, developed by First National Bank of Maryland to satisfy a need for timely data and for inquiry into individual employee records without a

search through printed reports. The result is a complete payroll and personnel system providing online inquiry, data entry, and data update.

Personnel reporting capabilities include personnel listings, termination reports, salary analysis, review sheets, staffing reports, attendance reports, and turnover reports.

Payroll reporting includes earnings statements, stock reports, W2 and 941A forms, payroll register, deduction register, termination listing, no-pay/deduction-not-taken reports, and overtime reports. The system handles weekly, biweekly, and monthly payrolls, as well as providing for incentive pay. Retirement plan, tuition refund, stock plan, and equal employment opportunity records are included.

Release Notice, 6 pages, 5/75  
////5796-AFX

G320-8132

HOSPITAL CHARGE CONTROL SYSTEM, IUP 5796-AHB, NOTICE  
This document describes for potential customers use of the charge control system.

## Highlights:

- o Helps recover (audit lost revenue by converting medical record content to billable items, comparing these to total final bill, generating and reporting differences, and adding lost charges to the final bill.
- o Along with additional revenue, the system creates the input for the collection of the associated statistics of services rendered for patients.
- o One daily report also points out charges that are possibly included on the wrong patient's bill.
- o Monthly reports recap the additional revenue by service within cost center to point out the areas for possible management action.

Release notice, 6 pages, 4/76

////5796-AHB

G320-8133

INSTALLING HEALTH CARE SUPPORT/ACCOUNTING- IUP 5796-AHC, NOTICE

This document announces availability of the Health Care Support/Accounting System Installation Package, a system directed at decreasing the time usually required to implement Program Product 5746-H14. The IUP provides the user with predefined master files and coding structures and documentation containing departmental procedures and responsibilities.

Availability Notice, 4 pages (5/75)  
////5796-AHC

G320-8134

LABORATORY DATA MANAGEMENT SYSTEM, IUP 5796-AHD, NOTICE

The university of Alabama in Birmingham, after ten years' experience in laboratory data processing, has implemented a Laboratory Data Management System which, in fulfilling one of its objectives, creates a unified cumulative patient summary containing the results received from all the clinical laboratory sections since the patient entered the hospital. This document describes for potential customers use of the system.

Release notice, 8 pages, 9/75  
////5796-AHD,5796-APB

G320-8139

DOS/CICS/VS PERSONAL TRUST SYSTEM WITH ON-LINE INQUIRY & DATA ENTRY FACILITIES, IUP 5796-AHH, NOTICE

This Availability Notice contains complete ordering information for the Program and all its related documentation, for management and data processing personnel who are prospective users of the program and others who require information concerning it.

This Personal Trust Accounting System consists of online inquiry and data entry facilities supporting a substantial batch processing system.

Online and batch capability as provided by this IUP is supported by the facilities of CICS/VS and 3270 Display terminals utilizing advanced hardware functions of high intensity, protected fields, and alphanumeric field characteristics. The system, installed at National Central Bank in Reading, Pa., is divided into approximately 20 modules providing the online support of data entry and inquiry, and 180 programs and sort procedures supplying a comprehensive batch system.

Flyer, 8 pgs  
////5796-AHH

G320-8143

INGERSOLL LATHE PROGRAM, IUP 5796-AHN, NOTICE

The Ingersoll Milling Machine Company of Rockford, Illinois has developed a solution to the problem of providing adequate, efficient, and economical NC tape for two axis NC lathes. The Ingersoll Lathe Program is based on APT; however, considerable departure from the APT language occurs where major improvements in turned-part programming efficiency are required.

This document contains information on use of the program.

Release Notice, 8 pages, 1/76  
////5796-AHN

G320-8144

INVESTMENT PORTFOLIO MANAGEMENT SYSTEM, IUP 5796-AHW, NOTICE  
This document contains information on use of the Investment Portfolio Management System which provides online computer-based capabilities for maintenance of and access to an online portfolio data base. This system should be of interest to any corporation or organization with one or more investment portfolios to manage.

This system can provide online inquiry, data collection, validation and update facilities, reporting facilities and data storage for backup and for trend analysis, thus providing portfolio managers and analysts with online information to assist in portfolio management. It provides for cash flow forecasting through anticipated income reports and monitors portfolio distribution to facilitate compliance with regulatory requirements.

Finally, the system performs the accounting functions associated with the investment process. It tracks the activities of the portfolio (changes, trades, interest, dividends, adjustments), provides input to the general ledger and other corporate accounting books, and produces statistical, management, and statutory reports.

Release Notice, 6 pages, 11/75  
////5796-AHW

G320-8145

HEALTH CARE SUPPORT/OS ACCOUNTING SYSTEM, IUP 5796-AHX, NOTICE

This document contains information on use of Health Care Support/OS Accounting System.

For the past several years, a variety of health providers have been using the Health Care Support/Accounting System (5746-H14), a DOS application program product that provides the major functions of patient billing, accounts receivable, and general ledger. However, other health providers, those whose computer systems run under OS, have found themselves faced with costly and time-consuming problems in attempting to implement the accounting applications on their systems. As a solution to these problems, IBM is offering the Health Care Support/OS Accounting System, an Installed User Program designed to convert the DOS Accounting System to OS/VS.

The actual conversion uses standard IBM OS utilities to replace or modify the DOS code. Conversion of the JCL involves total replacement of DOS JCL procedures with OS equivalents. Operating system dependent application code is converted by using line by line replacement of individual lines of code.

Release Notice, 4 pages, 11/75  
////5796-AHX

G320-8147

TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB, NOTICE

This document contains information on use of the Transportation and Freight Auditing System, designed to avoid much of the clerical effort and error associated with freight bill calculation and auditing. In the process, the system also builds comprehensive shipping/transportation data bases that can be used to perform distribution and traffic studies.

Release Notice, 4 pages, 1/30/76  
////5796-AJB

G320-8152

APPAREL BUSINESS SYSTEM, IUP 5796-AJG, NOTICE

This document contains information on use of A.B.S./370, which provides the cut-to-stock apparel manufacturer with a comprehensive and integrated set of apparel and accounting applications.

It uses IBM 3270 Information Display System terminals for data entry, inquiry, and update functions. The visual display terminals are located in user departments, so that current information is available throughout the company while data processing delay is minimized.

Major functions

- o Order entry and order analysis
- o Inventory control and contractor work-in-process
- o Order allocation with warehouse pick tickets
- o Customer invoicing
- o Credit memos and credit analysis
- o Salesman commission accounting
- o Open-item accounts receivable, including cash/credit application
- o Sales analysis including customer, salesman profitability
- o A.B.S. file maintenance

Release Notice, 10 pages, 12/75  
////5796-AJG

G320-8167

CORPORATE TRUST & AGENCY SYSTEM (CICS/OS/VS), IUP 5796-AHA - NOTICE

This IUP was developed by United States Trust Company of New York to improve the speed, accuracy and profitability of security transaction accounting.

United States Trust's experience of operating an earlier online system was instrumental in the successful design and implementation of this system.

This publication describes the operational characteristics and functions of the program as well as programming, configuration, and installation considerations.

Release Notice, 8 1/2 x 11 inches, 8 pgs, 5/77

////5796-AHA

G320-9128

INTEGRATED PUBLISHING SYSTEM, IUP 5796-BDP, -BDQ, NOTICE

The Integrated Publishing System provides text entry, interactive full-page composition, and output to an online phototypesetter for quality publications such as brochures, reports, manuals, books and magazines. Using any of the three editors in the system the user may enter and edit text on a 3270 terminal using VM-resident code or on the Series/1 using the Text Entry and Edit FDP (5798-RAR). Text is stored in the VM system in a controlled access text data base. Document pages may be defined using a graphics display and the text can be composed into page areas. Completed pages may be sent to the phototypesetter via tape or online interface.

Flyer, 8 1/2 x 11 inches, 6 pages, 7/82  
////5796-BDP, 5796-BDQ

G320-9129

IN STORE DATA COMMUNICATIONS FACILITY, IUP 5796-BDV, RELEASE NOTICE

The IBM In-Store Data Communications Facility Installed User Program Operating in a Series/1 provides the capability to batch transfer user data between a Series/1 and an IBM 3651 Store Controller. Point of Sale data such as Item Movement or Transaction Log data can be batch transferred from a 3651 Store Controller to a Series/1 so that the Series/1 can execute user written in-store applications such as, Merchandising, Cashier Performance, Inventory Management, Labor Scheduling, Flash Sales, Register Balancing, etc.

Flyer, 8 1/2 x 11 inches, 4 pages, 6/82  
////5796-BDL

G320-9176

EDUCATIONAL INFORMATION SYSTEM REGISTRATION, IUP 5796-PQR, GENERAL INFORMATION

This document, a general description of Educational Information System/Registration, is intended primarily to help evaluate the product and may also serve as a guide in planning the implementation.

Educational Information System/Registration provides an educational institution with a variety of methods for registering students and producing associated reports. It works with a prerequisite IUP (Educational Information System/Data Base 5796-BAZ) that contains the basic information on the students. Educational Information System/Registration has five online and three batch functions that provide for the classic arena style of registration.

Manual, 8 1/2 x 11 inches, 44 pages, 7/82  
////5796-PQR

G320-9178

INTEGRATED PUBLISHING SYSTEM, IUP 5796-BDP, GENERAL INFORMATION

The Integrated Publishing System provides text entry, interactive full-page composition, and output to an online phototypesetter for quality publications such as brochures, reports, manuals, books and magazines. Using any of the three editors in the system the user may enter and edit text on a 3270 terminal using VM-resident code or on the Series/1 using the Text Entry and Edit FDP (5798-RAR). Text is stored in the VM system in a controlled access text data base. Document pages may be defined using a graphics display and the text can be composed into page areas. Completed pages may be sent to the phototypesetter via tape or online interface.

Manual, 8 1/2 x 11 inches, 34 pages, 7/82  
////5796-BDP

G321-5102

AN OFFICE COMMUNICATIONS SYSTEM

In developing a prototype of an office communications system, an office study was first done to specify requirements for the prototype. The study focused on the productivity of three groups of employees - principals, clerical personnel, and secretaries. With requirements set by the management of the office used as a framework, application requirements for end users of an office communications system were established. From a subset of these requirements the prototype was developed.

Journal reprint, 7 x 10 inches, 30 pages, 8/79

G321-5103

A RESEARCH PERSPECTIVE ON COMPUTER-ASSISTED OFFICE WORK

The integrated office system of the future that relies upon computerized applications for most routine work will have to be a friendly system that can be used by individuals with a minimum of training and no previous computing experience. A discussion of the computer-assisted aids to office work that have evolved at the IBM Thomas J. Watson Research Center provides a preview of the possibilities for future office systems based on computers. We describe tasks that have been computerized, the environment in which automated office applications are used, and the reactions of people who use the computer for routine office work.

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14	GA11-8624-2*			3872 UC PROBLEM DETERMINATION PROCEDURES RPQ Y98426, Y96610
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15	GA19-5062-0*			3600 FINANCE COMMUNICATION SYSTEM: 3614 MODELS 2 & 12 WITHOUT BASESTAND, RPQ X88775, INSTALLATION MANUAL - PHYSICAL PLANNING SUPPLEMENT
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14	GA19-5082-0*			3650 RETAIL STORE SYSTEM-ADMINISTRATIVE OPERATIONS GUIDE WORLD TRADE RETAIL FUNCTIONS, RPQ 7B0239 & 7B0350, LIC PROG 5799-WJR (OS/VS), 5799-WJB (DOS/VS)
14	**GA19-5083-3*	**GN19-6728		3600 FINANCE COMMUNICATION S/3620 PASSBOOK/FORMS PRINTER MODELS B01, B02 & B03, OPERATING GUIDE
14	GA19-5085-0*	GN19-6477	GN19-6495	1255/1270 MICR/OCR READER/SORTER RPQ 7B0268 ATTACHMENT TO THE 3602 FINANCE COMMUNICATION CONTROLLER REFERENCE MANUAL
14	GA19-5086-1*	GN19-6634	GN19-6635	1255/1270 MICR/OCR READER/SORTER RPQ 7B0268 ATTACHMENT TO THE 3602 FINANCE COMMUNICATION CONTROLLER OPERATING GUIDE
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14	GA19-5094-1*			3650 RETAIL STORE SYSTEM-SALES OPERATION GUIDE FOR CASH & CARRY RELEASE 3.1 & 3.2, 3653 POINT OF SALES TERMINAL RPQS 7B0234, 7B0238 & 7B0241
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14	GA19-5150-0*	GN19-6630		3600 FINANCE COMMUNICATION SYSTEM 3411 MAGNETIC TAPE ATTACHMENT RPQ 7B0080 OPERATING GUIDE
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14	GA19-5176-1*		AN INTRODUCTION TO THE IBM 5922 DOCUMENT READER MODEL S11
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72	GB11-5364-0*		ONLINE PLANT MAINTENANCE SYSTEM SPARE PARTS MANAGEMENT, IFP 5787-NAE, NOTICE
81	SB11-5371-0*	SN19-6677	IBM COBOL CONVERSION AID FROM ICL PLAN: IFP 5787-EAC, -EAD DESCRIPTION/OPERATIONS
79	GB11-5374-1*		BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR - SYSTEM/370 3277

79	SB11-5375-0*	SN19-6674	GRAPHICS ATTACHMENT, IFF 5785-DCJ NOTICE BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR, IFF DESCRIPTION/OPERATIONS
79	LB11-5376-0*		BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR PROGRAM, IFF 5785-DCJ, LOGIC
79	GB11-5377-1*		BASIC GRAPHIC SUPPORT SYSTEM SYSTEM/370 3277 GRAPHICS ATTACHMENT, IFF 5785-DCK, NOTICE
79	SB11-5378-0*	SN19-6675	BASIC GRAPHIC SUPPORT SYSTEM, IFF 5785-DCK, DESCRIPTION/OPERATIONS, PROGRAM NUMBER 5785-DCK
79	LB11-5379-0*		BASIC GRAPHIC SUPPORT SYSTEM, IFF 5785-DCK, LOGIC
80	GB11-5381-0*		STAIRS/VIS - STAIRS/DOS/VIS PARTIAL MATCH RETRIEVAL, IFF 5785-DCH, NOTICE
80	SB11-5382-0*		PARTIAL MATCH RETRIEVAL IFF 5785-DCH, DESCRIPTION/ OPERATIONS
33	GB11-5386-0*		8100 (DPCX)/3790 FAST SORT PROGRAM, IFF 5785-AAL, NOTICE
33	SB11-5387-0*		8100 (DPCX)/3790 FAST SORT PROGRAM, IFF 5785-AAL, DESCRIPTION/OPERATIONS
82	GB11-5389-0*		IBM VS APL - APLSV MULTIVARIATE DATA ANALYSIS PROGRAM, IFF 5787-FAE, -FAF, NOTICE
82	SB11-5390-0*		MULTIVARIATE DATA ANALYSIS PROGRAM, DESCRIPTION IFF 5787-FAE, -FAF, OPERATIONS
82	SB11-5391-0*		MULTIVARIATE DATA ANALYSIS PROGRAM, IFF 5787-FAF, -FAE, END USER'S GUIDE
82	LB11-5392-0*		MULTIVARIATE DATA ANALYSIS PROGRAM IFF 5787-FAE, -FAF, SYSTEMS GUIDE
80	GB11-5393-0*		STAIRS/VIS MULTIPLE INVERTED KEY ENVIRONMENT IFF 5785-DCE, NOTICE
79	GB11-5394-1*		FINANCIAL MANAGEMENT SYSTEM, MULTIPLE FINANCIAL APPLICATIONS, IFF 5785-NAC, NOTICE
79	**GB11-5395-1*		FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAC, INTRODUCTION
79	SB11-5396-0*		FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAC, DESCRIPTION/OPERATIONS VOLUME 1: OVERVIEW AND INPUT PROCEDURES
79	SB11-5397-0*	SN19-6667	FINANCIAL MANAGEMENT SYSTEM BATCH OUTPUT SYSTEM, IFF 5785-NAC, DESCRIPTION/OPERATIONS VOLUME 2
79	SB11-5398-0*	SN19-6763	FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAC DESCRIPTION/OPERATIONS VOLUME 3: EXITS
79	SB11-5399-0*		FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAC DESCRIPTION/OPERATIONS VOLUME 4: INSTALLATION AND SAMPLE PROBLEM
79	SB11-5400-0*		FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAC, DESCRIPTION/OPERATIONS VOLUME 5: DISPLAY SYSTEM
79	LB11-5401-0*		FINANCIAL MANAGEMENT SYSTEM, IFF 5785-NAL, SYSTEMS GUIDE
63	GB11-5416-0		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - MOVEMENTS AND STATUS REPORTING, IFF 5785-EAZ, NOTICE
63	SB11-5417-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM-MOVEMENTS AND STATUS REPORTING, IFF 5785-EAZ, DESCRIPTION/OPERATIONS
63	LB11-5418-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM MOVEMENTS AND STATUS REPORTING, IFF 5785-EAZ, SYSTEMS GUIDE
63	GB11-5419-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - SALES FORECASTING, IFF 5785-EBA, NOTICE
63	SB11-5420-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - SALES FORECASTING, IFF 5785-EBA, DESCRIPTION/OPERATIONS
63	LB11-5421-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - SALES FORECASTING, IFF 5785-EBA, SYSTEMS GUIDE
63	GB11-5422-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - STRATEGY PLANNING, IFF 5785-EBB, NOTICE
63	**SB11-5423-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM, STRATEGY PLANNING, FDP 5785-EBB, DESCRIPTION/OPERATIONS
63	**LB11-5424-0		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM, STRATEGY PLANNING, IFF 5785-EBB, SYSTEMS GUIDE
63	GB11-5425-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - REPLENISHMENT CONTROL, IFF 5785-EBC, NOTICE
63	**SB11-5426-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - REPLENISHMENT CONTROL, IFF 5785-EBC, DESCRIPTION/OPERATIONS
63	GB11-5428-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, NOTICE
63	SB11-5429-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, DESCRIPTION/OPERATIONS
63	LB11-5430-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, SYSTEMS GUIDE
63	GB11-5431-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM, IFF 5785-EAZ, -EBA, -EBB, -EBC, -EBD, APPLICATION DESCRIPTION
63	LB11-5432-0*		DISTRIBUTION MANAGEMENT INFORMATION SYSTEM - DATA BASE MAINTENANCE, IFF 5785-EBD, DATA BASE REFERENCE HANDBOOK
79	**GB11-5435-1*		VIRTUAL PAPER WRITER, IFF 5785-HAC OS/VS2 (MVS) JES2 TIME SHARING OPTION, NOTICE
79	**SB11-5436-1*		VIRTUAL PAPER WRITER, IFF 5785-HAC, DESCRIPTION/OPERATIONS
32	GB11-5442-0*		8100 (DPCX) 3790 DATA SERVICE UTILITY PROGRAM IFF 5785-DCL, NOTICE
32	SB11-5443-0*		8100 (DPCX) 3790 DATA SET UTILITY PROGRAM, 5785-DCL, DESCRIPTION/OPERATIONS
30	GB11-5446-0*		MAGNETIC CARDS TO 3730 ARCHIVE DISKETTE TEXT CONVERSION, IFF 5785-HAE, REL 7 MODIF 0 NOTICE
30	SB11-5446-0*		MAGNETIC CARDS TO 3730 ARCHIVE DISKETTE TEXT CONVERSION PROGRAM, IFF 5785-HAE, DESCRIPTION/OPERATIONS
79	SB11-5449-0*	SN19-6685	INTEGRATED PROCESSING OF DATA DNA TEXT, IFF 5785-DCT, DESCRIPTION/OPERATIONS
79	**SB11-5470-2*		INTEGRATED PROCESSING OF DATA AND TEXT, IFF 5785-DCX, -DDD, -DDG, USER'S GUIDE
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67	**SB11-5472-1*		SWISS APPLICATION PROGRAM EXTENDED, IFF 5785-LAK DESCRIPTION/OPERATIONS
67	**LB11-5473-1*		SWISS APPLICATION PROGRAM EXTENDED, IFF 5785-LAK, SYSTEMS GUIDE
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72	SB11-5475-0*		COPICS CUSTOMER ORDER SERVICING - DATA MANAGEMENT, IFF 5785-DCN DESCRIPTION/OPERATIONS

72	LB11-5476-0*		COPICS CUSTOMER ORDER SERVICING - DATA MANAGEMENT, IFP 5785-DCN, SYSTEMS GUIDE
72	SB11-5478-0*		COPICS CUSTOMER ORDER SERVICING - ORDER MANAGEMENT, IFP 5785-DCP, DESCRIPTION/OPERATIONS
72	LB11-5479-0*		COPICS CUSTOMER ORDER SERVICING - ORDER MANAGEMENT, IFP 5785-DCP, SYSTEMS GUIDE
73	GB11-5482-0		3800 PRESTIGE ELITE FONT, IFP 5785-AAN, NOTICE
73	SB11-5483-0*		3800 PRESTIGE ELITE FONT, IFP 5785-AAN, DESCRIPTION/OPERATIONS
64	GB11-5484-0*		DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -FAJ, -FAH, NOTICE
60	GB11-5485-0*		STRUCTURED DESIGN AND DOCUMENT FACILITY, -IFP, -FAF, -FAJ, NOTICE
60	SB11-5486-0*		STRUCTURED DESIGN AND DOCUMENTATION FACILITY BASE: IFP 5785-FAF, CONVERSATIONAL MONITOR SYSTEM INTERFACE: IFP 5785-FAJ, DESCRIPTION/OPERATIONS
64	**SB11-5490-0*		DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -DAB, -FAJ, FAK, -FAH, -FAL, LIBRARIANS GUIDE
64	**SB11-5491-0*		DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -DAB, -FAJ, -FAK, -FAH, -FAL, INSTALLATION AND OPERATIONS GUIDE
64	GB11-5492-0*		DORTMUND AND LEUVEN LIBRARY SYSTEMS, IFP 5787-DAA, -FAJ, -FAH, -DAB, -FAK, -FAL, NOTICE
64	SB11-5520-0*		INSTRUCTION MODULE GENERATOR, IFP 5785-AAF, USER'S GUIDE
72	GB11-5522-0*		COPICS IMPLEMENTATION, COPICS BILL OF MATERIAL ONLINE II, IFP 5785-GBA, NOTICE
72	GB11-5524-0*		COPICS IMPLEMENTATION, COPICS BILL OF MATERIAL BATCH UTILITIES II, IFP 5785-GBC, NOTICE
72	GB11-5526-0*		COPICS IMPLEMENTATION, COPICS PRODUCT COST CALCULATION II, IFP 5785-GBD, NOTICE
72	SB11-5527-0*		COPICS PRODUCT COST CALCULATION II, IFP 5785-GBD, DESCRIPTION/OPERATIONS
72	GB11-5528-0*		COPICS IMPLEMENTATION, COPICS INVENTORY ACCOUNTING II, IFP 5785-GBE, NOTICE
72	**SB11-5529-0		COPICS INVENTORY ACCOUNTING II, IFP 5785-GBE, DESCRIPTION/OPERATIONS
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72	SB11-5531-0*		COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING II, IFP 5785-GBF, DESCRIPTION/OPERATIONS
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72	SB11-5540-0*		COPICS PURCHASING, IFP 5785-GAX, DESCRIPTION OPERATIONS
72	GB11-5541-0		COPICS RECEIVING, IFP 5785-GAZ, NOTICE
72	SB11-5542-0*		COPICS RECEIVING, IFP 5785-GAZ, DESCRIPTION/OPERATIONS
80	**GB11-5543-2*		STAIRS/CONVERSATIONAL MONITOR SYSTEM, IFP 5785-CAH, NOTICE
80	SB11-5544-1*	SN19-6723	STORAGE AND INFORMATION RETRIEVAL SYSTEM/CONVERSATIONAL MONITOR SYSTEM, IFP 5785-CAH, DESCRIPTION/OPERATIONS
80	SB11-5545-1*	SN19-6722	STORAGE AND INFORMATION RETRIEVAL SYSTEM/CONVERSATIONAL MONITOR SYSTEM, IFP 5785-CAH, TERMINAL USER'S GUIDE
81	GB11-5559-0*		DISTRIBUTED TIME AND ATTENDANCE REPORTING 8100/DPPX HOST INTERFACE, IFP 5785-DDA, -DDB, NOTICE
81	**SB11-5560-1*		DISTRIBUTED TIME AND ATTENDANCE REPORTING 8100/DPPX HOST INTERFACE, IFP 5785-DDA, -DDB, DESCRIPTION/OPERATIONS
79	**SB11-5566-1*		INTEGRATED PROCESSING OF DATA AND TEXT, IFP 5785-DCX, -DDD, DESCRIPTION/OPERATIONS
73	GB11-5568-0*		TRANSPARENCY DESIGN PROGRAM, IFP 5785-HAF, NOTICE
73	**SB11-5569-0*		TRANSPARENCY DESIGN PROGRAM, IFP 5785-HAF, DESCRIPTION/OPERATIONS
79	**SB11-5570-1*		INDIVIDUAL LEARNING PACKAGE, IFP 5799-CAA, COMPUTER BASED TRAINING IMPLEMENTATION GUIDE
72	**GB11-5573-0*		ONLINE USER HELP FACILITY CICS/VS, IFP 5785-DCQ, NOTICE
72	**SB11-5574-0*		ONLINE USER HELP FACILITY, IFP 5785-DCQ, DESCRIPTION OPERATIONS
79	**GB11-5579-1*		A DEPARTMENTAL REPORTING SYSTEM II TRAINING, IFP 5779-CAA, INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, NOTICE
79	SB11-5580-0*		A DEPARTMENTAL REPORTING SYSTEM II TRAINING, IFP 5779-CAM, STUDENT TEXT
64	**GB11-5584-0*		DOS/VSE OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IFP 5779-EAA, NOTICE
64	SB11-5585-0*		DOS/VSE OPERATOR TRAINING, IFP 5779-EAA, STUDENT TEXT
64	GB11-5586-0*		OS/VSI OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IFP 5779-EAB, NOTICE
64	SB11-5587-0*		OS/VSI OPERATOR TRAINING, IFP 5779-EAB, STUDENT TEXT
64	GB11-5588-0*		MVS/JES2 OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IFP 5779-EAC, NOTICE
64	**SB11-5589-0*		MVS/JES2 OPERATOR TRAINING, IFP 5779-EAC, STUDENT TEXT
64	GB11-5590-0*		IMS/VS MASTER TERMINAL OPERATOR TRAINING: INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, IFP 5779-EAD, NOTICE
64	SB11-5591-0*		IMS/VS MASTER TERMINAL OPERATOR TRAINING, IFP 5779-EAD, STUDENT TEXT
64	GB11-5592-0*		IMS/VS MESSAGE FORMAT SERVICE TRAINING INDIVIDUAL LEARNING PACKAGE, IFP 5779-EAE, NOTICE
64	**SB11-5593-0*		IMS/VS MESSAGE FORMAT SERVICE TRAINING, IFP 5779-EAE, STUDENT TEXT
79	GB11-5610-0*		INTEGRATION AND PROCESSING OF DATA AND TEXT FOR END USERS, IFP 5785-DCX, -DDD, -DDG, NOTICE
63	**GB11-5617-0*		APPLICATION PROGRAM FOR SUPERMARKETS USING 3680, IFP 5785-DDH, AVAILABILITY NOTICE
63	**SB11-5618-0*		APPLICATION PROGRAM FOR SUPERMARKETS USING IBM 3680, IFP 5785-DDH, DESCRIPTION/OPERATIONS
72	**GB11-5619-0*		MULTIPLE SYSTEM EXTENSION FOR COPICS VERSION II BILL OF MATERIAL ONLINE II, BILL OF MATERIAL BATCH UTILITIES II, INVENTORY ACCOUNTING II, ADVANCED FUNCTION/MATERIAL REQUIREMENTS PLANNING II, PRODUCT COST CALCULATION II, IFP 5785-EBZ, NOTICE
72	**SB11-5620-0*		MULTIPLE SYSTEM EXTENSION FOR COPICS: BILL OF MATERIAL ONLINE II, BILL OF MATERIAL BATCH UTILITIES II, INVENTORY ACCOUNTING II, ADVANCED FUNCTION/MATERIAL REQUIREMENTS PLANNING II, PRODUCT COST CALCULATION II, IFP 5785-EBZ, DESCRIPTION/OPERATIONS
81	**GB11-5630-0*		STRUCTURED DESIGN AND DOCUMENTATION FACILITY (SDADF), IFP 5785-FAP, PRIMER



81	**SB11-5631-0*		STRUCTURED DESIGN AND DOCUMENTATION FACILITY, IFP 5785-FAP (TSO), USER'S GUIDE
81	**SB11-5632-0*		STRUCTURED DESIGN AND DOCUMENTATION FACILITY (SDADF), IFP 5785-FAP, INSTALLATION GUIDE
81	**SB11-5633-0*		STRUCTURED DESIGN AND DOCUMENTATION FACILITY (SDADF), IFP 5785-FAP, LIBRARIAN'S GUIDE
81	**GB11-5634-0*		STRUCTURED DESIGN AND DOCUMENTATION FACILITY TSO, IFP 5785-FAP, NOTICE
79	**GB11-5649-0*		TERMINAL USER TRAINING FOR 3278, 3279, 8775 TEACHWARE, IFP 5779-EAF, NOTICE
79	**GB11-5659-0*		VSE/VSAM AND ACCESS METHOD SERVICES TRAINING TEACHWARE, IFP 5779-EAG, NOTICE
79	**GB11-5660-0*		VM/SP OPERATOR TRAINING TEACHWARE, IFP 5779-EAH, NOTICE
79	**GB11-5661-0*		OS/VSE JOB CONTROL LANGUAGE TRAINING TEACHWARE, IFP 5779-EAJ, NOTICE
79	**GB11-5662-0*		END-USER PRODUCTS FOR THE INFORMATION CENTER TEACHWARE, IFP 5779-EAK, NOTICE
60	**GB11-5668-0*		APPLICATION PROTOTYPE ENVIRONMENT INTERACTIVE APPLICATION DESIGNED, IFP 5785-RAB
60	**SB11-5669-0		APPLICATION PROTOTYPE ENVIRONMENT, IFP 5785-RAB, DESCRIPTION/OPERATIONS
79	**GB11-5677-0*		ONLINE EDITORIAL SYSTEM-II, IFP 5785-GBP, NOTICE
72	**GB11-5685-0*		CIRCUIT BOARD DESIGN SYSTEM, IUP 5796-BBL, -BBN, -BBP, NOTICE
72	**GB11-5686-1*		COMPUTER-GRAPHICS AIDED THREE-DIMENSIONAL INTERACTIVE APPLICATION, LIC PROG 5796-PQG, -PHQ, -PQJ, -PQL, NOTICE
79	**GB11-5688-0*		ACCOUNTING TABLES, IFP 5785-LAL, NOTICE
79	**SB11-5689-0*		ACCOUNTING TABLES, IFP 5785-LAL, DESCRIPTION/OPERATIONS
79	**GB11-5693-0*		USER TRAINING FOR VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY, LIC PROG 5779-EAL, NOTICE
79	**GB11-5694-1*		USER TRAINING FOR THE CONVERSATIONAL MONITOR SYSTEM, LIC PROG 5779-EAN, NOTICE
79	**GB11-5695-0*		DOCUMENT COMPOSITION FACILITY TRAINING, IFP 5779-EAP, NOTICE
81	**GB11-5696-0*		APL DATA INTERFACE-II VSPC, IFP 5785-AAQ, NOTICE
79	**SB11-5708-0*		VIDEOTEK EDITOR AND COMMUNICATION SYSTEM, IFP 5785-DEA, -DEB, -DEC, DESCRIPTION/OPERATIONS
82	**GB11-5711-0*		PURE INTEGER PROGRAMMING/EXECUTOR, IFP 5785-GBX, NOTICE
82	**SB11-5712-0*		PURE INTEGER PROGRAMMING/EXECUTOR, IFP 5785-GBX, DESCRIPTION/OPERATIONS
79	**GB11-5713-0*		VIDEOTEK EDITOR AND COMMUNICATION SYSTEM, IFP 5785-DEA, -DEB, -DEC, NOTICE
81	**GB20-0058-1		A DEPARTMENTAL REPORTING SYSTEM II: QUICK REFERENCE CARD
82	GB21-0399-1		APL COORDINATE GEOMETRY SYSTEM, FDP 5798-AGF, NOTICE
82	SB21-0400-0		APL COORDINATE GEOMETRY SYSTEM, FDP 5798-AGF DESCRIPTION/OPERATIONS
82	LB21-0401-0		APL COORDINATE GEOMETRY SYSTEM: FDP 5798-AGF SYSTEMS GUIDE FEATURE NO. 8127
82	GB21-0408-2		ZEROS & INTEGRALS IN APL, FDP 5798-AGJ, NOTICE
82	LB21-0410-2		ZEROS & INTEGRALS IN APL, FDP 5798-AGJ, SYSTEMS GUIDE
64	LB21-0555-0		DOS BASIC OPERATOR TRAINING - SYSTEMS GUIDE FIELD DEVELOPED PROGRAM - PROGRAM NUMBER 5798-AJM
64	LB21-0558-0		DOS CUSTOMER PROBLEM DETERMINATION OPERATOR TRAINING, FDP 5798-AJN, SYSTEMS GUIDE
64	LB21-0561-0		DOS MULTIPROGRAMMING OPERATOR TRAINING, FDP 5798-AJP SYSTEMS GUIDE
67	GB21-0749-1		CUSTOMER INFORMATION FILE (CIF) USING CICS UNDER OS/VSE AVAILABILITY NOTICE - FDP NUMBER 5798-AMR
67	GB21-0764-1	GN20-6601	TELLER CONTROL SYSTEM UNDER CICS/DOS/360-370: FDP'S 5798-AND (ON-LINE) AND 5798-APX (OFF-LINE) NOTICE
67	LB21-0766-0		TELLER CONTROL SYSTEM UNDER CICS/DOS/360/370 ONLINE, FDP 5798-AND, SYSTEMS GUIDE
67	GB21-0776-0		TELLER CONTROL SYSTEM FOR S/370 (OS), FDP 5798-ANH, NOTICE
67	SB21-0777-0		TELLER CONTROL SYSTEM FOR S/370 (OS), FDP 5798-ANH, DESCRIPTION/OPERATIONS
67	LB21-0778-0		TELLER CONTROL SYSTEM FOR S/370 (OS), FDP 5798-ANH, SYSTEMS GUIDE
67	SB21-0852-0		TELLER CONTROL SYSTEM UNDER CICS/DOS/360/370 OFFLINE, FDP 5798-APX, DESCRIPTION/OPERATIONS
74	GB21-0935-1	GN20-6604	HEALTH CARE SUPPORT/ADMISSIONS SYSTEM FOR S/370, FDP 5798-ASZ, NOTICE
74	LB21-0937-0	LN20-6244	HEALTH CARE SUPPORT/ADMISSIONS SYSTEM FOR S/370, FDP 5798-ASZ, SYSTEMS GUIDE
74	SB21-0964-0	SN20-6402	HEALTH CARE SUPPORT/PATIENT HISTORY SYSTEM FOR S/370, FDP 5798-ATR, DESCRIPTION/OPERATIONS
74	LB21-0965-0		HEALTH CARE SUPPORT/PATIENT HISTORY SYSTEM FOR S/370, FDP 5798-AIR, SYSTEMS GUIDE
63	LB21-0986-0		APPAREL CUT SCHEDULING FOR S/3 MODEL 10 OR S/360/370 DOS, FDP 5798-AWA, SYSTEMS GUIDE
79	GB21-0987-0		ALPHA SEARCH INQUIRY SYSTEM/IMS INTERFACE, FDP 5798-AWB, NOTICE
79	SB21-0988-1		ALPHA SEARCH INQUIRY SYSTEM/IMS INTERFACE, FDP 5798-AWB, DESCRIPTION/OPERATIONS
79	LB21-0989-1		ALPHA SEARCH INQUIRY SYSTEM/IMS INTERFACE - FDP 5798-AWB SYSTEMS GUIDE
72	LB21-0998-0		PEGGED REQUIREMENTS/REQUIREMENTS PIANNING, SYSTEM/360/370 DOS, FDP 5798-AWE, SYSTEMS GUIDE
67	GB21-1038-1		CUSTOMER INFORMATION FILE (CIF) USING IMS DB/DC FOR S/370, FDP 5798-AWZ, NOTICE
79	GB21-1110-1	GN20-6609	VM/370 CONTROL AND ACCOUNTING PROGRAMS - FDP 5798-AYP NOTICE
79	SB21-1111-0		VM/370 CONTROL AND ACCOUNTING PROGRAMS - FDP 5798-AYP DESCRIPTION/OPERATIONS
79	GB21-1119-1		FIXED ASSET ACCOUNTING AND CONTROL SYSTEM - SYSTEM/370 DOS/VSE - FDP 5798-AYD, NOTICE
81	LB21-1139-0		STATISTICS GENERATING PACKAGE, FDP 5798-AYY, SYSTEMS GUIDE
74	LB21-1158-0		HEALTH CARE SUPPORT/PHARMACY INVENTORY CONTROL SYSTEM FDP 5798-AZJ SYSTEMS GUIDE
30	GB21-1285-2		3660 SUPERMARKET BATCH COMMUNICATIONS SUBSYSTEM FDP 5798-BBK, NOTICE

67	GB21-1327-0	GN20-6613	1419 FINE SORT, FDP 5798-BCN, NOTICE
67	SB21-1328-1		1419 FINE SORT, FDP 5798-BCN, DESCRIPTION/OPERATIONS
67	LB21-1329-0		1419 FINE SORT, FDP 5798-BCN, SYSTEMS GUIDE
81	GB21-1339-2		APL FINANCIAL PLANNING SYSTEM, FDP 5798-BDE, NOTICE
81	SB21-1340-1		APL FINANCIAL PLANNING SYSTEM, FDP 5798-BDE, DESCRIPTION/OPERATIONS
81	LB21-1341-1		APL FINANCIAL PLANNING SYSTEM, FDP 5798-BDE, SYSTEMS GUIDE
74	GB21-1345-0	GN20-6615	HEALTH CARE SUPPORT/REVENUE MANAGEMENT SYSTEM FDP 5798-BDG FDP AVAILABILITY NOTICE
74	SB21-1346-1		HEALTH CARE SUPPORT/REVENUE MANAGEMENT SYSTEM - 5798-BDG FDP PROGRAM DESCRIPTION/OPERATIONS MANUAL
74	LB21-1347-1		HEALTH CARE SUPPORT/REVENUE MANAGEMENT SYSTEM - FDP 5798-BDG FDP SYSTEMS GUIDE
79	LB21-1369-0		INTERACTIVE TRAINING SYSTEM/TCAM INTERFACE FDP 5798-BDP SYSTEMS GUIDE
67	GB21-1383-1	GN20-6617	3890 OS/VS OFF-LINE FINE SORT - FDP 5798-BDY, NOTICE
67	**SB21-1384-2		3890 OS/VS OFF-LINE FINE-SORT - FDP 5798-BDY, DESCRIPTION/OPERATIONS
79	GB21-1392-0	GN20-6618	ACCOUNTS PAYABLE FOR SYSTEM/370 DOS/VS, FDP 5798-CAC NOTICE
79	SB21-1393-1		ACCOUNTS PAYABLE FOR S/370 - FDP 5798-CAC, DESCRIPTION/OPERATIONS
79	LB21-1394-0	LN20-6417	ACCOUNTS PAYABLE FOR S/370 - FDP 5798-CAC, SYSTEMS GUIDE
79	GB21-1395-1		ACCOUNTS RECEIVABLE SYSTEM - S/370 DOS/VS - FDP 5798-CAE, NOTICE
79	SB21-1396-0	SN20-6409	ACCOUNTS RECEIVABLE SYSTEM - S/370 DOS/VS - FDP 5798-CAE, DESCRIPTION/OPERATIONS
79	LB21-1397-0	LN20-6410	ACCOUNTS RECEIVABLE SYSTEM - S/370 DOS/VS - FDP 5798-CAE, SYSTEMS GUIDE
67	GB21-1410-1	GN20-6619	CHECK PROCESSING SORT PATTERN GENERATOR - FDP 5798-CAH, NOTICE
67	SB21-1411-1		CHECK PROCESSING SORT PATTERN GENERATOR - FDP 5798-CAH, DESCRIPTION/OPERATIONS
79	GB21-1416-2	GN20-6622	DL/I BASIC PROGRAMMING COURSE - FDP 5798-CBA, NOTICE
79	SB21-1417-0	SN20-6437	DL/I BASIC PROGRAMMING COURSE - FDP 5798-CBA, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-1418-0	SN20-6438	DL/I BASIC PROGRAMMING COURSE - FDP 5798-CBA, STUDENT MATERIAL
79	GB21-1419-1	GN20-6621	3270 OPERATOR TRAINING COURSE USING INTERACTIVE TRAINING SYSTEM - FDP 5798-CAZ, NOTICE
67	GB21-1444-1	GN20-6623	3890 PROGRAM TESTING AID II, FDP 5798-CBG, NOTICE
67	SB21-1445-3		3890 OS/VS PROGRAM TESTING AID FDP 5798-CBG PROGRAM DESCRIPTION/OPERATIONS MANUAL
81	GB21-1453-0		PAYROLL MANAGEMENT SYSTEM FOR DOS/VS - FDP 5798-CBR, NOTICE
81	SB21-1454-1		PAYROLL MANAGEMENT SYSTEM FOR DOS/VS - FDP 5798-CBR, DESCRIPTION/OPERATIONS
65	GB21-1465-1+		PDQ7V2 FOR SYSTEM/370, FDP 5798-CBT NOTICE
65	SB21-1466-1		PDQ7V2 FOR SYSTEM/370, FDP 5798-CBT DESCRIPTION/OPERATIONS
74	GB21-1468-0		HEALTH CARE SUPPORT/DL/1 - APPOINTMENT SCHEDULING - FDP 5798-CCA, NOTICE
74	SB21-1469-2		HEALTH CARE SUPPORT/DL/1 - APPOINTMENT SCHEDULING - FDP 5798-CCA, DESCRIPTION/OPERATIONS
74	LB21-1470-0		HEALTH CARE SUPPORT/DL/1 - APPOINTMENT SCHEDULING - FDP 5798-CCA, SYSTEMS GUIDE
74	GB21-1471-2	GN20-6625	HCS/DL/1 - PATIENT REGISTRATION SYSTEM - FDP 5798-CCB, NOTICE
74	SB21-1472-0		HCS/DL/1 - PATIENT REGISTRATION SYSTEM - FDP 5798-CCB DESCRIPTION/OPERATIONS
74	LB21-1473-0		HCS/DL/1 - PATIENT REGISTRATION SYSTEM - FDP 5798-CCB, SYSTEMS GUIDE
74	**GB21-1474-3	GN20-6626	HCS/DL/I ADMISSIONS
74	SB21-1475-1		HCS/DL/I - ADMISSION SYSTEM - FDP 5798-CCC, DESCRIPTION/OPERATIONS
74	LB21-1476-0		HCS/DL/1 - ADMISSION SYSTEM - FDP 5798-CCC, SYSTEMS GUIDE
74	LB21-1479-0		HCS/DL/I - ORDER COMMUNICATIONS SYSTEM EXTENSION - FDP 5798-CCD, SYSTEMS GUIDE
78	GB21-1486-1		FLEET DATA BASE REPORTING SYSTEM - FDP 5798-CBW, NOTICE
78	SB21-1487-0		FLEET DATA BASE REPORTING SYSTEM - FDP 5798-CBW, DESCRIPTION/OPERATIONS
78	LB21-1488-0		FLEET DATA BASE REPORTING SYSTEM, FDP 5798-CBW, SYSTEMS GUIDE
81	GB21-1495-0		BATCH QUERY FACILITY, S/370 DOS/VS, FDP 5798-CBY, NOTICE
81	SB21-1496-0		BATCH QUERY FACILITY, S/370 DOS/VS, FDP 5798-CBY, DESCRIPTION/OPERATIONS
81	LB21-1497-0		BATCH QUERY FACILITY, S/370 DOS/VS, FDP 5798-CBY, SYSTEMS GUIDE
79	GB21-1501-0		ALPHA SEARCH INQUIRY SYSTEM/M.T.C.S. INTERFACE, FDP 5798-CKK NOTICE
67	GB21-1516-0		S/370 CASH APPLICATION TERMINAL SYSTEM, MINIMUM TELE-COMMUNICATIONS, FDP 5798-CDF, NOTICE
67	LB21-1518-0		S/370 CASH APPLICATION TERMINAL SYSTEM, MINIMUM TELE-COMMUNICATIONS, FDP 5798-CDF, SYSTEMS GUIDE
79	GB21-1525-0		GENERAL LEDGER & FINANCIAL ANALYSIS FOR S/370 DOS/VS, FDP 5798-CCZ, NOTICE
79	SB21-1526-0		GENERAL LEDGER & FINANCIAL ANALYSIS FOR S/370 DOS/VS, FDP 5798-CCZ, DESCRIPTION/OPERATIONS
79	LB21-1527-0		GENERAL LEDGER AND FINANCIAL ANALYSIS FOR S/370 DOS/VS FDP 5798-CCZ, SYSTEMS GUIDE
67	GB21-1540-1		DL/I DOS/VS SUPPORT FOR THE CUSTOMER INFORMATION FILE - FDP 5798-CDE, NOTICE
67	SB21-1553-1		INTEGRATED FINANCIAL SYSTEM/CUSTOMER INFORMATION FILE - DOS/VS - FDP 5798-CCL, DESCRIPTION/OPERATIONS
67	SB21-1555-0		INTEGRATED FINANCIAL SYSTEM/DEMAND DEPOSIT ACCOUNTING DOS/VS - FDP 5798-CCN, DESCRIPTION/OPERATIONS
67	LB21-1556-0		INTEGRATED FINANCIAL SYSTEM/DEMAND DEPOSIT ACCOUNTING DOS/VS - FDP 5798-CCN, SYSTEMS GUIDE
67	SB21-1557-0	SN20-6301	INTEGRATED FINANCIAL SYSTEM/INSTALLMENT LOAN ACCOUNTING DOS/VS - FDP 5798-CCP, DESCRIPTION/OPERATIONS
67	LB21-1558-0		INTEGRATED FINANCIAL SYSTEM/INSTALLMENT LOAN ACCOUNTING DOS/VS FDP 5798-CCP, SYSTEMS GUIDE
67	LB21-1560-0		INTEGRATED FINANCIAL SYSTEM/SAVINGS ACCOUNTING DOS/VS FDP 5798-CCQ, SYSTEMS GUIDE
67	GB21-1569-1		CERTIFICATE OF DEPOSIT ACCOUNTING FOR S/370 - FDP 5798-CDP,

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67	SB21-1570-0		CERTIFICATE OF DEPOSIT ACCOUNTING FOR S/370 DOS/V5 - FDP 5798-CDP, DESCRIPTION/OPERATIONS
67	LB21-1571-0		CERTIFICATE OF DEPOSIT ACCOUNTING FOR S/370 - FDP 5798-CDP, SYSTEMS GUIDE
67	GB21-1575-0		INVESTMENT ADVISORY PACKAGE FOR DOS/V5, FDP 5798-CDQ, NOTICE
67	SB21-1576-0		INVESTMENT ADVISORY PACKAGE FOR DOS/V5, FDP 5798-CDQ, DESCRIPTION/OPERATIONS
74	SB21-1585-2		HCS/DL/1 - PATIENT REGISTRATION SYSTEM - FDP 5798-CCB INSTALLATION GUIDE
79	GB21-1589-1		BASIC AUTHOR TRAINING, FDP 5798-CEB, NOTICE
79	SB21-1590-0		BASIC AUTHOR TRAINING FOR THE INTERACTIVE TRAINING-SYSTEM - FDP 5798-CEB, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-1591-1		BASIC AUTHOR TRAINING FOR THE INTERACTIVE TRAINING SYSTEM FDP 5798-CEB, COURSE DESCRIPTION/ADMINISTRATION
67	GB21-1595-0		3614 CONSUMER ON-LINE TRANSACTION SYSTEM - FDP 5798-CDY, NOTICE
67	GB21-1598-0		3600 FINANCE APPLICATION PROGRAM, FDP 5798-CDX, NOTICE
67	LB21-1600-1		3600 FINANCE APPLICATION PROGRAM, FDA 5798-CDX, SYSTEMS GUIDE
79	GB21-1607-0		BATCH INPUT EDIT FOR INTERACTIVE TRAINING SYSTEM, FDP 5798-CEF, NOTICE
70	GB21-1610-0		ON-LINE BUDGET ACCOUNTING INFORMATION SYSTEM - FDP 5798-CEG, NOTICE
70	SB21-1611-1		ON-LINE BUDGET ACCOUNTING INFORMATION SYSTEM - FDP 5798-CEG, DESCRIPTION/OPERATIONS
67	GB21-1622-1		CUSTOMER INFORMATION FILE/TELLER CONTROL SYSTEM SUPPORT OF THE IBM 3600 FINANCE COMMUNICATION SYSTEM USING CICS/DOS/V5 (5798-CEK) FDP AVAILABILITY NOTICE
79	GB21-1647-1		EXTENDED AUTHOR TRAINING FOR THE INTERACTIVE SYSTEM, FDP 5798-CEX, NOTICE
79	SB21-1648-0		EXTENDED AUTHOR TRAINING FOR THE INTERACTIVE TRAINING SYSTEM - FDP 5798-CEX, COURSE DESCRIPTION/ADMINISTRATION
81	GB21-1650-0		MANPOWER MANAGEMENT, FDP 5798-CEY, NOTICE
81	SB21-1651-0		MANPOWER MANAGEMENT, FDP 5798-CEY, DESCRIPTION/OPERATIONS VOLUME 1
81	SB21-1652-0		MANPOWER MANAGEMENT, FDP 5798-CEY, DESCRIPTION/OPERATIONS VOLUME 2
63	GB21-1656-1		3650 RETAIL BATCH COMMUNICATION SUBSYSTEM RELEASE 2 EXTENSION, FDP 5798-CFA, NOTICE
63	LB21-1658-0		3650 RETAIL BATCH COMMUNICATION SUBSYSTEM RELEASE 2 EXTENSION - FDP 5798-CFA, SYSTEMS GUIDE
67	GB21-1662-2	GN20-6630	3890 DOS/VSE OFF-LINE FINE SORT II, FDP 5798-CFD, NOTICE
67	SB21-1663-0		3890 DOS/V5 OFF-LINE FINE SORT FDP 5798-CFD DESCRIPTION/OPERATIONS
79	GB21-1665-1		DL/I ADVANCED PROGRAMMING COURSE, FDP 5798-CFC, NOTICE
79	SB21-1666-0		DL/I ADVANCED PROGRAMMING COURSE - FDP 5798-CFC COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SB21-1667-2		DL/I ADVANCED PROGRAMMING COURSE - FDP 5798-CFC STUDENT MATERIALS
79	LB21-1670-0		UPPER/LOWER CASE LETTER WRITER - DOS/V5 FDP 5798-CFF, SYSTEMS GUIDE
63	GB21-1674-0		INVENTORY FORECASTING & REPLENISHMENT MODULES, FDP 5798-CFH, NOTICE
63	SB21-1675-1		INVENTORY FORECASTING & REPLENISHMENT MODULES, FDP 5798-CFH, NOTICE
79	GB21-1677-0		ALPHA SEARCH INQUIRY SYSTEM/ONLINE UPDATE - FDP 5798-CFJ, NOTICE
79	SB21-1678-1		ALPHA SEARCH INQUIRY SYSTEM/ONLINE UPDATE - FDP 5798-CFJ, DESCRIPTION/OPERATIONS
81	LB21-1689-0		MANPOWER MANAGEMENT - FDP 5798-CEY, SYSTEMS GUIDE
81	GB21-1705-0		APL/CMS FINANCIAL PLANNING SYSTEM - FDP 5798-CFX, NOTICE
81	LB21-1706-0		APL/CMS FINANCIAL PLANNING SYSTEM - FDP 5798-CFX SYSTEMS GUIDE
31	GB21-1707-0		3790 DATA ENTRY FORMAT GENERATOR - FDP 5798-CFZ, NOTICE
30	GB21-1713-0		3790 BATCH TRANSMISSION SERVICES, FDP 5798-CGB NOTICE
74	GB21-1729-1		HEALTH CARE SUPPORT/DL/I - OS PATIENT REGISTRATION SYSTEM - FDP 5798-CGE, NOTICE
74	SB21-1730-0		HEALTH CARE SUPPORT/DL/I - OS PATIENT REGISTRATION SYSTEM - FDP 5798-CGE, DESCRIPTION/OPERATIONS
74	GB21-1732-0		HEALTH CARE SUPPORT/DL/I - OS ADMISSIONS SYSTEM - FDP 5798-CGF, NOTICE
74	SB21-1733-0		HEALTH CARE SUPPORT/DL/I-OS ADMISSIONS SYSTEM - FDP 5798-CGF DESCRIPTION/OPERATIONS
74	GB21-1737-0		STANDALONE HOSPITAL OUTPATIENT BILLING 3741 FDP 5798-NEW NOTICE (DP VERSION)
74	GB21-1743-0		HEALTH CARE SUPPORT/DL/I - OS ORDER COMMUNICATIONS - FDP 5798-CGK, NOTICE
64	GB21-1746-0		EPIC: FAST - INSTRUCTOR GENERATED TESTS - FDP 5798-CGJ, NOTICE
79	GB21-1763-1	GN20-6633	IMS DC PROGRAMMING COURSE - FDP 5798-CGX, NOTICE
79	SB21-1764-0		IMS DC PROGRAMMING COURSE - FDP 5798-CGX, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-1765-0		IMS DC PROGRAMMING COURSE - FDP 5798-CGX, STUDENT MATERIALS
67	GB21-1781-0		3890 CYCLE SORT, FDP 5798-CHD, NOTICE
67	SB21-1782-0		3890 CYCLE SORT, FDP 5798-CHD DESCRIPTION/OPERATIONS
67	GB21-1789-0		CHECK PROCESSING ARCHIVE RETRIEVAL SYSTEM USING CPCS/3890 AND 3850 MASS STORAGE FACILITY FDP 5798-CHH, NOTICE
67	SB21-1790-0	SN20-6501	CHECK PROCESSING ARCHIVE RETRIEVAL SYSTEM USING CPCS/3890 AND 3850 MASS STORAGE FACILITY, FDP 5798-CHH DESCRIPTION/OPERATIONS
70	GB21-1801-1		JUSTICE DATA BASE, FDP 5798-CHP, NOTICE
79	SB21-1827-0		BASIC VSAM TRAINING FOR DB/DC USERS - FDP 5798-CJE, STUDENT MATERIALS
79	GB21-1831-1	GN20-6640	BASIC OS JCL TRAINING - FDP 5798-CJC, NOTICE
79	SB21-1833-0		BASIC OS JCL TRAINING - FDP 5798-CJC, STUDENT MATERIALS
81	SB21-1846-0		APL/CMS FINANCIAL PLANNING SYSTEM - FDP 5798-CFX, DESCRIPTION/OPERATIONS
37	SB21-1852-0		3600 STATISTICS AND MESSAGE LOG REPORTING, FDP 5798-CLC, DESCRIPTION/OPERATIONS
37	LB21-1853-0		3600 STATISTICS AND MESSAGE LOG REPORTING, FDP 5798-CLC, SYSTEMS GUIDE

30	LB21-1861-0		3660 SUPERMARKET BATCH COMMUNICATION SUBSYSTEM/ADVANCED SCHEDULING ENVIRONMENT- FDP 5798-CJQ, SYSTEMS GUIDE
74	GB21-1869-0		3790 HEALTH CARE DISTRIBUTED SUPPORT, ADMISSIONS SYSTEM, FDP 5798-CJW, NOTICE
80	SB21-1873-1		LEARN II, OPERATOR TRAINING FOR ATMS, FDP 5798-CJR STUDENT MATERIALS 3270 WORKBOOK
80	GB21-1880-0		ATMS BATCH BACKUP, FDP 5798-CJY, NOTICE
80	SB21-1881-0	SN20-6546	ATMS BATCH BACKUP, FDP 5798-CJY, DESCRIPTION/OPERATIONS
72	LB21-1890-0		BILL OF MATERIAL SYSTEM - FDP 5798-CKC, SYSTEMS GUIDE
72	LB21-1919-0	LN20-6494	ONLINE BILL OF MATERIALS, CICS/VS, FDP 5798-CKP, SYSTEMS GUIDE
63	GB21-1921-0		CASHIER ASSIGNMENT SYSTEM, FDP 5798-CKQ, NOTICE
63	SB21-1922-0		CASHIER ASSIGNMENT SYSTEM, FDP 5798-CKQ, DESCRIPTION/OPERATIONS
63	LB21-1923-0		CASHIER ASSIGNMENT SYSTEM, FDP 5798-CKQ, SYSTEMS GUIDE
79	GB21-1924-1	GN20-6645	INTRODUCTION TO TSO, FDP 5798-CKT, NOTICE
79	GB21-1927-1		USING TSO EFFECTIVELY - FDP 5798-CKW, NOTICE
79	SB21-1928-0		USING TSO EFFECTIVELY - FDP 5798-CKW, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-1929-1		USING TSO EFFECTIVELY - FDP 5798-CKW, STUDENT MATERIALS
79	GB21-1930-1	GN20-6647	COBOL INTERACTIVE DEBUG TRAINING COURSE FDP 5798-CKX, NOTICE
79	SB21-1931-0		COBOL INTERACTIVE DEBUG TRAINING COURSE - FDP 5798-CKX, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-1932-0		COBOL INTERACTIVE DEBUG TRAINING COURSE - FDP 5798-CKX STUDENT MATERIALS MANUAL
79	GB21-1933-0	GN20-6648	IMS/VS MESSAGE FORMAT SERVICES TRAINING, FDP 5798-CKY NOTICE
79	SB21-1934-0		IMS/VS MESSAGE FORMAT SERVICES TRAINING, FDP 5798-CKY, COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SB21-1935-2		IMS/VS MESSAGE FORMAT SERVICES TRAINING, FDP 5798-CKY, STUDENT MATERIALS COURSE BOOK
30	GB21-1939-0		3600 DATA ENTRY, FDP 5798-CLA, NOTICE
30	SB21-1940-0		3600 DATA ENTRY, FDP 5798-CLA, DESCRIPTION/OPERATIONS
73	GB21-1942-0		3800 BOLDFACE PRINT PROGRAM, FDP 5798-CKR, NOTICE
73	SB21-1943-1		3800 BOLDFACE PRINT PROGRAM, FDP 5798-CKR, DESCRIPTION/OPERATIONS
67	GB21-1948-1	GN20-6649	CHECK PROCESSING CONTROL SYSTEM (CPCS) ONLINE ADJUSTMENTS II, FDP 5798-CLD, NOTICE
67	SB21-1949-1		CPCS ON-LINE ADJUSTMENTS FDP 5798-CLD DESCRIPTION/OPERATIONS
37	GB21-1951-0		3600 STATISTICS AND MESSAGE LOG REPORTING, FDP 5798-CLC, NOTICE
67	GB21-1954-0	GN20-6650	3600 FINANCE APPLICATION PROGRAM II, FDP 5798-CLE, NOTICE
67	LB21-1956-0		3600 FINANCE APPLICATION PROGRAM II - FDP 5798-CLE, SYSTEMS GUIDE
67	GB21-1966-0	GN20-6651	3890 ON-US EDITING - FDP 5798-CLJ, NOTICE
67	* SB21-1967-1		3890 ON-US EDITING, FDP 5798-CLJ, DESCRIPTION/OPERATIONS
36	GB21-1984-0		HIERARCHICAL MONITOR SYSTEM FOR THE IBM 3600, FDP 5798-CLT, NOTICE
36	SB21-1985-1		HIERARCHICAL MONITOR SYSTEM FOR THE IBM 3600 - FDP 5798-CLT, DESCRIPTION/OPERATIONS
72	GB21-2008-0		MATERIAL REQUIREMENTS PLANNING - DL/I-DOS/VS, FDP 5798-CNF, NOTICE
72	GB21-2011-0		MATERIAL REQUIREMENTS PLANNING, IMS/VS, FDP 5798-CNE, NOTICE
37	GB21-2017-0		PROGRAM VALIDATION SERVICES (PVS) UNDER CICS/VS FDP 5798-CNG, NOTICE
37	SB21-2018-0		PROGRAM VALIDATION SERVICES (PVS) UNDER CICS/VS FDP 5798-CNG, DESCRIPTION/OPERATIONS
30	GB21-2035-1		3790 QUERY PROGRAM, FDP 5798-CNR, AVAILABILITY NOTICE
30	SB21-2036-1		3790 QUERY PROGRAM, FDP 5798-CNR, DESCRIPTION/OPERATIONS
30	SB21-2037-1		3790 QUERY PROGRAM, FDP 5798-CNR, TERMINAL OPERATOR'S GUIDE
80	GB21-2038-0		STAIRS TO ATMS DOCUMENT TRANSFER - FDP 5798-CNT, NOTICE
67	GB21-2041-0		CICS/VS INTERFACE TO CHECK PROCESSING ARCHIVE RETRIEVAL, FDP 5798-CNW, NOTICE
67	SB21-2042-0		CICS/VS INTERFACE TO CHECK PROCESSING ARCHIVE RETRIEVAL, FDP 5798-CNW, DESCRIPTION/OPERATIONS
32	GB21-2053-1	GN20-6658	3790 DISK UTILITY PROGRAM, FDP 5798-CPA, NOTICE
32	SB21-2054-1	SN20-6529	3790 DISK UTILITY PROGRAM, FDP 5798-CPA, DESCRIPTION/OPERATIONS
74	GB21-2062-0		HEALTH CARE SUPPORT/DL/1 - OS PHARMACY ORDER ENTRY, FDP 5798-CPB, NOTICE
32	GB21-2073-0		3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG, NOTICE
32	SB21-2074-1		3790/3770 PVS DATA SET TEST SUPPORT, FDP 5798-CPG, DESCRIPTION/OPERATIONS
81	GB21-2076-0		GRAPHICAL DISPLAYS - CICS/VS, FDP 5798-CPJ, NOTICE
81	SB21-2077-0		GRAPHICAL DISPLAYS - CICS/VS, FDP 5798-CPJ, DESCRIPTION/OPERATIONS
67	GB21-2093-1		IBM 3614 CONSUMER ON-LINE TRANSACTION SYSTEM - EXTENDED APPLICATION SUPPORT - FDP 5798-CPT, NOTICE
67	SB21-2094-1		IBM 3614 CONSUMER ON-LINE TRANSACTION SYSTEM - EXTENDED APPLICATION SUPPORT - FDP 5798-CPT, DESCRIPTION/OPERATIONS
67	LB21-2095-1		IBM 3614 CONSUMER ON-LINE TRANSACTION SYSTEM - EXTENDED APPLICATION SUPPORT - FDP 5798-CPT, SYSTEMS GUIDE
67	SB21-2096-0		IBM 3614 CONSUMER ON-LINE TRANSACTION SYSTEM - EXTENDED APPLICATION SUPPORT - FDP 5798-CPT, TERMINAL USER'S GUIDE
67	SB21-2098-0		BANK COMPARISON APPLICATION FOR TREND ANALYSIS/370, FDP 5798-CPW, DESCRIPTION/OPERATIONS
67	LB21-2099-0		BANK COMPARISON APPLICATION FOR TREND ANALYSIS/370, FDP 5798-CPW, SYSTEMS GUIDE
83	GB21-2106-0	GN20-6661	TPNS SCRIPT GENERATOR, FDP 5798-CPZ, AVAILABILITY NOTICE
83	SB21-2107-0	SN20-6517	TPNS SCRIPT GENERATOR, FDP 5798-CPZ, DESCRIPTION/OPERATIONS
80	GB21-2109-1		OS/VS ATMS II SUPPORT FOR THE IBM 6640 DOCUMENT PRINTER, FDP 5798-CQA; FOR OFFICE SYSTEM 6, FDP 5798-CTB, NOTICE
80	SB21-2110-2	SN20-6533	OS/VS ATMS II SUPPORT FOR THE IBM 6640 DOCUMENT PRINTER, FDP 5798-CQA; FOR SYSTEM 6, FDP 598-CTB, DESCRIPTION/OPERATIONS
80	SB21-2111-2	SN20-6534	OS/VS ATMS II SUPPORT FOR THE IBM 6640 DOCUMENT PRINTER, FDP 5798-CQA; FOR OFFICE SYSTEM 6, 5798-CTB TERMINAL USER GUIDE
30	GB21-2112-0		3760 BATCH DATA TRANSFER UNDER CICS/VS, FDP 5798-CQB, NOTICE
30	SB21-2113-0		IBM 3760 BATCH DATA TRANSFER UNDER CICS/VS, FDP 5798-CQB, DESCRIPTION/OPERATIONS
30	GB21-2115-0		IBM 3660 ADVANCED SCHEDULING ENVIRONMENT FOR CICS/VS, FDP 5798-CQC, NOTICE
67	GB21-2123-0		FINANCIAL INFORMATION SYSTEM/BUDGET AND ACCOUNTING SUBSYSTEM

67	SB21-2124-0		(FIS/BACIS), FDP 5798-CQF, NOTICE FINANCIAL INFORMATION SYSTEM/BUDGET AND ACCOUNTING SUBSYSTEM
67	LB21-2125-0		(FIS/BACIS), FDP 5798-CQF, DESCRIPTION/OPERATIONS FINANCIAL INFORMATION SYSTEM/BUDGET AND ACCOUNTING SUBSYSTEM
67	GB21-2132-1		(FIS/BACIS), FDP 5798-CQF, SYSTEMS GUIDE
67	SB21-2133-1		IBM 3614 USAGE REPORTING SYSTEM, FDP 5798-CQK, NOTICE IBM 3614 USAGE REPORTING SYSTEM, FDP 5798-CQK, DESCRIPTION/OPERATIONS
67	GB21-2134-0		TELLER STATISTICS SUBSYSTEM, FDP 5798-CQL, NOTICE
32	GB21-2159-0	GN20-6667	3770/3790 ASSEMBLER LISTING POST EDITOR, FDP 5798-CQZ NOTICE
32	SB21-2160-1		3770/3790 ASSEMBLER LISTING POST EDITOR, FDP 5798-CQZ, DESCRIPTION/OPERATIONS
72	GB21-2162-0		DL/I DOS/VIS MATERIAL REQUIREMENTS PLANNING ENHANCEMENTS, FDP 5798-CRA, AVAILABILITY NOTICE
67	* * GB21-2165-0		3890 DOS/VIS CYCLE SORT, FDP 5798-CQX, NOTICE
67	* * SB21-2166-0		3890 DOS/VIS CYCLE SORT, FDP 5798-CQX, DESCRIPTION/OPERATIONS
79	GB21-2167-0	GN20-6668	BUSINESS GRAPHING ON THE IBM 3800, FDP 5798-CRB, NOTICE
79	SB21-2168-1		BUSINESS GRAPHING ON THE IBM 3800, FDP 5798-CRB, DESCRIPTION/OPERATIONS
79	LB21-2169-1		BUSINESS GRAPHING ON THE IBM 3800, FDP 5798-CRB, SYSTEMS GUIDE
67	* * GB21-2170-0	GN20-6669	3890 ON-LINE FINE SORT, FDP 5798-CRC, NOTICE
67	* * SB21-2171-1		3890 ON-LINE FINE SORT, FDP 5798-CRC, DESCRIPTION/OPERATIONS
30	GB21-2176-0		3790 KEY SEQUENTIAL FILE MACROS, FDP 5798-CRG, NOTICE
30	SB21-2177-0		3790 KEY SEQUENTIAL FILE MACROS, FDP 5798-CRG, DESCRIPTION/OPERATIONS
32	GB21-2182-0		3790 DISKETTE UTILITY, FDP 5798-CRF, NOTICE
32	SB21-2183-0		3790 DISKETTE UTILITY, FDP 5798-CRF, DESCRIPTION/OPERATIONS
79	GB21-2187-0	GN20-6670	PL/I PROGRAMMING, FDP 5798-CRJ, AVAILABILITY NOTICE
79	SB21-2188-0	SN20-6552	PL/I PROGRAMMING, FDP 5798-CRJ, COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SB21-2189-0		PL/I PROGRAMMING, FDP 5798-CRJ, STUDENT MATERIALS MANUAL
73	SB21-2192-0		3800 INTERACTIVE CHARACTER DESIGN, FDP 5798-CRK, -CTH, -CTJ, -CTK, DESCRIPTION/OPERATIONS
73	LB21-2193-0		3800 INTERACTIVE CHARACTER DESIGN, FDP 5798-CRK, CTK, CTH, CTJ, SYSTEMS GUIDE
81	GB21-2197-0		PURCHASE VS LEASE UNDER PLANCODE/I, FDP 5798-CRN, NOTICE
81	SB21-2198-0		PURCHASE VS LEASE UNDER PLANCODE/I, FDP 5798-CRN, DESCRIPTION/OPERATIONS
79	SB21-2201-0		BASIC AUTHOR TRAINING, FDP 5798-CEB, COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SB21-2202-1	SN20-6565	BASIC AUTHOR TRAINING, FDP 5798-CEB, STUDENT MATERIALS
30	GB21-2206-0		REMOTE IBM 3600 CONTROL FACILITY, FDP 5798-CRR, NOTICE
30	SB21-2207-0		REMOTE IBM 3600 CONTROL FACILITY, FDP 5798-CRR, DESCRIPTION/OPERATIONS
67	LB21-2208-0		FINANCIAL INFORMATION SYSTEM/ONLINE BACIS, FDP 5798-CRW, SYSTEMS GUIDE
67	GB21-2209-1		FINANCIAL INFORMATION SYSTEM/ONLINE BACIS, FDP 5798-CRW, AVAILABILITY NOTICE
67	SB21-2210-0		FINANCIAL INFORMATION SYSTEM/ONLINE BACIS, FDP 5798-CRW, DESCRIPTION/OPERATIONS
63	GB21-2219-0		3800 UPC PRINT, FDP 5798-CTA, NOTICE
63	SB21-2220-1		3800 UPC PRINT, FDP 5798-CTA, DESCRIPTION/OPERATIONS
63	GB21-2222-0	GN20-6671	SLSS CONTROL, FDP 5798-CTE, NOTICE
63	SB21-2223-0	SN20-6536	SLSS CONTROL, FDP 5798-CTE, DESCRIPTION/OPERATIONS
79	LB21-2238-0		ONLINE STORES INVENTORY ACCOUNTING, FDP 5798-CIT, SYST GUIDE
83	GB21-2239-0		TPNS LOG FORMAT, FDP 5798-CTX, NOTICE
83	SB21-2240-1		TPNS LOG FORMAT, FDP 5798-CTX, DESCRIPTION/OPERATIONS
67	GB21-2241-0		BASIC TELLER SYSTEM, FDP 5798-CTQ, -CXR, NOTICE
67	SB21-2242-0		BASIC TELLER SYSTEM, FDP 5798-CTQ, -CXL, DESCRIPTION/OPERATIONS
81	GB21-2244-0		CORMES DMS/VIS DOS/VIS INTERFACE, FDP 5798-CTR, NOTICE
81	SB21-2245-0		CORMES DMS/VIS DOS/VIS INTERFACE, FDP 5798-CTR, DESCRIPTION/OPERATIONS
67	GB21-2264-0	GN20-6674	CPCS ON-LINE REJECT/RE-ENTRY TESTING AID, FDP 5798-CWE, NOTICE
67	SB21-2265-1		CPCS ON-LINE REJECT/RE-ENTRY TESTING AID, FDP 5798-CWE, DESCRIPTION/OPERATIONS
81	SB21-2270-0		TREND ANALYSIS/370 UNDER CICS/VIS, FIELD DEVELOPED PROGRAM, OPERATIONS GUIDE
63	GB21-2273-0		IBM 3650 STORE-PRODUCED ACCOUNTING REPORT CUSTOMIZER, FDP 5798-CWG, NOTICE
63	SB21-2274-0		IBM 3650 STORE-PRODUCED ACCOUNTING REPORT CUSTOMIZER, FDP 5798-CWG, DESCRIPTION/OPERATIONS
63	LB21-2275-0		IBM 3650 STORE-PRODUCED ACCOUNTING REPORT CUSTOMIZER, FDP 5798-CWG, SYSTEMS GUIDE
67	GB21-2276-1		3890 ON-LINE FINESORT - DOS/VIS, FDP 5798-CWR, NOTICE
67	SB21-2277-0	SN20-6573	3890 ON-LINE FINE SORT - DOS/VIS, FDP 5798-CWR, DESCRIPTION/OPERATIONS
79	**GB21-2290-1		3276/3278 OPERATOR TRAINING, FDP 5798-CWZ, AVAILABILITY NOTICE
79	**SB21-2291-1		3276/3278 OPERATOR TRAINING, FDP 5798-CWZ, COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SB21-2292-0		3276/3278 OPERATOR TRAINING, FDP 5798-CWZ, STUDENT MATERIALS MANUAL
81	GB21-2299-0		TREND ANALYSIS/370 UNDER CICS/VIS, FDP 5798-CWQ, NOTICE
81	SB21-2300-0		TREND ANALYSIS/370 UNDER CICS/VIS, FDP 5798-CWQ, PROGRAM REFERENCE
81	LB21-2301-0		TREND ANALYSIS/370 UNDER CICS/VIS, FDP 5798-CWQ, LOGIC
72	GB21-2311-2		COPICS ROUTING DATA CONTROL, FDP 5798-CXE, NOTICE
72	SB21-2312-2		COPICS ROUTING DATA CONTROL, FDP 5798-CXE, DESCRIPTION/OPERATIONS
79	GB21-2314-0		3800 REPORT FORMAT & SEGMENTATION PROGRAM, FDP 5798-CXF, NOTICE
79	LB21-2316-1		3800 REPORT FORMAT & SEGMENTATION PROGRAM, FDP 5798-CXF, SYSTEMS GUIDE
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67	SB21-2318-0		ROUTING-TRANSIT CHECK DIGIT, FDP 5798-CXD, DESCRIPTION/ OPERATIONS
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67	SB21-2321-2+		14-DIGIT COMPUTATIONAL FIELDS FOR PC/3600, IFP 5785-KAA (OS/VIS),

67	LB21-2322-2+		5785-KAB (DOS/VS) DESCRIPTION/OPERATIONS 14-DIGIT COMPUTATIONAL FIELDS FOR PC/3600, IFP 5785-KAA (OS/VS), 5785-KAB (DOS/VS) SYSTEMS GUIDE	
63	GB21-2323-0		INVENTORY FORECASTING & REPLENISHMENT MODULES - ALLOCATION, FDP 5798-CKG, NOTICE	
63	SB21-2324-0	SN20-6570	INVENTORY FORECASTING & REPLENISHMENT MODULES - ALLOCATION, FDP 5798-CXG, DESCRIPTION/OPERATIONS	
63	LB21-2325-0		INVENTORY FORECASTING & REPLENISHMENT MODULES - ALLOCATION, FDP 5798-CKG, SYSTEMS GUIDE	
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67	SB21-2365-0		FINANCIAL INFORMATION SYSTEM/BUDGET AND ACCOUNTING INFORMATION SUBSYSTEMS (FIS/BACIS) - DOS/VS, FDP 5798-CYC, DESCRIPTION/OPERATIONS	
67	LB21-2366-0		FINANCIAL INFORMATION SYSTEM/BUDGET AND ACCOUNTING INFORMATION SUBSYSTEMS (FIS/BACIS) - DOS/VS, FDP 5798-CYC, SYSTEMS GUIDE	
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72	GB21-2388-0		S/370 HOST PROGRAM FOR 3630/3600 BULK DATA TRANSMISSION, FDP 5798-CYL, NOTICE	
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79	SB21-2403-1		EXTENDED AUTHOR TRAINING FOR THE INTERACTIVE INSTRUCTIONAL SYSTEM, FDP 5798-CYQ, DESCRIPTION/ADMINISTRATION	
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31	SB21-2432-0	SN20-6583	8100/DPGX 3790 DISTRIBUTED ENTRY/QUERY SYSTEM, 5798-CZE DESCRIPTION/OPERATIONS	
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72	SB21-2442-0+	SN20-6532	SN20-6543	COPICS PRODUCT COST CALCULATIONS, FDP 5785-GAD, DESCRIPTION/OPERATIONS
72	GB21-2445-1		COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING, FDP 5785-GAF, NOTICE	
81	GB21-2447-0+		INTERACTIVE PROJACS, FDP 5785-DAC, NOTICE	
81	SB21-2448-0+		INTERACTIVE PROJACS, FDP 5785-DAC, DESCRIPTION/OPERATIONS	
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63	GB21-2453-0		3790 DATA ENTRY PROGRAM FOR "MASTERCHARGE" AND "VISA" MERCHANT SALES DRAFTS, FDP 5798-CZL, AVAILABILITY NOTICE	
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33	GB21-2501-0+		8100/DPGX 3790 SORT/MERGE PROGRAM, 5798-DAF, NOTICE	
76	GB21-2503-0	GN20-6683	STORAGE TUBE AND PLOTTER SIMULATOR FOR THE 3277 GRAPHICS ATTACHMENT, FDP 5798-DAG, NOTICE	
76	SB21-2504-0		STORAGE TUBE AND PLOTTER SIMULATOR FOR THE 3277 GRAPHICS ATTACHMENT, FDP 5798-DAG, DESCRIPTION/OPERATIONS	
76	LB21-2505-0		STORAGE TUBE AND PLOTTER SIMULATOR FOR THE 3277 GRAPHICS ATTACHMENT, FDP 5798-DAG, SYSTEMS GUIDE	
72	GB21-2506-1	GN20-6697	3630 PLANT MONITORING AND CONTROL TRANSACTION DRIVER II, FDP 5798-DAH, NOTICE	
72	SB21-2507-0		3630 PLANT MONITORING AND CONTROL TRANSACTION DRIVER, FDP	

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79	**GB21-2508-0		LEARNING TO CODE OS/VS JCL, FDP 5798-DAJ, NOTICE
79	**SB21-2509-0+		LEARNING TO CODE OS/VS JCL, FDP 5798-DAJ, COURSE
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79	**SB21-2510-0+		LEARNING TO CODE OS/VS JCL, FDP 5798-DAJ, STUDENT MATERIALS
74	GB21-2513-0	GN20-6698	3650 PHARMACY APPLICATION/CENTRAL ENVIRONMENT, FDP 5798-DAK, NOTICE
74	SB21-2514-1		PHARMACY APPLICATION CENTRAL ENVIRONMENT, FDP 5798-DAK, DESCRIPTION/OPERATIONS
79	GB21-2515-0	GN20-6686	DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS BASIC APPLICATION PROGRAMMING, FDP 5798-DAP, NOTICE
79	SB21-2516-0	SN20-6595	DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS BASIC APPLICATION PROGRAMMING, FDP 5798-DAP, DESCRIPTION/OPERATIONS
79	SB21-2517-0	SN20-6591	DEVELOPMENT MANAGEMENT SYSTEM (DMS)/CICS/VS BASIC APPLICATION PROGRAMMING, FDP 5798-DAP, STUDENT MATERIALS
67	SB21-2529-0		VS/APL FINANCIAL PLANNING SYSTEM, CICS/VS AND VSFC, FDP 5798-DBA, DESCRIPTION/OPERATIONS
79	GB21-2532-0	GN20-6688	CONVERSATIONAL MONITOR SYSTEM (CMS) FUNDAMENTALS, FDP 5798-DBB NOTICE
79	SB21-2533-0	**SN20-6710	CONVERSATIONAL MONITOR SYSTEM (CMS) FUNDAMENTALS, FDP 5798-DBB, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-2534-0	**SN20-6711	CONVERSATION MONITOR SYSTEM (CMS) FUNDAMENTALS, FDP 5798-DBB, STUDENT MATERIALS MANUAL
67	GB21-2538-0	GN20-6687	VS/APL FINANCIAL PLANNING SYSTEM - CICS/VS AND VSFC, FDP 5798-DBA, NOTICE
67	SB21-2539-0		VS/APL FINANCIAL PLANNING SYSTEM, CICS/VS AND VSFC, FDP 5798-DBA DESCRIPTION/OPERATIONS
67	LB21-2540-0		FINANCIAL PLANNING SYSTEM, SYSTEMS GUIDE
67	GB21-2559-0		3890 DOS/VSE ON-US EDITING, FDP 5798-DBL, NOTICE
67	SB21-2560-0		3890 DSO/VSE ON-US EDITING, FDP 5798-DBL, DESCRIPTION/OPERATIONS
73	GB21-2563-1	GN20-6701	DOCUMENT COMPOSITION FACILITY POST PROCESSOR FOR THE IEM 6670, FDP 5798-DBR, NOTICE
73	SB21-2564-2		DOCUMENT COMPOSITION FACILITY POST PROCESSOR FOR THE 6670, FDP 5798-DBR, DESCRIPTION/OPERATIONS
31	GB21-2570-1+		HOT DEVELOPMENT AND TEST SYSTEM FOR IBM 8100 COBOL USING TSO, 5785-DCF, AVAILABILITY NOTICE
79	GB21-2574-0		PROGRAMMING IN VS BASIC, FDP 5798-DBX, AVAILABILITY NOTICE
79	SB21-2575-0		PROGRAMMING IN VS BASIC, FDP 5798-DBX, COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SB21-2576-0		PROGRAMMING IN VS BASIC, FDP 5798-DBX, STUDENT MATERIALS
63	GB21-2583-0	GN20-6702	3650 PROGRAMMABLE STORE SYSTEM MERCHANDISE MANAGEMENT, FDP 5798-DCB, NOTICE
63	SB21-2584-0		3650 PROGRAMMABLE STORE SYSTEM MERCHANDISE MANAGEMENT, FDP 5798-DCB, DESCRIPTION/OPERATIONS
63	LB21-2585-0		3650 PROGRAMMABLE STORE SYSTEM MERCHANDISE MANAGEMENT, FDP 5798-DCB, SYSTEMS GUIDE
32	GB21-2589-0+		8100/DPX 3790 DATA SET UTILITY PROGRAM, FDP 5785-DCL, NOTICE
32	SB21-2590-0+		8100/DPX 3790 DATA SET UTILITY PROGRAM, FDP 5785-DCL, DESCRIPTION/OPERATIONS
81	GB21-2591-0	GN20-6691	3650 PROGRAMMABLE STORE SYSTEM RESOURCE MANAGEMENT, FDP 5798-DCD, NOTICE
81	SB21-2592-0		3650 PROGRAMMABLE STORE SYSTEM RESOURCE MANAGEMENT, FDP 5798-DCD, DESCRIPTION/OPERATIONS
81	LB21-2593-0		3650 PROGRAMMABLE STORE SYSTEM RESOURCE MANAGEMENT, FDP 5798-DCD, SYSTEMS GUIDE
31	GB21-2594-1		DISTRIBUTED DATA TRANSFER - HOST FDP 5798-DCA, AVAILABILITY NOTICE DISTRIBUTED DATA TRANSFER - CONTROLLER, FDP 5798-DCF, AVAILABILITY NOTICE
31	SB21-2595-0		DISTRIBUTED DATA TRANSFER - HOST, FDP 5798-DCA, DESCRIPTION/OPERATIONS
31	SB21-2596-0	**SN20-6730	DISTRIBUTED DATA TRANSFER - CONTROLLER, FDP 5798-DCF, DESCRIPTION/OPERATIONS
76	GB21-2598-0	GN20-6692	PLOTTER AND TABLET SUPPORT FOR THE IBM 3277 GRAPHICS ATTACHMENT, FDP 5798-DCE, NOTICE
76	SB21-2599-0		PLOTTER AND TABLET SUPPORT FOR THE IBM 3277 GRAPHICS ATTACHMENT, FDP 5798-DCE DESCRIPTION/OPERATIONS
76	LB21-2600-0		PLOTTER AND TABLET SUPPORT FOR THE IBM 3277 GRAPHICS ATTACHMENT, FDP 5798-DCE, SYSTEMS GUIDE
74	GB21-2602-0		LABORATORY DATA MANAGEMENT SYSTEM (LDMS) II - NORMAL VALUE/DELTA CHECKING, FDP 5798-DCH, NOTICE
74	SB21-2603-0		LABORATORY DATA MANAGEMENT SYSTEM (LDMS) II - NORMAL VALUE/DELTA CHECKING, FDP 5798-DCH, DESCRIPTION/OPERATIONS
82	GB21-2608-1+		NUMERICAL GEOMETRY SYSTEM: APT-AC BRIDGE, FDP 5785-EAN, ADVANCED, FDP 5785-EAJ, BASIC, FDP 5785-EAH, NOTICES
82	SB21-2609-1		NUMERICAL GEOMETRY SYSTEM: APT-AC BRIDGE, FDP 5785-EAN, ADVANCED, FDP 5785-EAJ, BASIC, FDP 5785-EAH, DESCRIPTION/OPERATIONS
82	SB21-2610-1		NUMERICAL GEOMETRY SYSTEM: APT-AC BRIDGE, FDP 5785-EAN, ADVANCED, FDP 5785-EAJ, BASIC, FDP 5785-EAH, USER'S GUIDE
67	SB21-2620-1		CHECK PROCESSING CONTROL SYSTEM (CPCS) ONLINE ADJUSTMENTS II FDP 5798-CLD, DESCRIPTION/OPERATIONS
67	SB21-2621-0	SN20-6703	3890 DOS/VSE OFF-LINE FINE SORT II, FDP 5798-CFD DESCRIPTION/OPERATIONS
67	GB21-2622-0		VS APL FINANCIAL PLANNING SYSTEM II, FDP 5798-DCN, NOTICE
67	SB21-2623-0		VS APL FINANCIAL PLANNING SYSTEM II, FDP 5798-DCN, DESCRIPTION/OPERATIONS
31	GB21-2631-0		6670 INFORMATION DISTRIBUTOR SUPPORT FOR IBM 3730 DISTRIBUTED OFFICE SYSTEM, FDP 5798-DCW, NOTICE
31	SB21-2632-0		6670 INFORMATION DISTRIBUTOR SUPPORT FOR 3730 DISTRIBUTED OFFICE SYSTEM, FDP 5798-DCW, DESCRIPTION/OPERATIONS
72	GB21-2633-1+		CUSTOMER ORDER SERVICING-ORDER MANAGEMENT, FDP 5785-DCP, CUSTOMER ORDER SERVICING-DATA MANAGEMENT, FDP 5785-DCN, NOTICE
72	SB21-2634-0+		CUSTOMER ORDER SERVICING-ORDER MANAGEMENT, FDP 5785-DCP, DESCRIPTION/OPERATIONS
72	SB21-2635-0+		CUSTOMER ORDER SERVICING-DATA MANAGEMENT, FDP 5785-DCN, DESCRIPTION/OPERATIONS



72	GB21-2638-0+		COPICS BILL OF MATERIAL ONLINE II, FDP 5785-GBA, NOTICE
72	SB21-2639-0+		COPICS BILL OF MATERIAL ONLINE II, FDP 5785-GBA, DESCRIPTION/OPERATIONS
72	GB21-2640-0+		COPICS BILL OF MATERIAL BATCH UTILITIES II, FDP 5785-GBC, NOTICE
72	SB21-2641-0+		COPICS BILL OF MATERIAL BATCH UTILITIES II, FDP 5785-GBC, DESCRIPTION/OPERATIONS
72	GB21-2642-0+		COPICS PRODUCT COST CALCULATIONS II, FDP 5785-GBD, NOTICE
72	SB21-2643-0+		COPICS PRODUCT COST CALCULATIONS II, FDP 5785-GBD, DESCRIPTION/OPERATIONS
72	GB21-2644-0+		COPICS INVENTORY ACCOUNTING II, FDP 5785-GBE, NOTICE
72	SB21-2645-0+		COPICS INVENTORY ACCOUNTING II, FDP 5785-GBE, DESCRIPTION/OPERATIONS
72	GB21-2646-0+		COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING II, FDP 5785-GBF, NOTICE
72	SB21-2647-0+		COPICS ADVANCED FUNCTION MATERIAL REQUIREMENTS PLANNING II, FDP 5785-GBF, DESCRIPTION/OPERATIONS
72	GB21-2648-0		COPICS SHOP ORDER RELEASE II, FDP 5798-DCQ, NOTICE
72	SB21-2649-0		COPICS SHOP ORDER RELEASE II, FDP 5798-DCQ DESCRIPTION/OPERATIONS
72	GB21-2650-0		COPICS INVENTORY PLANNING AND FORECASTING II, FDP 5798-DCR, NOTICE
72	SB21-2651-0		COPICS INVENTORY PLANNING AND FORECASTING II, FDP 5798-DCR, DESCRIPTION/OPERATIONS
67	GB21-2652-0		FUNDAMENTALS OF BANKING, FDP 5798-DDH, AVAILABILITY NOTICE
67	SB21-2653-0		FUNDAMENTALS OF BANKING, FDP 5798-DDH, COURSE DESCRIPTION/ADMINISTRATION
72	LB21-2655-0		CUSTOMER ORDER SERVICING-DATA MANAGEMENT, FDP 5785-DCN, SYSTEMS GUIDE
72	LB21-2656-0		CUSTOMER ORDER SERVICING-ORDER MANAGEMENT, FDP 5785-DCP, SYSTEMS GUIDE
80	GB21-2657-0+		STAIRS/VIS MULTIPLE INVERTED KEY ENVIRONMENT, FDP 5785-DCE, NOTICE
80	SB21-2658-0+		STAIRS/VIS MULTIPLE INVERTED KEY ENVIRONMENT, FDP 5785-DCE, DESCRIPTION/OPERATIONS
67	GB21-2668-0		DOS/VSE IBM 1419 PROOF OF DEPOSIT MICR CAPTURE SYSTEM, FDP 5798-DDC, NOTICE
67	SB21-2669-0		DOS/VSE IBM 1419 PROOF OF DEPOSIT MICR CAPTURE SYSTEM, FDP 5798-DDC, DESCRIPTION/OPERATIONS
79	GB21-2676-0		3800 REPORT DISTRIBUTION, FDP 5798-DDK, NOTICE
79	SB21-2677-0		3800 REPORT DISTRIBUTION, FDP 5798-DDK, DESCRIPTION/OPERATIONS
80	LB21-2678-0+	LN20-6585	STAIRS/VIS MULTIPLE INVERTED KEY ENVIRONMENT, FDP 5785-DCE, SYSTEMS GUIDE
79	GB21-2679-0+		FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, AVAILABILITY NOTICE
79	GB21-2680-0		FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, INTRODUCTION
79	SB21-2681-0		FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, DESCRIPTION/OPERATIONS (VOLUME I)
79	SB21-2682-0	**SN20-6716	FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, DESCRIPTION/OPERATIONS (VOLUME II)
79	SB21-2683-0	**SN20-6715	FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, DESCRIPTION/OPERATIONS (VOLUME III)
79	SB21-2684-0	**SN20-6724	FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, DESCRIPTION/OPERATIONS (VOLUME IV)
79	SB21-2685-0		FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, DESCRIPTION/OPERATIONS (VOLUME V)
79	LB21-2686-0		FINANCIAL MANAGEMENT SYSTEM, FDP 5785-NAC, SYSTEMS GUIDE
79	**GB21-2695-0		INVENTORY FORECASTING AND REPLENISHMENT MODULES-II: BASE, ALLOCATION, ONLINE PROCESSOR: FDP 5798-DET, -DDR, -DDT, AVAILABILITY NOTICE
79	**SB21-2696-0		INVENTORY FORECASTING AND REPLENISHMENT MODULES-II - BASE, FDP 5798-DDR, DESCRIPTION/OPERATIONS
79	**SB21-2699-0		INVENTORY FORECASTING AND REPLENISHMENT MODULES-II - ALLOCATION, FDP 5798-DDT, DESCRIPTION/OPERATIONS
63	GB21-2703-0		3650 RETAIL APPLICATION STAGING, FDP 5798-DDQ, NOTICE
63	SB21-2704-0		STAGING TRANSACTIONS FOR IBM 3650 PROGRAMMABLE STORE SYSTEM POINT OF SALE APPLICATION/RETAIL, FDP 5798-DDQ, DESCRIPTION/OPERATIONS
79	**GB21-2709-1		INTRODUCTION TO VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF), FDP 5798-DDX, AVAILABILITY NOTICE
79	**SB21-2710-0		INTRODUCTION TO VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF), FDP 5798-DDX, COURSE DESCRIPTION/ADMINISTRATION
79	**SB21-2711-0		INTRODUCTION TO VSE/INTERACTIVE COMPUTING AND CONTROL FACILITY (ICCF), FDP 5798-DDX, STUDENT MATERIALS
79	GB21-2712-0		IMS APPLICATION DEVELOPMENT FACILITY TRAINING, FDP 5798-DDW, AVAILABILITY NOTICE
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81	GB21-2725-0		3279 EXECUTIVE PRESENTATION SYSTEM, FDP 5798-DEB, NOTICE
81	SB21-2726-0	SN20-6587	3279 EXECUTIVE PRESENTATION SYSTEM, FDP 5798-DEB, DESCRIPTION/OPERATIONS
80	GB21-2731-0		STAIRS TO ATMS DOCUMENT TRANSFER EXTENDED, FDP 5798-DEE, NOTICE
80	SB21-2732-0	**SN20-6728	STAIRS TO ATMS DOCUMENT TRANSFER EXTENDED, FDP 5798-DEE, DESCRIPTION/OPERATIONS
72	SB21-2735-0		3630 PLANT MONITORING AND CONTROL TRANSACTION DRIVER II, FDP 5798-DAH, DESCRIPTION/OPERATIONS
78	GB21-2743-0		AIRLINES CONTROL PROGRAM (ACP) TESTING UNDER VM/370, FDP 5798-DEP, NOTICE
78	SB21-2744-0	SN20-6589	AIRLINES CONTROL PROGRAM (ACP) TEXTING UNDER VM/370, FDP 5798-DEP, DESCRIPTION/OPERATIONS
63	**GB21-2748-0		CREDIT AUTHORIZATION, FDP 5798-DEW, NOTICE
63	**SB21-2749-0	**SN20-6723	CREDIT AUTHORIZATION, FDP 5798-DEW, DESCRIPTION/OPERATIONS
79	**SB21-2751-0		INVENTORY FORECASTING AND REPLENISHMENT MODULES-II ONLINE PROCESSOR, FDP 5798-DET, DESCRIPTION/OPERATIONS
72	**GB21-2753-1		COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING INSTALLATION PRODUCTIVITY AID, FDP 5798-DEX, NOTICE
72	**SB21-2754-1		COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING INSTALLATION

79	GB21-2755-0+		PRODUCTIVITY AID, FDP 5798-DEX, DESCRIPTION/OPERATIONS INTEGRATED PROCESSING OF DATA AND TEXT (IPDT), FDP 5785-DCT, NOTICE
79	SB21-2756-0		INTEGRATED PROCESSING OF DATA AND TEXT (IPDT), FDP 5785-DCT, DESCRIPTION/OPERATIONS
79	SB21-2757-0		INTEGRATED PROCESSING OF DATA AND TEXT (IPDT), FDP 5785-DCT, USER'S GUIDE
79	GB21-2760-0		PROBLEM DETERMINATION FOR MVS OPERATORS OF 303X AND 4341 PROCESSORS, FDP 5798-DEY, NOTICE
79	SB21-2761-0		PROBLEM DETERMINATION FOR MVS OPERATORS OF 303X AND 4341 PROCESSORS, FDP 5798-DEY, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-2762-0		PROBLEM DETERMINATION FOR MVS OPERATORS OF 303X AND 4341 PROCESSORS, FDP 5798-DEY, STUDENT MATERIALS
81	LB21-2765-0	LN20-6588	3279 EXECUTIVE PRESENTATION SYSTEM, FDP 5798-DEB, SYSTEMS GUIDE
80	**GB21-2767-1+		STAIRS/CONVERSATIONAL MONITOR SYSTEM (STAIRS/CMS), FDP 5785-CAH, NOTICE
80	**SB21-2768-1+		STAIRS/CONVERSATIONAL MONITOR SYSTEM (STAIRS/CMS), 5785-CAH, DESCRIPTION/OPERATIONS
79	GB21-2769-0		OPERATOR TRAINING FOR THE IBM 3033 ATTACHED PROCESSOR AND MULTIPROCESSOR, FDP 5798-DFA, NOTICE
79	SB21-2770-0	SN20-6707	OPERATOR TRAINING FOR THE IBM 3033 ATTACHED PROCESSOR AND MULTIPROCESSOR, FDP 5798-DFA, COURSE DESCRIPTION/ADMINISTRATION
79	SB21-2771-0		OPERATOR TRAINING FOR THE IBM 3033 ATTACHED PROCESSOR AND MULTIPROCESSOR, FDP 5798-DFA, STUDENT MATERIALS
72	GB21-2772-0		COPICS - PURCHASING, FDP 5785-GAX, AVAILABILITY NOTICE
72	SB21-2773-0+	SN20-6596	COPICS - PURCHASING, FDP 5785-GAX, DESCRIPTION/OPERATIONS
72	GB21-2774-1+		COPICS RECEIVING/INSPECTION, FDP 5785-GAZ, NOTICE
72	SB21-2775-0		COPICS - RECEIVING, FDP 5785-GAZ, DESCRIPTION/OPERATIONS
79	GB21-2780-0+		A DEPARTMENTAL REPORTING SYSTEM II TRAINING, FDP 5798-DFC, NOTICE
79	**SB21-2781-1+		A DEPARTMENTAL REPORTING SYSTEM II TRAINING, FDP 5798-DFC, COURSE DESCRIPTION/ADMINISTRATION
79	**SB21-2782-1+		A DEPARTMENTAL REPORTING SYSTEM II TRAINING, 5798-DFC, STUDENT MATERIALS
80	**SB21-2783-1+		STAIRS/CONVERSATIONAL MONITOR SYSTEM (STAIRS/CMS), FDP 5785-CAH, TERMINAL USER'S GUIDE
31	SB21-2807-0		8100/DPCK 3790 DISTRIBUTED ENTRY/QUERY SYSTEM TEXT ENHANCEMENT FEATURE, FDP 5798-CZE (SPECIFY 6015), DESCRIPTION/OPERATIONS
31	SB21-2808-0		8100/DPCK 3790 DISTRIBUTED ENTRY/QUERY SYSTEM TEXT ENHANCEMENT FEATURE, FDP 5798-CZE (SPECIFY 6015), USER'S GUIDE
79	**GB21-2813-0+		IMS DC PROGRAMMING COURSE II, FDP 5798-DFQ, NOTICE
79	**SB21-2814-0+		IMS DC PROGRAMMING COURSE II, FDP 5798-DFQ, COURSE DESCRIPTION/ADMINISTRATION
79	**SB21-2815-0+		IMS DC PROGRAMMING COURSE II, FDP 5798-DFQ, STUDENT MATERIALS
79	**GB21-2818-0		USING TSO EFFECTIVELY II, FDP 5798-DFX, AVAILABILITY NOTICE
79	**SB21-2819-0		USING TSO EFFECTIVELY II, FDP 5798-DFX, COURSE DESCRIPTION/ADMINISTRATION
79	**SB21-2820-0		USING TSO EFFECTIVELY II, FDP 5798-DFX, STUDENT MATERIALS
79	**GB21-2821-0		FILE CONVERSION FOR WORD PROCESSORS, FDP 5798-DFY, NOTICE
79	**SB21-2822-0+		FILE CONVERSION FOR WORD PROCESSORS, FDP 5798-DFY, DESCRIPTION/OPERATIONS
79	**SB21-2826-0	**SN20-6718	COBOL INTERACTIVE DEBUG TRAINING COURSE II, FDP 5798-DFZ, COURSE DESCRIPTION/ADMINISTRATION
79	**SB21-2827-0	**SN20-6719	COBOL INTERACTIVE DEBUG TRAINING COURSE II, FDP 5798-DFZ, STUDENT MATERIALS
72	**GB21-2842-1		COPICS: PLANT MONITORING AND CONTROL - HOST INTERFACE, FDP 5798-DFR AND COPICS: PLANT MONITORING AND CONTROL 8100, FDP 5798-DFT, AVAILABILITY NOTICE
72	**SB21-2843-0		COPICS: PLANT MONITORING AND CONTROL 8100, FDP 5798-DFT, DESCRIPTION/OPERATIONS
72	**SB21-2846-0		COPICS: PLANT MONITORING AND CONTROL - HOST INTERFACE, FDP 5798-DFR, DESCRIPTION/OPERATIONS
72	**SB21-2849-0		COPICS: PLANT MONITORING AND CONTROL, FDP 5798-DFR, -DFT, USERS GUIDE
73	GB21-2850-0		ONLINE MEMBERSHIP SYSTEM, FDP 5798-DGH, AVAILABILITY NOTICE
73	SB21-2851-0	**SN20-6731	ONLINE MEMBERSHIP SYSTEM, FDP 5798-DGH, DESCRIPTION/OPERATIONS
79	**GB21-2855-0+		CONVERSATIONAL MONITOR SYSTEM FUNDAMENTALS II CMS FUNDAMENTALS II, FDP 5798-DGJ, AVAILABILITY NOTICE
79	**SB21-2856-0+		CONVERSATIONAL MONITOR SYSTEM FUNDAMENTALS II, FDP 5798-DGJ, COURSE DESCRIPTION/ADMINISTRATION
79	**SB21-2857-0+		CONVERSATIONAL MONITOR SYSTEM FUNDAMENTALS II, FDP 5798-DGJ, STUDENT MATERIALS
82	**GB21-2867-0		THREE DIMENSIONAL PRESENTATION GRAPHICS FACILITY/MATRIX MATH EDITOR, FDP 5798-DGP, AVAILABILITY NOTICE
82	**SB21-2868-0		THREE DIMENSIONAL GRAPHICS FACILITY/MATRIX MATH EDITOR, FDP 5798-DGP, DESCRIPTION/OPERATIONS
80	**GB21-2879-0		VSE ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) III INSTALLATION AID, FDP 5798-DGX, AVAILABILITY NOTICE
80	**SB21-2880-0		VSE ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) III INSTALLATION AID, FDP 5798-DGX, DESCRIPTION/OPERATIONS
34	**GB21-2883-0		3650 APPLICATION DEVELOPMENT DEBUG FACILITY, FDP 5798-DGY, AVAILABILITY NOTICE
34	**SB21-2884-0		3650 APPLICATION DEVELOPMENT DEBUG FACILITY, FDP 5798-DGY, DESCRIPTION/OPERATIONS
81	**GB21-2887-0		MANAGING THE APPLICATION DEVELOPMENT PROCESS/PLANNING AND TRACKING SYSTEM, FDP 5798-DHA, NOTICE
81	**SB21-2888-0		MANAGING THE APPLICATION DEVELOPMENT PROCESS/PLANNING AND TRACKING SYSTEM, FDP 5798-DHA, DESCRIPTION/OPERATIONS
83	**GB21-2898-0		COST/BENEFIT MODELING AID, FDP 5798-DHE, AVAILABILITY NOTICE
83	**SB21-2899-0		COST/BENEFIT MODELING AID, FDP 5798-DHE, DESCRIPTION/OPERATIONS
67	**GB21-2909-0		3624 CONTROLLER-BASED AUTOMATED TELLER SYSTEM, FDP 5798-DHK, AVAILABILITY NOTICE
67	**SB21-2910-0		3624 CONTROLLER-BASED AUTOMATED TELLER SYSTEM, FDP 5798-DHK, DESCRIPTION/OPERATIONS
79	**GB21-2914-0+		INTERFACING APL-BASED PRODUCTS, FDP 5798-DHN, NOTICE
67	**SB21-2930-0		3624 CONTROLLER-BASED AUTOMATED TELLER SYSTEM, FDP 5798-DHK,

79	**GB21-2946-0		PROGRAM INSTALLATION/OPERATIONS INTEGRATED PROCESSING OF DATA AND TEXT (IPDT), FDP 5785-DDD AND FDP 5785-DCX, AVAILABILITY NOTICE
79	**SB21-2947-0*		INTEGRATED PROCESSING OF DATA AND TEXT (IPDT), FDP 5785-DDD AND FDP 5785-DCX, DESCRIPTION/OPERATIONS
79	**SB21-2948-0*		INTEGRATED PROCESSING OF DATA AND TEXT (IPDT), FDP 5785-DDD AND FDP 5785-DCX, TERMINAL USER'S GUIDE
79	**GB21-2958-0		INTERACTIVE PRESENTATION GRAPHICS, FDP 5798-DJT, NOTICE
79	**SB21-2959-0		INTERACTIVE PRESENTATION GRAPHICS, FDP 5798-DJT, DESCRIPTION/OPERATIONS
79	**SB21-2960-0		INTERACTIVE PRESENTATION GRAPHICS, FDP 5798-DJT, USER'S GUIDE
79	**GB21-2965-0		PRESENTATION ENHANCEMENTS USING THE 3800, FDP 5798-DJY, AVAILABILITY NOTICE
79	**SB21-2966-0		PRESENTATION ENHANCEMENTS USING THE IBM 3800, FDP 5798-DJY, DESCRIPTION/OPERATIONS
63	**SB21-2968-0		CREDIT AUTHORIZATION, FDP 5798-DEW, INSTALLATION GUIDE
79	**SB21-2969-0		VISUAL AID PREPARATION SYSTEM USING GRAPHIC DATA DISPLAY MANAGER, FDP 5798-DJZ, DESCRIPTION/OPERATIONS
30	**SB21-2977-0		SUBSYSTEM PROGRAM PREPARATION SUPPORT II - HOST SIMULATOR, FDP 5798-DKC, DESCRIPTION/OPERATIONS
73	**GB21-2978-0		GENERALIZED MARKUP LANGUAGE (GML) PRODUCTIVITY AIDS, FDP 5798-DKD, NOTICE
73	**SB21-2979-0		GML PRODUCTIVITY AIDS DESCRIPTION/OPERATIONS
73	**SB21-2980-0		GENERALIZED MARKUP LANGUAGE (GML) PRODUCTIVITY AIDS, FDP 5798-DKD, INTRODUCTION TO THE GENERALIZED MARKUP AND THE EXTENDED STARTER SET
73	**SB21-2981-0		GENERALIZED MARKUP LANGUAGE (GML) PRODUCTIVITY AIDS, FDP 5798-DKD, TEXT PROGRAMMER'S GUIDE
73	**SB21-2982-0		GENERALIZED MARKUP LANGUAGE (GML) PRODUCTIVITY AIDS, FDP 5798-DKD, EXTENDED STARTER SET REFERENCE
73	**SB21-2983-0		GENERALIZED MARKUP LANGUAGE (GML) PRODUCTIVITY AIDS, FDP 5798-DKD, CUSTOMIZATION AND MAINTENANCE GUIDE
79	**GB21-2986-0		VISUAL AID PREPARATION SYSTEM USING GRAPHIC DATA DISPLAY MANAGER, FDP 5798-DJZ, NOTICE
81	**GB21-3020-0		U.S. GEOGRAPHIC DEMOGRAPHIC SYSTEM, FDP 5798-DJQ, AVAILABILITY NOTICE
81	**SB21-3021-0		U.S. GEOGRAPHIC DEMOGRAPHIC SYSTEM, FDP 5798-DJQ, DESCRIPTION/OPERATIONS
81	**LB21-3022-0		U.S. GEOGRAPHIC DEMOGRAPHIC SYSTEM, FDP 5798-DJQ, SYSTEMS GUIDE
64	GB21-9864-0		A RESPONSE EVALUATION SYSTEM, IUP 5796-ANZ, GENERAL INFORMATION MANUAL
64	GB21-9868-0		ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, GENERAL INFORMATION
60	GB21-9869-2		IMS APPLICATION DEVELOPMENT FACILITY - IUP 5796-PHX, GENERAL INFORMATION
71	GB21-9877-0		STATUTORY/GAAP VALUATION SYSTEM, IUP 5796-AJR, GENERAL INFORMATION MANUAL
79	GB21-9878-0		AN INTRODUCTION TO THE METRIC SYSTEM REFERENCE CARD
67	GB21-9885-0		INVESTMENT PORTFOLIO MANAGEMENT SYSTEM, IUP 5796-AHW, GENERAL INFORMATION
67	GB21-9887-0		S/370 IMS/VIS ONLINE DEMAND DEPOSIT ACCOUNTING, IUP 5796-AFN DESCRIPTION/OPERATION
67	GB21-9890-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM USING THE IBM MANAGEMENT INFORMATION SYSTEM, IUP 5796-AFH, GENERAL INFORMATION
79	GB21-9895-0		GENERAL LEDGER AND FINANCIAL ANALYSIS SYSTEM FOR SYSTEM/370 DOS/VIS - FDP 5798-CCZ, REPORT BROCHURE
67	GB21-9898-0		DOS/VIS COMMERCIAL LOAN ACCOUNTING SYSTEM REPORT BROCHURE IUP 5796-AGB
79	GB21-9900-0		ACCOUNTS PAYABLE SYSTEM FOR SYSTEM/370 DOS/VIS (5798-CAC) REPORT BROCHURE
73	GB21-9915-0		TERMTEXT FORMAT - IUP 5796-PER, GENERAL INFORMATION
67	**SC19-5017-2		3704/3705 BINARY SYNCHRONOUS SWIFT PROCEDURE RPQ Y96612 PROG 5799-AQT, DESCRIPTION/OPERATION
14	GC19-5022-1*		IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM DEFINITION AND PROGRAMMER'S GUIDE RPQ: 7B0239, -7B0240, -7B0350 PROGRAM NUMBER: 5799-WJB (DOS/VIS) 5799-WJR (OS/VIS)
14	GC19-5025-3*		3600 FINANCE COMMUNICATION SYSTEM 5986-B03 DOCUMENT INSCRIBER ADAPTER RPQS 7B0413 AND 7B0414 INSTRUCTIONS AND MACROS REFERENCE SUPPLEMENT
14	GC19-5026-0*		IBM 3600 FINANCE COMMUNICATION SYSTEM 5986-B03 DOCUMENT INSCRIBER ADAPTER RPQ 7B0413 -14 PROGRAMMER GUIDE, COMPONENT DESCRIPTION SUPPLEMENT PROG 5799-WKB DOS/VIS, 5799-WKE OS/VIS
14	GC19-5030-2*	GN19-6637	3600 FINANCE COMMUNICATION SYSTEM HOST SUPPORT MOVE INVERSE RPQ 7B0192 INSTRUCTIONS AND MACROS REFERENCE SUPPLEMENT
14	GC19-5031-2*	GN19-6639	3600 FINANCE COMMUNICATION SYSTEM HOST SUPPORT BACKWARD DISPLAY RPQ 7B0412 INSTRUCTIONS & MACROS REFERENCE SUPPLEMENT, LIC PROG 5799-WHK, 5799-WKK
14	GC19-5033-0*	GN19-6640 **GN19-6734	3650 PROGRAMMABLE STORE SYSTEM INTRODUCTION TO CASH AND CARRY FUNCTIONS RPQ 7B0360
14	**GC19-5034-1*		3650 PROGRAMMABLE STORE SYSTEM HOST SUPPORT SUBSYSTEM GENERATION AND PROGRAMMERS GUIDE FOR CASH AND CARRY RPQ 7B0328/7B0360, LIC PROG 5799-WTB, 5799-WTD
14	GC19-5035-1*		IBM 3660 SUPERMARKET SYSTEM: SCANNING SYSTEM LARGER PRICE DESCRIPTION RECORD FILE RPQ X64075, 7B0438, or 7B0439, PROGRAMMER'S GUIDE SUPPLEMENT
14	GC19-5036-2*	GN19-6636	3600 FINANCE COMMUNICATION SYSTEM MOVE INVERSE RPQ 7B0192 HOST SERVICES USER'S GUIDE SUPPLEMENT
14	GC19-5037-2*	GN19-6641	3600 FINANCE COMMUNICATION SYSTEM BACKWARD DISPLAY RPQ 7B0412 HOST SERVICES USER'S GUIDE SUPPLEMENT
14	GC19-5038-2*	GN19-6650	3600 FINANCE COMMUNICATION SYSTEM 3601/3602 HOST SUPPORT 5986-B03 DOCUMENT INSCRIBER ADAPTER RPQS HOST SERVICES USER'S GUIDE SUPPLEMENT, PROG 5799-WKB 5799-WKE
14	GC19-5041-0	GN19-6646	3600 FINANCE COMMUNICATION SYSTEM NATIONAL REQUIREMENT DISPLAY RPQS, INSTRUCTIONS & MACROS REFERENCE SUPPLEMENT
14	GC19-5043-0*		IBM 1255/1270 MICR/OCR READER/SORTER ATTACHMENT TO THE IBM 3602 -

				FINANCE COMMUNICATION CONTROLLER DESCRIPTION, CONFIGURATION, AND PHYSICAL PLANNING SUPPLEMENT - PROG 5799-WKC (DOS/V5) 5799-WKD (OS/V5)
14	GC19-5045-2*	GN19-6648		IBM 3600 FINANCE COMMUNICATION SYSTEM 3610/12 MODELS 12 AND 13 - 12 CPI PRINTING RPQS Z97436 AND Z97642 HOST SERVICES USER'S GUIDE SUPPLEMENT
14	GC19-5046-2*	GN19-6647		IBM 3600 FINANCE COMMUNICATION SYSTEM 3610/12 MODELS 12 AND 13 12 CPI PRINTING RPQS Z97436 AND Z97642 INSTRUCTIONS AND MACROS REFERENCE SUPPLEMENT
14	GC19-5047-0*			IBM 3650 RETAIL STORE SYSTEM INTRODUCTION TO WORLD TRADE RETAIL FUNCTIONS RPQS: 7B0239, 7B0350 - PROG 5799-WJR (OS/V5) 5799-WJB (DOS/V5)
14	GC19-5048-1			3600 FINANCE COMMUNICATION SYSTEM, MULTIPLE DISPLAY RPQ 7B0040 FOR 3614 CONSUMER TRANSACTION FACILITY PROGRAMMER'S GUIDE SUPPLEMENT PROGRAM NUMBERS: 5799-WKF DOS/V5, 5799-WJZ OS/V5
14	GC19-5049-1*			IBM 3650 RETAIL STORE SYSTEM: BINARY SYNCHRONOUS COMMUNICATIONS LINK ADMINISTRATIVE USERS AND PROGRAMMER'S GUIDE, RELEASE 3.0, 3.1 and 3.2, RPQS X70784, 7B0245, XC5893
14	GC19-5050-0	GN19-6476		IBM 3600 FINANCE COMMUNICATION SYSTEM 5926-B03 OPTICAL SCANNER ATTACHMENT RPQ 7B0784 TO THE IBM 3604 KEYBOARD DISPLAY INTRODUCTION, INSTRUCTIONS AND MACROS REFERENCE PROGRAMMERS AND OPERATING GUIDE SUPPLEMENT
14	GC19-5051-2			IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM DEFINITION AND PROGRAMMER'S GUIDE, RPQ 7B0239, 7B0240, 7B0350, Y17654, 5799-WJB, -WJR, RELEASE 3.1 AND 3.2
14	GC19-5053-2			3650 RETAIL STORE SYSTEM INTRODUCTION TO CASH AND CARRY FUNCTIONS RPQS: 7B0234 TO 7B0244, LIC PROG 5799-WJR, -WJB
14	GC19-5054-0			3653 POINT OF SALE TERMINAL OEM COIN DISPENSER RPQ 7B0440 DESCRIPTION, PROGRAMMER AND SALES OPERATION GUIDE SUPPLEMENT
14	GC19-5055-2			3600 FINANCE COMMUNICATION SYSTEM BACKWARD DISPLAY RPQ 7B0412 PROGRAMMER'S GUIDE AND COMPONENT DESCRIPTIONS VOLUME 2 SUPPLEMENT
14	GC19-5056-2*			3600 FINANCE COMMUNICATION SYSTEM MOVE INVERSE RPQ 7B0192 PROGRAMMER'S GUIDE AND COMPONENT DESCRIPTION SUPPLEMENT
14	GC19-5057-2*			3600 FINANCE COMMUNICATION SYSTEM MOVE INVERSE RPQ 7B0192 PROGRAM VALIDATION SERVICES USER'S GUIDE SUPPLEMENT
14	GC19-5088-0			3600 REFERENCE FOR 3614 MULTIPLE LANGUAGE DISPLAY RPQ 7B0033
14	GC19-5112-1*			3600 FINANCE COMMUNICATION SYSTEM 5995 CONTROLLER MODELS 1 AND 2 (RPQ 8K0878 AND RPQ 8K0918) CUSTOM UNIT DESCRIPTION
14	GC19-5113-1*			3624 CONSUMER TRANSACTION FACILITY REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQ XD1012 AND XD2613
14	GC19-5114-0*			3650 PROGRAMMABLE STORE SYSTEM EAN/UPC SCANNER ADAPTER SUPPORT FOR 3663-1P RPQ 7B0552 RPQ REFERENCE MANUAL
64	GC20-1744-1			COURSEWRITER III, VERSION 3 STUDENT TEXT PROGRAM NUMBERS 5734-E13, 5736-E11
60	**GC20-1773-5			PUBLIC UTILITIES - POWER: BIBLIOGRAPHY
85	GC20-1853-0			AN INTRODUCTION TO 3790 NETWORK MANAGEMENT
14	GC22-9026-3	GN31-7246	GN31-7254	3600 FINANCE COMMUNICATION SYSTEM, CUSTOM FEATURE DESCRIPTION FOR BSC3 COMMUNICATION, RPQ 8K0598 & 8K0599
30	GC22-9027-2			INSTALLING THE DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT FOR USE WITH DOS/V5 LIC PROG 5747-BQ1 RELEASE 11
30	GC22-9030-1	GN31-0738		IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS GUIDE VERSION 6
30	GC22-9031-1			IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS REFERENCE VERSION 6
30	GC22-9032-1			IBM 3790 COMMUNICATION SYSTEM HOST SERVICES GUIDE VERSION 6
30	GC22-9033-1	GN31-0847	GN31-0875	IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMER'S GUIDE (VERSION 6)
34	GC22-9035-3	GN31-0898		INSTALLING THE DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT FOR USE WITH OS/V5, LIC PROG 5744-BZ3, 5747-BQ1
30	GC22-9037-2			3790 COMMUNICATION SYSTEM, PROGRAMMING STATEMENTS GUIDE VERSION 7
20	GC22-9042-0			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS IBM 3790 COMMUNICATION SYSTEM HOST SUPPORT RELEASE 5
20	GC22-9043-0			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS IBM 3790 COMMUNICATION SYSTEM HOST SUPPORT RELEASE 6
30	GC22-9044-2	GN31-7260		3600 FINANCE COMMUNICATION SYSTEM PROGRAM VALIDATION SERVICES USERS GUIDE
30	GC22-9045-5	**GN31-7264		3600 FINANCE COMMUNICATION SYSTEM PROGRAMMER'S GUIDE AND COMPONENT DESCRIPTIONS VOLUME 1: PROGRAMMING THE 3600 SUBSYSTEM
30	GC22-9046-2	GN31-7239	**GN31-7266	3600 FINANCE COMMUNICATION SYSTEM PROGRAMMER'S GUIDE AND COMPONENT DESCRIPTIONS, VOLUME 2
30	GC22-9051-2	GN31-1048		IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMERS GUIDE (VERSION 7)
34	GC22-9052-1			IBM 3790 COMMUNICATION SYSTEM, SYSTEM DESIGN AND REFERENCE GUIDE VERSIONS 5 & 6
34	GC22-9054-1			IBM 3790 COMMUNICATION SYSTEM RELEASE GUIDE
20	GC22-9055-0			SYSTEM CONTROL PROGRAMMING SPECIFICATIONS IBM 3790 COMMUNICATIONS SYSTEM HOST SUPPORT RELEASE 7
30	GC22-9056-2	GN31-7251	GN31-7258	3600 FINANCE COMMUNICATION SYSTEM HOST SERVICES USER'S GUIDE
34	GC22-9058-2			IBM 3790 COMMUNICATION SYSTEM SYSTEM DESIGN AND PERFORMANCE GUIDE VERSION 7
30	GC22-9064-1	GN31-0907	GN31-1015	IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS REFERENCE VERSION 7
30	GC22-9065-1	GN31-1247		DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT: HOST SERVICES GUIDE, LIC PROG 5744-BZ3, 5747-BQ1
34	GC22-9066-1	GN31-1046		3790 COMMUNICATION SYSTEM PROGRAM EXECUTION MONITOR GUIDE
38	GC22-9069-1	GN31-0903		3790 RJE INSTALLATION & OPERATIONS GUIDE
30	GC22-9070-1			DISTRIBUTED PROCESSING CONTROL EXECUTIVE 3790 HOST SUPPORT INTERACTIVE PROGRAM VALIDATION SERVICES, LIC PROG 5744-BZ3, 5747-BQ1, USER'S GUIDE
20	GC22-9071-3			SYSTEM CONTROL PROGRAMMING, DPCX/3790 HOST SUPPORT, SCP 5744-BZ3, 5747-BQ1, SPECIFICATIONS
20	GC22-9072-0			IBM SYSTEM CONTROL PROGRAMMING SPECIFICATIONS: 3600 FINANCE COMMUNICATION SYSTEM, INDEPENDENT RELEASE 5 (IR/5) FOR DOS/V5 (5747-BR1) AND OS/V5 (5744-CA3)

30	GC22-9073-0		IBM 3600 INDEPENDENT RELEASE 5 PLANNING GUIDE
30	GC22-9074-0		3600 FINANCE COMMUNICATION SYSTEM INDEPENDENT RELEASE PLANNING GUIDE, INDEPENDENT RELEASE 6, 5746-BR1, 5744-CA3
30	GC22-9078-0		3790 COMMUNICATION SYSTEM REQUEST FOR ENGINEERING ACTION MESSAGE HEADERS, VERSION 7
30	GC22-9080-0		IBM 3790 COMMUNICATION SYSTEM REMOTE DATA LINK ADAPTER USER'S GUIDE
30	GC22-9084-1	GN31-1122	8100 INFORMATION SYSTEM, DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT MESSAGES
37	GC22-9085-2		DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790 HOST SUPPORT: SUBSYSTEM INFORMATION RETRIEVAL FACILITY, LIC PROG 5744-BZ3 INDEPENDENT RELEASE 11 FOR OS/VS, 5747-BQ1 INDEPENDENT RELEASE 11 FOR DOS/VS, GUIDE AND REFERENCE
30	GC24-5173-2	GN31-7552	3630 PLANT COMMUNICATION SYSTEM INSTRUCTIONS & MACRO REFERENCE
30	GC24-5174-2	GN31-7551	3630 PLANT COMMUNICATION SYSTEM PROGRAMMER'S GUIDE
30	GC24-5175-0		3630 PLANT COMMUNICATION SYSTEM INDEPENDENT RELEASE GUIDE
30	GC24-5176-3		3630 PLANT COMMUNICATION SYSTEM: PROGRAM VALIDATION SERVICES USERS GUIDE
30	GC24-5177-1	GN31-7220	IBM 3630 PLANT COMMUNICATION SYSTEM: HOST SERVICES USER'S GUIDE, PROG 5744-CR1, 5747-CJ1
30	GC24-5178-2		3644 AUTOMATIC DATA UNIT PROGRAMMING GUIDE
30	GC24-5194-0		3630 PLANT COMMUNICATION SYSTEM INDEPENDENT RELEASE GUIDE, LIC PROG 5747-CJ1, 5744-CR1, RELEASE 1.5
09	GC27-0001-9	**GN31-7281	3600 FINANCE COMMUNICATION SYSTEM - SYSTEM SUMMARY
30	GC27-0003-7	**GN31-7265	3600 FINANCE COMMUNICATION SYSTEM INSTRUCTIONS & MACROS REFERENCE
30	GC27-0006-7		3600 FINANCE COMMUNICATION SYSTEM SCP 5747-BR1, 5744-CA3 INDEPENDENT RELEASE GUIDE
30	GC27-0010-3	GN66-0010	IBM 3600 FINANCE COMMUNICATION SYSTEM 3614 PROGRAMMER'S GUIDE & REFERENCE: VERSION 3/IR2
20	GC27-0012-1		SYSTEM CONTROL PROGRAMMING SPECIFICATIONS, SUBSYSTEM SUPPORT SERVICE (SSS) RELEASE 5.0, SUID 5752-837
30	GC27-0015-4	GN31-0779	IBM 3790 COMMUNICATION SYSTEM: PROGRAMMING STATEMENTS GUIDE VERSION 5
30	GC27-0016-4		IBM 3790 COMMUNICATION SYSTEM PROGRAMMING STATEMENTS, REFERENCE VERSION 5
30	GC27-0026-4	GN31-0846 GN31-1289	GN31-0897 IBM 3790 COMMUNICATION SYSTEM HOST SYSTEM PROGRAMMER'S GUIDE PROG NOS 5746-BQ1, 5744-BZ1, BZ2 VERSION 5
30	GC27-0028-0		OS/VS VTAM SPECIAL PROGRAMMING SUPPORT/KEY ENTRY: COMPONENT RELEASE GUIDE, COMPONENT NUMBERS 5741-SC1-29 & 5752-SC1-29 VTAM LEV 1.1; VS1 REL 4; VS2 REL 3.0
20	GC27-0045-1		SUBSYSTEM SUPPORT SERVICES SUID 5741-603
30	GC27-9079-1		3600 FINANCE COMMUNICATION SYSTEM 3270/3600 DATA STREAM MAPPING USER'S GUIDE
30	GC30-2048-2		3660 SUPERMARKET SYSTEMS: KEY ENTRY SYSTEM PROGRAMMER'S GUIDE, SCP 5744-BR1, 5747-BK1
30	**GC30-3022-6		SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) USER'S GUIDE
30	GC30-3024-4	GN30-3159	IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT - APPLICATION PROGRAMMER'S GUIDE, SCP 5747-BJ2 & 5744-BQ2
30	GC30-3025-4	GN30-3163	3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM PROGRAMMER'S GUIDE, SCP 5744-BR2, 5747-BK2
30	GC30-3029-0		NETWORK CONTROL PROGRAM/VS SDLC/BSC PATH FUNCTION SCP 5744-BA2 AND 5747-AJ2 SYSTEM PROGRAMMER'S GUIDE
30	GC30-3031-1		IBM 3660 SUPERMARKET SYSTEM: SCANNING SYSTEM PROGRAMMING INSTALLATION GUIDE
30	GC30-3035-2	GN30-3161	3650 RETAIL STORE SYSTEM PROGRAMMER'S GUIDE REL 3.0 AND 3.1
30	GC30-3042-2		IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM DEFINITION GUIDE
30	GC30-3048-1	GN30-3157	IBM 3660 SUPERMARKET SYSTEM: KEY-ENTRY SYSTEM PROGRAMMER'S GUIDE (3661 MODEL 1 WITH RPQ 8Q0005 AND 3661 MODEL 2)
30	GC30-3050-0		3650 RETAIL STORE SYSTEM PROGRAMMING INSTALLATION GUIDE R3.2
63	**GC30-3054-2		IBM 3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER GENERAL INFORMATION
63	**GC30-3055-4		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT, LIC PROG 5748-D21, GENERAL INFORMATION
63	GC30-3056-0	GN30-3160	3650 PROGRAMMABLE STORE SYSTEM RETAIL APPLICATION PROGRAM, LIC PROG 5748-D14, GENERAL INFORMATION
24	GC30-3059-0		3650 PROGRAMMABLE STORE SYSTEM (PSS) COBOL; GENERAL INFORMATION
09	GC30-3061-0		3650 PROGRAMMABLE STORE SYSTEM SUBSYSTEM DESCRIPTION
30	GC30-3062-2	**GN30-3206	PROGRAMMABLE STORE SYSTEM, LIC PROG 5747-D16 (DOS/VS), 5744-D16 (OS/VS), PROGRAMMERS GUIDE
30	GC30-3066-3		3680 PROGRAMMABLE STORE SYSTEM PROGRAMMER'S GUIDE
89	GC30-3068-0		3680 PROGRAMMABLE STORE SYSTEM INSTALLATION LOG
09	GC30-3069-0		3680 PROGRAMMABLE STORE SYSTEM MASTER INDEX AND READER'S GUIDE
09	**GC30-3070-1		3650 PROGRAMMABLE STORE SYSTEM READER'S GUIDE AND MASTER INDEX
30	GC30-3075-0	**GN30-3207	3650/3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT COMMANDS AND MESSAGES
30	GC30-3076-0	**GN30-3208	3650 PROGRAMMABLE STORE SYSTEM MACRO REFERENCE
30	GC30-3077-0	**GN30-3209	3680 PROGRAMMABLE STORE SYSTEM MACRO REFERENCE
63	**SC30-3126-3		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/RETAIL ENVIRONMENT, LIC PROG 5748-D14 PROGRAMMER'S GUIDE
63	SC30-3127-1		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET PROGRAMMER'S GUIDE
24	SC30-3128-0	SN30-3168	3650 PROGRAMMABLE STORE SYSTEM COBOL LANGUAGE REFERENCE MANUAL AND PROGRAMMER'S GUIDE
63	**SC30-3148-1		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER, LIC PROG 5748-D15, PROGRAMMER'S AND OPERATION GUIDE
30	SC30-3159-1		SUBSYSTEM PROGRAM PREPARATION SUPPORT II APPLICATION PROGRAMMING LANGUAGE GUIDE
30	SC30-3160-1		SUBSYSTEM PROGRAM PREPARATION SUPPORT II APPLICATION PROGRAMMING LANGUAGE REFERENCE
09	SC30-3161-1		SUBSYSTEM PROGRAM PREPARATION SUPPORT II APPLICATION PROGRAMMING MESSAGES AND CODES
20	GC30-9504-1		IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT FOR OS/VS1 AND OS/VS2 SYSTEM CONTROL PROGRAMMING: SPECIFICATION, PROG PROD 5744-BR2
20	GC30-9505-1		IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT FOR DOS/VS SYSTEM CONTROL PROGRAMMING, LIC PROG 5747-BK2, SPECIFICATIONS

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20	GC30-9513-0		IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM PREPARATION SUPPORT (SPPS) V 1 MOD 1 (OS/VS) SCP 5744-BQ2, SPECIFICATIONS
20	GC30-9514-0		SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR IBM 3650 RETAIL STORE SYSTEM (RSS) HOST SUPPORT VERSION 3 MODIFICATION LEVEL 1 (DOS/VS) SCP 5747-BJ3
20	GC30-9515-0		SYSTEM CONTROL PROGRAMMING SPECIFICATIONS FOR IBM 3650 RETAIL STORE SYSTEM SUBSYSTEM PROGRAM PREPARATION SUPPORT (SPPS) VERSION 3 MODIFICATION LEVEL 1 (DOS/VS) SCP 5747-BJ2
24	GC30-9523-0		3650 PROGRAMMABLE STORE SYSTEM (PSS) COBOL COMPILER; VERSION 1 RELEASE 1 5746-CB2 DOS/VS 5740-CB2 OS/VS DESIGN OBJECTIVES
30	GC30-9524-0		SUBSYSTEM PROGRAM PREPARATION SUPPORT (SPPS II) VERSION 1 RELEASE 2, LIC PROG 5735-D16, DESIGN OBJECTIVES
30	GC30-9532-2		SUBSYSTEM PROGRAM PREPARATION SUPPORT II (SPPS-II) VERSION 1 RELEASE 1, LIC PROG 5735-D16, (DOS/VS and OS/VS)
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20	GC30-9536-3		PROGRAMMABLE STORE SYSTEM HOST SUPPORT, LIC PROG 5747-D16 (DOS/VS), 5744-D16 (OS/VS), VERSION 1 RELEASE 1
24	GC30-9537-0		3650 PROGRAMMABLE STORE SYSTEM COBOL COMPILER (DOS), LIC PROG 5746-CB2, SPECIFICATIONS
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20	GC31-0008-1		3600 FINANCE COMMUNICATION SYSTEM INDEPENDENT RELEASE 6 (IR/6) FOR DOS/VS AND OS/VS
67	GC31-0011-1		3694 APPLICATION MACRO EXPANSION, LIC PROG 5748-F56, PROGRAM SUMMARY
67	GC31-0012-0		3694 DOCUMENT PROCESSOR, LIC PROG 5748-F56 APPLICATION MACRO EXPANSIONS SPECIFICATIONS
30	GC31-0013-0		3694 SCP 5658-001 INDEPENDENT RELEASE 1.0, SPECIFICATIONS
30	GC31-0014-0		3600 FINANCE COMMUNICATION SYSTEM SYSTEM NETWORK ARCHITECTURE - PRIMARY (SNA-PRIMARY) USER'S GUIDE RELEASE 6 WITH PTF/FCS UR90010
20	GC31-0015-0		3600 FINANCE COMMUNICATION SYSTEM INDEPENDENT RELEASE 7 (IR7) FOR DOS/VSE AND OS/VS SCP 5744-CA3, 5747-BR1 SPECIFICATIONS
20	**GC31-0017-0		4700 FINANCE COMMUNICATION SYSTEM HOST SUPPORT: PROGRAM SUMMARY, 5668-989
30	**GC31-0019-0		4700 FINANCE COMMUNICATION SYSTEM HOST SUPPORT LICENSED PROGRAM SPECIFICATIONS
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09	**GC31-2002-5		3624 CONSUMER TRANSACTION FACILITY INSTALLATION INSTRUCTIONS, MODELS 2 AND 12 WITH DEPOSITORY
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04	GC31-2009-2	GN31-7263	3694 DOCUMENT PROCESSOR DESCRIPTION AND CONFIGURATION
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89	GC31-2012-0		3647 TIME AND ATTENDANCE TERMINAL PROBLEM REPORT
15	GC31-2013-1		3694 PHYSICAL PLANNING TEMPLATE
14	GC31-2014-1	GN31-7247	3605 FINANCE COMMUNICATION CONTROLLER MODEL 1 CUSTOM UNIT DESCRIPTION
09	**GC31-2016-4		4700 FINANCE COMMUNICATION SYSTEM SYSTEM SUMMARY
00	**GC31-2017-2		4700 FINANCE COMMUNICATION SYSTEM SYSTEM CONFIGURATOR
15	**GC31-2018-2		4700 FINANCE COMMUNICATION SYSTEM: INSTALLATION PLANNING
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09	**GC31-2021-1		4701 CONTROLLER SETUP AND SUBSYSTEM INSTALLATION INSTRUCTIONS
09	**GC31-2022-0		4710 CONTROLLER OPERATING INSTRUCTIONS
09	**GC31-2025-0	**GN31-7283	4704 DISPLAY STATION OPERATING INSTRUCTIONS
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09	**GC31-2029-0		4700 FINANCE COMMUNICATIONS SYSTEM: PRINCIPLES OF OPERATION
09	**GC31-2030-0	**GN31-7282	4700 FINANCE COMMUNICATION SYSTEM COMPONENT DESCRIPTIONS
30	**GC31-2031-0	**GN31-7284	4700 FINANCE COMMUNICATION SYSTEM LOCAL CONFIGURATION FACILITY USER'S GUIDE
09	**GC31-2032-0		4700 FINANCE COMMUNICATION SYSTEM: SUBSYSTEM OPERATING PROCEDURES
09	**GC31-2033-0		4700 FINANCE COMMUNICATION SYSTEM: SUBSYSTEM PROBLEM DETERMINATION PROCEDURES
09	**GC31-2035-0		4704 DISPLAY STATION PROBLEM DETERMINATION CARD
03	**GC31-2036-0		4710 RECEIPT/VALIDATION PRINTER PROBLEM DETERMINATION CARD
09	**GC31-2037-0		4700 FINANCE COMMUNICATION SYSTEM ENCRYPTION FACILITY INTRODUCTION
09	**GC31-2043-0		4700/3600 FINANCE COMMUNICATION SYSTEM PROBLEM DETERMINATION GUIDE FOR THE 3278
30	**GC31-2045-0		4700 FINANCE COMMUNICATION SYSTEM CRYPTOGRAPHIC FACILITIES GUIDE AND REFERENCE
13	**GC31-2046-0		4700 FINANCE COMMUNICATION SYSTEM ADDENDUM
14	GC31-2500-0		3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER TRANSACTION FACILITY, CUSTOM FEATURE DESCRIPTION FOR THE AUDIT/JOURNAL PRINTER (RPQ 8C0168)
09	**GC31-2501-2		3600 FINANCE COMMUNICATION SYSTEM, 3624 CONSUMER TRANSACTION FACILITY MODELS 2 AND 12 INSTALLATION INSTRUCTIONS
09	**GC31-2502-2		3600 FINANCE COMMUNICATION SYSTEM: 3624 CONSUMER TRANSACTION

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09	**GC31-2504-0		3600 FINANCE COMMUNICATION SYSTEM: 3624 CONSUMERS TRANSACTION FACILITY CLEANING PROCEDURES
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79	**GC33-0100-2		GRAPHICAL DATA DISPLAY MANAGER & PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH, GENERAL INFORMATION (CURRENT RELEASE)
79	**SC33-0101-2		GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH, USER'S GUIDE (CURRENT RELEASE)
79	**SC33-0102-1	**SN33-6290 **SN33-6294	GRAPHICAL DATA DISPLAY MANAGER PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH, USER'S GUIDE (CURRENT RELEASE)
79	**LC33-0103-1		GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH, DIAGNOSIS GUIDE & REFERENCE (CURRENT RELEASE)
79	**LC33-0104-1		GRAPHICAL DATA DISPLAY MANAGER PRESENTATION GRAPHICS FEATURE LIC PROG 5748-XXH, DIAGNOSIS GUIDE AND REFERENCE (CURRENT RELEASE)
79	GC33-0106-1		GDM/PPG, LIC PROG 5748-XXH, DESIGN OBJECTIVES
79	**GC33-0108-2		GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH PRESENTATION GRAPHICS FEATURE, SPECIFICATIONS (CURRENT RELEASE)
79	**SC33-0111-1		GRAPHICAL DATA DISPLAY MANAGER PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH, INTERACTIVE CHART UTILITY INTRODUCTORY COURSE (CURRENT RELEASE)
79	**SC33-0145-0		PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH, VECTOR SYMBOL EDITOR, USER'S GUIDE
79	**SC33-0148-0		GRAPHICAL DATA DISPLAY MANAGER AND PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH, APPLICATION PROGRAMMING GUIDE
32	GC33-5900-4	GN31-1009 GN31-1168	IBM 3790 COMMUNICATION SYSTEM, DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM, DOS/VSE USER'S GUIDE - SCP 5747-BW1
32	GC33-5901-3	GN31-1010 GN33-8963	IBM 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM, OS/VSI-OS/VSE USER'S GUIDE - SCP'S 5744-CG1 -CG2
32	GC33-5902-5	GN31-1169	IBM 3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION HOST SYSTEM TRANSMISSION GUIDE, SCP 5744-CG1, CG2, 5747-BW1
34	GC33-5903-3	GN31-0922 GN31-1170	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION, USER PROGRAMMABILITY GUIDE
60	**SC33-6086-0+		SMALL SYSTEM EXECUTIVE/VSE (SSX/VSE) ADMINISTRATION GUIDE
60	**SC33-6089-0+		SMALL SYSTEM EXECUTIVE/VSE MESSAGES AND CODES
60	**SC33-6090-0+		SMALL SYSTEM EXECUTIVE/VSE INSTALLATION
60	**SC33-6092-0+		SMALL SYSTEM EXECUTIVE/VSE PROBLEM DETERMINATION GUIDE
30	GC38-1011-4	GN27-1586 **GN30-3211	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVELS 4 & 5) MESSAGES
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30	GC66-0002-0	GN66-0011	3600 FINANCE COMMUNICATION SYSTEM 3614 PROGRAMMER'S GUIDE AND REFERENCE MANUAL WITH CONTROLLER DATA VERSION 5 AND 3600 HOST SUPPORT IR 3.0
14	GC66-0003-0		3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION FOR THE 3614 CONSUMER TRANSACTION FACILITY TRAVELERS CHECKS FEATURE RPQ 8C0059
14	GC66-0004-0		IBM 3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION FOR THE 3614 CONSUMER TRANSACTION FACILITY DEPOSIT ENVELOPE PRINTER RPQ MG 3746
30	GC66-0005-0		IBM 3600 FINANCE COMMUNICATION SYSTEM 3614 PROGRAMMER'S GUIDE AND REFERENCE MANUAL
14	GC66-0007-0		3600 FINANCE COMMUNICATION SYSTEM CUSTOM FEATURE DESCRIPTION FOR THE 3614 CONSUMER TRANSACTION FACILITY EXPANDED FUNCTIONS GROUP RPQ MJ1458
30	GC66-0008-1	GN31-7538	3600 FINANCE COMMUNICATION SYSTEM, 3624 PROGRAMMER'S GUIDE
30	GC66-0009-2	GN31-7539 GN31-7558	3600 FINANCE COMMUNICATION SYSTEM 3624 CONSUMER TRANSACTION FACILITY PROGRAMMER'S REFERENCE AND COMPONENT DESCRIPTIONS
30	GC66-0012-1	**GN31-7592 **GN31-7593	3600 FINANCE COMMUNICATION SYSTEM: 3614/3624 ERROR LOG ANALYSIS REPORT GENERATOR - USERS GUIDE
30	GC66-0013-2		3614/3624 CONSUMER TERMINAL ACCESS METHOD PROGRAMMING RPQ P830000, LIC PROG 5799-AZN, SPECIFICATIONS
30	SC66-0014-2	SN31-7517	3614/3624 CONSUMER TERMINAL ACCESS METHOD PROGRAMMING RPQ RPQ P830000, LIC PROG 5799-AZN, SYSTEMS GUIDE
30	SC66-0015-2	SN31-7518	3600 FINANCE COMMUNICATION SYSTEM, 3614/3624 CONSUMER TERMINAL ACCESS METHOD PROGRAMMING RPQ P830000 ADVANCED FUNCTION GUIDE, LIC PROG 5799-AZN
30	SC66-0016-2	SN31-7519	3614/3624 CONSUMER TERMINAL ACCESS METHOD, RPQ P830000, LIC PROG 5799-AZN, PROGRAM REFERENCE AND OPERATIONS
30	LC66-0017-2	LN31-7520	3614/3624 CONSUMER TERMINAL ACCESS METHOD, LIC PROG 5799-AZN, PROGRAMMING RPQ P830000, LOGIC
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79	GE19-5292-0		FINANCIAL MANAGEMENT SYSTEM: TRENDS IN FINANCIAL PLANNING AND CONTROL
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85 \*\*GG24-1551-0 CHECKSTAND DESIGN FOR THE SCANNING ENVIRONMENT  
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67 \*\*GH12-5062-0 INTERACTIVE FINANCIAL SYSTEM 3, OPEN-ITEM ACCOUNTING, LIC PROG  
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67 \*\*GH12-5063-0 INTERACTIVE FINANCIAL SYSTEM 4, PAYMENT PROCESSING, LIC PROG  
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80 \*\*GH12-5064-0 DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264  
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67 \*\*GH12-5120-5 INTERACTIVE FINANCIAL SYSTEM 1-4, LIC PROG 5746-F52, -F53 -F54,  
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81 GH12-5238-0 COMMUNICATION ORIENTED MESSAGE SYSTEM (CORMES) RELEASE 1, LEVEL  
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81 GH12-5239-1 INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5746-AM1 SPECIFICATIONS

73	GH12-5243-1			DOCUMENT TRANSLATION ASSISTANCE FACILITY LIC PROG 5740-SA1, SPECIFICATIONS
67	**GH12-5244-2*			DIRECT S.W.I.F.T. LINK LIC PROG 5746-F14, 5740-F15, 5740-F16, SPECIFICATIONS
81	GH12-5247-0			COST ACCOUNTING SYSTEM OS/VS, LIC PROG 5740-F52, RELEASE 1, MODIFICATION 0 SPECIFICATIONS
80	GH12-5249-0			DISTRIBUTED OFFICE SUPPORT SYSTEM/370 DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, 5740-XYK, SPECIFICATIONS
81	GH12-5250-0			COMMUNICATION ORIENTED MESSAGE SYSTEM (CORMES), LIC PROG 5668-007, SPECIFICATIONS
73	GH12-5251-0			DOCUMENT TRANSLATION ASSISTANCE FACILITY, LIC PROG 5740-SA3, SPECIFICATIONS
79	**GH12-5252-0			COPICS ONLINE ROUTING, LIC PROG 5746-XY1, 5740-XYX, SPECIFICATIONS
80	**GH12-5253-0			DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264, SPECIFICATIONS
67	**GH12-5256-0			INTERACTIVE FINANCIAL SYSTEM 2, PROFIT AND LOSS, BALANCE SHEET, AND FINANCIAL STATUS REPORTS, LIC PROG 5668-968, SPECIFICATIONS
67	**GH12-5257-0			INTERACTIVE FINANCIAL SYSTEM 3, OPEN-ITEM ACCOUNTING, LIC PROG 5668-969, SPECIFICATIONS
67	**GH12-5258-0			INTERACTIVE FINANCIAL SYSTEM 4, PAYMENT PROCESSING, LIC PROG 5668-970, SPECIFICATIONS
79	SH12-5313-0			CAPOSS-E IMPLEMENTATION GUIDE - PROG PROD 5740-M41, 5746-M41
67	SH12-5314-1	SN12-5132	SN12-5151	IBM SYSTEM/370 - DIRECT S.W.I.F.T. LINK - CICS/DOS/VS, PRPQ P71038 DESCRIPTION/OPERATIONS - PROG 5799-APA
67	SH12-5315-1	SN12-5133	SN12-5152	IBM SYSTEM/370 DIRECT S.W.I.F.T. LINE-CUSTOMER INFORMATION CONTROL SYSTEM/VIRTUAL STORAGE - PRPQ P71038 DESCRIPTION/OPERATIONS PROG PROD 5799-APB
67	SH12-5316-0	SN12-5134	SN12-5153	IBM SYSTEM/370 DIRECT S.W.I.F.T. LINK - IMS/VS, PRPQ P71039, DESCRIPTION/OPERATIONS, PROG 5799-APC
80	SH12-5318-0			IBM SYSTEM/370 STORAGE AND INFORMATION RETRIEVAL SYSTEM VIRTUAL STORAGE THESAURUS AND LINGUISTIC INTEGRATED SYSTEM ONLINE RETRIEVAL, PRPQ P71044, DESCRIPTION/OPERATIONS, PROG 5799-AQK (OS/VS)
80	SH12-5319-0			IBM SYSTEM/370 STORAGE AND INFORMATION RETRIEVAL SYSTEM VIRTUAL STORAGE THESAURUS AND LINGUISTIC INTEGRATED SYSTEM THESAURUS GENERATOR RPQ P71045, DESCRIPTION/OPERATIONS, PROG 5799-AQL (OS/VS)
79	SH12-5320-2	SN12-5169		S/370 ONLINE ROUTING, LIC PROG 5746-XXP, USER'S GUIDE
81	**SH12-5321-1			INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1 USER'S GUIDE
81	SH12-5322-3			COMMUNICATION ORIENTED MESSAGE SYSTEM, LIC PROG 5746-XXM, 5668-007, USER'S GUIDE
67	**SH12-5323-3			INTERACTIVE FINANCIAL SYSTEM 2, LIC PROG 5746-F53, 5668-968, PROGRAM REFERENCE AND OPERATIONS
67	SH12-5324-3	**SN12-5202		INTERACTIVE FINANCIAL SYSTEM 3, LIC PROG 5746-F54, 5668-969 PROGRAM REFERENCE & OPERATIONS
67	SH12-5325-3	**SN12-5203		INTERACTIVE FINANCIAL SYSTEM 4, LIC PROG 5746-F55, 5668-970 PROGRAM REFERENCE & OPERATIONS
81	SH12-5326-0	SN12-5104	SN12-5170	INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1, APPLICATIONS GUIDE
67	**SH12-5327-2			INTERACTIVE FINANCIAL SYSTEM 1-4, LIC PROG 5746-F52, -F53, -F54, -F55, 5668-967, -968, -969, -970 APPLICATION USER'S GUIDE
73	SH12-5332-1	SN12-5186	SN12-5194	DOCUMENT TRANSLATION ASSISTANCE FACILITY LIC PROG 5740-SA1, -SA3, USER'S GUIDE AND REFERENCE
81	**SH12-5333-1			COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, 5746-F58, USER'S GUIDE
80	**SH12-5335-1	**SN12-5212		DISTRIBUTED OFFICE SUPPORT SYSTEM/370, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, 5740-XYK, PROGRAM REFERENCE AND OPERATIONS
80	**SH12-5337-2	**SN12-5210		DISTRIBUTED OFFICE SUPPORT SYSTEM/370, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XY9, -XYK, INSTALLATION GUIDE
79	**SH12-5338-0			COPICS ONLINE ROUTING, LIC PROG 5746-XY1, 5740-XYX, USERS GUIDE
80	**SH12-5340-0			DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, PROBLEM DETERMINATION GUIDE
80	**SH12-5341-0	**SN12-5208	**SN12-5211	DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, INSTALLATION GUIDE
80	SH12-5400-4			STORAGE & INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/VS), LIC PROG 5740-XR1, PROGRAM REFERENCE
82	SH12-5403-0	SN12-5010	SN12-5073	MATRIX SYSTEM (MATSYS) (OS AND TSO) - PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-XM7
80	SH12-5421-2*			SYSTEM/370 (OS/VS) STAIRS - DL/I SYSTEM INSTALLATION GUIDE - PROG PROD 5740-XR7
79	SH12-5422-1	SN12-5157		CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED PLANNING SYSTEM, LIC PROG 5740-M41, 5746-M41, PROGRAM REFERENCE MANUAL VOLUME I
79	SH12-5423-1	SN12-5129	SN12-5136	CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED DATA BASE SYSTEM, LIC PROG 5740-M41, 5746-M41, PROGRAM REFERENCE MANUAL VOLUME II
80	SH12-5424-1*	SN12-5150	SN12-5184	SYSTEM/370 (OS/VS) STAIRS - DL/I DATA BASE ADMINISTRATOR'S GUIDE - PROG PROD 5740-XR7
67	SH12-5425-5	**SN12-5200		INTERACTIVE FINANCIAL SYSTEM 1, LIC PROG 5746-F52, 5668-967 PROGRAM REFERENCE
67	SH12-5426-0			IBM SYSTEM/370 DIRECT S.W.I.F.T. LINK (DSL) APPLICATION PROGRAMMER'S GUIDE (CICS/DOS/VS) PRPQ P71038, PROG 5799-APA
80	SH12-5427-0	SN12-5139	SN12-5148	STORAGE AND INFORMATION RETRIEVAL SYSTEM FOR DOS/VS, LIC PROG 5746-XE4 PROGRAM REFERENCE.
81	SH12-5428-1	SN12-5198		INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, SYSTEM PROGRAMMER'S GUIDE
81	SH12-5430-1	SN12-5190	SN12-5197	INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5746-AM1, SYSTEM PROGRAMMER'S GUIDE
67	SH12-5431-0			IBM SYSTEM/370 DIRECT S.W.I.F.T. LINK (DSL) PRPQ P71038 (CICS/VS), P71039 (IMS/VS) APPLICATION PROGRAMMER'S GUIDE - PROG 5799-APB (CICS/OS/VS), 5799-APC (IMS/VS)

81	SH12-5432-1	SN12-5196		INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, SYSTEM PROGRAMMER'S GUIDE
81	SH12-5433-3	SN12-5180		COMMUNICATION ORIENTED MESSAGE SYSTEM, LIC PROG 5746-XXM, 5668-007, PROGRAM REFERENCE
67	SH12-5436-1			SYSTEM/370 DIRECT S.W.I.F.T. LINK, LIC PROG 5746-F14, 5740-F15, 5740-F16, PROGRAM REFERENCE
67	SH12-5437-1			SYSTEM/370 DIRECT S.W.I.F.T. LINK, LIC PROG 5746-F14, 5740-F15, 5740-F16, SYSTEM AND APPLICATION PROGRAMMER'S GUIDE
81	**SH12-5438-1			COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, 5746-F58, PROGRAM REFERENCE VOLUME I: DATA BASE LOAD AND MAINTENANCE PROGRAMS
81	**SH12-5439-1			COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, 5746-F58, PROGRAM REFERENCE VOLUME II: APPLICATION PROGRAMS
80	**SH12-5440-0	**SN12-5207		DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, PROGRAM REFERENCE AND OPERATIONS
80	SH12-5500-6			STORAGE AND INFORMATION RETRIEVAL SYSTEM FOR OS/VSE (STAIRS/VSE), LIC PROG 5740-XR1, OPERATIONS GUIDE
82	SH12-5505-0*	SN12-5011		SYSTEM/360 AND SYSTEM/370 MATRIX SYSTEM (MATSYS) (OS AND TSO) - OPERATIONS MANUAL - PROGRAM PRODUCT 5734-XM7
72	SH12-5513-1	SN12-5120	SN12-5172	IBM SYSTEM/370 CHAINED FILE - DL/I BRIDGE (DOS/VSE AND OS/VSE) PROG. PROD. 5748-XX3, OPERATIONS GUIDE
80	SH12-5516-0*			SYSTEM/370 (OS/VSE) STAIRS - DL/I TERMINAL USER'S GUIDE - PROG PROD 5740-XR7
79	SH12-5517-1			CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED LIC PROG 5740-M41, OS/VSE OPERATIONS GUIDE.
79	SH12-5518-3	SN12-5163		CAPACITY PLANNING AND OPERATION SEQUENCING SYSTEM-EXTENDED LIC PROG 5746-M41, DOS/VSE OPERATIONS GUIDE
67	SH12-5519-5	**SN12-5199		INTERACTIVE FINANCIAL SYSTEM 1, LIC PROG 5746-F52, 5668-967 OPERATIONS GUIDE
80	SH12-5521-1			STORAGE AND INFORMATION RETRIEVAL SYSTEM FOR DOS/VSE LIC PROG 5746-XR4 OPERATIONS GUIDE
67	SH12-5522-1			SYSTEM/370 DIRECT S.W.I.F.T. LINK, 5746-F14, 5740-F15 5740-F16 OPERATIONS GUIDE
81	SH12-5524-0*			COST ACCOUNTING SYSTEM, LIC PROG 5746-F58 OPERATIONS GUIDE
67	SH12-5525-6	**SN12-5301		INTERACTIVE FINANCIAL SYSTEM 1-4, LIC PROG 5746-F52, -F53, -F54, -F55; 5668-967, -968, -969, -970, PROGRAM MESSAGES
81	SH12-5526-0			SYSTEM/370 AND IBM 4300 PROCESSORS COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, OPERATIONS GUIDE
81	SH12-5527-0			COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, 5746-F58 MESSAGES
80	**SH12-5528-0	**SN12-5209		DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, MESSAGES AND CODES
81	**SH12-5531-0			INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1, PROGRAM MESSAGES
78	GH12-6006-0			IBM VEHICLE SCHEDULING PROGRAM EXTENDED (DOS AND DOS/VSE) PROGRAM PRODUCT FUNCTIONAL DESCRIPTION - PROG PROD 5736-XM3
78	GH12-6007-0			IBM VEHICLE SCHEDULING PROGRAM - EXTENDED (OS AND OS/VSE) VERSION 1, MODIFICATION LEVEL 2 FUNCTIONAL DESCRIPTION PROG PROD 5734-XM5
67	GH12-6008-2			DIRECT S.W.I.F.T. LINK - CICS/VSE PRPQ 5799-APA (DOS/VSE), 5799-APB (OS/VSE), FUNCTIONAL DESCRIPTION
67	GH12-6009-1			DIRECT SWIFT LINK IMS/VSE, PRPQ 5799-APC, FUNCTIONAL DESCR
67	GH12-6010-0			IBM DIRECT S.W.I.F.T. LINK, LIC PROG 5799-APA (CICS/DOS/VSE R2), 5799-APB (CICS/OS/VSE R2), 5799-APL (CICS/IMS/VSE R1), FUNCTIONAL DESCRIPTION
79	GH19-1008-2*	GN19-6131		SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL & PL/I: APPLICATION MANUAL, PROG. PROD. 5734-XR2
79	SH19-1009-2*	SN19-6132		SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I PROGRAM DESCRIPTION MANUAL - PROGRAM PRODUCT 5734-XR2
79	SH19-1010-1*	SN19-5096	SN19-6133	SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I OPERATION MANUAL - PROGRAM NUMBER 5734-XR2
79	SH19-1030-1*			STAF/OS PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5734-XA2
79	SH19-1031-0*	SN19-6094		IBM SYSTEM/360 AND SYSTEM/370 STATISTICAL ANALYSIS OF FILES (STAF/OS) OPERATIONS GUIDE - PROGRAM PRODUCT 5734-XA2
81	GH19-1038-1			BUDGETS & PLANS GENERATOR (BUDPLAN): GENERAL INFORMATION, PROG. PROD. 5734-F51 (OS VERSION), 5746-F51 (DOS/VSE)
81	SH19-1040-2	SN19-1038	SN19-6213	SYSTEM/360 AND SYSTEM/370 BUDGETS AND PLANS GENERATOR (BUDPLAN): PROGRAM REFERENCE MANUAL, PROG. NO. 5734-F51
81	SH19-1041-2	SN19-1037		IBM SYSTEM/360 AND SYSTEM/370 BUDGETS AND PLANS GENERATOR (BUDPLAN) OPERATIONS GUIDE - PROG PROD 5734-F51
81	GH19-1042-1*			BUDGETS AND PLANS GENERATOR (BUDPLAN) SPECIFICATIONS S/360/370 OS AND OS/VSE - PROGRAM PRODUCT 5734-F51
81	GH19-1055-3			PROJECT ANALYSIS AND CONTROL SYSTEM, LIC PROG 5746-XP1, 5740-XP1, GENERAL INFORMATION
81	SH19-1061-0			SYSTEM/370 DOS/VSE BUDGETS AND PLANS GENERATOR (BUDPLAN) PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5746-F51
81	SH19-1062-1	SN19-1040		BUDPLAN DOS/VSE OPERATOR'S GUIDE - PROGRAM PRODUCT 5746-F51
72	SH19-1069-0	SN19-1012	SN19-6249	IBM SYSTEM/3 AND SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL BASIC CONTOURING (APT-BC) PROG. REFERENCE MANUAL PROG. NOS. 5702-XN1 (S/3) & 5746-XN1 (S/370 DOS/VSE)
72	SH19-1070-1			IBM SYSTEM/370 (DOS/VSE) AUTOMATICALLY PROGRAMMED TOOL BASIC CONTOURING (APT-BC) OPERATIONS GUIDE PROG. PROD. 5746-XN1
79	GH19-1074-1*			IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR PL/I AND COBOL - GENERAL INFORMATION - PROG. PRODS. 5746-XR2 (DOS/VSE), 5740-XR4 (OS/VSE)
79	GH19-1076-1*			S/370 DECISION TABLE TRANSLATOR DOS/VSE (DECTAT), LIC PROG 5746-XR2, SPECIFICATIONS
79	SH19-1077-0	SN19-6240		IBM SYSTEM/370 DECISION TABLE TRANSLATOR DOS/VSE (DECTAT) REFERENCE - PROG. NO. 5746-XR2
79	SH19-1078-0	SN19-6241		IBM SYSTEM/370 DECISION TABLE TRANSLATOR DOS/VSE (DECTAT) OPERATIONS GUIDE - PROG. NO. 5746-XR2
81	GH19-1079-2			IBM S/370 PROJECT ANALYSIS & CONTROL SYSTEM PROJACS SPECIFICATIONS, PROGRAM PRODUCT 5746-XP1
81	SH19-1080-3	SN19-1125	SN19-1134	IBM S/370 PROJECT ANALYSIS AND CONTROL SYSTEM (PROJACS) PROGRAM

	SN19-6679	**SN19-6732	REFERENCE MANUAL - PROG. PRODS. 5746-XP1 (DOS/VVS), 5740-XP1 (OS/VVS)
81	**SH19-1081-3		PROJECT ANALYSIS AND CONTROL SYSTEM, LIC PROG 5746-XP1 OPERATIONS GUIDE
82	GH19-1090-4		MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) LIC PROG 5740-XM3, 5746-XM2, GENERAL INFORMATION
82	GH19-1091-1		IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) PRIMER, LIC PROG 5740-XM3, 5746-XM2, RELEASE 1 MODIFICATION 6
82	GH19-1093-2		MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) MIXED INTEGER PROGRAMMING/370 (MIP/370), LIC PROG
82	SH19-1094-2		IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) CONTROL LANGUAGES, LIC PROG 5740-XM3, 5746-XM2
82	SH19-1095-3	SN19-6708	IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) LIC PROG 5740-XM3, 5746-XM2, REFERENCE RELEASE 1 MODIFICATION 6
82	SH19-1096-1	SN19-1130	IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) MESSAGES - PROG. PRODS. 5740-XM3, 5746-XM2
82	SH19-1097-3	SN19-1135	MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MSPX/370), LIC PROG 5740-XM3 (OS/VVS), OPERATIONS GUIDE
82	SH19-1098-3	SN19-6710	IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) OPERATIONS GUIDE (DOS/VVS) LIC PROG 5746-XM2
79	SH19-1101-0*		IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) OS/VVS PL/I AND COBOL - PROG. PROD. 5740-XR4, REFERENCE
79	SH19-1102-0*		DECTAT OS/VVS - DECISION TABLE TRANSLATOR FOR PL/I AND COBOL, PROG PROD 5740-XR4, OPERATIONS GUIDE
81	**GH19-1103-5		PLANCODE/I, LIC PROG 5740-XX8, 5740-XX9, 5746-XX9, 5746-XXA GENERAL INFORMATION (CURRENT RELEASE)
81	**SH19-1106-4		SYSTEM/370 PLANNING, CONTROL, AND DECISION EVALUATION SYSTEM/S (PLANCODE/S), LIC PROG 5740-XX9, 5746-XXA 5746-XXA (DOS/VVS) REFERENCE
81	SH19-1108-1	SN19-1091	PLANCODE/S-OS/VVS OPERATIONS GUIDE, PROG PROD 5740-XX9
75	GH19-1110-1*	SN19-1113	SYSTEM/370 DOS/VVS CONTINUOUS PROCESS PLANT SCHEDULING SYSTEMS (CPPS-DOS/VVS) GENERAL INFORMATION PRPQ 7S-0150, PROG 5799-ANJ
75	SH19-1112-1		SYSTEM/370 DOS/VVS CONTINUOUS PROCESS PLANT PLANT SCHEDULING SYSTEM REFERENCE, PROGRAMMING PRPQ 7S0150 AND LIC PROG 5799-ANJ
75	SH19-1113-2		SYSTEM/370 DOS/VVS CONTINUOUS PLANT SCHEDULING SYSTEM OPERATIONS GUIDE PRPQ 7S0150 LIC PROG 5799-ANJ
81	GH19-1120-1		SYSTEM/370 DOS/VVS PLANNING, CONTROL AND DECISION EVALUATION SYSTEM/S (PLANCODE/S) DOS/VVS, LIC PROG 5746-XXA, SPECIFICATIONS
81	SH19-1121-1		IBM SYSTEM/370 PLANNING, CONTROL, AND DECISION EVALUATION SYSTEM/STANDARD (PLANCODE/S) - DOS/VVS - OPERATIONS GUIDE - LIC PROG, 5746-XXA
81	GH19-1122-4*		CONTINUOUS PROCESS PLANT SCHEDULING (CPPS) DOS/VVS, PRPQ 7S0150, LIC PROG 5799-ANJ, SPECIFICATIONS SPECIFICATIONS
81	SH19-1123-3		PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, PROGRAM REFERENCE (CURRENT RELEASE)
81	SH19-1124-3		PLANCODE/I, LIC PROG 5740-XX8, OPERATIONS GUIDE (CURRENT RELEASE)
81	SH19-1126-2	SN19-1141	SYSTEM/370 PLANNING, CONTROL, AND DECISION EVALUATION SYSTEM/INTERACTIVE (PLANCODE/I) DOS/VVS OPERATIONS GUIDE PROG PROD 5746-XX9
82	SH19-1127-0	SN19-1097	IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 (MPSX/370) BASIC REFERENCE MANUAL PROG PROD 5740-XM3 (OS/VVS) - 5746-XM2 (DOS/VVS)
72	GH19-1140-0	SN19-6712	IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) PROG PROD 5746-XN1 (DOS/VVS), FUNCTIONAL DESCRIPTION
81	SH19-1143-1		SYSTEM/370, PROJECT ANALYSIS AND CONTROL SYSTEM APPLICATIONS USER'S GUIDE, LIC PROG 5746-XP1 (DOS/VVS), 5740-XP1 (OS)
81	GH19-1144-0		PLANCODE/I OS/VVS RELEASE 2, PROG PROD 5740-XX8, DESIGN OBJ
81	GH19-1146-2		SYSTEM/370 DOS/VVS PLANNING, CONTROL, AND DECISION EVALUATION SYSTEM/INTERACTIVE (PLANCODE/I DOS/VVS), LIC PROG 5746-XX9, SPECIFICATIONS
82	SH19-1147-0		IBM MATHEMATICAL PROGRAMMING SYSTEM EXTENDED/370 INTRODUCTION TO THE EXTENDED CONTROL LANGUAGE, LIC PROG 5740-XM3 (OS/VVS) 5746-XM2 (DOS/VVS)
81	**GH19-1148-0		CONVERSATIONAL AND INTERACTIVE PROJECT EVALUATION AND CONTROL (CIPREC), LIC PROG 5740-XC3, 5746-XC3, DESIGN OBJECTIVES
81	**GH19-1150-0		CONVERSATIONAL AND INTERACTIVE PROJECT EVALUATION AND CONTROL, LIC PROG 5746-XC3, 5740-XC3, GENERAL INFORMATION
79	GH19-1155-0*		SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) OS/VVS FOR PL/I AND COBOL, LIC PROG 5740-XR4, FUNCTIONAL DESCRIPTION
78	GH19-2000-0	GN12-5041	IBM VEHICLE SCHEDULING PROGRAM--EXTENDED GENERAL INFORMATION MANUAL PROGRAM NUMBERS 5734-XM5 (OS), 5736-XM3 (DOS)
78	SH19-2304-0	SN12-5000	SN12-5040
78	SH19-2607-0	SN12-5001	SN12-5036
78	SH19-2608-1		IBM VEHICLE SCHEDULING PROGRAM - EXTENDED (OS) OPERATIONS MANUAL, PROGRAM NUMBER 5734-XM5
81	GH19-4000-1		IBM VEHICLE SCHEDULING PROGRAM - EXTENDED (DOS) OPERATIONS MANUAL, PROGRAM NUMBER 5736-XM3
81	SH19-4001-0	SN19-1052	SN19-6140
81	SH19-4002-2		FORECASTING AND MODELING SYSTEM (FAMS) GENERAL INFORMATION MANUAL - PROGRAM PRODUCTS 5736-XS4 (DOS VERSION), 5734-XS7 (OS VERSION)
82	GH19-5012-1	GN19-5102	FORECASTING & MODELING SYSTEM (FAMS) OPERATIONS GUIDE PROG. PROD. 5736-XS4 (DOS), 5734-XS7 (OS)
82	SH19-5014-0		MATRIX GENERATOR & REPORT WRITER, LIC PROG 5734-XMC, GENERAL INFORMATION
72	SH19-5029-0	SN19-5080	MATRIX GENERATOR & REPORT WRITER, LIC PROG 5734-XMC, REFERENCE SYSTEM/370 APT-BP, SYSTEM/370 APT-IC, AND SYSTEM/370 APT-AC
82	GH19-5041-3		NUMERICAL CONTROL PROCESSORS, LIC PROG 5740-M51, -M52, -M53, PROGRAM REFERENCE VOL 2
82	GH19-5042-1	GN19-5103	IBM SYSTEM/360 AND SYSTEM/370 MATRIX GENERATOR AND REPORT WRITER (MGRW) PROGRAM NO. 5734-XMC SPECIFICATIONS
			MATRIX GENERATOR AND REPORT WRITER (MGRW) PRIMER PROGRAM PRODUCT 5734-XMC

63	SH19-5069-2*		SYSTEM/370 STRATEGY EVALUATION & PLANNING SYSTEM-PRODUCTION LIC PROG 5746-XX2 (DOS/V), 5740-XXB (OS/V), PROGRAM REFERENCE
63	GH19-5071-1*		IBM SYSTEM/370 STRATEGY EVALUATOR AND PLANNING SYSTEM PRODUCTION (STEPS - PRODUCTION 5746-XX2) REFERENCE CARD
63	GH19-5096-2*		IBM SYSTEM/370 STRATEGY EVALUATOR AND PLANNING SYSTEM PRODUCTION (STEPS-PRODUCTION) PROGRAM PRODUCT 5740-XXB (OS/V), NOTICE
78	GH19-6012-0		IBM SYSTEM/370 CONTROL PROGRAM SIMULATOR-EXTENDED (CPSIM-E) GENERAL INFORMATION, PRPQ P73029, 5799-ALG
83	GH19-6023-2*		TELEPROCESSING NETWORK SIMULATOR (TPNS) - RELEASE 30, LIC PROG 5740-XT4, DESIGN OBJECTIVES
80	GH19-6025-0		S/370 ATMS II, LIC PROG 5740-XXV (OS/V), 5746-XXG (DOS/V), GENERAL INFORMATION
80	GH19-6026-0*		IBM SYSTEM/370 ADVANCED TEXT MANAGEMENT SYSTEM II RELEASE 1 MODIFICATION 0 SPECIFICATIONS, PROG PROD 5740-XXV (ATMS-II-OS/V), PROG PROD 5746-XXG (ATMS-II/DOS/V)
81	GH19-6027-1		OPERATIONS PLANNING AND CONTROL-ENTRY (OPC-ENTRY), PROG PROD 5740-XT7, GENERAL INFORMATION
81	GH19-6028-2		CHANGE MANAGEMENT/TRACKING DP ACCOUNTING FOR IMS/V LIC PROG 5740-DC1, 5740-DC2 5740-DC4, GENERAL INFORMATION
81	SH19-6029-2		INSTALLATION MANAGEMENT: CHANGE MANAGEMENT/TRACKING (CM/T) DP ACCOUNTING FOR IMS/V (DPA), SERVICE LEVEL REPORTER (SLR), REFERENCE - PROG PROD 5740-DC1 THROUGH 5740-DC4
81	SH19-6031-2		OPC-ENTRY SCHEDULER'S GUIDE - PROG PROD 5746-XT7 (OS/V)
81	SH19-6032-2		OPC-ENTRY INSTALLATION AND LOGIC, PROG PROD 5740-XT7 (OS/V)
81	GH19-6036-0		IBM PROGRAM PRODUCT DESIGN OBJECTIVES CHANGE MANAGEMENT/ TRACKING (CM/T) PROGRAM NUMBER 5740-DC1, CHANGE TRACKER (CT) PROGRAM NUMBER 5740-DC4 OS/V
81	GH19-6038-0		IBM PROGRAM PRODUCT DESIGN OBJECTIVES: DP ACCOUNTING FOR IMS/V (DPA), PROGRAM NUMBER 5740-DC2 OS/V
81	GH19-6040-0		SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, DESIGN OBJECTIVES
81	GH19-6041-2*		SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, SPECIFICATIONS
63	SH19-6045-1*	SN19-6682 **SN19-6737	TERMINAL BUSINESS SYSTEM/V ANALYST'S GUIDE
63	SH19-6046-3	**SN19-6738	TERMINAL BUSINESS SYSTEM/V APPLICATION PROGRAMMER'S REFERENCE MANUAL
81	SH19-6051-3		CHANGE MANAGEMENT/TRACKING, CHANGE TRACKER, DP ACCOUNTING FOR IMS/V, LIC PROG 5740-DC1, -DC4, -DC2, MESSAGES AND CODES
81	**GH19-6120-2		INSTALLATION MANAGEMENT OPERATIONS PLANNING AND CONTROL, LIC PROG 5740-XT9, GENERAL INFORMATION
81	**GH19-6122-2		OPERATIONS PLANNING AND CONTROL, LIC PROG 5740-XT9, SPECIFICATIONS
81	**SH19-6123-2		OPERATIONS PLANNING AND CONTROL, LIC PROG 5740-XT9, SCHEDULER'S GUIDE
81	**SH19-6124-2		OPERATIONS PLANNING AND CONTROL LIC PROG 5740-XT9 WORK STATION OPERATOR'S GUIDE INSTALLATION MANAGEMENT RELEASE 2
81	**SH19-6125-2		OPERATIONS PLANNING AND CONTROL, LIC PROG 5740-XT9 MESSAGES AND DIAGNOSIS GUIDE INSTALLATION MANAGEMENT
81	SH19-6126-2		OPERATIONS PLANNING AND CONTROL, LIC PROG 5740-XT9, INSTALLATION AND LOGIC
81	SH19-6145-0		INSTALLATION MANAGEMENT, CHANGE MANAGEMENT/TRACKING, LIC PROG 5740-DC1, USER'S GUIDE
81	SH19-6146-0	SN19-6511	INSTALLATION MANAGEMENT CHANGE MANAGEMENT/TRACKING SYSTEM LIC PROG 5740-DC1, PROGRAMMER'S GUIDE
81	SH19-6147-0		INSTALLATION MANAGEMENT DP ACCOUNTING FOR IMS/V, LIC PROG 5740-DC2, USER'S GUIDE
81	SH19-6148-0	SN19-6513	INSTALLATION MANAGEMENT, DP ACCOUNTING FOR IMS/V LIC PROG 5740-DC2, SYSTEM PROGRAMMER'S GUIDE
81	SH19-6149-2		INSTALLATION MANAGEMENT, SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, USER'S GUIDE
81	SH19-6150-2		INSTALLATION MANAGEMENT SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, SYSTEM PROGRAMMER'S GUIDE
14	SH19-6166-0*	SN19-6623	3650 PROGRAMMABLE STORE SYSTEM HOST SUPPORT SUBSYSTEM GENERATION GUIDE, LIC PROG 5799-WRD, -WRE
81	GH19-6169-2		INSTALLATION MANAGEMENT SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, GENERAL INFORMATION
78	GH19-6182-0		4300 AND SYSTEM/370 AIRLINE CONTROL SYSTEM/VSE PROGRAMMING RPQ X99907, LIC PROG 5799-BBZ, GENERAL INFORMATION
78	GH19-6183-1*		AIRLINE CONTROL SYSTEM/VSE, PRPQ X99907 LIC PROG 5799-BBZ SPECIFICATIONS
78	SH19-6185-0		AIRLINE CONTROL SYSTEM/VSE PRPQ X99907, LIC PROG 5799-BBZ, SYSTEM PROGRAMMER MANUAL
78	SH19-6186-0		AIRLINE CONTROL SYSTEM, VSE (ALCS/VSE), LIC PROG 5799-BBZ, PRPQ X99907, OPERATOR GUIDE
81	SH19-6189-0		SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, MESSAGES, ABEND CODES, AND DIAGNOSIS GUIDE
81	GH19-6190-0		SERVICE LEVEL REPORTER, LIC PROG 5740-DC3, SPECIFICATIONS
81	**GH19-6191-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, GENERAL INFORMATION
81	**GH19-6192-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE MULTIPLE LEDGER SYSTEM, LIC PROG 5666-263, USER'S GUIDE
81	**SH19-6193-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, FINANCIAL MANAGEMENT DISPLAY SYSTEM USER'S GUIDE
81	**SH19-6195-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, BATCH OUTPUT SYSTEM PROGRAMMER'S GUIDE
81	**SH19-6196-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, INSTALLATION AND SAMPLE PROBLEMS
81	**GH19-6198-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, SPECIFICATIONS
81	GH19-6200-0		CHANGE MANAGEMENT/TRACKING (CM/T), LIC PROG 5740-DC1, CHANGE TRACKER (CT), LIC PROG 5740-DC4, FUNCTIONAL DESCRIPTION
81	GH19-6201-0		DP ACCOUNTING FOR IMS/V (DPA), LIC PROG 5740-DC2, FUNCTIONAL DESCRIPTION
81	GH19-6202-0		OPERATIONS PLANNING AND CONTROL-ENTRY, LIC PROG 5740-XT7, FUNCTIONAL DESCRIPTION
81	**GH19-6213-0		SERVICE LEVEL REPORTER, VERSION 2, LIC PROG 5668-966, GENERAL INFORMATION

81	**GH19-6214-1			SERVICE LEVEL REPORTER, LIC PROG 5668-966, SPECIFICATIONS
81	**SH19-6215-0			SERVICE LEVEL REPORTER (SLR), LIC PROG 5668-966, USER'S GUIDE
81	**SH19-6216-0			SERVICE LEVEL REPORTER, LIC PROG 5668-966, SYSTEM PROGRAMMER'S GUIDE
81	**SH19-6217-0			SERVICE LEVEL REPORTER, LIC PROG 5668-966, MESSAGES, ABEND CODES, AND DIAGNOSIS GUIDE
81	**SH19-6245-0			SERVICE LEVEL REPORTER, LIC PROG 5668-966, PROGRAM REFERENCE
83	GH19-7000-1	GN09-1200	GN19-0117	CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III) GRAPHIC
		GN19-0151	GN19-0176	FEATURE, LIC PROG 5734-XS9, GENERAL INFORMATION
83	SH19-7001-3			CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III), LIC PROG 5734-XS9, REFERENCE
83	SH19-7002-1	SN09-1202	SN19-0180	CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III) OPERATIONS GUIDE - PROGRAM NUMBER 5734-XS9
83	SH19-7003-1	SN19-0179		CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III) GRAPHIC FEATURE - PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-XS9
83	SH19-7004-1	SN09-1201	SN19-0181	CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III), LIC PROG 5734-XS9, GRAPHIC FEATURE OPERATIONS GUIDE
83	GH19-7010-0			CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III), LIC PROG 5734-XS9, GRAPHIC FEATURE SPECIFICATIONS
71	GH20-0283-4	GN20-2900		PROPERTY & LIABILITY INFORMATION SYSTEM (PALIS), PROGRAM NUMBERS 360A-IF-10X, 360A-IF-11X, 360-A-IF-13X 5736-N21, -N22, -N24, -N25, APPLICATION DESCRIPTION 360A-IF-10X/11X/13X
71	GH20-0499-1			PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS) AUTOMOBILE PREMIUM PROCESSING PROGRAM DESCRIPTION AND SYSTEM MANUAL PROGRAM NUMBERS: 360A-IF-11X, 5736-N21
71	GH20-0501-0			PROPERTY & LIABILITY INFORMATION SYSTEM (PALIS), PROGRAM NOS. 360A-IF-10X, -11X, -13X, 5736-N21, PROGRAM DESCRIPTION
76	GH20-0532-4	GN20-2814		SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR ELECTRIC UTILITY INDUSTRY WITH POWER FLOW OUTPUT, CAPACITY FEATURE, SHORT CIRCUIT RO FEATURE LIC PROG 5736-U12 APPLICATION DESCRIPTION
82	GH20-0558-2			SYSTEM/360/370 ARRAY PROCESSING SUBROUTINE PACKAGE, LIC PROG 5736-P71, -P72, APPLICATION DESCRIPTION
82	SH20-0619-1			SYSTEM/360/370 ARRAY PROCESSING SUBROUTINE PACKAGE, LIC PROG 5736-P71, -P72, PROGRAM DESCRIPTION
82	GH20-0621-1			SYSTEM/360/370 ARRAY PROCESSING SUBROUTINE PACKAGE FOR OS AND OS/VS, LIC PROG 5736-P72, OPERATIONS
72	GH20-0627-3			SYSTEM/360 CAPACITY PLANNING - INFINITE PLANNING, FINITE PLANNING, LIC PROG 5736-M11, -M12, APPLICATION DESCRIPTION
63	GH20-0721-3			SYSTEM/360 CONSUMER GOODS SYSTEM (COGS), LIC PROG 5736-D31, 5734-D32, APPLICATION DESCRIPTION
63	GH20-0722-4	GN20-3110		SYSTEM/360 CONSUMER GOODS SYSTEM (COGS) FORECASTING, LIC PROG 5736-D32 (DOS), 5734-D33 (OS), APPLICATION DESCRIPTION
72	GH20-0751-1	GN20-3088	GN20-3507	OS/360 REQUIREMENTS PLANNING, LIC PROG 5734-M51, APPLICATION DESCRIPTION
72	GH20-0752-1	GN20-3077	GN20-3601	OS/360 INVENTORY CONTROL APPLICATION, LIC PROG 5734-M52, APPLICATION DESCRIPTION
72	GH20-0753-2	GN20-3112	GN20-3272	SYSTEM/360 SHOP FLOOR CONTROL APPLICATION, LIC PROG 5736-M31
		GN20-3337	GN20-3511	APPLICATION DESCRIPTION
72	GH20-0754-1	GN20-3111	GN20-3271	SYSTEM/360 SHOP FLOOR CONTROL DATA BASE MANUAL PROGRAM NUMBER 5736-M31
72	GH20-0771-2	GN20-3510		SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR APPLICATION DESCRIPTION MANUAL PROGRAM NUMBER 5736-XX4
72	SH20-0776-0	GN20-3431		OS/360 INVENTORY CONTROL PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-M52
72	SH20-0777-3	SN20-3508		OS/360 REQUIREMENTS PLANNING PROGRAM DESCRIPTION MANUAL PROGRAM NUMBER 5734-M51
72	SH20-0778-1	SN20-3086	SN20-3342	OS/360 INVENTORY CONTROL OPERATIONS MANUAL PROGRAM NUMBER 5734-M52
		SN20-3600		
72	SH20-0782-3	SN20-3509		OS/360 REQUIREMENTS PLANNING PROGRAM PRODUCT 5734-M51 OPERATIONS MANUAL
67	GH20-0789-3	GN20-3306		BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3: APPLICATION DESCRIPTION, PROGRAM PRODUCT 5746-F31
72	SH20-0790-2	SN20-3505		S/360 REQUIREMENTS PLANNING INTERFACE, LIC PROG 5736-M13, DESCRIPTION
72	SH20-0791-1	SN20-3506		SYSTEM/360 REQUIREMENTS PLANNING INTERFACE (5736-M13) OPERATIONS MANUAL
72	SH20-0795-3	SN20-3515		SYSTEM/360 CAPACITY PLANNING OPERATIONS MANUAL PROGRAM PRODUCT 5736-M11, PROGRAM PRODUCT 5736-M12
72	SH20-0796-2	SN20-3377	SN20-3514	SYSTEM/360 CAPACITY PLANNING - INFINITE LOADING SYSTEM/360 CAPACITY PLANNING - FINITE LOADING PROGRAM DESCRIPTION MANUAL PROGRAM NUMBERS 5736-M11, 5736-M12
78	SH20-0798-3			TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) DATA PREPARATION MANUAL 5736-T21
63	SH20-0803-3	SN20-3093		CONSUMER GOODS SYSTEM (COGS) FORECASTING (DOS) (OS) OPERATIONS MANUAL, PROGRAM NUMBERS DOS 5736-D32, OS 5734-D33
63	SH20-0804-4			SYSTEM/360 CONSUMER GOODS SYSTEM (COGS) FORECASTING PROGRAM DESCRIPTION MANUAL (PROGRAM NUMBER 5736-D32)
78	SH20-0811-0			TRAFFIC PROFILE ANALYSIS SYSTEM 5736-T22, PROGRAM DESCRIPTION AND OPERATION MANUAL
78	SH20-0812-2			TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) PROGRAM DESCRIPTION AND OPERATIONS MANUAL PROGRAM NUMBER 5736-T21
63	SH20-0820-3	SN20-3426		CONSUMER GOODS SYSTEM (COGS) ALLOCATION (DOS) (OS) OPERATIONS MANUAL, LIC PROG 5736-D31 (DOS), 5734-D32 (OS)
63	SH20-0821-4			CONSUMER GOODS SYSTEM (COGS) ALLOCATION (DOS) (OS) PROGRAM DESCRIPTION, PROGRAM NUMBERS DOS 5736-D31, OS 5734-D32
83	GH20-0825-0	GN20-3044	GN20-3584	GENERAL PURPOSE SIMULATION SYSTEM V (OS) APPLICATION DESCRIPTION MANUAL PROGRAM NUMBER 5734-XS2
83	GH20-0826-0			GENERAL PURPOSE SIMULATION SYSTEM V (DOS) APPLICATION DESCRIPTION MANUAL, PROGRAM NUMBER 5736-XS3
72	SH20-0827-1	SN20-3512		SYSTEM/360 SHOP FLOOR CONTROL 5736-M31 OPERATOR'S MANUAL
72	SH20-0828-2			SHOP FLOOR CONTROL, PROGRAM NUMBERS 5736-M31 (DOS), 5734-M31 (OS) - PROGRAM DESCRIPTION MANUAL
72	SH20-0830-4	SN20-3432	SN20-3473	SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR 5736-XX4 OPERATIONS MANUAL
82	GH20-0849-3	GN20-3104		INTRODUCTION TO MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) -

83	SH20-0851-2			PROGRAM PRODUCT MANUAL - PROGRAM NUMBER 5734-XM4 GENERAL PURPOSE SIMULATION SYSTEM V USER'S MANUAL, PROG. NOS. 5734-XS2 (OS) AND 5736-XS3 (DOS)
81	GH20-0852-2			INTRODUCTION TO MINIPERT, LIC PROG 5734-XP3
82	GH20-0854-1			PROCEDURE LIBRARY-MATHEMATICS (PL-MATH) GENERAL INFORMATION MANUAL, PROGRAM NUMBER 5734-XM3
83	SH20-0866-1	SN20-2473	SN20-3045	GENERAL PURPOSE SIMULATION SYSTEM V INTRODUCTORY USER'S MANUAL, PROG. NOS. 5734-XS2 (OS) AND 5736-XS3 (DOS)
		**SN20-3309	SN20-3582	
83	SH20-0867-3	SN20-3581		GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS) OPERATIONS MANUAL PROGRAM NUMBER 5734-XS2
83	SH20-0868-2			GENERAL PURPOSE SIMULATION SYSTEM V-DOS/VIS OPERATIONS MANUAL, PROGRAM NUMBER 5736-XS3
82	SH20-0908-1			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) MIXED INTEGER PROGRAMMING (MIP): PROGRAM DESCRIPTION, PROG. PROD. 5734-XM4
82	SH20-0924-2			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX), OPERATIONS MANUAL - PROGRAM NUMBER 5734-XM4
82	SH20-0932-0			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) CONTROL LANGUAGE USER'S MANUAL, PROGRAM NUMBER 5734-XM4
63	GH20-0935-1			IBM FASHION REPORTER: APPLICATION DESCRIPTION, PROG. NO. 5736-D11
82	SH20-0959-1	SN20-3105		MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) MESSAGE MANUAL, PROGRAM NUMBER 5734-XM4
82	SH20-0960-0			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) READ COMMUNICATIONS FORMAT (READCOMM) PROGRAM DESCRIPTION MANUAL, PROGRAM NUMBER 5734-XM4
72	GH20-0961-1	GN20-3140		BILL PROCESSOR SYSTEMS - IMS/360 BRIDGE, APPLICATION DESCRIPTION MANUAL, PROGRAM NUMBER 5734-XX9
82	SH20-0968-1	SN20-3106		MPSX LINEAR AND SEPARABLE PROGRAMMING, PROGRAM DESCRIPTION MANUAL, PROGRAM NUMBER 5734-XM4
72	SH20-0978-1	SN20-3518		OS CAPACITY PLANNING - INFINITE LOADING, OS CAPACITY PLANNING - FINITE LOADING, OPERATIONS MANUAL PROGRAM NUMBERS 5734-M53 AND 5734-M54
82	SH20-0985-0	SN20-2443		PROCEDURE LIBRARY - MATHEMATICS (PL-MATH) PROGRAM DESCRIPTION MANUAL, PROGRAM NUMBER 5734-XM3
72	SH20-0986-0	SN20-3114	SN20-3517	OS SHOP FLOOR CONTROL OPERATIONS MANUAL PROGRAM NUMBER 5734-M31
64	GH20-0987-4			COURSEWRITER III, VERSION 3 APPLICATION DESCRIPTION MANUAL PROGRAM NUMBERS 5734-E13, 5736-E11
82	SH20-0988-0	SN20-2446		PROCEDURE LIBRARY - MATHEMATICS (PL-MATH) OPERATIONS MANUAL, PROGRAM NUMBER 5734-XM3
81	SH20-0995-0			MINIPERT, LIC PROG 5734-XP3, DESCRIPTION/OPERATIONS
67	SH20-0997-1	SN20-3156	SN20-3307	BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3 -- PROGRAM DESCRIPTION VOL. 1: NARRATIVE, PROG. NO. 5746-F31
67	SH20-0998-1	SN20-3157		BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3 -- PROG. DESCRIPTION VOL. 2: RECORD LAYOUTS, PROG. 5746-F31
67	SH20-0999-2	SN20-3308		BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3: OPERATIONS MANUAL, PROG. NO. 5746-F31
67	GH20-1008-2			CHECK PROCESSING CONTROL SYSTEM (CPCS) & CPCS/3890 FEATURE: GENERAL INFORMATION MANUAL - PROG. PROD. 5734-F11
64	SH20-1009-2			COURSEWRITER III, VERSION 3 AUTHOR'S GUIDE - OPERATING SYSTEM AND DISK OPERATING SYSTEM PROGRAM NUMBERS 5734-E13, 5736-E11
64	SH20-1010-4			COURSEWRITER III, VERSION 3 STUDENT/MONITOR USER'S GUIDE OPERATING SYSTEM AND DISK OPERATING SYSTEM PROGRAM NUMBERS 5734-E13, 5736-E11
64	SH20-1011-3			COURSEWRITER III, VERSION 3 SUPERVISOR'S GUIDE OPERATING SYSTEM AND DISK OPERATING SYSTEM PROGRAM NUMBERS 5734-E13, 5736-E11
64	SH20-1012-3	SN20-3470		COURSEWRITER III, VERSION 3 OPERATOR'S GUIDE DISK OPERATING SYSTEM - PROGRAM NUMBERS 5736-E11
64	SH20-1022-3			COURSEWRITER III/OS VERSION 3 - OPERATOR'S GUIDE PROGRAM NUMBER 5734-E13
79	GH20-1027-4			STAT/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS: LIC PROG 5703-XA1, 5734-XA3, GENERAL INFORMATION
67	GH20-1039-3			SECURITIES ORDER MATCHING GENERAL INFORMATION MANUAL PROGRAM NUMBER 5734-F32
63	SH20-1053-1	SN20-3084		IBM FASHION REPORTER, PROGRAM DESCRIPTION MANUAL, PROGRAM NUMBER 5736-D11
79	SH20-1069-3			STAT/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS: PROGRAM REFERENCE - PROGRAM NUMBERS 5703-XA1, 5734-XA3
79	SH20-1070-3	SN20-3943		STAT/BASIC FOR ITF AND VM/370-CMS: OPERATIONS GUIDE, PROGRAM NUMBER 5734-XA3
72	SH20-1075-1			BILL PROCESSOR SYSTEMS - IMS/360 BRIDGE PROGRAM DESCRIPTION MANUAL - PROGRAM NUMBER 5734-XX9
72	SH20-1076-1	SN20-3579		BILL PROCESSOR SYSTEMS - IMS/360 BRIDGE, OPERATIONS MANUAL - PROGRAM NUMBER 5734-XX9
65	SH20-1118-0			ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) PROGRAM REFERENCE MANUAL - IUP NUMBER 5796-PBH
65	SH20-1119-0			ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) OPERATIONS GUIDE - IUP NUMBER 5796-PBH
82	GH20-1128-4			MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF & VM/370-CMS LIC PROG 5703-XM2, 5734-XM8, GENERAL INFORMATION
64	GH20-1129-1			EPIC SOCRATES STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS - GENERAL INFORMATION PROGRAM NUMBER 5735-E91
64	GH20-1130-2			EPIC STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS GENERAL INFORMATION MANUAL, PROG. NO. 5735-E94
64	GH20-1131-1	GN20-3130		EPIC FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS - PROGRAM PRODUCT GENERAL INFORMATION PROGRAM NUMBER 5735-E92
64	GH20-1132-0			EPIC BUDGET/FINANCE FINANCIAL ACCOUNTING SYSTEM FOR EDUCATIONAL INSTITUTIONS - PROGRAM PRODUCT GENERAL INFORMATION - PROGRAM NUMBER 5735-E93
71	GH20-1148-0			PROPERTY AND LIABILITY INFORMATION SYSTEM ENHANCEMENTS PLANNING MANUAL - PROGRAM NUMBERS 5736-N24 AND 5736-N25
79	GH20-1149-2			PURCHASING GENERAL INFORMATION MANUAL - PROGRAM NUMBERS 5736-XX5 (DOS), 5734-XXA (OS)
82	SH20-1157-3			MATH/BASIC FOR ITF & VM/370-CMS, LIC PROG 5734-XM8, OPERATIONS GUIDE
82	SH20-1158-3			MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF AND VM/370-CMS PROGRAM REFERENCE MANUAL, PROG. NOS. 5703-XM2 (S/3) AND 5734-XM8



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67	SH20-1159-0			REGISTERED REPRESENTATIVE SYSTEM PROGRAMMING OVERVIEW PROGRAM NUMBER 5734-F34
67	GH20-1160-0			REGISTERED REPRESENTATIVE SYSTEM GENERAL INFORMATION MANUAL PROGRAM NUMBER 5734-F34
79	GH20-1170-2	GN20-3375	GN20-3519	INTERACTIVE TRAINING SYSTEM - GENERAL INFORMATION MANUAL PROGRAM NUMBER 5734-XXC
82	GH20-1175-2			BUSINESS ANALYSIS/BASIC, LIC PROG 5703-XM3, 5734-XMB GENERAL INFORMATION
74	GH20-1179-0			HEALTH CARE SUPPORT/ACCOUNTING SYSTEM & DATA COMMUNICATIONS: GENERAL INFORMATION MANUAL, PROG. NO. 5746-H14 (DOS/V5)
79	GH20-1188-3	GN20-3389		ALPHA SEARCH INQUIRY SYSTEM, GENERAL INFORMATION MANUAL (PROGRAM NUMBER 5736-N14)
74	GH20-1190-0			HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM: GENERAL INFORMATION MANUAL, PROG. NO. 5746-H12 (DOS/V5)
67	GH20-1207-3			TELECOMMUNICATIONS CONTROL SYSTEM (TCS) CONCEPTS AND FACILITIES MANUAL - PROGRAM PRODUCT 5734-F31
67	SH20-1208-3			TELECOMMUNICATIONS CONTROL SYSTEM (TCS), LIC PROG 5734-F31, PROGRAMMER'S GUIDE/REFERENCE
67	SH20-1209-1	SN20-3808		TELECOMMUNICATIONS CONTROL SYSTEM, LIC PROG 5734-F31, OPERATIONS GUIDE
79	SH20-1213-1			INTERACTIVE TRAINING SYSTEM COURSE AUTHORIZING GUIDE - PROGRAM NUMBER 5734-XXC
79	SH20-1214-3	SN20-3521	SN20-3544	INTERACTIVE TRAINING SYSTEM OPERATIONS GUIDE - PROGRAM NUMBER 5734-XXC
79	SH20-1215-1	SN20-3573	SN20-3677	INTERACTIVE TRAINING SYSTEM OPERATIONS GUIDE - PROGRAM NUMBER 5734-XXC
79	SH20-1215-1	SN20-3253	SN20-3374	INTERACTIVE TRAINING SYSTEM TERMINAL USER'S GUIDE - PROGRAM NUMBER 5734-XXC
79	SH20-1216-1	SN20-3468	SN20-3522	INTERACTIVE TRAINING SYSTEM TERMINAL USER'S GUIDE - PROGRAM NUMBER 5734-XXC
79	SH20-1216-1	SN20-3256	SN20-3373	INTERACTIVE TRAINING SYSTEM PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5734-XXC
79	SH20-1217-3	SN20-3520		INTERACTIVE TRAINING SYSTEM SUPERVISOR'S GUIDE - PROGRAM NUMBER 5734-XXC
79	SH20-1217-3	SN20-3676		INTERACTIVE TRAINING SYSTEM SUPERVISOR'S GUIDE - PROGRAM NUMBER 5734-XXC
67	SH20-1224-3			SECURITIES ORDER MATCHING PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-F32
67	SH20-1225-2	SN20-3447		SECURITIES ORDER MATCHING OPERATIONS GUIDE - PROGRAM NUMBER 5734-F32
67	SH20-1226-2			SECURITIES ORDER MATCHING SCOPE OPERATIONS GUIDE - PROGRAM NUMBER 5734-F32
67	SH20-1227-3			CHECK PROCESSING CONTROL SYSTEM (CPCS) PROGRAM REFERENCE MANUAL - PROGRAM NUMBER 5734-F11
67	**SH20-1228-4			CHECK PROCESSING CONTROL SYSTEM (CPCS), LIC PROG 5734-F11 OPERATIONS GUIDE (CURRENT RELEASE)
67	**SH20-1229-4			CHECK PROCESSING CONTROL SYSTEM (CPCS), LIC PROG 5734-F11 TERMINAL OPERATIONS GUIDE (CURRENT RELEASE)
72	GH20-1233-1			SYSTEM/370 APT-BP NUMERICAL CONTROL PROCESSOR GENERAL INFORMATION MANUAL - PROGRAM NUMBER 5740-M51
72	GH20-1234-0			SYSTEM/370 APT-IC AND APT-AC NUMERICAL CONTROL PROCESSORS, LIC PROG 5740-M52, -M53, GENERAL INFORMATION
81	SH20-1238-1	**SN20-4444		AUTOMATED PROJECT PLANNING AND EVALUATION SYSTEM, IUP 5796-AZR, DESCRIPTION/OPERATIONS
64	SH20-1242-1			EPIC: SOCRATES (STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS) USER'S GUIDE - PROGRAM NUMBER 5735-E91
64	SH20-1245-4			EPIC: SOCRATES STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS: OPERATIONS GUIDE, PROG. PROD. 5735-E91
74	GH20-1249-1			HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS GENERAL INFORMATION MANUAL - PROGRAM NUMBERS 5734-H11 AND 5736-H15
64	SH20-1252-1			EPIC: BUDGET/FINANCE OPERATIONS GUIDE, PROG. NO. 5735-E93
64	SH20-1253-1			EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, USER'S GUIDE
82	SH20-1264-2			BUSINESS ANALYSIS/BASIC, LIC PROG 5703-XM3 (S/3 MOD 6), 5734-XMB (ITF-OS/DOS/TSO & VM/370-CMS), REFERENCE
74	GH20-1265-1			HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM PHYSICIANS GUIDE - PROGRAM NUMBERS 5736-H15 AND 5734-H11
72	SH20-1268-2	SN20-3382	SN20-3555	THE CICS FEATURE (6024-6028) OF THE DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR, PROGRAM AND OPERATIONS MANUAL PROGRAM PRODUCT 5736-XX4
74	SH20-1270-1			HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE PROG. NOS. 5734-H11 (OS, OS/V5) AND 5736-H15 (DOS, DOS/V5)
65	GH20-1271-0			ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) GENERAL INFORMATION MANUAL - PROG. NO. 5796-PBH
74	SH20-1276-0	SN20-3336		SELF-STUDY IMPLEMENTATION COURSE FOR HEALTH CARE SUPPORT ECG PROGRAM PRODUCT - PROG. NOS. 5734-H11 AND 5736-H15
64	SH20-1281-3	SN20-3547		EPIC: STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS OPERATIONS GUIDE PROGRAM NUMBER 5735-E94
64	SH20-1282-2	SN20-3753		EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS OPERATIONS GUIDE - PROGRAM NUMBER 5735-E92
64	SH20-1283-2			EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS USER'S MANUAL - PROG. NO. 5735-E92
64	SH20-1284-2			EPIC: STUDENT - STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS USER'S GUIDE - PROGRAM NUMBER 5735-E94
72	GH20-1293-1			SYSTEM/370 MACHINING & DISPLAY APPLICATION PROGRAM (MDAP) FOR 5275 DIRECT NUMERICAL CONTROL STATION: PROG NOS 5740-XN2 (OS) & 5746-XN2 (DOS), GENERAL INFORMATION
64	SH20-1325-1			STUDENT RESPONSE ANALYSIS PROCESSORS (STRAP) FOR S/370 OHIO STATE UNIV.: IUP'S 5796-ACX, -AGP DESCRIPTION/OPERATIONS
79	SH20-1365-0	SN20-3183	SN20-3194	COMPUTER GENERATED CORRESPONDENCE, IUP 5796-AER, DESCRIPTION/OPERATION
73	SH20-1373-1	SN20-3410		TERMEXT/FORMAT - IUP 5796-PBR - SYSTEM INFORMATION
63	SH20-1385-0			DISTRIBUTION ORDER ENTRY SYSTEM FOR SYSTEM/360/370 WITH 3270'S 3340 SUPPORT - IUP 5796-ABT, DESCRIPTION/OPERATIONS
74	SH20-1392-1	SN20-3626		MEDICAL RECORD ABSTRACT SYSTEM, IUP 5796-APA, DESCRIPTION/OPERATIONS
64	SH20-1393-1			NUMBERING SYSTEM - IUP 5796-PCG, DESCRIPTION/OPERATIONS
79	SH20-1405-1	SN20-3392	SN20-3977	ALPHA SEARCH INQUIRY SYSTEM PROGRAM REFERENCE MANUAL PROG. PROD. 5736-N14
79	SH20-1406-1	SN20-3391		ALPHA SEARCH INQUIRY SYSTEM OPERATIONS GUIDE PROG. PROD. 5736-N14

80	GH20-1408-3			ADVANCED TEXT MANAGEMENT SYSTEM (ATMS): GENERAL INFORMATION MANUAL, PROG. PROD. 5740-XX3 (OS), 5746-XX4 (DOS/VS)
79	SH20-1409-0	SN20-3201		PURCHASING PROGRAM REFERENCE MANUAL - PROGRAM PRODUCTS 5736-XX5 AND 5734-XXA
79	SH20-1410-1			PURCHASING, OPERATIONS GUIDE (OS) - PROGRAM NUMBER 5734-XXA
79	SH20-1412-1			PURCHASING, OPERATIONS GUIDE (DOS) PROGRAM NO. 5736-XX5
72	**SH20-1413-2			SYSTEM/370 APT - AC NUMERICAL CONTROL PROCESSOR OPERATION GUIDE PROG. PROD. 5740-M53
72	**SH20-1414-1			SYSTEM/370 APT-AC NUMERICAL CONTROL PROCESSOR, PROG PROD 5740-M53, PROGRAM REFERENCE
72	**SH20-1416-2			SYSTEM/370 APT-IC NUMERICAL CONTROL PROCESSOR OPERATIONS GUIDE - PROG. NO. 5740-M52
72	**SH20-1417-1			SYSTEM/370 APT-IC NUMERICAL CONTROL PROCESSOR PROGRAM REFERENCE MANUAL - VOLUME 1 PROG. NO. 5740-M52
72	SH20-1419-0			SYSTEM/370 APT-BP NUMERICAL CONTROL PROCESSOR PROGRAM REFERENCE MANUAL VOLUME I - PROGRAM NUMBER 5740-M51
72	SH20-1420-0			SYSTEM/370 APT-BP OPERATIONS GUIDE - PROGRAM NUMBER 5740-M51
63	SH20-1422-0			CREDIT MANAGEMENT SYSTEM PROGRAM REFERENCE AND OPERATIONS MANUAL - PROGRAM NUMBER 5799-ADF, PRPQ WB4982
72	**GH20-1423-1			SYSTEM/370 APT-AC NUMERICAL CONTROL PROCESSOR PROGRAM NUMBER 5740 - M53 GENERAL INFORMATION MANUAL
72	**GH20-1424-1			SYSTEM/370 APT-IC NUMERICAL CONTROL PROCESSOR GENERAL INFORMATION MANUAL - PROG. NO. 5740-M52 (IC)
78	GH20-1434-3	GN20-3908		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: DOCUMENTATION AIDS VOLUME A
78	GH20-1435-2	GN20-3909		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: DOCUMENTATION AIDS VOLUME B
78	GH20-1436-3	GN20-3910		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: SYSTEM IMPLEMENTATION VOLUME C1
78	GH20-1437-5			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: SYSTEM INITIALIZATION PACKAGE (SIP) VOLUME C2
78	GH20-1438-3	GN20-3911		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: USERS MANUAL VOLUME D
78	GH20-1439-3	GN20-3912		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: OPERATIONS MANUALS VOLUME E
78	GH20-1440-4			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: MACRO MANUAL VOLUME F
78	GH20-1441-1	GN20-3666	GN20-3914	AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: APPLICATION DATA RECORD DESCRIPTIONS VOLUME G1
78	GH20-1442-1	GN20-3492	GN20-3654	AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: APPLICATION DATA RECORD AND PROGRAM SPECIFICATIONS VOLUME G2
78	GH20-1443-2	GN20-3800	GN20-3915	AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: IMPLEMENTATION DATA RECORD DESCRIPTION AND PROGRAM SPECIFICATIONS VOLUME H
78	GH20-1444-2	GN20-3916		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM DATA RECORD DESCRIPTION: VOLUME J1
78	**GH20-1445-3			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J2
78	**GH20-1446-3			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J3
78	GH20-1447-3			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J4
78	GH20-1448-2	GN20-3920		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: CONTROL PROGRAM SPECIFICATIONS VOLUME J5
78	GH20-1449-4			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: HYPERVISOR MANUAL VOLUME J6
78	**GH20-1450-3			AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: FILE SUPPORT DATA RECORD DESCRIPTIONS VOLUME K1
78	GH20-1451-1	GN20-3501	GN20-3923	AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: FILE SUPPORT PROGRAM SPECIFICATIONS VOLUME K2
78	GH20-1452-1	GN20-3663	GN20-3804	AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: FILE SUPPORT PROGRAM SPECIFICATIONS VOLUME K3
78	GH20-1453-1	GN20-3924	GN20-3811	AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: MESSAGE SWITCHING MANUAL VOLUME L
78	GH20-1454-2	GN20-3664		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: DATA COLLECTION MANUAL VOLUME M
78	GH20-1455-3	GN20-3925		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: TEST TOOLS MANUAL VOLUME N
81	GH20-1459-0			PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LIC PROG 5748-XT1, GENERAL INFORMATION
74	GH20-1465-1			HEALTH CARE SUPPORT/ACCOUNTING SYSTEM & DATA COMMUNICATIONS PROGRAM: IMPLEMENTATION PLANNING GUIDE, PROGRAM PRODUCTS 5746-H14 & 5746-H13
63	GH20-1466-0			CREDIT MANAGEMENT SYSTEM II GENERAL INFORMATION MANUAL PROG. NO. 5799-AHJ
63	SH20-1467-0	SN20-3353	SN20-3471	CREDIT MANAGEMENT SYSTEM II PROGRAM REFERENCE MANUAL AND OPERATIONS GUIDE - PROG. NO. 5799-AHJ
81	SH20-1468-0			PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LIC PROG 5748-XT1, TERMINAL USER'S GUIDE
81	SH20-1469-0			PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LIC PROG 5748-XT1, OPERATIONS GUIDE
72	SH20-1470-0			SYSTEM/370 MDAP FOR THE 5275: PROG. PROD. 5740-XN2 (OS/VS) REFERENCE MANUAL & OPERATIONS GUIDE
72	SH20-1471-0			MACHINE AND DISPLAY APPLICATION PROGRAM (MDAP) TERMINAL USERS GUIDE PROGRAM NUMBERS 5740-XN2, 5746-XN2
79	SH20-1472-1	SN20-3464	SN20-3572	INTERACTIVE TRAINING SYSTEM: EXPANDED COURSE STRUCTURING FEATURE, COURSE AUTHORIZING GUIDE, PROG. PROD. 5734-XXC
78	GH20-1473-1			ACP SYSTEM CONCEPTS AND FACILITIES - PROG. NO. 360D-03.0.012
80	SH20-1475-2	SN20-3385	SN20-3437	ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) OPERATIONS GUIDE PROG. PROD. 5740-XX3 (OS), 5746-XX4 (DOS/VS)
80	SH20-1476-2	SN20-3541		ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) TERMINAL OPERATIONS GUIDE, PROG. PROD. 5740-XX3 (OS), 5746-XX4 (DOS/VS)
80	SH20-1477-1			ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) LEARN ATMS WORKBOOK PROGRAM NUMBERS 5740-XX3 (ATMS/OS) 5746-XX4 (ATMS/DOS/VS)
80	SH20-1478-2			ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) SYSTEM PROGRAMMER'S

72	SH20-1492-0			REFERENCE MANUAL, PP 5740-XX3 (OS), 5746-XX4 (DOS/V5) SYSTEM/370 MACHINING & DISPLAY APPLICATION PROGRAM (MDAP) FOR THE IBM 5275 DIRECT NUMERICAL CONTROL STATION PROG. REFERENCE MANUAL & OPERATIONS GUIDE PROG. NO. 5746-XN2 (DOS/V5)
79	GH20-1493-0			A GUIDE TO AN ONLINE PURCHASING SYSTEM
74	SH20-1494-0	SN20-3545	SN20-4015	HEALTH CARE SUPPORT/ACCOUNTING SYSTEM PROGRAM REFERENCE MANUAL - PROG. NO. 5746-H14
76	GH20-1496-1	GN20-3482		SYSTEM/370 ENERGY MANAGEMENT SYSTEM GENERAL INFORMATION MANUAL PROGRAM NUMBER 5740-U11
74	SH20-1497-0			HEALTH CARE SUPPORT/DATA COMMUNICATIONS PROG. NO. 5746-H13 - REFERENCE MANUAL
71	GH20-1499-0	GN20-3349	GN20-3442	LIFE INQUIRY/DATA ENTRY GENERAL INFORMATION PROG. PROD. 5746-N11
78	GH20-1500-0	GN20-3546	GN20-3980	
		GN20-3339		FERST/V5, LIC PROG 5795-AAF, -AAG, -AAH, -AAJ, -AAK, -AAL, -AAN, GENERAL INFORMATION
74	SH20-1501-1	SN20-4018		HEALTH CARE SUPPORT/ACCOUNTING SYSTEM OPERATIONS GUIDE PROG. NO. 5746-H14
74	SH20-1503-0			HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM REPORTING PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5746-H12
74	SH20-1504-0	SN20-3338		HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM REPORTING OPERATIONS GUIDE PROGRAM NUMBER 5746-H12
74	SH20-1505-0			HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM REPORTING LABORATORY MANUAL PROGRAM NUMBER 5746-H12
81	GH20-1506-0			PLANNING SYSTEM GENERATOR UNDER THE OS/V52 TIME SHARING OPTION (PSG/T50) GENERAL INFORMATION MANUAL PROGRAM NUMBER 5740-XT1
74	SH20-1507-0			HEALTH CARE SUPPORT/DATA COMMUNICATIONS PROGRAM OPERATIONS GUIDE PROGRAM NUMBER 5746-H13
81	SH20-1508-0	SN20-3386		PLANNING SYSTEMS GENERATOR UNDER THE OS/V52 TIME SHARING OPTION (PSG/T50) OPERATIONS GUIDE, PROG. PROD. 5740-XT1
81	SH20-1509-0			PLANNING SYSTEMS GENERATOR UNDER THE OS/V52 TIME SHARING OPTION (PSG/T50) USER'S GUIDE - PROG. NO. 5740-XT1
67	GH20-1512-0			GENERAL INFORMATION MANUAL COMMERCIAL LOAN SYSTEM
78	GH20-1516-1	GN20-3499	3N20-3661	ACP SYSTEM DOCUMENTATION - 360D-03.0.012, CONTROL PROGRAM SPECIFICATIONS VOLUME J7 (IBM 7441 AND 1980 SUPPORT THROUGH S/7)
		GN20-3714	GN20-3802	
		GN20-3921		
78	GH20-1517-2	GN20-3806		AIRLINES CONTROL PROGRAM (ACP) SYSTEMS DOCUMENTATION: S/7 REMOTE MULTIPLEXER MANUAL VOLUME P
78	SH20-1518-1	SN20-3975		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL SYSTEM (FERST/V5) PROGRAM REFERENCE MANUAL NOS. 5795-AAF, MESSAGE SWITCHING (OS/V51); 5795-AAG, MESSAGE SWITCHING (DOS/V5)
78	SH20-1519-0	SN20-3380	SN20-3859	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/V5) FILE DESCRIPTION MANUAL - PROG. NO. 5795-AAF, MESSAGE SWITCHING (OS)
		SN20-3974	**SN20-4488	
78	**SH20-1520-2	**SN20-4500		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/V5) OPERATIONS GUIDE - MESSAGE SWITCHING PROGRAM NOS. 5795-AAF (OS/V51); 5795-AAG (DOS/V5)
78	SH20-1521-0	SN20-3381	SN20-3858	FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/V5) TERMINAL OPERATIONS GUIDE PROG. NO. 5795-AAF (OS)
64	SH20-1523-1	SN20-3404		SYSTEM/370/360 SYSTEM CONCEPTS AND PROGRAMMING PART I: CONCEPTS - IUP 5796-PCK, DESCRIPTION/OPERATIONS
64	SH20-1524-1			SYSTEM/360/370 SYSTEM CONCEPTS AND PROGRAMMING PART I: CONCEPTS - IUP 5796-PCK, ADMINISTRATIVE GUIDE
64	SH20-1527-1	SN20-3402		SYSTEM/370/360 SYSTEM CONCEPTS AND PROGRAMMING, PART II: PROGRAMMING - IUP 5796-PCL, DESCRIPTION/OPERATIONS
64	SH20-1529-1			SYSTEM/370/360 SYSTEM CONCEPTS AND PROGRAMMING, PART II: PROGRAMMING - IUP 5796-PCL, STUDENT WORKBOOK
78	SH20-1548-0			HERCULES INCORPORATED RAIL CAR MANAGEMENT SYSTEM - IUP 5796-APR, DESCRIPTION/OPERATIONS
76	SH20-1549-0			COST GENERAL, AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES - IUP 5796-AFQ, DESCRIPTION/OPERATIONS
67	SH20-1551-0			ONLINE TELLER AND TIME DEPOSIT SYSTEM, IUP 5796-AFH, DESCRIPTION/OPERATIONS
81	SH20-1553-0			DIRECT MANPOWER PLANNING WITH ASSESSMENT OF RISK - IUP 5796-PDB, DESCRIPTION/OPERATIONS
67	SH20-1555-1			TELLER AUDIO RESPONSE SYSTEM (USING DOS/CICS & CIF, FDP 5798-AHX) - IUP 5796-AFW, DESCRIPTION/OPERATIONS
67	SH20-1557-0			TELLER AUDIO RESPONSE SYSTEM USING DOS/CICS AND CIF (FDP 5798-AHX) TERMINAL OPERATORS GUIDE, IUP 5796-AFW
63	SH20-1560-0			APPAREL BUSINESS SYSTEM, IUP 5796-AJG, DESCRIPTION/OPERATION
63	SH20-1566-0			THE ENHANCED TWIN FAIR MERCHANDISE PROCESSING SYSTEM - IUP 5796-ADB, DESCRIPTION/OPERATIONS
71	SH20-1570-0			PROPERTY AND LIABILITY CLAIMS ENTRY SYSTEM IUP 5796-AGK DESCRIPTION/OPERATION
72	LH20-1576-0+	LN20-3558		IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) LOGIC MANUAL PROG NO. 5746-XN1 (SYSTEM/370 DOS/V5)
72	SH20-1577-0+	SN20-3439	SN20-3480	IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) PROGRAM REFERENCE MANUAL, PROG NO. 5746-XN1 (SYSTEM/370 DOS/V5)
		SN20-3557		
72	GH20-1578-0+			IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) GENERAL INFORMATION MANUAL, PROG. NO. 5746-XN1
72	SH20-1579-0+	SN20-3559		IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) DESIGN AID FOR POSTPROCESSORS (DAPP) PROGRAM REFERENCE MANUAL, PROG. NO. 5746-XN1 (SYSTEM/370 DOS/V5)
71	SH20-1583-0	SN20-3425	SN20-3981	LIFE INQUIRY/DATA ENTRY PROGRAM REFERENCE MANUAL PROGRAM NUMBER 5746-N11
71	SH20-1584-1	SN20-3979		LIFE INQUIRY DATA ENTRY OPERATIONS GUIDE PROG. NO. 5746-N11
74	SH20-1585-0	SN20-4016		HEALTH CARE SUPPORT/COORDINATION OF BENEFITS PROGRAMMING RPQ EEE 063) PROGRAM DESCRIPTION/ OPERATIONS MANUAL PROG. NO. 5799-AKK
80	SH20-1586-1	SN20-3540	SN20-3568	ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) SYSTEM PROGRAMMER'S REFERENCE MANUAL - PROGRAM NOS. 5740-XX3 (OS); 5746-XX4 (DOS/V5)
67	**GH20-1587-3			PROGRAM CUSTOMIZER FOR THE 3600 FINANCE COMMUNICATION SYSTEM, LIC PROG 5740-F11, 5746-F11, GENERAL INFORMATION

73	SH20-1602-1			ONLINE LIST MAINTENANCE SYSTEM - IUP 5796-AGT, DESCRIPTION/OPERATIONS
67	SH20-1603-0			S/370 IMS/VIS ONLINE DDA SYSTEM WITH 3270 AND AUDIO RESPONSE BANK OF DELAWARE WILMINGTON, DELAWARE DESCRIPTION/OPERATIONS IUP 5796-AFN
67	SH20-1604-0			S/370 IMS/VIS ONLINE DDA SYSTEM WITH 3270 AND AUDIO RESPONSE BANK OF DELAWARE WILMINGTON, DELAWARE TELEPROCESSING OPERATORS GUIDE IUP 5796-AFN
67	SH20-1605-0			DOS/CICS/VIS PROOF OF DEPOSIT AND TRANSIT SYSTEM: IUP 5796-AGA DESCRIPTION/OPERATIONS
67	SH20-1607-0			CICS/DOS/VIS AND OS/VIS INSTALLMENT LOAN CALCULATOR - IUP 5796-AGR, 5796-AGQ, DESCRIPTION/OPERATIONS
71	SH20-1608-1			S/370 AUTOMATED LIFE BILLING AND COLLECTION SYSTEM - IUP 5796-AGL, DESCRIPTION/OPERATIONS
67	SH20-1609-0			DOS/CICS/VIS COMBINED LOAN SYSTEM FOR USE WITH VANDL-1, IUP 5796-AGG - DESCRIPTION/OPERATIONS
81	SH20-1612-0			CICS/DOS ONLINE PAYROLL AND PERSONNEL SYSTEM: FIRST NATIONAL BANK OF MARYLAND, DESCRIPTION/OPERATIONS, IUP 5796-AFX
81	SH20-1613-0			CICS/DOS/VIS ONLINE PAYROLL AND PERSONNEL SYSTEM: IUP 5796-AFX, USER'S MANUAL
67	SH20-1614-0			DOS/VIS COMMERCIAL LOAN ACCOUNTING SYSTEM FOR BATCH AND ON-LINE OPERATIONS WITH CICS/VIS - IUP 5796-AGB DESCRIPTION/OPERATIONS
67	SH20-1615-0			DOS/VIS COMMERCIAL LOAN ACCOUNTING SYSTEM FOR BATCH AND ON-LINE OPERATIONS WITH CICS/VIS - IUP 5796-AGB, USERS GUIDE
81	SH20-1620-2			APL ECONOMETRIC PLANNING LANGUAGE IUP 5796-PDW, DESCRIPTION/OPERATION
78	SH20-1633-1	SN20-3444	SN20-3651	FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VIS) REFERENCE MANUAL, LIC PROG 5795-AAH, -AAJ
78	SH20-1634-2	SN20-3857	SN20-3856	FREIGHT EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL SYSTEM (FERST/VIS) LIC PROG 5795-AAH, -AAJ, FILE DESCRIPTION
78	SH20-1635-1	SN20-3653 SN20-3986 SN20-3445 SN20-3855 **SN20-4476	**SN20-4489 SN20-3650 SN20-3985	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VIS) TERMINAL OPERATIONS GUIDE - EQUIPMENT CONTROL PROGRAM NOS. 5795-AAH (OS/VIS1); 5795-AAJ (DOS/VIS)
78	SH20-1636-1	SN20-3865		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VIS) OPERATIONS GUIDE - PROGRAM NO. 5795-AAH EQUIPMENT CONTROL (OS/VIS1)
78	SH20-1637-1	SN20-3469	SN20-3534	3330, 3333-M11 SUPPORT FOR DOS/VIS, PRPQ EF4346 - PROG NO 5799-WHZ, SYSTEMS GUIDE
78	SH20-1642-1	SN20-3996 **SN20-4616	SN20-4095	FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VIS) OPERATIONS GUIDE PROG. NO. 5795-AAJ EQUIPMENT CONTROL (DOS/VIS)
80	SH20-1643-0	SN20-3539		ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) 3270 WORKBOOK FOR LEARN ATMS
67	SH20-1649-0			TELECOMMUNICATIONS CONTROL SYSTEM (TCS) PROGRAMMING RPQ EF0378 OPERATIONS GUIDE - PROG 5799-AKL
67	SH20-1652-0			CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VIS, UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, INSTALLATION GUIDE
67	SH20-1653-0			CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VIS, UNITED STATES TRUST CO. OF NEW YORK, IUP 5796-AHA TERMINAL OPERATORS GUIDE
67	SH20-1654-0			CORPORATE TRUST & AGENCY SYSTEM CICS/OS/VIS, UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, OFFLINE MESSAGES & CODES
67	SH20-1656-0			CORPORATE TRUST & AGENCY SYSTEM CICS/OS/VIS REPORTS, IUP 5796-AHA
79	SH20-1657-0			INTRODUCING THE COMPUTER, IUP 5796-PDX, COURSE DESCRIPTION/ ADMINISTRATION MANUAL
74	SH20-1659-0			CHARGE CONTROL SYSTEM, ST. LUKES HOSPITAL DESCRIPTION/OPERATIONS, IUP 5796-AHB
74	SH20-1661-0	SN20-3413		INSTALLING HEALTH CARE/SUPPORT ACCOUNTING: LINCOLN GENERAL HOSPITAL, SYSTEMS GUIDE, IUP 5796-AHX
74	SH20-1664-0			LABORATORY DATA MANAGEMENT SYSTEM, IUP 5796-AHD, DESCRIPTION/OPERATIONS
74	SH20-1665-0			LABORATORY DATA MANAGEMENT SYSTEM, IUP 5796-AHD, TERMINAL OPERATORS GUIDE
78	SH20-1667-0			TIRE INVENTORY CONTROL SYSTEM, IUP 5796-AHF DESCRIPTION/OPERATIONS
78	SH20-1668-0			TIRE INVENTORY ANALYSIS SYSTEM, IUP 5796-AHG DESCRIPTION/OPERATIONS
67	SH20-1672-0			NATIONAL CENTRAL BANK DOS/CICS/VIS PERSONAL TRUST SYSTEM WITH ON-LINE INQUIRY AND DATA ENTRY FACILITIES, IUP 5796-AHI, DESCRIPTION/OPERATIONS
67	SH20-1673-0			NATIONAL CENTRAL BANK DOS/CICS/VIS PERSONAL TRUST SYSTEM WITH ONLINE INQUIRY & DATA ENTRY FACIL, IUP 5796-AHH, USERS GUIDE
67	SH20-1675-0			S/370 IMS/VIS ONLINE DDA SYSTEM WITH 3270 AND AUDIO RESPONSE: BANK OF DELAWARE WILMINGTON, DELAWARE, BATCH OPERATORS GUIDE IUP 5796-AFN
81	GH20-1677-3			PSG II/VIS GENERAL INFORMATION MANUAL, PROG PROD 5740-XT3 (OS), 5746-XT1 (DOS), 5748-XT2 (CMS), 5740-XT5 (TSO)
81	SH20-1678-0			PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VIS) OPERATIONS GUIDE - PROG PROD 5746-XT1, 5740-XT3
81	SH20-1679-0	SN20-3564		PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VIS) REFERENCE MANUAL - PROG. NOS. 5746-XT1, 5740-XT3
78	SH20-1680-1	SN20-4011		FERST/VIS FILE DESCRIPTION MANUAL, PROG 5795-AAK FREIGHT BILLING (OS/VIS1) 5795-AAL FREIGHT BILLING (DOS/VIS)
78	SH20-1681-1	SN20-3984	**SN20-4491	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VIS) PROGRAM REFERENCE MANUAL PROG 5795-AAK FREIGHT BILLING (OS/VIS1) 5795-AAL FREIGHT BILLING (DOS/VIS)
78	SH20-1682-0	SN20-3477 SN20-3854	SN20-3649 SN20-4012	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VIS) OPERATIONS GUIDE PROG 5795-AAK
78	SH20-1683-1	SN20-3552 SN20-3860 **SN20-4490	SN20-3648 SN20-4010	FERST/VIS TERMINAL OPERATIONS GUIDE, PROG 5795-AAK FREIGHT BILLING (OS/VIS1) 5795-AAL FREIGHT BILLING (DOS/VIS)
78	SH20-1684-0	SN20-3553 SN20-3861 **SN20-4615	SN20-3647 SN20-3994	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VIS) PROG. NO. 5795-AAL FREIGHT BILLING (DOS/VIS) OPERATIONS GUIDE
67	**SH20-1688-5			PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM

				(PC/3600) PROGRAM CUSTOMIZER GUIDE PROG PRODS 5746-F11 (DOS/V)
67	**SH20-1689-5			5740-F11 (OS/VS) PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM
67	**SH20-1690-5			(PC/3600) PROGRAM REFERENCE MANUAL PROG PRODS 5746-F11 (DOS/V)
74	SH20-1694-0			5740-F11 (OS/VS) PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM
74	SH20-1695-0	SN20-3574	SN20-4027	(PC/3600) DOS/VS OPERATIONS GUIDE PROG PROD 5746-F11 HEALTH CARE SUPPORT/ACCOUNTING SYSTEM SYSTEMS GENERATION AND SAMPLE PROBLEM MANUAL - PROG. NO. 5746-H14
81	SH20-1700-0			HEALTH CARE SUPPORT/ACCOUNTING SYSTEM AND COORDINATION OF BENEFITS, LIC PROG 5746-H14, 5799-AKK, INSURANCE CODING GUID
73	SH20-1705-1			PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSGII/VS) DL/I DATA BASE READ FEATURE, USER'S GUIDE - PROG PRODS 5746-XT1 (DOS/VS), 5740-XT3 (OS/VS)
73	SH20-1706-1			LUTHERAN CHURCH IN AMERICA ONLINE LIST MAINTENANCE SYSTEM, IUP 5796-AGT, TERMINAL OPERATOR'S GUIDE
78	SH20-1711-0			LUTHERAN CHURCH IN AMERICA ONLINE LIST MAINTENANCE SYSTEM, IUP 5796-AGT, INSTALLATION GUIDE
67	SH20-1712-0			THE GOODYEAR TIRE & RUBBER CO. FREIGHT BILL AUDIT AND RATING SYSTEM INSTALLATION GUIDE, IUP 5796-AEJ
74	SH20-1713-0			INVESTMENT PORTFOLIO MANAGEMENT SYSTEM, IUP 5796-AHW DESCRIPTION/OPERATIONS
79	SH20-1714-0			HEALTH CARE SUPPORT/OS ACCOUNTING SYSTEM, IUP 5796-AHX DESCRIPTION/OPERATIONS
64	SH20-1715-0			3270 INTRODUCTION TO COMPUTING NUMBERING SYSTEM FOR 3270, DESCRIPTION/OPERATIONS LIC PROG: 5796-PEZ (COURSEWRITER III) 5796-PFE (INTERACTIVE TRAINING SYSTEM)
78	SH20-1717-0			TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB DESCRIPTION/OPERATION
79	SH20-1719-0			OS/VS1 OPERATOR TRAINING EXERCISES IUP 5796-PFA, DESCRIPTION/OPERATIONS
63	SH20-1723-1			APPAREL BUSINESS SYSTEM, IUP 5796-AJG, DESCRIPTION/OPERATION
79	SH20-1724-0			INTRODUCING THE COMPUTER, IUP 5796-PBX
63	SH20-1725-0			APPAREL BUSINESS SYSTEM, IUP 5796-AJG, DESCRIPTION/OPERATION
79	SH20-1728-0			HIPODRAW, IUP 5796-PFF, DESCRIPTION/OPERATIONS
67	**SH20-1736-5			PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600) OS/VS OPERATIONS GUIDE - PROG PROD 5740-F11
78	SH20-1738-0	SN20-3571	**SN20-4477	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) PROGRAM REFERENCE MANUAL PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)
78	SH20-1739-1	SN20-3862		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)
78	SH20-1740-0	SN20-3577	SN20-3851	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) OPERATIONS GUIDE PROG 5795-AAM RATING/RATE AUDIT (OS/VS1)
78	SH20-1741-0	SN20-3569 **SN20-4487	SN20-3863	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) TERMINAL OPERATIONS GUIDE PROG 5795-AAM RATING/RATE AUDIT (OS/VS1)
76	SH20-1742-0	SN20-3615		SYSTEM/370 ENERGY MANAGEMENT SYSTEM REFERENCE, PROG 5740-U11
76	SH20-1743-0	SN20-3616		SYSTEM/370 ENERGY MANAGEMENT SYSTEM OPERATIONS GUIDE PROG 5740-U11
78	SH20-1747-0	SN20-3570	**SN20-4486	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) FILE DESCRIPTION PROGRAM NO. 5795-AAM RATING/RATE AUDIT (OS/VS1)
73	SH20-1750-0			PANEL - A LINE ART TECHNIQUE IUP 5796-PFJ, DESCRIPTION/OPERATIONS
79	SH20-1758-0			IMS/VS MASTER TERMINAL OPERATOR COURSE IUP 5796-PFN, DESCRIPTION/OPERATIONS
79	SH20-1759-0			IMS/VS MASTER TERMINAL OPERATOR COURSE IUP 5796-PFN, DESCRIPTION/OPERATIONS
79	SH20-1760-0			IMS/VS MASTER TERMINAL OPERATOR TRAINING IUP 5796-PFN, DESCRIPTION/OPERATIONS
73	SH20-1767-0			LUTHERAN CHURCH IN AMERICA ONLINE MAINTENANCE SYSTEM, IUP 5796-AJH, INSTALLATION GUIDE
64	SH20-1768-0			NUMBERING SYSTEM FOR S/370 IUPS 5796-PEZ, 5796-PFA, DESCRIPTION/OPERATIONS
79	*SH20-1771-0			3270 INTRODUCTION TO COMPUTERS QUIZ
72	SH20-1776-0	SN20-3755		DBOMP REFERENCE, VOLUME I: DESCRIPTION, PROG 5736-XX4
72	SH20-1777-0	SN20-3756		SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR REFERENCE VOLUME II: APPLICATION PROGRAMMING, LIC PROG 5736-XX4
72	SH20-1778-0	SN20-3757		SYSTEM/360 DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR, REFERENCE VOLUME III: INSTALLATION GUIDE, LIC PROG 5736-XX4
74	SH20-1784-0			HOSPITAL PAYROLL MANAGEMENT SYSTEM, IUP 5796-AJQ DESCRIPTION/OPERATIONS
71	SH20-1786-0	SN20-3722		STATUTORY/GAAP VALUATION SYSTEM, IUP 5796-AJR, DESCRIPTION/OPERATIONS
79	SH20-1788-0			ONLINE APPLICATION SIMULATION MACROS, IUP 5796-AJZ DESCRIPTION/OPERATIONS
73	SH20-1792-2	SN20-4057		PRINTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, WORKSHEETS BOOKLET
73	SH20-1793-1			PRINTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, USER'S GUIDE FOR SYSTEM/7 SUPPORT
73	SH20-1794-2			PRINTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, REFERENCE
73	SH20-1795-2			PRINTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, OPERATIONS
73	SH20-1796-1	SN20-3993	SN20-4056	PRINTEXT/370, LIC PROG 5799-ALR PRPQ EF3414, TEXT CONTROL/COMPOSITION LANGUAGE GUIDE
79	SH20-1797-0			FUNDAMENTALS OF FLOWCHARTING, IUP 5796-PFY, COURSE DESCRIPTION AND ADMINISTRATION
81	SH20-1806-0			APL FORECASTING AND TIME SERIES ANALYSIS, IUP 5796-PFX, DESCRIPTION/OPERATIONS
81	SH20-1807-0			APL FORECASTING AND TIME SERIES ANALYSIS, IUP 5796-PFX, DESCRIPTION/OPERATIONS
63	SH20-1820-1			3661 FILE CREATION PROGRAM, IUP 5796-PFZ DESCRIPTION/OPERATIONS
79	SH20-1821-2			HIPODRAW, IUP 5796-PFF, USERS GUIDE
83	SH20-1823-4			TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4

			REFERENCE
83	SH20-1824-2		TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 BASE LANGUAGE GUIDE
83	SH20-1825-4		TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 ADVANCED LANGUAGE GUIDE
67	**SH20-1826-6		PROGRAM CUSTOMIZER FOR THE 3600 FINANCE COMMUNICATION SYSTEM (PC/3600), LIC PROG 5746-F11, 5740-F11, WORKSHEETS & SPECIFICATION SHEETS
81	SH20-1828-0		PSG II/VIS-CMS DESCRIPTION/OPERATIONS, LIC PROG 5748-XT2
81	SH20-1829-0		PSG II/VIS-TSO DESCRIPTION/OPERATIONS, LIC PROG 5740-XT5
73	SH20-1830-0	SN20-3781	PRINTEXT/370-CLASSIFIED, LIC PROG 5799-ALQ PRPQ EF3413 CLASSIFIED ADS REFERENCE/LANGUAGE
67	SH20-1831-1	SN20-3786	FINANCIAL SERVICES TERMINALS SUPPORT, LIC PROG 5799-AR PRPQ P09004, DESCRIPTION/OPERATIONS
80	GH20-1832-0		STORAGE & INFORMATION RETRIEVAL SYSTEM FOR DOS/VIS (STAIRS/DOS/VIS), LIC PROG 5746-XR4, GENERAL INFORMATION
73	SH20-1835-1		PRINTEXT/370 - CLASSIFIED (PROGRAMMING RPQ EF3413) CLASSIFIED ADS INSTALLATION/OPERATION GUIDE PROG 5799-ALQ
79	SH20-1838-2	SN20-3903	SVS PERFORMANCE TOOL (SVSPT), IUP 5796-PGN, DESCRIPTION/OPERATIONS
79	SH20-1840-0		INTRODUCTION TO THE METRIC SYSTEM, IUP 5796-AKQ, COURSE DESCRIPTION/APPLICATION MANUAL
82	SH20-1841-1		APL STATISTICAL LIBRARY, IUP 5796-PGQ, -PHW, DESCRIPTION/OPERATIONS
67	SH20-1843-0		MERCANTILE NATIONAL BANK DOS CICS/VIS 1.1.1 COMBINED LOAN SYSTEM FOR USE WITH DL/I-ENTRY 1.0, IUP 5796-AKR, DESCRIPTION/OPERATIONS
67	SH20-1845-0		CICS/DOS/VIS PROOF OF DEPOSIT AND TRANSIT SYSTEM ENHANCEMENT, IUP 5796-AKT, DESCRIPTION/OPERATION
79	SH20-1847-1		ENGLISH COMMUNICATION SKILLS (COMSKL/CAI), IUP 5796-AKX, TERMINAL REFERENCE GUIDE
79	SH20-1848-1		ENGLISH COMMUNICATION SKILLS (COMSKL/CAI), IUP 5796-AKX, INSTRUCTOR'S GUIDE
79	SH20-1849-1	SN20-3733	ENGLISH COMMUNICATIONS SKILLS COMSKL/CAI, IUP 5796-AKX, DESCRIPTION/OPERATIONS: FOX VALLEY TECHNICAL INSTITUTE
79	SH20-1850-1		ENGLISH COMMUNICATIONS SKILLS COMSKL/CAI, IUP 5796-AKX, FOX VALLEY TECHNICAL INSTITUTE LEARNING MATERIALS
64	SH20-1853-0		COMPUTER CONCEPT CURRICULUM FOR 3270, IUP 5796-PHA, B, C, E, F, G DESCRIPTION/OPERATIONS
67	SH20-1859-0		TERMINAL USERS GUIDE STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, IUP 5796-PHH, PHJ
67	SH20-1860-0		MASTER TERMINAL GUIDE, IUP 5796-PHH, -PHJ, STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM
81	GH20-1861-1		TREND ANALYSIS/370 - PROG PRODS 5740-F12 AND 5707-F12 GENERAL INFORMATION
79	SH20-1866-0		INSTRUCTOR'S GUIDE FOR STATISTICS AND TESTS AND MEASUREMENTS, IUP 5796-ALC
79	SH20-1867-0		STUDENT GUIDE AND WORKBOOK FOR STATISTICS AND TESTS AND MEASUREMENTS, IUP 5796-ALC
79	SH20-1868-0	SN20-3732	STATISTICS AND TEST AND MEASUREMENTS, IUP 5796-ALC, DESCRIPTION/OPERATIONS
79	SH20-1869-0		INSTRUCTOR'S GUIDE FOR SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD
79	SH20-1870-0		STUDENT GUIDE AND WORKBOOK FOR SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD
79	SH20-1871-0	SN20-3734	SELECTED TOPICS IN ALGEBRA AND CALCULUS, IUP 5796-ALD, DESCRIPTION OPERATIONS
67	SH20-1876-0		CICS/DOS/VIS PROOF OF DEPOSIT AND TRANSIT SYSTEM 3890 FEATURE, IUP 5796-AKW, DESCRIPTION/OPERATION
67	SH20-1884-0		3890 STATEMENT PREPARATION SORT: MERCANTILE SAFE DEPOSIT AND TRUST COMPANY, IUP 5796-ALP, DESCRIPTION/OPERATIONS
70	SH20-1888-0		ACTION CENTER SUPPORT SYSTEM IUP FOR CICS/OS/VIS (5796-ALZ), FOR CICS/DOS/VIS (5796-ALY), DESCRIPTION/OPERATIONS
80	GH20-1891-2		ATMS II GENERAL INFORMATION, PROG PROD 5740-XXV (OS/VIS), 5746-XXG (DOS/VIS)
80	SH20-1892-2		ADVANCED TEXT MANAGEMENT SYSTEM-II (ATMS-II) REFERENCE MANUAL - PROG PROD 5740-XXV (OS/VIS), 5746-XXG (DOS/VIS)
80	SH20-1893-2		ATMS-II, PROG PROD 5740-XXV (OS/VIS), 5746-XXG (DOS/VIS) TERMINAL OPERATOR'S GUIDE
80	SH20-1894-1		ADVANCED TEXT MANAGEMENT SYSTEM-II (ATMS-II) OPERATIONS GUIDE - PROG PROD 5740-XXV (OS/VIS), 5746-XXG (DOS/VIS)
79	GH20-1895-1		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, GENERAL INFORMATION
79	SH20-1896-1		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 ADMINISTRATOR'S GUIDE (CURRENT RELEASE)
79	SH20-1897-2		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 COURSE AUTHORING GUIDE (CURRENT RELEASE)
79	SH20-1898-2		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 OPERATIONS GUIDE (CURRENT RELEASE)
79	SH20-1899-2		INTERACTIVE INSTRUCTIONAL SYSTEMS (OS/VIS-TSO) PROG PROD 5748-XX6, OPERATIONS GUIDE
79	SH20-1900-1		INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VIS-VTAM) PROG PROD 5748-XX6, OPERATIONS GUIDE
79	SH20-1901-1	SN20-4078	INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VIS-TCAM) PROG PROD 5748-XX6, OPERATIONS GUIDE
79	SH20-1902-1		INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VIS CICS) LIC PROG 5748-XX6 OPERATIONS GUIDE
79	SH20-1903-2	SN20-4049	INTERACTIVE INSTRUCTIONAL SYSTEM (OS/VIS/IMS) OPERATIONS LIC PROG 5748-XX6
79	SH20-1904-1		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 DOS/VIS/CICS OPERATIONS GUIDE (CURRENT RELEASE)
79	SH20-1905-1		INTERACTIVE INSTRUCTIONAL SYSTEM (DOS/VIS-VTAM), LIC PROG 5748-XX6, OPERATIONS GUIDE
83	GH20-1907-3		TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 GENERAL INFORMATION

80	GH20-1908-0			STAIRS/VS-TLS, PROG 5799-AQK (OS/VS), 5799-AQL (OS/VS), PRPQ P71044 ONLINE RETRIEVAL COMPONENT, P71045 THESAURUS GENERATOR, GENERAL INFORMATION
74	SH20-1910-0			NURSE SCHEDULING SYSTEM: FAIRVIEW GENERAL HOSPITAL, IUP 5796-ANA, DESCRIPTION/OPERATIONS
81	SH20-1914-1			ONLINE BUDGET ACCOUNTING SYSTEM, IUP 5796-ANC, DESCRIPTION/OPERATION
81	SH20-1915-1			ONLINE BUDGET ACCOUNTING SYSTEM, IUP 5796-ANC, TERMINAL USER'S GUIDE
67	SH20-1916-0			AUTOMATED TELLER HOST SUPPORT SYSTEM UNDER CICS/DOS/VS, IUP 5796-ANH, DESCRIPTION/OPERATIONS
32	SH20-1917-0	SN20-3629		3760 DYNAMIC BTP GENERATOR SYSTEM, IUP 5796-ANF, DESCRIPTION/OPERATIONS
73	SH20-1918-0			ONLINE NEWSPAPER CIRCULATION SYSTEM (CICS/VS), IUP 5796-ANP (OS/VS), 5796-ANQ (DOS/VS) DESCRIPTION/OPERATIONS
67	SH20-1919-0			AUTOMATED TELLER HOST SUPPORT SYSTEM UNDER CICS/DOS/VS, IUP 5796-ANH, TERMINAL USERS GUIDE
73	SH20-1920-0			ONLINE NEWSPAPER CIRCULATION SYSTEM (CICS/VS), IUP 5796-ANP (OS/VS), 5796-ANQ (DOS/VS), TERMINAL USERS GUIDE
79	SH20-1925-0			COURSE DESCRIPTION/ADMINISTRATION MANUAL: THE COUNSELING PROCESS, IUP 5796-PJD, USING THE INTERACTIVE TRAINING SYSTEM
81	SH20-1926-0			ECONOMIC EVALUATION FOR PSG II/VS - IUP 5796-ANJ, DESCRIPTION/OPERATIONS
60	SH20-1931-5			IMS APPLICATION DEVELOPMENT FACILITY - IUP 5796-PHX, DESCRIPTION/OPERATIONS
67	SH20-1932-0			BOOK I PROGRAM DESCRIPTION: STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, IUP 5796-PHH, -J, -K DESCRIPTION/OPERATIONS
67	SH20-1933-0			BOOK II, INSTALLATION AND OPERATIONS: STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, IUP 5796-PHH, -PHJ, -PHK, DESCRIPTION/OPERATIONS
74	GH20-1934-0			HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2 GENERAL INFORMATION, PROG PROD 5748-H11
74	GH20-1935-0			HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2 PHYSICIAN'S GUIDE, PROG PROD 5748-H11
74	SH20-1936-0			HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERS 2, REFERENCE AND OPERATIONS GUIDE, PROG PROD 5748-H11
81	SH20-1937-1	SN20-3767		TREND ANALYSIS/370 - SYSTEM/7 COLOR GRAPHICS SUPPORT FEATURE PROGRAM REFERENCE MANUAL
81	SH20-1938-0	SN20-3691	SN20-3701	TREND ANALYSIS/370 SYSTEM/7 COLOR GRAPHICS SUPPORT FEATURE, OPERATIONS GUIDE - PROG PROD 5740-F12, 5707-F12
67	GH20-1939-1	SN20-3752	SN20-3780	ELECTRONIC PAYMENT SYSTEMS SUPPORT CHECK PROCESSING, DOS/VS (DOSCHECK) GENERAL INFORMATION - PROG PROD 5746-F12
67	SH20-1940-3			ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING - DOS/VS (DOSCHECK, PROG PROD 5746-F12), REFERENCE, OPERATIONS
83	SH20-1942-0			APL GPSS FOR APLSV (5796-PJF), APL GPSS FOR VS APL 5796-PJG), IUP DESCRIPTION/OPERATIONS
82	SH20-1948-0			APL ADVANCED STATISTICAL LIBRARY DESCRIPTION/OPERATIONS IUP 5796-PJR, PJT
64	SH20-1949-0			ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, DESCRIPTION/OPERATIONS
64	SH20-1950-0			ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, TERMINAL USER'S GUIDE
67	SH20-1951-0			AUTOMATED BILL PAYMENT SYSTEM IUP 5796-ANX (DPD) NLZ (GSD), DESCRIPTION/OPERATION
81	SH20-1954-1	SN20-3946		APL DATA INTERFACE - IUP 5796-PKA, -PKB, -PKC, DESCRIPTION/OPERATION
74	SH20-1955-0			HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ANY, DESCRIPTION/OPERATIONS
74	SH20-1956-0			HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM TERMINAL OPERATORS GUIDE, IUP 5796-ANY
81	SH20-1957-0			FIRST NATIONAL BANK OF MARYLAND ONLINE PAYROLL & PERSONNEL SYSTEM - CICS/OS/VS, IUP 5796-AKH DESCRIPTION/OPERATION
64	SH20-1958-0			A RESPONSE EVALUATION SYSTEM, IUP 5796-ANZ, DESCRIPTION/OPERATION
64	SH20-1959-0			ONLINE LIBRARY CIRCULATION SYSTEM - IUP 5796-APA, DESCRIPTION/OPERATION
67	SH20-1960-0			CARDHOLDER ACCOUNTING, IUP 5796-AQR, DESCRIPTION/OPERATIONS
81	SH20-1961-0			FIRST NATIONAL BANK OF MARYLAND ONLINE PAYROLL & PERSONNEL SYSTEM - CICS/OS/VS, IUP 5796-AKH, USERS GUIDE
74	SH20-1962-0	SN20-3727		LABORATORY DATA MANAGEMENT SYSTEM ENHANCEMENTS: IUP 5796-APB, DESCRIPTION/OPERATION
67	SH20-1964-0			THE BANK TELLER 3600 APPLICATION PROGRAM, IUP 5796-ARD, DESCRIPTION/OPERATIONS
79	SH20-1966-0			ELEMENTARY MATHEMATICS, IUP 5796-APC, DESCRIPTION/OPERATIONS
79	SH20-1967-0			ELEMENTARY MATHEMATICS, IUP 5796-APC, INSTRUCTOR'S GUIDE
67	GH20-1969-0			CREDIT MANAGEMENT/VIRTUAL STORAGE (PRPQ MH4661) GENERAL INFORMATION, PROG 5799-ARY
67	GH20-1970-1			ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING CONTROL SYSTEM (CPCS) - DEPOSIT PROCESSING FEATURE GENERAL INFORMATION, PROG PROD 5734-F11
67	GH20-1971-1			ELECTRONIC PAYMENT SYSTEMS SUPPORT CHECK PROCESSING, DOS/VS GENERAL INFORMATION - PROG PROD 5740-F13
80	SH20-1973-1			ADVANCED TEXT MANAGEMENT SYSTEM-II, PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS), EXERCISE/REFERENCE GUIDE
30	SH20-1983-0	SN20-3787		FINANCIAL SERVICES TERMINALS SUPPORT FOR THE IBM 3606 AND 3608 FINANCIAL SERVICES TERMINALS PRPQ P09005, REFERENCE AND OPERATIONS PROG 5799-ARE
67	SH20-1985-0			CREDIT MANAGEMENT/VS PRPQ MH4661, PROG 5799-ARY, REFERENCE AND OPERATIONS
81	SH20-1987-0			DENSITY SLICING FEATURE TO EARTH RESOURCES - MANAGEMENT II (ER-MAN II), PROG PROD 5799-ARX, PRPQ MH2256, DESCRIPTION/OPERATIONS
50	GH20-2002-1			DISPLAY MANAGEMENT SYSTEM/3790 (DMS/3790), LIC PROG 5748-XC2, GENERAL INFORMATION
50	SH20-2014-1	SN20-3933 **SN20-4485	SN20-3976	DMS/3790, LIC PROG 5748-XC2, REFERENCE MANUAL



50	SH20-2015-2	**SN20-4484	DMS/3790, LIC PROG 5748-XC2, OPERATIONS GUIDE
67	GH20-2018-0		CUSTOMER INFORMATION FACILITY (CIF/VIS) GENERAL INFORMATION
67	**GH20-2019-2		IBM 3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VIS), 5746-F57 (DOS/VIS), GENERAL INFORMATION PROGRAM CUSTOMIZER FOR THE 3600 FINANCE SYSTEM (PC/3600), LIC PROG 5746-F11, 5740-F11: INDEX FOR PC/3600 MANUALS
67	SH20-2023-0		DISTRIBUTED SYSTEMS EXECUTIVE, LIC PROG 5748-XXG, REFERENCE/OPERATIONS
30	SH20-2025-2	SN20-4062	AUTOMATED TELLER HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VIS, IUP 5796-AQT, DESCRIPTION/OPERATION
67	SH20-2028-1		AUTOMATED TELLER HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VIS IUP 5796-AQT, TERMINAL USER'S GUIDE
67	SH20-2029-0		CARDHOLDER ACCOUNTING, IUP 5796-AQR, TERMINAL USER'S GUIDE
67	SH20-2033-0		COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING SYSTEM IUP 5796-ATA, -ATB, USER TRAINING MANUAL (CURRENT RELEASE)
72	SH20-2035-2		COMPUTER-GRAPHICS AUGMENTED DESIGN & MANUFACTURING SYSTEM IUP 5796-ATA, -ATC, -ATE, -ATG, NUMERICAL CONTROL SUPPLEMENT USER TRAINING
72	SH20-2036-1		TIME SERIES DATA BASE MAINTENANCE - TREND ANALYSIS S/370 IUP 5796-AQN, DESCRIPTION/OPERATIONS
81	SH20-2037-0	SN20-3901	DATA BASE COPY PROGRAMS - TREND ANALYSIS/370, IUP 5796-AQL, DESCRIPTION/OPERATIONS
81	SH20-2038-0		DASD UTILIZATION ANALYSIS - TREND ANALYSIS/370, IUP 5796-AQK, DESCRIPTION/OPERATIONS
81	SH20-2039-0		ALAMO NATIONAL BANK AUTHORIZATION SYSTEM 5796-AQQ, DESCRIPTION/OPERATIONS
67	SH20-2040-0		MERCHANTS ACCOUNTING/DATA ENTRY IUP 5796-AQP, CARDHOLDER ACCOUNTING, IUP 5796-AQR, TERMINAL USER'S GUIDE
67	SH20-2041-0		MERCHANTS ACCOUNTING/DATA ENTRY IUP 5796-AQP, DESCRIPTION/OPERATIONS
67	SH20-2042-0		MERCHANTS ACCOUNTING/DATA ENTRY, IUP 5796-AQP, TERMINAL USER'S GUIDE
67	SH20-2043-0		EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, DESCRIPTION/OPERATION
64	SH20-2048-0		EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, TERMINAL USER'S GUIDE
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79	SH20-2053-0		DELEGATION - A MANAGEMENT TRAINING COURSE IUP 5796-AQY, DESCRIPTION/ADMINISTRATION
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79	SH20-2069-0		IMS/VIS MASTER TERMINAL OPERATOR TRAINING-II, IUP 5796-ARJ, COURSE DESCRIPTION/ADMINISTRATION MANUAL
79	SH20-2071-0	SN20-6509	MAINTENANCE, ENGINEERING AND STORES SYSTEM, IUP 5796-ARP, ARQ, ARR, ARW, ARX, DESCRIPTION/OPERATIONS
78	SH20-2074-0		MAINTENANCE, ENGINEERING AND STORES SYSTEM, IUP 5796-ARP, ARQ, ARR, ARW, ARX, USER'S GUIDE
78	SH20-2075-0		LISP/370, IUP 5796-PKL, DESCRIPTION/OPERATIONS
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64	SH20-2082-1		DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, INSTALLATION GUIDE
64	SH20-2083-1		DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, TERMINAL USER'S RESOURCE GUIDE
64	SH20-2085-1		DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-ARY, IN SERVICE TERMINAL MANUAL
64	SH20-2086-1		GRAPHIC ONLINE DIAGRAM DISPLAY, FDP 5798-CWX, NOTICE DESCRIPTION/OPERATIONS
76	SH20-2087-2		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING CAD ONLY INTERACTIVE MODULE IUP 5796-ATA INSTALLATION PROGRAMMER'S GUIDE (CURRENT RELEASE)
72	**SH20-2091-5		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING CAD/CAM INTERACTIVE MODULE IUP 5796-ATB, INSTALLATION PROGRAMMER'S GUIDE (CURRENT RELEASE)
72	**SH20-2092-5		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING DATA MANAGEMENT MODULE, IUP 5796-ATC, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)
72	**SH20-2093-4		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING HARDCOPY MODULE, IUP 5796-ATD, INSTALLATION AND PROGRAMMER'S GUIDE
72	**SH20-2094-4	**SN20-4448	COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING APT INTERFACE MODULE, IUP 5796-ATE, INSTALLATION AND PROGRAMMER'S GUIDE
72	**SH20-2095-4		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING TELECOMMUNICATIONS MODULE, IUP 5796-ATF, INSTALLATION AND PROGRAMMER'S GUIDE
72	SH20-2096-3		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING STATISTICAL DATA MODULE, IUP 5796-ATG, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)
72	**SH20-2097-4		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING ACCOUNTING INFORMATION MODULE, IUP 5796-ATH, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)
72	**SH20-2098-4		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING GEOMETRY INTERFACE MODULE, IUP 5796-ATJ, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)
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81	SH20-2102-0		CONTROLLING JES 2 I/O DEVICES - OPERATOR TRAINING MINI COURSES IUP 5796-PLD COURSE DESCRIPTION AND ADMINISTRATION
79	SH20-2109-0		P/C 3600 TRANSACTION DOCUMENTOR AND CROSS-REFERENCE, LIC PROG 5796-ATR
67	SH20-2110-0		STAIRS/VIS TRAINING IUP 5796-PLF COURSE DESCRIPTION/ADMINISTRATION
80	SH20-2111-1		CONTROLLING JES2 I/O DEVICES - OPERATOR TRAINING MINI COURSES IUP 5796-PLD, STUDENT MATERIALS
79	SH20-2113-0		APL CONTINUOUS SYSTEM MODELLING PROGRAM, IUP 5785-KAE DESCRIPTION/OPERATIONS
83	SH20-2115-1		

79	SH20-2116-0		3800 SYSTEM DESIGN AND DOCUMENTATION AID, IUP 5796-ATY, DESCRIPTION/OPERATION
74	SH20-2119-0		DOS/V5 HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ATZ, INSTALLATION GUIDE
37	SH20-2120-0		3600 STATISTICS AND MESSAGE LOG FOR CICS/DOS/V5 IUP 5796-AWB, DESCRIPTION/OPERATIONS
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79	SH20-2137-1		3277 GRAPHICS ATTACHMENT SUPPORT (PROGRAMMING RPQ P09013), LIC PROG 5799-AXX, PROGRAM REFERENCE AND OPERATIONS
79	SH20-2138-0	SN20-3989	3277 APL GRAPHICS ATTACHMENT SUPPORT, PRPQ 5799-AXW, PROGRAMMING REFERENCE AND OPERATIONS MANUAL
78	GH20-2140-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF) GENERAL INFORMATION MANUAL APPLICATION MANUAL
78	GH20-2141-1		ACP/TPF APPLICATION PROGRAMMING GUIDE
79	GH20-2146-0		3277 GRAPHICS ATTACHMENT SUPPORT, PRPQ P09013 LIC PROG 5799-AXX, GENERAL INFORMATION
79	GH20-2147-0	GN20-3988	3277 APL GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXW, GENERAL INFORMATION
30	GH20-2149-2		DISTRIBUTED SYSTEMS EXECUTIVE (DSX), LIC PROG 5748-XXG, GENERAL INFORMATION
30	**GH20-2150-2		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG 5748-D22, GENERAL INFORMATION
81	GH20-2151-3		S/370 INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4 (CICS OS/V5, IMS/V5), 5746-AM1 (CICS DOS/V5), GENERAL INFORMATION
79	GH20-2152-1		INTERACTIVE GEO-FACILITIES GRAPHIC SUPPORT, LIC PROG 5799-AYB, GENERAL INFORMATION
79	SH20-2153-1		HIERARCHICAL MONITOR SYSTEM FOR THE 3630 (HMS/3630), LIC PROG 5799-AKD PRPQ MJ6871, PROGRAM REFERENCE & OPERATIONS
78	GH20-2157-0		ACP/TRANSACTION PROCESSING FACILITY, LIC PROG 5748-T11 CONCEPTS AND ARCHITECTURE
74	SH20-2159-0		PATIENT CARE SYSTEM - RADIOLOGY, IUP 5796-AWJ
74	SH20-2160-0		PATIENT CARE SYSTEM - RADIOLOGY, IUP 5796-AWJ, TERMINAL USERS GUIDE
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74	SH20-2163-0		LABORATORY DATA ACQUISITION SYSTEM IUP 5796-AWH, DESCRIPTION/OPERATIONS
81	**SH20-2165-2		A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PLN, DESCRIPTION/OPERATIONS
79	SH20-2167-0		PROBLEM DETERMINATION FOR MVS OPERATORS IUP 5785-LAC COURSE DESCRIPTION/ADMINISTRATION
79	SH20-2168-0	SN20-3963	PROBLEM DETERMINATION FOR MVS OPERATORS IUP 5785-LAC STUDENT MATERIALS
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65	SH20-2174-0		APL MULTIVARIATE TIME SERIES ANALYSIS VSAPL, IUP 5796-PLX DESCRIPTION/OPERATIONS
72	**SH20-2179-2		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D MESH GEOMETRY MODULE, 5796-AWR, INSTALLATION AND PROGRAMMER'S GUIDE (CURRENT RELEASE)
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72	SH20-2181-1		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D MESH GEOMETRY, IUP 5796-AWR, USER TRAINING MANUAL
72	SH20-2182-1		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING, 3D SURFACE GEOMETRY, 5796-AWT, USER MANUAL SUPPLEMENT (CURRENT RELEASE)
67	SH20-2183-0	SN20-4120	COMMERCIAL BANK 3600 TELLER APPLICATION PROGRAM, IUP 5796-AXK, DESCRIPTION/OPERATION
67	SH20-2185-0		ELECTRONIC PAYMENT SYSTEMS SUPPORT DEPOSIT PROCESSING, LIC PROG 5740-F13, PROGRAM REFERENCE
67	SH20-2186-0		ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING-OS/V5 Lic PROG 5740-F13, OPERATIONS GUIDE
67	SH20-2187-0		ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING OS/V5, LIC PROG 5740-F13, TERMINAL OPERATIONS GUIDE
30	**GH20-2188-4		ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, GENERAL INFORMATION
74	GH20-2189-4		3650 PROGRAMMABLE STORE SYSTEM PHARMACY APPLICATION/STORE ENVIRONMENT, LIC PROG 5735-H11, GENERAL INFORMATION
78	GH20-2190-0		AIRLINES CONTROL PROGRAM (ACP), LIC PROG 5799-WKG, TAPE SUPPORT, VOLUME J8
63	GH20-2193-0		3680 PROGRAMMABLE STORE SYSTEMS/SALES APPLICATION, LIC PROG 5735-D61, GENERAL INFORMATION
63	GH20-2194-0		3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, GENERAL INFORMATION
79	GH20-2196-1		INTERACTIVE GEO-FACILITIES, GRAPHIC SUPPORT, LIC PROG 5799-AYB, PROGRAMMING RPQ P09016 INTERFACE FORMAT DEFINITIONS
67	**SH20-2200-2		3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/V5), 5746-F57 (DOS/V5), PROGRAM REFERENCE
67	**SH20-2201-2	**SN20-4624	3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51, OPERATION'S GUIDE
67	**SH20-2202-2	**SN20-4625	3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5746-F57,

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67	**SH20-2203-2		3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VS), 5746-F57 (DOS/VS), TERMINAL USER'S GUIDE
67	SH20-2212-1		CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, OPERATIONS GUIDE
67	SH20-2213-2		CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, PROGRAM REFERENCE
78	GH20-2214-0		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF) WITH A FEATURE FOR MULTISYSTEM NETWORKING, LIC PROG 5748-T11, SPECIFICATIONS
67	SH20-2216-1		CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE (CIF/VS), LIC PROC 5740-XYC, OPERATIONS GUIDE
78	GH20-2301-0		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, MAIN SUPERVISOR PROGRAM REFERENCE
78	GH20-2302-0	**GN20-4126	**GN20-4641 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA BASE CONTROL PROGRAM REFERENCE
78	GH20-2303-0	**GN20-4127	**GN20-4642 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA BASE SUPPORT PROGRAM REFERENCE
78	GH20-2304-0	GN20-4138	**GN20-4560 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA COMMUNICATIONS SERVICES PROGRAM REFERENCE
78	GH20-2305-1	**GN20-4552	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SNA DATA COMMUNICATIONS PROGRAM REFERENCE
78	GH20-2306-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, NON-SNA DATA COMMUNICATIONS PROGRAM REFERENCE
78	GH20-2307-0		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, CONSUMER FINANCE SUPPORT, PROGRAM REFERENCE
78	GH20-2308-0		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, MAGNETIC TAPE SUPPORT PROGRAM REFERENCE
78	GH20-2309-0		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAMMABLE TERMINAL INTERCHANGE PROGRAM REFERENCE REFERENCE
78	GH20-2310-0		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM/7 REMOTE MULTIPLEXOR PROGRAM REFERENCE
78	GH20-2311-0	**GN20-4128	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, HYPERVISOR PROGRAM REFERENCE
78	GH20-2312-1	**GN20-4129	**GN20-4551 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIS PROG 5748-T11, SYSTEM INSTALLATION SUPPORT PROGRAM REFERENCE
78	GH20-2313-0	GN20-4143	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAM DEVELOPMENT SUPPORT PROGRAM REFERENCE
78	GH20-2314-0	GN20-4146	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM PERFORMANCE AND MEASUREMENT PROGRAM REFERENCE
78	GH20-2315-0	GN20-4124	**GN20-4130 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA MANUAL
78	GH20-2316-0	**GN20-4131	GN20-4142 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, MACROS
78	GH20-2317-0	GN20-4125	**GN20-4132 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, OPERATIONS
78	GH20-2318-0	**GN20-4133	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM GENERATION GUIDE
78	GH20-2319-0	GN20-4140	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DOCUMENTATION AIDS
78	LH20-2320-1	**LN20-4134	AIRLINES CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF), LIC PROG 5748-T11, MAIN SUPERVISOR LOGIC
78	LH20-2321-1	**LN20-4135	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA BASE CONTROL LOGIC
78	LH20-2322-1	**LN20-4136	**LN20-4555 AIRLINES CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY (ACP/TPF), LIC PROG 5748-T11, DATA BASE SUPPORT LOGIC
78	LH20-2323-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, DATA COMMUNICATIONS SERVICES LOGIC
78	LH20-2324-1	**LN20-4553	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SNA DATA COMMUNICATIONS LOGIC
78	LH20-2325-1	LN20-4123	LN20-4421 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, NON-SNA DATA COMMUNICATIONS LOGIC
78	LH20-2326-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF CONSUMER FINANCE SUPPORT, LIC PROG 5748-T11, LOGIC
78	LH20-2327-1	**LN20-4557	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, MAGNETIC TAPE SUPPORT LOGIC
78	LH20-2328-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAMMABLE TERMINAL INTERCHANGE LOGIC
78	LH20-2329-1	LN20-4137	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM/7 REMOTE MULTIPLEXOR LOGIC
78	LH20-2330-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, HYPERVISOR LOGIC
78	LH20-2331-1	**LN20-4558	AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM INSTALLATION SUPPORT LOGIC
78	LH20-2332-1	**LN20-4144	**LN20-4554 AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, PROGRAM DEVELOPMENT SUPPORT LOGIC
78	LH20-2333-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF, LIC PROG 5748-T11, SYSTEM PERFORMANCE AND MEASUREMENT LOGIC
78	LH20-2334-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF/ACF, LIC PROG 5748-T11, CROSS DOMAIN SUPPORT LOGIC
78	LH20-2335-1		AIRLINE CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY ACP/TPF/ACF, LIC PROG 5748-T11, NETWORK EXTENSION FACILITY LOGIC
65	SH20-2336-0		INTERACTIVE CIRCUIT DESIGN, IUP 5796-PLR, USER'S GUIDE
67	SH20-2339-0		THE FINANCIAL ANALYSIS AND CREDIT EVALUATION SYSTEM, IUP 5796-AWY, DESCRIPTION/OPERATIONS
83	SH20-2340-0		DISPLAY MONITOR FOR TELEPROCESSING NETWORK SIMULATOR, IUP 5796-AKN, DESCRIPTION/OPERATIONS

67	**SH20-2342-0			COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, REPORTS MANUAL
67	**SH20-2343-0			COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, INSTALLATION GUIDE
67	SH20-2345-0			BOND QUOTE SYSTEM, IUP 5796-AXY, DESCRIPTION/OPERATIONS
64	SH20-2347-0			DORTMUND LIBRARY SYSTEM, IFP 5787-DAA, LIBRARIAN'S GUIDE
64	SH20-2348-0			DORTMUND LIBRARY SYSTEM, IFP 5787-DAA, DESCRIPTION/OPERATIONS
64	SH20-2350-1			LEUVEN LIBRARY SYSTEM - BATCH, IFP 5787 - FAH, DESCRIPTION/OPERATIONS
64	SH20-2351-1			LEUVEN LIBRARY SYSTEM - ONLINE, IFP 5787-FAJ, LIBRARIAN'S GUIDE
64	SH20-2352-1			LEUVEN LIBRARY SYSTEM - ONLINE, IFP 5787-FAJ, DESCRIPTION/OPERATIONS
64	SH20-2354-0			DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-AYA, -AYB, -AYE, SYSTEM DESCRIPTION AND COUNSELOR GUIDE
64	SH20-2357-0			DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-AYA, -AYB, -AYC
67	SH20-2359-0			3890 ON-LINE FINE SORT ENHANCEMENTS, IUP 5796-AYF, DESCRIPTION/OPERATION
81	SH20-2360-0			LONG TERM DEBT MANAGEMENT SYSTEM, IUP 5796-AXZ, DESCRIPTION/OPERATIONS
67	SH20-2401-2+			CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, TERMINAL OPERATIONS GUIDE
80	GH20-2404-0			ADVANCED TEXT MANAGEMENT SYSTEM-III (ATMS-III), LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), GENERAL INFORMATION
79	SH20-2405-2			INTERACTIVE GEO-FACILITIES GRAPHIC SUPPORT, LIC PROG 5799-AYB, PROGRAM REFERENCE AND OPERATIONS
30	**SH20-2406-4			ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XR2, PROGRAM REFERENCE AND OPERATIONS
78	GH20-2407-0			NETWORK EXTENSION FACILITY FOR AIRLINES CONTROL PROGRAM/TRANSACTION PROCESSING FACILITY WITH ADVANCED COMMUNICATIONS FUNCTION, LIC PROG 5799-AZP, GENERAL INFORMATION
30	**SH20-2408-1			3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION STORE DATA MANAGEMENT, LIC PROG 5748-D22, PROGRAMMER'S AND OPERATIONS GUIDE
74	SH20-2411-1			3650 PROGRAMMABLE SYSTEM PHARMACY APPLICATION/STORE ENVIRONMENT, LIC PROG 5735-H11, USERS GUIDE
74	SH20-2412-1			3650 PROGRAMMABLE STORE SYSTEM PHARMACY APPLICATION/STORE ENVIRONMENT, LIC PROG 5735-H11, PROGRAM REFERENCE AND OPERATIONS GUIDE
67	SH20-2413-1			CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5740-XYB, OPERATIONS GUIDE
67	**GH20-2414-4			3600 ADMINISTRATIVE APPLICATION SUPPORT PROGRAM, LIC PROG 5748-F55, GENERAL INFORMATION
83	SH20-2418-0			TELEPROCESSING NETWORK SIMULATOR, RELEASE 5.0 USER'S GUIDE
78	SH20-2419-1			NETWORK EXTENSION FACILITY FOR AIRLINES CONTROL PROGRAM, LIC PROG 5799-AZP, PRPQ P09021 PROGRAM REFERENCE AND OPERATIONS
30	SH20-2422-1			DISTRIBUTED SYSTEMS EXECUTIVE RELEASE 2, LIC PROG 5748-XXG, INSTALLATION GUIDE
50	GH20-2423-1			DEVELOPMENT MANAGEMENT SYSTEM/DISTRIBUTED PROCESSING CONTROL EXECUTIVE (DMS/DPCX), LIC PROG 5748-XC4 GENERAL INFORMATION
80	**SH20-2424-2			ADVANCED TEXT MANAGEMENT SYSTEM-III, LIC PROG 5740-XYL, 5746-XXU, PROGRAM REFERENCE
80	SH20-2425-0	SN20-4040	SN20-4071	ADVANCED TEXT MANAGEMENT SYSTEM-III, LIC PROG 5740-XYL, 5746-XXU, TERMINAL OPERATOR'S GUIDE
80	SH20-2426-0	**SN20-4393		ADVANCED TEXT MANAGEMENT SYSTEM-III (ATMS-III) LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), TERMINAL OPERATORS EXERCISE AND REFERENCE GUIDE
80	**SH20-2427-1			ADVANCED TEXT MANAGEMENT SYSTEM-III, LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), OPERATIONS GUIDE
63	SH20-2428-1			3680 PROGRAMMABLE STORE SYSTEM SALES APPLICATION, LIC PROG 5735-D61, PROGRAMMERS GUIDE
63	SH20-2429-0			3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION - OPERATIONS GUIDE
63	SH20-2430-0			3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, PROGRAMMERS GUIDE
63	SH20-2431-0			3680 PROGRAMMABLE STORE SYSTEM SALES APPLICATION, LIC PROG 5735-D61, OPERATIONS GUIDE
81	**SH20-2439-1			INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1, IMPLEMENTATION GUIDE
73	GH20-2440-0			DOCUMENT INTERCHANGE FACILITY, LIC PROG 5668-003, -004, GENERAL INFORMATION
80	**SH20-2441-1			ATMS-III, LIC PROG 5740-XYL (OS/VS) 5746-XXU (DOS/VS) LESSON AUTHORIZING GUIDE
81	SH20-2442-0			INTERACTIVE PERSONNEL SYSTEM GOVERNMENT REPORTING AND BENEFITS TRACKING FEATURE LIC PROG 5740-AM4 (IMS/VS, CICS/OS/VS) 5746-AM1 (CICS/DOS/VS), REFERENCE GUIDE
67	**SH20-2443-2			3600 ADMINISTRATIVE APPLICATION SUPPORT, LIC PROG 5748-F55, PROGRAM REFERENCE AND OPERATIONS
67	GH20-2444-1			CHECK PROCESSING EXECUTIVE, LIC PROG 5748-F53, GENERAL INFORMATION
81	GH20-2445-0			TREND ANALYSIS/CICS/OS/VS, LIC PROG 5740-XYT, GENERAL INFORMATION
79	GH20-2446-0			INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, GENERAL INFORMATION MANUAL
79	GH20-2447-0			INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, BASIC AUTHOR TRAINING FOR THE COURSE STRUCTURING FACILITY STUDENT MATERIALS
79	GH20-2448-0			INTERACTIVE INSTRUCTION AUTHORIZING SYSTEM, LIC PROG 5668-011, EXTENDED AUTHOR TRAINING FOR THE COURSE STRUCTURING FACILITY STUDENT MATERIAL
79	SH20-2449-0			INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, ADMINISTRATOR'S GUIDE (CURRENT RELEASE)
79	SH20-2450-0	SN20-4092		INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011, COURSE AUTHORIZING GUIDE
79	SH20-2451-0			INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-011,

79	SH20-2452-0		SIMULATION/EXERCISE FACILITY AUTHORIZING GUIDE INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/V5 CICS)
79	SH20-2453-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/V5 ICAM)
79	SH20-2454-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/V5-TSO)
79	SH20-2455-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (OS/V5-VTAM)
79	SH20-2456-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (DOS/V5-CICS)
79	SH20-2457-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (DOS/V5-VTAM)
79	SH20-2458-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, LIC PROG 5668-012, 011, OPERATIONS GUIDE (IMS/V5)
79	SH20-2459-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, OPERATIONS GUIDE (CURRENT RELEASE)
63	**GH20-2461-1		3680 PROGRAMMABLE STORE SYSTEM SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62, GENERAL INFORMATION
75	GH20-2464-0		ADVANCED CONTROL SYSTEM, LIC PROG 5799-BEJ, -BEW, GENERAL INFORMATION
72	SH20-2469-0		AUTOMATICALLY PROGRAMMED TOOL: NUMERICAL CONTROL, INTERMEDIATE CONTOURING (APT-IC) LIC PROG 5740-M52, ADVANCED CONTOURING (APT-AC) LIC PROG 5740-M53, PROGRAM REFERENCE VOLUME 2
73	SH20-2474-0		DOCUMENT INTERCHANGE FACILITY/CENTRAL, LIC PROG 5668-003, PROGRAM REFERENCE
73	SH20-2475-0		DOCUMENT INTERCHANGE FACILITY DISTRIBUTED, LIC PROG 5668-004 PROGRAM REFERENCE
73	SH20-2476-0		DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-004 USERS GUIDE
73	SH20-2477-0		DOCUMENT INTERCHANGE FACILITY/CENTRAL AND DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-003, -004, INSTALLATION AND OPERATIONS GUIDE
76	GH20-2482-0		GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, GENERAL INFORMATION
76	SH20-2483-0	**SN20-4622	GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, OPERATOR GUIDE
76	SH20-2484-0	**SN20-4621	GEO-FACILITIES DATA BASE SUPPORT, LIC PROG 5799-BEB, PROGRAM REFERENCE
83	GH20-2487-0		TELEPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5662-262 GENERAL INFORMATION
83	SH20-2488-0		TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, PROGRAM REFERENCE
83	SH20-2489-0		TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, LANGUAGE REFERENCE
83	SH20-2490-0		TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, USER'S GUIDE
80	GH20-2493-0		PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, GENERAL INFORMATION
67	**SH20-2494-3		CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, OPERATORS HANDBOOK
67	**SH20-2495-2	**SN20-4405	CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, PROGRAM REFERENCE AND OPERATIONS
67	**SH20-2496-3		CHECK PROCESSING EXECUTIVE/V5, LIC PROG 5748-F54, PROGRAM REFERENCE AND OPERATIONS
67	**GH20-2497-1		COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, GENERAL INFORMATION
50	**SH20-2498-0		DEVELOPMENT MANAGEMENT SYSTEM 1 DISTRIBUTED PROCESSING CONTROL EXECUTIVE, LIC PROG 5748-XC4, MESSAGES
67	**SH20-2499-0		CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, TABS FOR OPERATORS HANDBOOK
67	**SH20-2500-0		CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, BINDER FOR OPERATORS HANDBOOK
72	SH20-2505-0		ONLINE PLANT MAINTENANCE SYSTEM - SPARE PARTS MANAGEMENT, IUP 5787-NAE, DESCRIPTION/OPERATIONS
63	SH20-2511-0		CASHIER PERFORMANCE SYSTEM, IUP 5796-BAE, DESCRIPTION/OPERATIONS
81	SH20-2514-0		QUERY BY EXAMPLE TO A DEPARTMENTAL REPORTING SYSTEM II BRIDGE, IUP 5796-PLN, DESCRIPTION/OPERATIONS
81	**SH20-2515-0		APL DATA INTERFACE II/TSO, IUP 5796-PNJ, DESCRIPTION/OPERATIONS
73	SH20-2521-0		PANEL 2, IUP 5796-PPA, DESCRIPTION/OPERATIONS
74	SH20-2526-1		COMPUTER ASSISTED PHARMACY SYSTEM (DOS/VSE), IUP 5796-BBK, QUICK REFERENCE
74	SH20-2527-0		COMPUTER ASSISTED PHARMACY SYSTEM (DOS/VSE) IUP 5796-BBK, DESCRIPTION/OPERATIONS
74	SH20-2528-0		COMPUTER ASSISTED PHARMACY SYSTEM, IUP 5796-BBK, TERMINAL USERS GUIDE
74	SH20-2529-0		COMPUTER ASSISTED PHARMACY SYSTEM, IUP 5796-BBK, OPERATION MANUAL
50	**SH20-2530-3		DEVELOPMENT MANAGEMENT SYSTEM/DPX, LIC PROG 5748-XC4
63	SH20-2531-0		DIRECT STORE DELIVERY, IUP 5796-BBE, DESCRIPTION/OPERATIONS
74	SH20-2532-0		COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, DESCRIPTION/OPERATIONS
74	SH20-2533-0		COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, OPERATIONS
74	SH20-2534-0		COMPUTER ASSISTED PHARMACY SYSTEM, IUP 5796-BBD, TERMINAL USERS GUIDE
74	SH20-2535-1		COMPUTER ASSISTED PHARMACY SYSTEM (MVS), IUP 5796-BBD, TERMINAL USERS QUICK REFERENCE
64	SH20-2536-0		EDUCATIONAL INFORMATION SYSTEM/DATABASE, IUP 5796-BAZ, DESCRIPTION/OPERATIONS
67	SH20-2550-0		3624 AUTOMATED TELLER MACHINE HOST SUPPORT IMS/V5, IUP 5796-BBG,

			DESCRIPTION/OPERATIONS
67	SH20-2551-0		IMS/V5 3624 AUTOMATED TELLER MACHINE HOST SUPPORT, IUP 5796-BBG, USERS GUIDE
67	**SH20-2555-0		AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, DESCRIPTION/OPERATIONS
67	**SH20-2556-0		AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, PROGRAM INSTALLATION/OPERATIONS
67	**SH20-2557-0	**SN20-4563	AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, TERMINAL USER'S GUIDE
72	SH20-2558-0		CIRCUIT PACK SYSTEM, IUP 5796-BBL, DESCRIPTION/OPERATIONS
72	SH20-2559-0		DESIGN VERIFICATION SYSTEM, IUP 5796-BBN, DESCRIPTION/OPERATIONS
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72	SH20-2563-0		DESIGN VERIFICATION SYSTEM, IUP 5796-BBN, TERMINAL USERS GUIDE
72	SH20-2564-0		DATA STORAGE SYSTEM, IUP 5796-BBP, TERMINAL USERS GUIDE
64	SH20-2566-0	**SN20-4467	ENGLISH COMMUNICATION SKILLS CAI VERSION II, IUP 5796-BBT, DESCRIPTION/OPERATIONS
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64	SH20-2568-0		ENGLISH COMMUNICATION SKILLS CAI VERSION II, IUP 5796-BBT, USERS GUIDE
67	**SH20-2570-0		COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, OPERATIONS MANUAL
67	**SH20-2571-0		COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, INSTALLATION MANUAL
67	**SH20-2572-0		COMPREHENSIVE CREDIT UNION SYSTEM, IUP 5796-BBW, -BBX, -BBY, TERMINAL USERS GUIDE
65	**SH20-2582-0	**SN20-4453	COMPUTER AIDED ENGINEERING DESIGN SYSTEM, FRAME ANALYSIS SYSTEM, IUP 5796-AZA, DESCRIPTION/OPERATIONS
65	**SH20-2583-0	**SN20-4456	COMPUTER AIDED ENGINEERING DESIGN SYSTEM, FINITE ELEMENT ANALYSIS, IUP 5796-AZB, DESCRIPTION/OPERATIONS
65	**SH20-2586-0	**SN20-4452 **SN20-4564	COMPUTER AIDED ENGINEERING DESIGN SYSTEM, GRAPHICS SYSTEM, IUP 5796-BBZ, DESCRIPTION/OPERATIONS
65	**SH20-2587-0	**SN20-4454	COMPUTER AIDED ENGINEERING DESIGN SYSTEM, FRAME ANALYSIS, IUP 5796-AZA, USER MANUAL
65	**SH20-2588-0	**SN20-4455	COMPUTER AIDED ENGINEERING DESIGN SYSTEM FINITE ELEMENT ANALYSIS, IUP 5796-AZB, USER MANUAL
65	**SH20-2591-0	**SN20-4565	COMPUTER AIDED ENGINEERING DESIGN SYSTEM, GRAPHICS, IUP 5796-BBZ, USER MANUAL
74	**SH20-2595-0		PATIENT CARE SYSTEM-INFECTION DATA MANAGEMENT, IUP 5796-BCC, DESCRIPTION/OPERATION
72	SH20-2598-0		CIRCUIT PACK SYSTEM, IUP 5796-BBL, TERMINAL USERS GUIDE
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72	SH20-2600-0		CIRCUIT PACK SYSTEM, IUP 5796-BBL, PHYSICAL LAYOUT TERMINAL USER GUIDE
72	SH20-2601-0		CIRCUIT PACK SYSTEM, IUP 5796-BBL, MANUFACTURING DATA GENERATION SYSTEM TERMINAL USERS GUIDE
67	**SH20-2605-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXX, DESCRIPTION/OPERATIONS
73	**SH20-2607-1		MANYFONT, IUP 5796-PPE, USERS GUIDE
74	**SH20-2612-0		PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, DESCRIPTION/OPERATIONS
74	**SH20-2613-0		PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, MESSAGES AND CODES REFERENCE
74	**SH20-2614-0		PATIENT CARE SYSTEM-APPLICATION PREPARATION SYSTEM, IUP 5796-BCF, DESIGN AND CODING GUIDE
79	**SH20-2617-0		HOST DOCUMENT VIEW FACILITY, IUP 5796-BCL, DESCRIPTION/OPERATIONS
79	**SH20-2619-0		APL GRAPHPAK FULL SCREEN INTERFACE, IUP 5796-PPH, DESCRIPTION/OPERATIONS
71	**SH20-2623-0		GROUP LIFE MANAGEMENT SYSTEM, 5796-PQF, DESCRIPTION/OPERATIONS
64	**SH20-2624-0		RAMS II STUDENT SERVICES SYSTEM, IUP 5796-BCR, DESCRIPTION/OPERATIONS
64	**SH20-2626-0		RAMS II STUDENT SERVICES SYSTEM, IUP 5796-BCR, INSTALLATION
73	**SH20-2627-0	**SN20-4463	MANYFONT, IUP 5796-PPE, PRIMER
72	**SH20-2628-1	**SN20-4474	COMPUTER GRAPHICS AIDED THREE DIMENSIONAL INTERACTIVE APPLICATIONS, IUP 5796-PQG, -PQH, -PQJ, -PQL, INSTALLATION
72	**SH20-2629-1	**SN20-4475	COMPUTER-GRAPHICS AIDED THREE DIMENSIONAL INTERACTIVE APPLICATIONS, IUP 5796-PQG, -PQH, -PQJ, -PQL, USER MANUAL
74	**SH20-2630-0		PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, DATA MANAGEMENT REFERENCE
74	**SH20-2631-0		PATIENT CARE SYSTEM-APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, EDIT FUNCTION REFERENCE
60	**SH20-2634-0		IMS APPLICATION DEVELOPMENT FACILITY, IUP 5796-PHX, APPLICATION DEVELOPING GUIDE
67	**SH20-2643-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, APPLICATION PROGRAMMERS MANUAL
67	**SH20-2644-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, TELLER MANUAL
67	**SH20-2646-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ONLINE OPERATORS MANUAL
67	**SH20-2647-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ONLINE PROGRAMMING AIDS
79	**SH20-2650-0		BASIC GRAPHIC SUPPORT SYSTEM, IUP 5785-DCK DESCRIPTION/OPERATIONS
79	**SH20-2651-0		BASIC INTERACTIVE GRAPHICS APPLICATION MONITOR, IUP 5785-DCJ DESCRIPTION/OPERATIONS
64	**SH20-2653-0	**SN20-4471	DORTMUND LIBRARY SYSTEM: LEUVEN LIBRARY SYSTEM-ONLINE, FDP 5787-DAA, -DAB, -FAJ, -FAK, DESCRIPTION/OPERATIONS
64	**SH20-2654-0	**SN20-4470	LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-FAH, -FAL, DESCRIPTION/OPERATIONS
64	**SH20-2655-0	**SN20-4473	DORTMUND LIBRARY SYSTEM: LEUVEN LIBRARY SYSTEM-ONLINE, LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-DAA, -DAB, -FAJ, -FAK, -FAH, -FAC, LIBRARIAN'S GUIDE
64	**SH20-2656-0		EDUCATIONAL INFORMATION SYSTEM/REGISTRATION, IUP 5796-PQR, DESCRIPTION/OPERATIONS
81	**SH20-2658-0		A DEPARTMENTAL REPORTING SYSTEM II BUSINESS GRAPHICS, IUP

5796-PLN FEATURES 6029 & 6030, USER GUIDE

71 \*\*SH20-2662-0 GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, PROGRAMMER USER GUIDE

71 \*\*SH20-2663-0 GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, USER TRANSACTION REFERENCES

71 \*\*SH20-2664-0 GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, USER TRANSACTION REFERENCE MANUAL

79 \*\*SH20-2668-0 FUNDAMENTAL ACCOUNTING PRINCIPLES, IUP 5796-PQY, DESCRIPTION/OPERATIONS

79 \*\*SH20-2674-0 GDDM FILE DISPLAY AND MAINTENANCE, IUP 5796-PQX, DESCRIPTION/OPERATION

67 \*\*SH20-2676-0 3600/4700 PLATFORM AUTOMATION SYSTEM, IUP 5796-BDK, NOTICE

30 \*\*SH20-2687-0 SERIES II - 3650 IN-STORE DATA COMMUNICATION FACILITY, IUP 5796-BDL, DESCRIPTION/OPERATIONS

64 GH20-4128-3 COURSEWRITER III/DOS VERSION 3 - SPECIFICATION SHEET PROGRAM NUMBER 5736-E11

79 GH20-4139-2 STAT/BASIC, PROG. PROD. 5734-XA3 SPECIFICATIONS

82 GH20-4308-2 MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF & VM/370-CMS, LIC PROG 5703-XM2, 5734-XM8, SPECIFICATIONS

79 GH20-4314-4 INTERACTIVE TRAINING SYSTEM: EXPANDED COURSE STRUCTURING FEATURE, PROG. PROD. 5734-XXC SPECIFICATIONS

64 GH20-4317-3 EPIC SOCRATES STUDENT SCHEDULING SYSTEM SPECIFICATION SHEET - PROG. NO. 5735-E91

64 GH20-4322-3 EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, SPECIFICATIONS

67 GH20-4323-1 IBM SECURITIES ORDER MATCHING (SOM) SPECIFICATIONS - PROGRAM PRODUCT 5734-F32

67 GH20-4324-3 IBM TELECOMMUNICATIONS CONTROL SYSTEM (TCS) SPECIFICATIONS PROGRAM PRODUCT 5734-F31

82 GH20-4326-1 BUSINESS ANALYSIS/BASIC FOR SYSTEM/3 MODEL 6, ITF AND VM/370-CMS, LIC PROG 5703-XM3, 5734-XMB, SPECIFICATIONS

74 GH20-4333-2 IBM HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM PPS - PROGRAM PRODUCTS 5734-H11 AND 5736-H15

67 GH20-4343-2 CHECK PROCESSING CONTROL SYSTEM (CPCS) - PROGRAM NUMBER 5734-F11 SPECIFICATIONS

72 GH20-4345-3 SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL, SPECIFICATIONS: APT-BP (BASIC POSITIONING), PROG. 5740-M51 APT-IC (INTERMEDIATE CONTOURING), PROG. 5740-M52 APT-AC (ADVANCED CONTOURING), PROG. 5740-M53

72 GH20-4361-0 IBM SYSTEM/370 AUTOMATICALLY PROGRAMMED TOOL - BASIC CONTOURING (APT-BC) SPECIFICATIONS PROG. PROD. 5746-XN1 (DOS/VS)

78 GH20-4372-1 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION (FERST/VS): OS/VS1 MESSAGE SWITCHING, PROG. PROD. 5795-AAF SPECIFICATIONS

78 GH20-4377-1 FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS) SPECIFICATIONS OS/VS1 EQUIPMENT CONTROL, PROG. PROD. 5795-AAH

78 GH20-4378-1 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VS (FERST/VS), SPECIFICATIONS - DOS/VS PROG. NO. 5795-AAJ, EQUIPMENT CONTROL

67 GH20-4382-0 CPCS/3890 FEATURE 6080/6081/6091 PROG. NO. 5734-F11, SPECIFICATIONS

78 GH20-4384-1 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VS (FERST/VS) OS/VS1 FREIGHT BILLING, LIC PROG 5795-AAK, SPECIFICATIONS

72 GH20-4385-2 IBM SYSTEM/370 CHAINED FILE - DL/I BRIDGE (DOS/VS AND OS/VS) - PROGRAM PRODUCT 5748-XX3, SPECIFICATIONS

81 GH20-4387-0 PSG II/VS DL/I DATA BASE & DATA BASE READ FEATURES, PROG PROD 5740-XT3 (OS/VS), 5746-XT1 (DOS/VS) SPECIFICATIONS

78 GH20-4389-1 FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FERST/VS) DOS/VS, SPECIFICATIONS - PROG. NO. 5795-AAL (FREIGHT BILLING)

67 \*\*GH20-4390-6 PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600), PROG PRODS 5740-F11 (OS/VS) & 5746-F11 (DOS/VS) SPECIFICATIONS

78 GH20-4394-1 FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION VIRTUAL STORAGE (FERST/VS) RATING/RATE AUDIT PROG PROD 5795-AAM, 5795-AAN, SPECIFICATIONS

73 GH20-4397-0 PRINTEXT/370, LIC PROG 5799-ALR, PRPQ EF3414, SPECIFICATIONS

63 GH20-4408-1 SYSTEM/360 CONSUMER GOODS SYSTEM (COGS) - ALLOCATION (OS) FUNCTIONAL DESCRIPTION - PROGRAM NUMBER 5734-D32

63 GH20-4409-1 SYSTEM/360 CONSUMER GOODS SYSTEM (COGS) FORECASTING (OS) FUNCTIONAL DESCRIPTION - PROGRAM NUMBER 5734-D33

63 GH20-4410-1 CONSUMER GOODS SYSTEM (COGS) ALLOCATION FUNCTIONAL DESCRIPTION - PROGRAM PRODUCT 5736-D31

63 GH20-4418-1 THE CONSUMER GOODS SYSTEM (COGS - FORECASTING FUNCTIONAL DESCRIPTION) - PROGRAM PRODUCT - 5736-D32

82 GH20-4424-0 PROCEDURE LIBRARY - MATHEMATICS (PL-MATH), FUNCTIONAL DESCRIPTION - PROG. PROD. 5734-XM3

81 GH20-4432-1 MINIPERT, LIC PROG 5734-XP3, FUNCTIONAL DESCRIPTION

83 GH20-4435-1 CONTINUOUS SYSTEM MODELING PROGRAM (CSMPLII), FUNCTIONAL DESCRIPTION - PROGRAM NUMBER 5734-XS9

72 GH20-4440-0 SYSTEM/360 CAPACITY PLANNING - FINITE LOADING, PROG PROD 5736-M12 FUNCTIONAL DESCRIPTION

72 GH20-4441-0 OS CAPACITY PLANNING FINITE LOADING PROGRAM NO. 5734-M54 FUNCTIONAL DESCRIPTION

72 GH20-4446-1 CICS FEATURE AND DBOMP-CICS/DASF FEATURE OF DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR - PROG PROD 5736-XX4, FUNCTIONAL DESCRIPTION

67 GH20-4477-1 ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING CONTROL SYSTEM (CPCS) DEPOSIT PROCESSING FEATURE, PROG PROD 5734-F11 (6072/6073)

67 GH20-4478-1 ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING - OS/VS PROG PROD 5740-F13, DESIGN OBJECTIVES

50 GH20-4484-0 DMS/3790, PROG PROD 5748-XC2, DESIGN OBJECTIVES

81 GH20-4489-0+ DP ACCOUNTING FOR IMS/VS, SPECIFICATIONS, PROG PROD 5740-DC2

81 GH20-4490-0+ CHANGE TRACKER, PROG PROD 5740-DC4, CHANGE MANAGEMENT/TRACKING,



81 GH20-4491-1+ PROD PROG 5740-DC1, SPECIFICATIONS  
 79 GH20-4494-0 SERVICE LEVEL REPORTER, PROG PROD 5740-DC3, SPECIFICATIONS  
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 67 GH20-4495-1 CUSTOMER INFORMATION FACILITIES/VIRTUAL STORAGE (CIF/VIS),  
 67 GH20-4498-1 3614/3624 CONSUMER ONLINE TRANSACTION FACILITY SUPPORT, LIC PROG  
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 79 GH20-4500-0 IBM 3277 APL GRAPHICS ATTACHMENT SUPPORT, PROG 5799-AXW, DESIGN  
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 76 GH20-4501-0 SYSTEM/370 ENERGY MANAGEMENT SYSTEM PROG PROD 5740-U11,  
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 73 GH20-4503-0 PRINTEXT/370 CLASSIFIED, PROG 5799-ALQ SPECIFICATIONS  
 81 GH20-4505-3 PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, SPECIFICATIONS (CURRENT  
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 81 GH20-4506-2 SYSTEM/370 PLANNING, CONTROL AND DECISION EVALUATION SYSTEM/  
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 80 GH20-4508-0 STORAGE AND INFORMATION RETRIEVAL SYSTEM DISK OPERATING  
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 80 GH20-4512-2 ADVANCED TEXT MANAGEMENT SYSTEM II RELEASE 1 MODIFICATION 0, PROG  
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 80 GH20-4514-0 SYSTEM/370 STAIRS/VIS RELEASE 2.3, PROG PROD 5740-XX1,  
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 80 GH20-4515-0 STAIRS/VIS - THESAURUS AND LINGUISTIC SYSTEM (STAIRS/VIS-TLS)  
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 74 GH20-4517-0 IBM HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM  
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 81 GH20-4518-0 TREND ANALYSIS/370 PROGRAM NUMBER 5740-F12 COLOR GRAPHICS SUPPORT  
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 81 GH20-4520-1 OPERATIONS PLANNING AND CONTROL - ENTRY (OPC-ENTRY) PROG PROD  
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 30 GH20-4522-1 FINANCIAL SERVICES TERMINALS SUPPORT FOR 3606/3608, PROG 5799-ARE  
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 79 GH20-4527-0 CAPOSS-E REL 1.0, LIC PROG 5740-M41 (OS/VIS), SPECIFICATIONS  
 67 GH20-4529-1 DOSCHECK, LIC PROG 5746-F12, SPECIFICATIONS  
 79 GH20-4530-1 CAPOSS-E REL 1.0, LIC PROG 5746-M41 (DOS/VIS), SPECIFICATIONS  
 30 GH20-4531-1 FINANCIAL SUPPORT TERMINAL SYSTEM FOR 3606/3608 PROG 5799-ARD,  
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 67 GH20-4534-0 CREDIT MANAGEMENT/VIS, PROG PROD 5799-ARY, SPECIFICATIONS  
 79 GH20-4535-5 INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6  
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 81 GH20-4549-0 IBM S/370 INTERACTIVE PERSONNEL SYSTEM RELEASE 1.0 IMS AND CICS,  
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 81 GH20-4550-0 IBM S/370 INTERACTIVE PERSONNEL SYSTEM RELEASE 1.0 - CICS, LIC  
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 79 GH20-4553-0 HIERARCHICAL MONITOR SYSTEM, LIC PROG 5799-AXD SPECIFICATIONS  
 83 GH20-4554-0 TPNS, LIC PROG 5740-XT4, SPECIFICATIONS  
 67 GH20-4559-0 3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51  
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 79 GH20-4563-0 3277 GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXX, PRPQ  
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 79 GH20-4565-1 INTERACTIVE GEO-FACILITIES GRAPHIC SUPPORT - PROGRAMMING RPQ  
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 30 \*\*GH20-4566-5 ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XX2,  
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 30 GH20-4579-0 ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XX2, DESIGN  
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 30 GH20-4597-1 IBM 3650 PROGRAMMABLE STORE SYSTEM POINT-OF-SALE  
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 63 GH20-4599-0 3650 PROGRAMMABLE STORE SAVINGS POINT OF SALES  
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 72 GH20-4606-0 OS/360 INVENTORY CONTROL, PROG PROD 5734-M52, FUNCTIONAL  
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 80 GH20-4617-1 STAIRS/VIS - THESAURUS AND LINGUISTIC INTEGRATED SYSTEM (STAIRS/VIS  
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 72 GH20-4618-0 OS/360 REQUIREMENTS PLANNING PROG PROD 5734-M51, FUNCTIONAL

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72	GH20-4620-0	DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR PROG PROD 5736-XX4, FUNCTIONAL DESCRIPTION
72	GH20-4621-0	DBOMP - CICS/DASF FEATURE OF DATA BASE ORGANIZATION AND MAINTENANCE PROCESSOR, PROG PROD 5736-XX4, FUNCTIONAL DESCRIPTION
64	GH20-4622-0	EPIC: FAST TEST SCORING SYSTEM PROGRAM NUMBER 5735-E92, FUNCTIONAL DESCRIPTION
83	GH20-4624-0	GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS), LIC PROG 5734-XS2, FUNCTIONAL DESCRIPTION
83	GH20-4625-0	GENERAL PURPOSE SIMULATION SYSTEM V-DOS/VS (GPSS V-DOS/VS), LIC PROG 5736-XS3, FUNCTIONAL DESCRIPTION
81	GH20-4630-1	MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX), PROG PROD 5734-XM4, FUNCTIONAL DESCRIPTION
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81	GH20-4632-0	PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VS) UNDER OS/VS2 TSO & VM/370, LIC PROG 5740-XT5 (TSO), 5748-XT2 (CMS), FUNCTIONAL DESCRIPTION
81	GH20-4635-0	OPERATING PLANNING & CONTROL LIC PROG 5740-XT9 DESIGN OBJECTIVES
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67	GH20-4639-0	PAYMENT SYSTEM SUPPORT/CHECK REPORT, LIC PROG 5748-F13, SPECIFICATIONS
67	GH20-4640-0	CUSTOMER INFORMATION FACILITY/VS (CIF/VS), LIC PROG 5740-XYC
30	GH20-4643-0	3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG 5748-D22, SPECIFICATIONS
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74	GH20-5002-0	HEALTH CARE SUPPORT/COORDINATION OF BENEFITS, LIC PROG 5799-AKK PRPQ EEE063 FUNCTIONAL DESCRIPTION
78	GH20-5003-0	FIRST/VS DOS/VS MESSAGE SWITCHING, LIC PROG 5795-AAG, FUNCTIONAL DESCRIPTION
79	GH20-5004-0	ALPHA SEARCH INQUIRY SYSTEM, LIC PROG 5736-N14, FUNCTIONAL DESCRIPTION
71	GH20-5005-0	LIFE INQUIRY/DATA ENTRY, LIC PROG 5746-N11, FUNCTIONAL DESCRIPTION
50	**GH20-5009-0	DISPLAY MANAGEMENT SYSTEM/3790, LIC PROG 5748-XC2 FUNCTIONAL DESCRIPTION
78	**GH20-5010-0	FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FIRST/VS-OS/VS1) MESSAGE SWITCHING, LIC PROG 5795-AAF, FUNCTIONAL DESCRIPTION
78	**GH20-5012-0	FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FIRST/VS-DOS/VS) FREIGHT BILLING, LIC PROG 5795-AAL, FUNCTIONAL DESCRIPTION
78	**GH20-5013-0	FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FIRST/VS-OS/VS1) FREIGHT BILLING, LIC PROG 5795-AAK, FUNCTIONAL DESCRIPTION
78	**GH20-5014-0	FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FIRST/VS-DOS/VS) EQUIPMENT CONTROL, LIC PROG 5795-AAJ, FUNCTIONAL DESCRIPTION
78	**GH20-5015-0	FREIGHT AND EQUIPMENT REPORTING/SYSTEM FOR TRANSPORTATION/VIRTUAL STORAGE (FIRST/VS-OS/VS1) EQUIPMENT CONTROL, LIC PROG 5795-AAH, FUNCTIONAL DESCRIPTION
67	GH20-5051-0	DIRECT S.W.I.F.T. LINK, LIC PROG 5746-F14 (CICS/DOS/VS), 5740-F15 (CICS/OS/VS), 5740-F16 (IMS/VS), DESIGN OBJECTIVES
67	GH20-5052-1	3600 ADMINISTRATIVE APPLICATION SUPPORT (ADMIN/3600), LIC PROG 5748-F55, DESIGN OBJECTIVES
81	GH20-5054-0	APPLICATION FOR THE INTERACTIVE PERSONNEL SYSTEM, LIC PROG 5740-AM4, 5746-AM1, DESIGN OBJECTIVES
63	GH20-5055-0	3650 PROGRAMMABLE STORE SYSTEM POINT OF SALES APPLICATION/RETAIL ENVIRONMENT, LIC PROG 5748-D14, DESIGN OBJECTIVES
50	GH20-5065-0	DEVELOPMENT MANAGEMENT SYSTEM/DISTRIBUTED PROCESSING CONTROL EXECUTIVE, LIC PROG 5748-XC4, DESIGN OBJECTIVES
79	GH20-5275-2	3277 APL GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXN, SPECIFICATIONS
63	GH20-5276-1	3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/RETAIL ENVIRONMENT, LIC PROG 5748-D14, SPECIFICATIONS
67	GH20-5282-0	CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE USING IMS/VS, LIC PROG 5740-XYB, SPECIFICATIONS
72	**GH20-5284-1	SYSTEM/370 AUTOMATIC POSITIONING TECHNIQUE, LIC PROG 5740-M51, -M52, -M53, SPECIFICATIONS
67	GH20-5285-0	ELECTRONIC PAYMENT SYSTEMS SUPPORT/DEPOSIT PROCESSING LIC PROG 5740-F13, SPECIFICATIONS
67	GH20-5286-0	ELECTRONIC PAYMENT SYSTEMS SUPPORT/CHECK PROCESSING CONTROL SYSTEM, LIC PROG 5734-F11, SPECIFICATIONS
83	GH20-5287-0	MULTIPROCESSING NETWORK SIMULATOR (TPNS), LIC PROG 5740-XT4 SPECIFICATIONS
78	GH20-5289-0	NETWORK EXTENSION FACILITY, LIC PROG 5799-AZP PRPQ P09021 SPECIFICATIONS
30	GH20-5290-2	DISTRIBUTED SYSTEMS EXECUTIVE, LIC PROG 5748-XXG SPECIFICATIONS
63	**GH20-5294-1	3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, SPECIFICATIONS
63	**GH20-5295-1	3680 PROGRAMMABLE STORE SYSTEM/SALES APPLICATION LIC PROG 5735-D61, SPECIFICATIONS
80	GH20-5297-1	ADVANCED TEXT MANAGEMENT SYSTEM III (ATMS III) LIC PROG 5740-XYL (OS/VS), 5746-XXU (DOS/VS), SPECIFICATIONS
67	**GH20-5299-1	3600 ADMINISTRATIVE APPLICATION SUPPORT LIC PROG 5748-F55 SPECIFICATIONS
67	GH20-5300-2	IBM DIRECT S.W.I.F.T. LINK CICS/OS/VS, IMS/VS LIC PROG 5740-F15, 5740-F16, 5746-F14, SPECIFICATIONS

81	GH20-5302-0		INTERACTIVE PERSONNEL SYSTEM GOVERNMENT REPORTING AND BENEFITS TRACKING APPLICATIONS FEATURE, LIC PROG 5740-AM4, 5746-AM1, SPECIFICATIONS
67	GH20-5303-0		3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51, 5746-F57, SPECIFICATIONS
67	GH20-5308-0		S/370 INTERACTIVE FINANCIAL SYSTEM 1, LIC PROG 5746-F52, SPECIFICATIONS
67	GH20-5309-0		S/370 INTERACTIVE FINANCIAL SYSTEM 2, LIC PROG 5746-F53, SPECIFICATIONS
67	GH20-5310-0		S/370 INTERACTIVE FINANCIAL SYSTEM 3, LIC PROG 5746-F54, SPECIFICATIONS
67	GH20-5311-0		S/370 INTERACTIVE FINANCIAL SYSTEM, LIC PROG 5746-F55, SPECIFICATIONS
50	GH20-5312-1		DEVELOPMENT MANAGEMENT SYSTEM/DPCX (DMS/DPCX), LIC PROG 5748-XC4, SPECIFICATIONS
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80	**GH20-5327-0		PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, SPECIFICATIONS
63	**GH20-5328-0		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER, LIC PROG 5748-D15, SPECIFICATIONS
30	**GH20-5329-0		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/STORE DATA MANAGEMENT, LIC PROG 5748-D22, SPECIFICATIONS
63	**GH20-5330-0		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT, LIC PROG 5746-D21, SPECIFICATIONS
67	**GH20-5331-0		INTERACTIVE FINANCIAL SYSTEM 1 - OS/VS, LIC PROG 5668-967, SPECIFICATIONS
67	**GH20-5332-0		INTERACTIVE FINANCIAL SYSTEM 2 - OS/VS, LIC PROG 5668-968, SPECIFICATIONS
67	**GH20-5333-0		INTERACTIVE FINANCIAL SYSTEM 3 - OS/VS, LIC PROG 5668-969, SPECIFICATIONS
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67	**GH20-5336-0		COMMERCIAL BANK APPLICATION SYSTEM/DEMAND DEPOSIT ACCOUNTING, LIC PROG 5746-F61, SPECIFICATIONS
67	**GH20-5337-0		COMMERCIAL BANK APPLICATION SYSTEM/SAVINGS ACCOUNTING, LIC PROG 5746-F62, SPECIFICATIONS
67	**GH20-5338-0		COMMERCIAL BANK APPLICATION SYSTEM/TIME CERTIFICATE OF DEPOSIT, LIC PROG 5746-F63, SPECIFICATIONS
67	**GH20-5339-0		COMMERCIAL BANK APPLICATION SYSTEM/GENERAL LEDGER ACCOUNTING, LIC PROG 5746-F64, SPECIFICATIONS
67	**GH20-5340-0		COMMERCIAL BANK APPLICATION SYSTEM/REVOLVING CREDIT ACCOUNTING, LIC PROG 5746-F65, SPECIFICATIONS
81	**SH20-5500-0		TREND ANALYSIS, LIC PROG 5740-XYT, PROGRAM REFERENCE AND OPERATIONS
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80	**SH20-5503-0	**SN20-4483	PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033, USERS GUIDE
80	**SH20-5504-1		PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033 FOR LINE-MODE SUPPORT
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73	**SH20-5519-0		DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-004, TEXT DISPLAY SCREEN DEFINITIONS
63	**SH20-5524-0		3680 PROGRAMMABLE STORE SYSTEM, LIC PROG 5735-D61, -D62, APPLICATION PROBLEM SOURCE IDENTIFICATION GUIDE
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63	**SH20-5532-0		3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT APPLICATION, LIC PROG 5735-D61, -D62, MACRO REFERENCE
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63	**SH20-5539-0	**SN20-4620	3650 PROGRAMMABLE STORE SYSTEM, LIC PROG 5748-D21, APPLICATION/SUPERMARKET ENVIRONMENT, MACRO REFERENCE
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67	**SH20-5545-0		COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F60, -F61, -F62, -F63, -F64, -F65, PGM SERVICE
67	**SH20-5546-0		COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-F61, DEMAND DEPOSIT ACCOUNTING USER
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67	**SH20-5548-0		COMMERCIAL BANK APPLICATION SYSTEM, TIMES CERTIFICATES OF DEPOSIT, LIC PROG 5746-F63, USERS REFERENCE
67	**SH20-5549-0		COMMERCIAL BANK APPLICATION SYSTEM, GENERAL LEDGER, LIC PROG 5746-F64, USER REFERENCE
67	**SH20-5550-0		COMMERCIAL BANK APPLICATION SYSTEM, REVOLVING CREDIT ACCOUNTING, LIC PROG 5746-F65, USERS REFERENCE
67	**SH20-5551-0		CUSTOMER INFORMATION FACILITY/VS FOR THE COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-XXS
67	**SH20-5552-0		CUSTOMER INFORMATION FACILITY/VS FOR THE COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-XXS
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67	**SH20-5554-0		CUSTOMER INFORMATION FACILITY FOR COMMERCIAL BANK APPLICATION SYSTEM, LIC PROG 5746-XXS, OPERATIONS GUIDE
80	**SH20-5564-0		PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033, MESSAGES
80	**SH20-5582-0		PROFS PRIMER
79	SH20-6130-1		DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE, COURSE DESCRIPTION/ADMINISTRATIVE MANUAL (CURRENT RELEASE)
79	SH20-6131-1		DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE STUDENT MATERIALS
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73	SH20-9165-2	**SN35-0200	DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, GUIDE
73	GH20-9175-1		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, RELEASE 2 PROGRAM SUMMARY
73	GH20-9176-2		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROGRAM SUMMARY RELEASE 2
73	SH20-9186-0		DOCUMENT COMPOSITION FACILITY LIC PROG 5748-XX9, INTRODUCTION TO THE GENERALIZED MARKUP LANGUAGE: USING THE STARTER SET (CURRENT RELEASE)
73	SH20-9187-0		DOCUMENT COMPOSITION FACILITY GENERALIZED MARKUP LANGUAGE: LIC PROG 5748-XX9, STARTER SET REFERENCE (CURRENT RELEASE)
73	SH20-9188-0		DOCUMENT COMPOSITION FACILITY GENERALIZED MARKUP LANGUAGE LIC PROG 5748-XX9, CONCEPTS & DESIGN GUIDE (CURRENT RELEASE)
76	SH30-0108-0	SN60-0400	ENERGY MANAGEMENT SYSTEM - SYSTEM GENERATION MANUAL, PROG PRODS 5707-U11, 5740-U11
99	SJB1-0001-11		3790 HOST SUPPORT DOS/VS RELEASE 11.0, 5747-BQ1, LISTINGS
99	SJB1-0022-7		3790 HOST SUPPORT OS/VS RELEASE 11.0, 5744-BZ3, LISTINGS
99	SJB1-0101-4		3650 RETAIL STORE SYSTEM HOST SUPPORT 5747-BJ3 LISTINGS
99	SJB1-0102-2		3650 RETAIL STORE SYSTEM HOST SUPPORT 5747-BJ3, 5744-BQ3 LISTINGS

99	SJB1-0103-1			3650 RETAIL STORE SYSTEM, SUBSYSTEM PROGRAM PREPARATION SERVICES 5747-BJ2, 5744-BQ2 LISTINGS
99	SJB1-0104-2			3650 RETAIL STORE SYSTEM HOST SUPPORT 5744-BQ3 LISTINGS
99	SJB1-0106-1			3650 RETAIL STORE SYSTEM SUBSYSTEM, PROGRAM PREPARATION SERVICES LISTINGS, SCP 5747-BJ2
99	SJB1-0108-1			3650 RETAIL STORE SYSTEM, SUBSYSTEM PROGRAM PREPARATION SERVICES, 5744-BQ2, 5747-BJ2
99	SJB1-0201-6	**SNC2-6503		3600 HOST SUPPORT SCP 5747-BR1 IR7
30	**LJB1-0202-0			4700 HOST SUPPORT 5668-989 DOS/VSE, LISTINGS
99	SJB1-0221-1			3600 HOST SUPPORT VS1 SCP 5744-CA2
99	SJB1-0222-5	**SNC2-6502		3600 HOST SUPPORT SCP 5744-CA3 IR7
30	**LJB1-0223-0			4700 HOST SUPPORT 5668-989 OS/VSE, LISTINGS
99	SJB1-0241-0	SNC2-6402	SNC2-6406	3600 HOST SUPPORT VS2 SCP 5744-CA1
		SNC2-6410	SNC2-6413	
		SNC2-6423	SNC2-6430	
		SNC2-6435		
99	SJB1-0301-1			IBM 3660 SUPERMARKET SYSTEM HOST SUPPORT RELEASE 3 VERSION 2 DOS LISTINGS
99	SJB1-0321-2			SUPERMARKET STORE SYSTEM HOST SUPPORT VERSION 2.0 LISTINGS
99	SJB1-0446-1			SUBSYSTEM SUPPORT SERVICES VS2 RELEASE 1.7 LISTINGS, SCP 5744-CJ1
50	LJB1-1221-0	LN2-6246		DEVELOPMENT MANAGEMENT SYSTEM/DISTRIBUTED PROCESSING CONTROL EXECUTIVE (DMS/DPCX) FOR OS/VSE2 MVS TSO AND VM/370 CMS, 5748-XC4 LISTINGS
99	SJB1-2004-3			OS 3650 AND 3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT 5744-D16, LISTINGS
99	SJB1-2005-3			VSE 3650 & 3680 PROGRAMMABLE STORE SYSTEM HOST SUPPORT 5747-D16 LISTINGS
99	SJB1-2006-0			OS/VSE SPPS-II SCP 5744-DA1, MICROFICHE LISTINGS
99	SJB1-2007-0			DOS/VSE SPPS-II SCP 5747-CJ2, MICROFICHE LISTINGS
30	LJB1-2008-2			OS/VSE SPPS-II PROGRAM PRODUCT 5735-D16 LISTINGS
30	LJB1-2009-2			VSE SPPS II PROGRAM PRODUCT 5735-D16 LISTINGS
24	LJB1-2010-0			3650 PSS COBOL COMPILER FOR DOS/VSE OR DOS/VSE, LIC PROG 5746-CB2, LISTINGS
24	LJB1-2011-0			3650 PSS COBOL COMPILER FOR OS/VSE, LIC PROG 5740-CB2, LISTINGS
30	LJB1-2197-0			DSX FOR DOS
73	LJB6-0016-1			DOCUMENT COMPOSITION FACILITY BACKGROUND ENVIRONMENT LIC PROG 5748-XX9, LISTINGS (COMMON) (CURRENT RELEASE)
73	LJB6-0017-1			DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, CMS FOREGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)
73	LJB6-0018-1			DOCUMENT COMPOSITION FACILITY FOREGROUND ENVIRONMENT LIC PROG 5748-XX9, LISTINGS (COMMON) (CURRENT RELEASE)
73	LJB6-0022-1			DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DATA AREAS, LISTINGS (CURRENT RELEASE)
73	LJB6-0023-1			DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SYMBOLIC NAME CROSS REFERENCE TABLE, LISTINGS (CURRENT RELEASE)
73	LJB6-0026-1			DOCUMENT LIBRARY FACILITY DATA AREAS, LIC PROG 5748-XXE, MICROFICHE LISTINGS
73	LJB6-0027-1			DOCUMENT LIBRARY FACILITY SYMBOLIC NAME CROSS REFERENCE TABLE, LIC PROG 5748-XXE, MICROFICHE LISTINGS
73	LJB6-0028-1			DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, VS1 BACKGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)
73	LJB6-0029-1			DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, VS2 BACKGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)
73	LJB6-0030-1			DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DOS BACKGROUND ENVIRONMENT, LISTINGS (CURRENT RELEASE)
73	LJB6-0031-1			DOCUMENT LIBRARY FACILITY PROGRAM LISTINGS (VS1), LIC PROG 5748-XXE, MICROFICHE
73	LJB6-0032-1			DOCUMENT LIBRARY FACILITY PROGRAM LISTINGS (VS2), LIC PROG 5748-XXE MICROFICHE
73	LJB6-0033-1			DOCUMENT LIBRARY FACILITY PROGRAM LISTINGS (DOS), LIC PROG 5748-XXE, MICROFICHE
73	LJB6-0048-0			DOCUMENT COMPOSITION FACILITY FOREGROUND ENVIRONMENT (ATMS IIL/OS) LIC PROG 5748-XX9 REL 2, LISTINGS
73	LJB6-0049-0			DOCUMENT COMPOSITION FACILITY FOREGROUND ENVIRONMENT (ATMS IIL/DOS) LIC PROG 5748-XX9 REL 2, LISTINGS
99	SJD2-2126-0	SSC0-6012	SSC0-6064	3600 HOST SUPPORT 5741-SC1-24 VS1 LISTING
99	SJD2-2133-3	SSC0-6070		SSS HOST SUPPORT 5741-SC1-SS VS1 LISTING
99	SJD2-2136-0			OS/VSE1 5741-SC1-26 3650 RETAIL HOST SUPPORT ASSEMBLER PROG. LISTINGS
99	SJD2-2137-0			SUPERMARKET HOST SUPPORT - BSC
99	SJD2-4190-0			DOS SUBSYSTEM PROGRAM SUPPORT, SCP 5745-SC-SPP PTF LISTINGS
99	SJD2-4191-0			OS/VSE1 SUBSYSTEM PROGRAM SUPPORT PTF LISTINGS SCP COMPONENT 5745-SC-SPP
99	SJD2-5370-1			OS/VSE2 RELEASE 03.0 SUBSYSTEM COMMUNICATOR LISTINGS COMPONENT NO. 5752-SC1-DP
99	SJD2-5390-1			OS/VSE2 RELEASE 03.0 SUBSYS DATA ANAL YEAR LISTINGS COMPONENT NO. 5752-SC1-DS
99	SJD2-5430-1			OS/VSE2 RELEASE 03.0 3600 HOST SUPPORT LISTINGS - COMPONENT NO. 5752-SC1-24
99	SJD2-5450-1			OS/VSE2 RELEASE 03.0 HOST SUPPORT SSS LISTINGS - COMPONENT NO. 5752-SC1-SS
99	SJD2-6010-0			OS/VSE2 SU21 LISTINGS, SUID 5752-821
99	SJD2-6012-0			OS/VSE2 SU25 LISTINGS, SUID 5752-825
99	SJD2-6174-1			OS/VSE2 SUID 5752-837 HOST SUPPORT SSS FICHE SOURCE LISTINGS
99	SJD2-7300-1			3630 HOST SUPPORT (DOS), LIC PROG 5747-CJ1 MANUFACTURING INDUSTRY COMMUNICATIONS SYSTEM, LISTINGS
99	SJD2-7312-1			3630 HOST SUPPORT (OS/VSE), LIC PROG 5744-CR1 MANUFACTURING INDUSTRY COMMUNICATIONS SYSTEM, LISTINGS
24	**GL23-0078-0			4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5662-263, 5666-266, GENERAL INFORMATION
24	**GL23-0079-0			4700 FINANCE COMMUNICATION SYSTEM, COBOL OS/VSE HOST COMPILER AND LIBRARY, LIC PROG 5668-987, SPECIFICATIONS
24	**GL23-0080-0			4700 FINANCE COMMUNICATION SYSTEM, DOS/VSE COBOL HOST COMPILER AND LIBRARY, LIC PROG 5666-266, SPECIFICATIONS

24	**GL23-0081-0		4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5666-266, 5668-987, LANGUAGE REFERENCE
24	**SL23-0082-0		4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5666-266, 5668-987, PROGRAMMER'S GUIDE
24	**SL23-0083-0		4700 FINANCE COMMUNICATION SYSTEM COBOL, LIC PROG 5666-266, 5668-987, PROBLEM DIAGNOSTIC AND REFERENCE
85	SR20-4576-1	SN23-1099	3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION BASIC OPERATOR TRAINING OFFLINE OPERATOR SELF-STUDY TEXT
73	LTB0-8070-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, MESSAGES RELEASE 1 LISTINGS (LYB0-8070-1)
73	LTB0-8071-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, MESSAGES RELEASE 1 LISTINGS (LYB0-8071-0)
73	LTB6-0016-0		DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9 BACKGROUND ENVIRONMENT (COMMON) (LJB6-0016-0)
73	LTB6-0017-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, FOREGROUND ENVIRONMENT (CMS) RELEASE 1 LISTINGS (LJB6-0017-0)
73	LTB6-0018-0		DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9 BACKGROUND ENVIRONMENT (TSO) (LJB6-0018-0)
73	LTB6-0022-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DATA AREAS RELEASE 1 LISTINGS (LJB6-0022-0)
73	LTB6-0023-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SYMBOLIC NAME CROSS REFERENCE TABLE RELEASE 1 LISTINGS (LJB6-0023-0)
73	LTB6-0026-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, DATA AREAS RELEASE 1 LISTINGS (LJB6-0026-0)
73	LTB6-0027-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, SYMBOLIC NAME CROSS REFERENCE TABLE RELEASE 1 LISTINGS (LJB6-0027-0)
73	LTB6-0028-0		DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9 BACKGROUND ENVIRONMENT (VS1) (LJB6-0028-0)
73	LTB6-0029-0		DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9 BACKGROUND ENVIRONMENT (VS2) (LJB6-0029-0)
73	LTB6-0030-0		DOCUMENT COMPOSITION FACILITY RELEASE 1 LIC PROG 5748-XX9 BACKGROUND ENVIRONMENT (DOS) (LJB6-0030-0)
73	LTB6-0031-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROGRAM LISTING (VS1) RELEASE 1 LISTINGS (LJB6-0031-0)
73	LTB6-0032-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROGRAM LISTING (VS2) RELEASE 1 LISTINGS (LJB6-0032-0)
73	LTB6-0033-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROGRAM LISTINGS (DOS) RELEASE 1 LISTINGS (LJB6-0033-0)
73	ST00-0588-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, GML QUICK REFERENCE SUMMARY RELEASE 1 (SX26-3719-0)
73	ST00-0589-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SCRIPT/VS USER'S QUICK REFERENCE RELEASE 1 (SX26-3723-0)
81	GT00-0608-0		PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, 5748-XXA RELEASE 2.2, REFERENCE (GX20-4305-1)
30	GT30-3022-1	GN30-3030	SYSTEM/370 SUBSYSTEM SUPPORT SERVICES USER'S GUIDE, (GC30-3022-1)
30	GT30-3024-0	GN30-2582	IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT, APPLICATION PROGRAMMER'S GUIDE, SCP 5747-BJ2 & 5744-BQ2 (GC30-3024-0)
30	GT30-3025-1		3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM PROGRAMMER'S GUIDE, SCP 5744-BR2, 5747-BK2 (GC30-3025-1)
79	GT33-0100-0	GN33-6264	GRAPHICAL DATA DISPLAY MANAGER (GDDM) AND PRESENTATION GRAPHICS FEATURE (PGF) GENERAL INFORMATION, LIC PROG 5748-XXH, RELEASE 1 (GC33-0100-0)
79	**ST33-0101-0	**SN33-6272 **SN33-6274	GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, LIC PROG 5748-XXH, USERS GUIDE (SC33-0101-0)
79	**ST33-0102-0	**SN33-6273 **SN33-6275	GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH, USERS GUIDE (SC33-0102-0)
79	**LT33-0103-0		GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH RELEASE 1, DIAGNOSIS GUIDE AND REFERENCE MANUAL (LC33-0103-0)
79	**LT33-0104-0		GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, PRESENTATION GRAPHICS FEATURE, LIC PROG 5748-XXH DIAGNOSIS GUIDE AND REFERENCE (LC33-0104-0)
79	**ST33-0111-0		GRAPHICAL DATA DISPLAY MANAGER RELEASE 1, PRESENTATION GRAPHICS FEATURE: INTRODUCTORY CHART UTILITY: INTRODUCTORY COURSE, LIC PROG 5748-XXH (SC33-0111-0)
81	ST39-1123-0	**SN19-1140	PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, RELEASE 2.2 PROGRAM REFERENCE (SH19-1123-4)
81	ST39-1124-0		SYSTEM/370 PLANNING, CONTROL, AND DECISION EVALUATIONS SYSTEM/INTERACTIVE (PLANCODE/I), LIC PROG 5740-XX8, OS/VS OPERATIONS GUIDE (SH19-1124-2)
79	ST40-1896-0		INTERACTIVE INSTRUCTIONAL SYSTEM RELEASE 6 LIC PROG 5748-XX6 ADMINISTRATOR'S GUIDE (SH20-1896-1)
79	ST40-1897-0		INTERACTIVE INSTRUCTIONAL SYSTEM RELEASE 6 LIC PROG 5748-XX6 AUTHOR'S GUIDE (SH20-1897-2)
81	GT40-4505-0		SYSTEM/370 PLANNING, CONTROL AND DECISION EVALUATION SYSTEM/INTERACTIVE (PLANCODE/I) RELEASE 2.1 LIC PROG 5740-XX8, 5746-XX9, (GH20-4505-2)
79	GT40-4535-0		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, RELEASE 5.1, SPECIFICATIONS (GH20-4535-4)
73	GT40-9159-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SPECIFICATIONS RELEASE 1 (GH20-9159-1)
73	ST40-9161-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, USER'S GUIDE RELEASE 1
73	GT40-9164-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, SPECIFICATIONS RELEASE 1 (GH20-9164-0)
73	ST40-9165-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, RELEASE 1 (SH20-9165-0)
73	LT60-8067-0		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DIAGNOSTIC PROCEDURES AND LOGIC OVERVIEW RELEASE 1 (LY20-8067-1)
73	LT60-8068-0		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, DIAGNOSTIC PROCEDURES AND LOGIC OVERVIEW RELEASE 1 (LY20-8068-0)
30	ST70-3019-0		IBM 3660 SUPERMARKET SYSTEMS: SCANNING SYSTEM HOST PROGRAM LOGIC PROG NO 5747-BK1
81	GX11-5000-1		S/370 PLANNING, CONTROL AND DECISION EVALUATION SYSTEMS PROG PROD 5740-XX9 (OS/VS), 5746-XXA (DOS/VS) PLANCODE/S
81	GX11-5001-1		PLANCODE/I, LIC PROG 5740-XX8, 5746-XX9, REFERENCE CARD (CURRENT

		RELEASE)
75	GX11-5002-0	SYSTEM/370 DOS/V5 CONTINUOUS PROCESS PLANT SCHEDULING SYSTEM REFERENCE CARD, PRPQ 750150 PROG 5799-ANJ
30	GX11-6005-1	3790 SNA USERS REFERENCE CARD
81	GX11-6008-0	SERVICE LEVEL REPORTER (SLR) DP ACCOUNTING IMS/V5 (DPA) CHANGE MANAGEMENT/TRACKING (CM/T) AND OPERATIONS PLANNING AND CONTROL-ENTRY (OPC-ENTRY) PROG PROD 5740-XT7, 5740-DC1, -DC2, -DC3, -DC4, REFERENCE CARD
83	GX20-1828-0	GENERAL PURPOSE SIMULATION SYSTEM V REFERENCE SUMMARY: BLOCK STATEMENT FORMATS, LIC PROG 5734-XS2 (OS), 5736-XS3 (DOS)
83	GX20-1829-1	GENERAL PURPOSE SIMULATION SYSTEM V REFERENCE SUMMARY: CONTROL STATEMENT FORMATS, STANDARD NUMERICAL ATTRIBUTES, AND SYSTEM OPTIONS, LIC PROG 5734-XS2 (OS), 5736-XS3 (DOS)
64	GX20-1832-1	COURSEWRITER III VERSION 3 MONITOR REFERENCE CARD PROGRAM NUMBERS 5736-E11 (DOS) 5734-E13 (OS)
64	GX20-1833-1	COURSEWRITER III VERSION 3 AUTHOR'S REFERENCE CARD PROGRAM NUMBERS 5736-E11 (DOS) 5734-E13 (OS)
64	GX20-1834-1	COURSEWRITER III, VERSION 3 STUDENT REFERENCE CARD OPERATING HINTS - PROGRAM NUMBER 5736-E11 (DOS) 5734-E13 (OS)
64	GX20-1835-0	COURSEWRITER III, VERSION 3, SUPERVISOR'S REFERENCE CARD PROGRAM NUMBERS 5736-E11 (DOS) 5734-E13 (OS)
79	GX20-1879-0	INTERACTIVE TRAINING SYSTEM TEST QUESTION WORKSHEET FORM 6 PAD - PROGRAM NUMBER 5734-XXC
79	GX20-1880-0	INTERACTIVE TRAINING SYSTEM TEXT WORKSHEET FORM 5 PAD PROGRAM NUMBER 5734-XXC
79	GX20-1881-0	INTERACTIVE TRAINING SYSTEM MATCHING QUESTION WORKSHEET FORM 4 - PAD - PROGRAM NUMBER 5734-XXC
79	GX20-1882-0	INTERACTIVE TRAINING SYSTEM MULTIPLE ANSWER FORM 3 - PAD
79	GX20-1883-0	INTERACTIVE TRAINING SYSTEM, LIC PROG 5734-XXC, TRUE OR FALSE WORKSHEET FORM
79	GX20-1884-0	INTERACTIVE TRAINING SYSTEM QUESTION WORKSHEET FORM 1 - PAD PROGRAM NUMBER 5734-XXC
79	GX20-1885-0	INTERACTIVE TRAINING SYSTEM SESSION INTRODUCTION WORKSHEET
79	GX20-1942-2	INTERACTIVE TRAINING SYSTEM FRAMEWORK - WORKSHEET
79	GX20-1943-1	INTERACTIVE TRAINING SYSTEM COMMON MESSAGE TO GO TO WORKSHEET
79	GX20-1944-1	INTERACTIVE TRAINING SYSTEM GLOSSARY DEFINITION WORKSHEET
79	GX20-1945-1	INTERACTIVE TRAINING SYSTEM TEXT DISPLAY WORKSHEET
79	GX20-1946-1	INTERACTIVE TRAINING SYSTEM QUESTION WORKSHEET
79	GX20-1947-1	INTERACTIVE TRAINING SYSTEM MATCHING QUESTION WORKSHEET
79	GX20-1948-1	INTERACTIVE TRAINING SYSTEM TRUE-FALSE QUESTION WORKSHEET
79	GX20-1949-1	INTERACTIVE TRAINING SYSTEM FIELD ANALYSIS WORKSHEET
79	GX20-1950-1	INTERACTIVE TRAINING SYSTEM SCREEN SUMMARY WORKSHEET
80	GX20-1960-2	ADVANCED TEXT MANAGEMENT SYSTEM (5740-XX3) QUICK REFERENCE CARD
80	SX20-1973-1	3277 KEYBOARD TEMPLATE FOR USE WITH ATMS AND STAIRS/V5
80	GX20-1984-2	ADVANCED TEXT MANAGEMENT SYSTEM-II REFERENCE CARD, PROG PROD 5740-XXV, 5746-XXG
79	GX20-1985-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, FRAMEWORK WORKSHEET
79	GX20-1986-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, COMMON MESSAGE WORKSHEET
79	GX20-1987-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, GLOSSARY DEFINITION WORKSHEET
79	GX20-1988-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, TEXT DISPLAY WORKSHEET
79	GX20-1989-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, QUESTION WORKSHEET
79	GX20-1990-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, MATCHING QUESTION WORKSHEET
79	GX20-1991-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, TRUE/FALSE QUESTION WORKSHEET
79	GX20-1992-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, FIELD ANALYSIS WORKSHEET
79	GX20-1993-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, SCREEN SUMMARY WORKSHEET
82	GX20-2001-1	APL REFERENCE GUIDE
83	GX20-2002-0	APL GPSS FOR APLSV (5796-PJF) APL GPSS FOR VS APL (5796-PJG) REFERENCE CARD BLOCK/ENTITY STATEMENT FORMATS
79	GX20-2010-0	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6, "GO TO" WORKSHEET
81	GX20-2011-0	APL DATA INTERFACE REFERENCE CARD, IUP 5796-PKA, -PKB, -PKC
50	GX20-2012-0	DMS/3790 LAYOUT FORM
50	GX20-2013-0	DMS/3790 MANAGEMENT AND ERROR MESSAGE FORM
50	GX20-2014-0	DMS/3790 FIELD PROCESSING FORM
50	GX20-2015-0	DMS/3790 BUFFER/RECORD DESCRIPTION FORM
82	GX20-2021-0	APL ADVANCED STATISTICAL LIBRARY REFERENCE SUMMARY IUP 5796-PJR, -PJT
50	SX20-2023-0	DMS/3790 TEMPLATE
30	GX20-2034-3	DISTRIBUTED SYSTEMS EXECUTIVE RELEASE 2, LIC PROG 5748-XXG REFERENCE SUMMARY
81	SX20-2035-0	PLANCODE/I, LIC PROG 5746-XX9, -XXA, TEMPLATE (CURRENT RELEASE)
80	SX20-2036-0	ATMS/STAIRS TEMPLATE STRIP
80	SX20-2037-0	ATMS/STAIRS OUTBOARD TEMPLATE
81	SX20-2044-0	PLANCODE TEMPLATE STRIP
81	GX20-2260-0	PSG II/V5 DATA CODING FORM, PROG PROD 5746-XT1, 5748-XT2
64	GX20-2325-1	EPIC: FAST - GROUP NAME SHEET - PROG PROD 5735-E92
64	GX20-2326-1	EPIC: FAST, GROUP HEADER SHEET, LIC PROG 5735-E92
83	GX20-2327-1	TELEPROCESSING NETWORK SIMULATOR RELEASE 5.0, LIC PROG 5740-XT4, REFERENCE SUMMARY
72	*SX20-2330-3	3250 PROGRAM FUNCTION KEYBOARD TEMPLATE
80	GX20-2331-0	STAIRS/V5 TRAINING, IUP 5796-PLP, STUDENT REFERENCE CARD
73	GX20-2332-1	DOCUMENT COMPOSITION FACILITY RELEASE 2, DOCUMENT LIBRARY FACILITY RELEASE 2, LIC PROG 5748-XX9, -XYE, EXECUTIVE OVERVIEW & PRODUCT SUMMARY (CURRENT RELEASE) LIC PROG 5748-XX9, -XXE, EXECUTIVE OVERVIEW AND PRODUCT SUMMARY
83	GX20-2335-1	CONTINUOUS SYSTEM MODELLING PROGRAM FOR VSAPL (APL-C5MP) FDP



09	GX20-2349-1	5784-KAE, QUICK REFERENCE GUIDE 3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM - OPERATOR'S REFERENCE CARD
80	GX20-2354-0	ATMS III QUICK REFERENCE CARD
09	GX20-2360-0	3730 FUNCTIONAL ABBREVIATION LIST
79	GX20-2367-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, GO TO WORKSHEET
79	GX20-2368-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, GLOSSARY DEFINITION WORKSHEET
79	GX20-2369-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, SCREEN SUMMARY WORKSHEET
79	GX20-2370-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, FIELD ANALYSIS WORKSHEET
79	GX20-2371-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, FRAMEWORK WORKSHEET
79	GX20-2372-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, ADJUNCT QUESTION WORKSHEET
79	GX20-2373-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, MATCHING QUESTION WORKSHEET
79	GX20-2374-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, COMMON MESSAGE WORKSHEET
79	GX20-2375-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, QUESTION WORKSHEET
79	GX20-2376-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, TRUE-FALSE QUESTION WORKSHEET
79	GX20-2377-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, TEXT DISPLAY WORKSHEET
79	GX20-2378-0	INTERACTIVE INSTRUCTIONAL AUTHORING SYSTEM, LIC PROG 5668-011, PRESENTATION WORKSHEET
50	**GX20-2379-2	DMS/DPX/DPPX, LIC PROG 5760-XC2, 5748-XC4, REFERENCE CARD
83	GX20-2390-0	TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, REFERENCE SUMMARY
80	**SX20-2396-0	PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX PRPQ P09033, QUICK GUIDE
80	**SX20-2403-0	PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, LINE-MODE USER'S QUICK REFERENCE
81	**GX20-4305-3	PLANCODE/I, LIC PROG 5746-XX9, -XXA, REFERENCE (CURRENT RELEASE)
80	SX20-4403-0	ATMS III TABBED SEPARATORS
81	*GX20-4405-1	3279 PF KEY TEMPLATE FOR ADRS II
00	GX23-0205-6	IBM 3790 COMMUNICATION SYSTEM LIBRARY REFERENCE SUMMARY
89	GX24-3700-1	3630 PLANT COMMUNICATION SYSTEM TABBED INSERTS FOR OPERATING GUIDES
89	GX24-3702-0	IBM 3604 PROBLEM REPORT FORM
89	GX24-3703-0	IBM 3641 REPORTING TERMINAL, PROBLEM REPORT
89	GX24-3704-1	IBM 3642 ENCODER PRINTER, PROBLEM REPORT
89	GX24-3705-0	IBM 3643 KEYBOARD DISPLAY, PROBLEM REPORT
89	GX24-3706-0	IBM 3644 AUTOMATIC DATA UNIT, PROBLEM REPORT FORM
89	GX24-3707-0	3645 PRINTER PROBLEM REPORT
89	GX24-3708-0	IBM 3646 SCANNER CONTROL UNIT, PROBLEM REPORT
89	SX24-3717-0	3630 BINDER
89	**GX24-3722-3	IBM LOOP INSTALLATION FLOOR PLAN LAYOUT CHART
30	GX24-3727-1	3630 PLANT COMMUNICATION SYSTEM PROGRAMMER'S REFERENCE DIGES
89	**GX26-1637-2	IBM 3614 TROUBLE REPORT
73	SX26-3719-1	DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, GML QUICK REFERENCE SUMMARY (CURRENT RELEASE)
73	SX26-3723-2	DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, SCRIPT/VIS USER'S QUICK REFERENCE (CURRENT RELEASE)
30	**GX27-0007-9	3600 FINANCE COMMUNICATION SYSTEMS, SCP 5747-BR1 & 5744-CA3 PROGRAMMER'S REFERENCE DIGEST
89	GX27-0011-0	3615 PROBLEM REPORT
89	GX27-0017-0	3604-7 PROBLEM REPORT
30	GX27-0020-4	3790 COMMUNICATION SYSTEM REFERENCE SUMMARY VERSION 5
15	GX27-2914-1	3650 RETAIL STORE SYSTEM PHYSICAL PLANNING TEMPLATE
15	GX27-2915-3	3660 SUPERMARKET SYSTEM PHYSICAL PLANNING TEMPLATE
89	GX27-2920-0	OPERATOR'S TROUBLE REPORT IBM 3767 MODEL 2 COMMUNICATION TERMINAL USED WITH AN IBM 3650 RETAIL STORE SYSTEM.
89	GX27-2926-0	3653 TROUBLE REPORT & RECOVERY PROCEDURE
15	GX27-2929-0	3650 PROGRAMMABLE STORE SYSTEM PHYSICAL PLANNING TEMPLATE SCALE 1-48
15	GX27-2930-1	3650 PROGRAMMABLE STORE SYSTEM PHYSICAL PLANNING TEMPLATE SCALE 1-50
89	GX27-2934-1	INTRODUCTION TO THE IBM 3680 PROGRAMMABLE STORE SYSTEM (TABS)
89	GX27-2939-1	TABS FOR 3650 PSS TERMINAL OPERATION, GA27-3307
89	GX27-2941-1	TABS FOR 3650 PSS TERMINAL OPERATION, GA27-3306
89	GX27-2942-0	FAB SEPARATORS FOR 3650 ADMINISTRATIVE SERVICES, GA27-3308
15	GX27-2955-3	3600 FINANCE COMMUNICATION SYSTEM PHYSICAL PLANNING TEMPLATE
15	GX27-2956-4	PHYSICAL PLANNING TEMPLATE 3790 COMMUNICATIONS SYSTEM (US)
89	**GX27-2959-0	3600 FINANCE COMMUNICATION SYSTEM, OPERATOR PROBLEM REPORT, 3604 KEYBOARD DISPLAY
89	**GX27-2960-0	3600 FINANCE COMMUNICATION SYSTEM, OPERATOR PROBLEM REPORT, 3610 DOCUMENT PRINTER
89	**GX27-2961-0	3600 FINANCE COMMUNICATION SYSTEM, OPERATOR PROBLEM REPORT, 3612 PASSBOOK AND DOCUMENT PRINTER
89	**GX27-2977-0	3611 PROBLEM REPORT
30	GX27-2980-3	3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 5
30	GX27-2991-1	3790 REFERENCE SUMMARY VERSION 6
30	GX27-2992-2	3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 6
30	GX27-3023-1	3790 REFERENCE SUMMARY - VERSION 7
30	GX27-3024-1	3790 COMMUNICATION SYSTEM SYSIMOD WORKSHEETS - VERSION 7
15	GX33-6029-0	3732 TEXT DISPLAY STATION PHYSICAL PLANNING TEMPLATE
15	GX33-6030-0	3736 PRINTER PHYSICAL PLANNING TEMPLATE
89	GX33-8501-2	3790 DATA ENTRY CONFIGURATION, SUPERVISOR FORMAT DEFINITION PARAMETERS
09	GX33-8502-2	3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION OPERATOR'S REFERENCE CARD

GN31-7223

GN31-0616

GN31-1045

09	GX33-8503-0	3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION SUPERVISORS REFERENCE CARD
09	GX33-8504-1	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3762 OPERATOR'S REFERENCE SUMMARY
09	GX33-8505-0	3762 PAYMENT TRANSACTION PROCESSOR OCR DOCUMENT GAUGE
09	GX33-8506-2	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 OPERATOR'S REFERENCE CARD
09	GX33-8508-4	3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION SUPERVISOR REFERENCE SUMMARY
89	GX33-8510-0	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (ENGLISH)
89	GX33-8511-0	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (ITALIAN)
89	GX33-8513-0	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (GERMAN)
89	GX33-8514-0	IBM 3790 COMMUNICATION SYSTEM/DATA ENTRY CONFIGURATION IBM 3760 KEY ENTRY STATION, SELECTABLE COMMANDS (FRENCH)
89	GX66-0004-0	3624 TROUBLE REPORT
73	LYA2-5222-1	DOCUMENT TRANS FACILITY
73	LYA2-5223-1	DOCUMENT TRANSLATION ASSISTANCE FACILITY: LISTINGS
67	LYA2-5224-0	DIRECT S.W.I.F.T. LINK - CICS/DOS/VS 5746-F14 LISTINGS
67	LYA2-5225-0	DIRECT S.W.I.F.T. LINK CICS/OS/VS 5740-F15 LISTINGS
67	LYA2-5226-0	DIRECT S.W.I.F.T. LINK IMS/VS 5740-F16 LISTINGS
81	LYA2-5227-0	SYSTEM/370 AND 4300 PROCESSORS: COST ACCOUNTING SYSTEM DOS/VSE, LISTINGS
80	**LYA2-5229-1	DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, HOST BASE PACKAGE, LISTINGS
80	**LYA2-5230-2	DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, CONTROLLER BASE PACKAGE, LISTINGS
80	**LYA2-5231-1	DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, HOST PRINT FEATURE, LISTINGS
80	**LYA2-5232-1	DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, STAIRS INPUT FORMATTER FEATURE, LISTINGS
80	**LYA2-5233-1	DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, DIRECT DOCUMENT VIEWING FEATURE, LISTINGS
80	**LYA2-5234-2	DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, LISTINGS
80	**LYA2-5236-0	DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264, LISTINGS
80	**LYA2-5237-0	DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, LISTINGS
80	**LYA2-5238-0	DISOSS/VSE DOC VIEW
79	LYA4-3051-0	GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH PRESENTATION GRAPHICS FEATURE, LISTINGS (CURRENT RELEASE)
79	**LYA4-3052-0	GDDM VERSION RELEASE 2 LISTINGS
79	LYA4-3071-0	GRAPHICAL DATA DISPLAY MANAGER, LIC PROG 5748-XXH, LISTINGS (CURRENT RELEASE)
79	**LYA4-3072-0	GDDM/PGF VERSION RELEASE 2 LISTINGS
79	**LYA4-3073-1	GDDM/PGF/NL, LIC PROG 5748-XX8, LISTINGS (CURRENT RELEASE)
78	LYA9-2007-0	IBM VEHICLE SCHEDULING PROGRAM--EXTENDED (OS) PROGRAM LOGIC MANUAL, VOLUME III PROGRAM LISTINGS - MICROFICHE, PROGRAM NUMBER 5734-XM5
78	LYA9-2008-0	IBM VEHICLE SCHEDULING PROGRAM -- EXTENDED (DOS) PROGRAM LOGIC MANUAL, VOLUME III PROGRAM LISTINGS - MICROFICHE PROG. NO. 5736-XM3
81	**LYA9-6134-2	OPERATIONS PLANNING AND CONTROL (OPC), LIC PROG 5740-XT9 MICROFICHE INDEX LISTINGS
81	**LYA9-6156-0	FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, LISTINGS
81	**LYA9-6213-0	SERVICE LEVEL REPORTER (SLR) VERSION 2, LIC PROG 5668-966, LISTINGS
82	LYB0-0643-6	MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) MICROFICHE ASSEMBLY LISTINGS - PROGRAM NUMBER 5734-XM4 FE SERVICE NUMBER 200080
82	LYB0-0644-6	MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX), MIXED INTEGER PROGRAMMING (MIP), PROGRAM NUMBER 5734-XM4, ASSEMBLY LISTING MICROFICHE
64	LYB0-0720-3	COURSEWRITER III, DOS VERSION 3 LISTINGS - MICROFICHE PROGRAM NUMBER 5736-E11
64	LYB0-0721-1	COURSEWRITER III; DOS VERSION 3 FLOWCHARTS MICROFICHE - PROGRAM NUMBER 5736-E11
64	LYB0-0784-2	COURSEWRITER III, VERSION 3 OS FLOWCHARTS - MICROFICHE PROGRAM NUMBER 5734-E13
64	LYB0-0785-2	COURSEWRITER III, VERSION 3 OS LISTINGS - MICROFICHE PROGRAM NUMBER 5734-E13
79	LYB0-0824-3	INTERACTIVE TRAINING SYSTEM MICROFICHE LISTINGS - PROGRAM NUMBER 5734-XXC
82	LYB0-0832-4	MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPSX) GENERALIZED UPPER BOUNDING (GUB): PROG. PROD. 5734-XM4 LISTINGS
83	LYB0-2322-3	TELEPROCESSING NETWORK SIMULATOR SOURCE LISTINGS, PROG PROD 5740-XT4
79	LYB0-2378-1	INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, TSO SOURCE LISTINGS MICROFICHE
79	LYB0-2379-0	INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, CMS & TSO SUBROUTINES SOURCE LISTINGS MICROFICHE
79	LYB0-2380-1	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 CMS SOURCE LISTINGS (CURRENT RELEASE)
79	LYB0-2381-1	INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, TCAM/VTAM SUBROUTINES SOURCE LISTINGS MICROFICHE
79	LYB0-2382-0	INTERACTIVE INSTRUCTIONAL SYSTEM, PROG PROD 5748-XX6, TCAM/VTAM SOURCE LISTINGS MICROFICHE
79	LYB0-2384-0	INTERACTIVE INSTRUCTIONAL SYSTEM VTAM/DOS, LIC PROG 5748-XX6, ASSEMBLY LISTINGS
67	LYB0-2386-1	TCS - SOURCE LISTINGS
79	LYB0-2409-1	INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 DOS/CICS

ASSEMBLY LISTINGS (CURRENT RELEASE)			
79	LYB0-2410-1		INTERACTIVE INSTRUCTIONAL SYSTEM OS/CICS, LIC PROG 5748-XX6, ASSEMBLY LISTINGS
79	LYB0-2436-1		IMS/V5 INTERACTIVE INSTRUCTIONAL SYSTEM ASSEMBLY LISTINGS
83	LYB0-2521-0		TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, SOURCE LISTINGS
73	LYB0-8070-2		DOCUMENT COMPOSITION FACILITY MESSAGES, LIC PROG 5748-XX9, LISTINGS (CURRENT RELEASE)
73	LYB0-8071-1		DOCUMENT LIBRARY FACILITY MESSAGES, LIC PROG 5748-XEE, MICROFICHE LISTINGS
30	SYC0-3017-1		SYSTEM/370 SUBSYSTEM SUPPORT SERVICES LOGIC (MICROFICHE)
80	**LYC0-9022-1	**LNC0-9099	PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, LISTINGS
99	SYC7-1701-3		BATCH TRANSFER PROGRAM DOS/V5 LISTINGS PROG. NO. 5747-BW1
99	SYC7-1702-3		BATCH TRANSFER PROGRAM OS/V51 LISTINGS - PROG. NO. 5744-CG1
99	SYC7-1703-3		BATCH TRANSFER PROGRAM OS/V52 MVS SCP 5744-CG2
99	SYC7-1704-1		BATCH TRANSFER PROGRAM OS/V52 SVS SCP 5744-CH1
99	SYC7-1970-3		DOS/V5 SUBSYSTEM SUPPORT SERVICES - 5745-SC-SSS, LISTINGS
99	SYC7-1971-1		DISK OPERATING SYSTEM/VIRTUAL STORAGE 3600 FINANCE COMMUNICATION SYSTEM - 5745-SC-124, LISTINGS
99	SYC7-1972-0		VTAM & 3600 SYSTEM INDEX
80	**LY12-5007-1		STORAGE AND INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/V5), LIC PROG 5740-XR1, VOLUME I: INTERFACE TO THE ONLINE CONTROL PROGRAMS, LOGIC
80	**LY12-5015-1		STORAGE & INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/V5), LIC PROG 5740-XR1, LOGIC
80	LY12-5018-2		STORAGE & INFORMATION RETRIEVAL SYSTEM/VIRTUAL STORAGE (STAIRS/V5), LIC PROG 5740-XR1, LOGIC (VOLUME III)
72	LY12-5019-1	LN12-5118 LN12-5173	IBM SYSTEM/370 CHAINED FILE - DL/I BRIDGE (DOS/V5 AND OS/V5) PROG. PROD. 5748-XX3, LOGIC
80	LY12-5021-0*		STAIRS DL/I LOGIC, VOL I, BATCH DATA BASE CREATION AND MAINTENANCE, MACRO SERVICES, INTERFACES, PROG PROD 5740-XR7
80	LY12-5022-0*		STAIRS-DL/I LOGIC VOL. II, ONLINE SUBSYSTEMS PROG PROD 5740-XR7
79	LY12-5023-0	LN12-5156	CAPOSS-E LOGIC, VOLUME I: PLANNING SYSTEM, PROG PROD 5740-M41 (OS/V5) 5746-M41 (DOS/V5)
79	LY12-5024-0	LN12-5137	CAPOSS-E LOGIC VOL 2, DATA BASE SYSTEM PROG PROD 5740-M41 (OS/V5), 5746-M41 (DOS/V5)
81	LY12-5025-1		IBM SYSTEM/370 INTERACTIVE PERSONNEL SYSTEM LOGIC MANUAL, LIC PROG 5740-AM4 (IMS/V5 CICS/OS/V5) 5746-AM1 (CICS/DOS/V5)
79	LY12-5029-0	LN12-5121	SYSTEM/370 (DOS/V5) ONLINE ROUTING LOGIC PROG 5746-XPX
81	LY12-5030-1		COMMUNICATION ORIENTED MESSAGE SYSTEM, LIC PROG 5746-XXM, 5668-007, LOGIC
67	LY12-5035-2		SYSTEM/370 DIRECT S.W.I.F.T. LINK, LIC PROG 5746-F14, 5740-F15, 5740-F16, LOGIC
73	LY12-5036-1	LN12-5193	DOCUMENT TRANSLATION ASSISTANCE FACILITY, LIC PROG 5740-SA1, -SA3, DIAGNOSTICS GUIDE AND LOGIC OVERVIEW
81	LY12-5037-0		COST ACCOUNTING SYSTEM, LIC PROG 5740-F52, 5746-F58, LOGIC
80	**LY12-5039-1		DISTRIBUTED OFFICE SUPPORT SYSTEM/370, LIC PROG 5740-XY9, -XYK, DISTRIBUTED OFFICE SUPPORT SYSTEM/3730 LOGIC
79	**LY12-5040-0		COPICS ONLINE ROUTING, LIC PROG 5746-XY1 AND 5740-XYX, LOGIC
80	**LY12-5042-0		DISTRIBUTED OFFICE SUPPORT SYSTEM/370/VSE, LIC PROG 5666-264 AND DISTRIBUTED OFFICE SUPPORT SYSTEM/3730, LIC PROG 5740-XYK, LOGIC
79	LY19-1004-0*	LN19-6134	SYSTEM/360 AND SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) FOR COBOL AND PL/I, SYSTEM MANUAL PROGRAM NUMBER 5734-XR2
79	LY19-1007-0*		SYSTEM/360 AND SYSTEM/370 STATISTICAL ANALYSIS OF FILES (STAF/OS): LOGIC MANUAL, PROG. PROD. 5734-XA2
81	LY19-1009-0		SYSTEM/360 AND SYSTEM/370 BUDGETS AND PLANS GENERATOR LOGIC MANUAL (BUDPLAN) - PROGRAM PRODUCT 5734-F51
81	LY19-1012-0		IBM SYSTEM/370 BUDGETS AND PLANS GENERATOR (BUDPLAN) DOS/V5 LOGIC MANUAL - PROGRAM PRODUCT 5746-F51
79	LY19-1015-0	LN19-6242	IBM SYSTEM/370 DECISION TABLE TRANSLATOR (DECTAT) DOS/V5 FOR PL/I AND COBOL LOGIC MANUAL PROGRAM PRODUCT 5746-XR2
81	LY19-1016-2	LN19-1138 **LN19-6733	IBM S/370 PROJACS MAIN PROCESSOR LOGIC, LIC PROG 5746-XP1 (DOS/V5), 5740-XP1 (OS/V5)
81	LY19-1017-1	LN19-1117	IBM S/370 PROJACS RESOURCE ALLOCATION PROCESSOR LOGIC, PROG PRODS 5746-XP1 (DOS/V5); 5740-XP1 (OS/V5)
81	LY19-1018-2	LN19-1118	DOS/V5 PROJACS COST EVALUATION PROCESSOR LOGIC PROG PRODS 5746-XP1 (DOS/V5); 5740-XP1 (OS/V5)
81	LY19-1019-1	LN19-1119	IBM S/370 PROJACS NETWORK PREPARATION PROCESSOR, LOGIC - PROG PRODS 5746-XP1 (DOS/V5); 5740-XP1 (OS/V5)
79	LY19-1026-0*		IBM SYSTEM/370 OS/V5 DECISION TABLE TRANSLATION (DECTAT) FOR PL/I AND COBOL LOGIC MANUAL PROGRAM PRODUCT 5740-XR4 (OS/V5)
81	LY19-1029-0		PLANCODE/I, LIC PROG 5740-XX8, LOGIC (CURRENT RELEASE)
75	LY19-1030-0		SYSTEM/370 DOS/V5 CONTINUOUS PROCESS PLANT SCHEDULING SYSTEM (CPPS-DOS/V5) LOGIC MANUAL - PROG 5799-ANJ RPQ 7S0150
78	LY19-2001-0		IBM VEHICLE SCHEDULING PROGRAM -- EXTENDED (OS AND DOS) PROGRAM LOGIC MANUAL, VOLUME I, NARRATIVE PROGRAM NUMBERS 5734-XM5 (OS), 5736-XM3 (DOS)
72	LY19-5034-0	LN19-5081	SYSTEM/370 APT-BP SYSTEM/370 APT-IC SYSTEM/370 APT-AC LOGIC MANUAL VOLUME 2 - PROG. PROJECT 5740-M51, M52, M53
63	LY19-5046-0*	LN19-5107 LN19-5110	SYSTEM/370 STRATEGY EVALUATION AND PLANNING SYSTEM - PRODUCTION, LIC PROC 5746-XX2, 5740-XXB, LOGIC
81	SY19-6038-0		INSTALLATION MANAGEMENT CHANGE MANAGEMENT/TRACKING (CM/T), DP ACCOUNTING FOR IMS/V5 (DPA), SERVICE LEVEL REPORTER (SLR) LOGIC, PROG 5740-DC1 THROUGH -DC4
14	SY19-6053-1*		IBM 3650 RETAIL STORE SYSTEM HOST PROGRAM LOGIC RPQ 7B0239 LIC PROG 5799-WTR (OS/V5), 5799-WJB (DOS/V5), RELEASE 3.2
14	SY19-6129-1*		3600 FINANCE COMMUNICATION SYSTEM 3624 CONSUMER TRANSACTION FACILITY FRENCH CREDIT CARD, REFERENCE MANUAL AND PROGRAMMER'S GUIDE RPQ 7B0600, 7B0601
81	**LY19-6146-0		SERVICE LEVEL REPORTER LOGIC
81	**LY19-6149-0		FINANCIAL MANAGEMENT SYSTEM FOR DOS/VSE, LIC PROG 5666-263, LOGIC
14	**SY19-6150-1*		3650 PROGRAMMABLE STORE SYSTEM HOST PROGRAM LOGIC FOR CASH AND CARRY RPQ 7B0328, LIC PROG 5799-WFB, -WTD
81	**LY19-6211-0		OPERATIONS PLANNING AND CONTROL PROGRAM, LIC PROG 5740-XT9, LOGIC

81	**LY19-6212-0			SERVICE LEVEL REPORTER, LIC PROG 5668-966, LOGIC
83	LY19-7000-0	LN19-0178		CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III); LOGIC MANUAL - PROGRAM NUMBER 5734-XS9, FEATURE NUMBER 8143
83	LY19-7001-0			CONTINUOUS SYSTEM MODELING PROGRAM III (CSMP III) GRAPHIC FEATURE
71	LY20-0462-0			LOGIC MANUAL - PROGRAM NUMBER 5734-XS9 FEATURE NUMBER 8144
72	LY20-0528-0			PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS)
72	LY20-0535-0	LN20-2318		HOMEOWNERS CLAIMS PROCESSING PROGRAM DESCRIPTION AND SYSTEM MANUAL PROGRAM NUMBER 5736-N21 FEATURE CODE 8002
72	LY20-0536-0	LN20-2317		OS/360 INVENTORY CONTROL SYSTEM MANUAL PROG. PROD. 5734-M52, FEATURE NO. 8011
72	LY20-0537-0			SYSTEM/360 CAPACITY PLANNING - INFINITE LOADING SYSTEM MANUAL PROGRAM NUMBER 5736-M11 FEATURE CODE 8021
72	LY20-0543-0	LN20-2290		SYSTEM/360 CAPACITY PLANNING FINITE LOADING SYSTEM MANUAL PROGRAM NUMBER 5736-M12 FEATURE CODE 8022
76	LY20-0546-0	LN20-2509		SYSTEM/360 REQUIREMENTS PLANNING INTERFACE SYSTEM MANUAL PROGRAM NUMBER 5736-M13
76	LY20-0553-1	LN20-2508	LN20-3000	OS/360 REQUIREMENTS PLANNING, LIC PROG 5734-M51, SYSTEM MANUAL SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY POWER FLOW SYSTEM MANUAL - VOLUME III PROGRAM NUMBER 5736-U12 FEATURE CODE 8172
76	LY20-0554-0	LN20-2510		SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR ELECTRIC UTILITY INDUSTRY - SHORT CIRCUIT SYSTEM MANUAL VOLUME II PROG. NO. 5736-U12
76	LY20-0555-1	LN20-2507		SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY TRANSIENT STABILITY SYSTEM MANUAL - VOLUME IV PROGRAM NUMBER 5736-U12 FEATURE CODE 8173
78	LY20-0559-1			SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY ENGINEERING DATA MANAGEMENT SERVICES SYSTEM MANUAL VOLUME I PROGRAM NUMBER 5736-U12 FEATURE CODE 8174
78	LY20-0560-0			TARIFF PUBLISHING SYSTEM (BOUND TARIFFS) SYSTEM MANUAL PROGRAM NUMBER 5736-T21, FEATURE CODE 8003
72	LY20-0565-0	LY20-0672		TRAFFIC PROFILE ANALYSIS SYSTEM, LIC PROG 5736-T22, SYSTEM MANUAL S/360 SHOP FLOOR CONTROL, LIC PROG 5736-M31, SYSTEM MANUAL
72	LY20-0566-1			S/360 DATA BASE ORGANIZATION & MAINTENANCE PROCESSOR, LIC PROG 5736-XX4, SYSTEM MANUAL
71	LY20-0587-1			PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS) ADDITIONAL FILE FACILITY: SYSTEMS REFERENCE MANUAL, PROGRAM NUMBER 5736-N22, FEATURE CODE 8007
83	LY20-0596-0	LN20-2280	LN20-3005	GENERAL PURPOSE SIMULATION SYSTEM V-OS (GPSS V-OS) SYSTEM MANUAL, PROG. NO. 5734-XS2, FEATURE NO. 8046
83	LY20-0602-0	LN20-3050	LN20-3585	GENERAL PURPOSE SIMULATION SYSTEM V - DOS SYSTEM MANUAL, PROG. PROD. 5736-XS3, FEATURE NO: 8101
63	LY20-0621-1	LN20-2279	LN20-3049	CONSUMER GOODS SYSTEM (COGS), FORECASTING (OS), LIC PROG 5734-D33, SYSTEM MANUAL
63	LY20-0622-0			CONSUMER GOODS SYSTEM (COGS), ALLOCATION (OS), LIC PROG 5734-D32, SYSTEM MANUAL
82	LY20-0640-0			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPGX) MIXED INTEGER PROGRAMMING (MIP) - SYSTEM MANUAL PROGRAM NUMBER 5734-XM4, FEATURE NUMBER 8056
82	LY20-0641-0			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPGX), MIXED INTEGER PROGRAMMING (MIP) FLOWCHART MANUAL, PROGRAM NUMBER 5734-XM4, FEATURE CODE 8057
82	LY20-0642-0			MATHEMATICAL PROGRAM SYSTEM EXTENDED (MPGX) FLOWCHART MANUAL PROGRAM NUMBER 5734-XM4, FEATURE CODE 8055
82	LY20-0646-1			MATHEMATICAL PROGRAMMING SYSTEM EXTENDED (MPGX) SYSTEM MANUAL, PROGRAM NUMBER 5734-XM4, FEATURE CODE 8056
82	LY20-0671-0			PROCEDURE LIBRARY - MATHEMATICS (PL-MATH) SYSTEM MANUAL PROGRAM NUMBER 5734-XM3 FEATURE NUMBER 8051
81	LY20-0674-0			MINIPERT, LIC PROG 5734-XP3, SYSTEM MANUAL, FEATURE NUMBER 8086
64	LY20-0679-2			COURSEWRITER III, VERSION 3 (DOS), LIC PROG 5736-E11, PROGRAMMER'S GUIDE
64	LY20-0691-1			COURSEWRITER III/OS VERSION 3 SYSTEM PROGRAMMERS GUIDE PROG. NO. 5734-E13
76	LY20-0693-0	LN20-2511	LN20-2995	SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY, POWER FLOW OUTPUT AND CAPACITY FEATURE SYSTEM MANUAL, VOLUME V - PROGRAM NUMBER (5736-U12)
67	LY20-0694-1	LN20-3159	LN20-3310	BROKERAGE ACCOUNTING SYSTEM ELEMENTS (BASE) VERSION 3: SYSTEM MANUAL, PROG. NO. 5746-F31, FEATURE 8005
63	LY20-0717-0			IBM FASHION REPORTER PROGRAM PRODUCT SYSTEM MANUAL PROGRAM NUMBER 5736-D11
76	LY20-0726-0	LN20-2996		SYSTEM/360 POWER SYSTEM PLANNING (PSP) FOR THE ELECTRIC UTILITY INDUSTRY SHORT CIRCUIT R0 FEATURE - SYSTEM MANUAL VOLUME VI, FEATURE 8103 - PROGRAM NUMBER 5736-U12
79	LY20-0728-1			STAT/BASIC FOR ITF AND VM/370 - CMS: LOGIC MANUAL, FEATURE NUMBER 8100 - PROGRAM NUMBER 5734-XA3
72	LY20-0733-0			BILL PROCESSOR SYSTEMS-IMS/360 BRIDGE, LIC PROG 5734-XX9, SYSTEM MANUAL
65	LY20-0764-0			ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP), IUP 5796-PBH, REFERENCE
65	LY20-0765-0			ADVANCED STATISTICAL ANALYSIS PROGRAM (ASTAP) IUP 5796-PBH, LOGIC
71	LY20-0788-0			PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS) AUTOMOBILE ENHANCEMENTS - PROGRAM NUMBER 5736-N24 SYSTEM REFERENCE MANUAL
71	LY20-0800-0	LN20-2992		PROPERTY AND LIABILITY INFORMATION SYSTEM (PALIS) HOME OWNERS ENHANCEMENTS - SYSTEM REFERENCE MANUAL FEATURE NUMBER 8105 - PROGRAM NUMBER 5736-N25
82	LY20-0804-0	LN20-2849	LN20-3075	MATH/BASIC FOR SYSTEM/3 MODEL 6, ITF, AND VM/370-CMS: LOGIC MANUAL, PROG. NOS. 5703-XM2 (SYSTEM/3) AND 5734-XM8 (ITF AND VM/370-CMS); FEATURE NOS. 8017, 8153
79	LY20-0819-1	LN20-3154	LN20-3379	INTERACTIVE TRAINING SYSTEM LOGIC MANUAL VOLUME 1 (BASIC) PROG. PROD. 5734-XXC
79	LY20-0820-0	LN20-3524	LN20-3153	INTERACTIVE TRAINING SYSTEM LOGIC MANUAL VOLUME 2: FLOWCHARTS - PROG. NO. 5734-XXC
79	LY20-0821-1	LN20-3069	LN20-3525	INTERACTIVE TRAINING SYSTEM LOGIC MANUAL VOLUME 1 (BASIC) PROG. PROD. 5734-XXC
79	LY20-0821-1	LN20-3372		INTERACTIVE TRAINING SYSTEM COURSE STRUCTURING FEATURE LOGIC MANUAL, PROG. PROD. 5734-XXC

67	LY20-0825-1	LN20-3245	LN20-3361	SECURITIES ORDER MATCHING LOGIC MANUAL FEATURE NUMBER 8113 PROGRAM NUMBER 5734-F32
82	LY20-0826-0			MPSX & GENERALIZED UPPER ROUNDING, LIC PROG 5734-XM4, LOGIC
67	LY20-0827-2	LN20-3613		CHECK PROCESSING CONTROL SYSTEM (CPCS), LIC PROG 5734-F11, LOGIC
64	LY20-0835-1			EPIC: SOCRATES, STUDENT SCHEDULING SYSTEM FOR EDUCATIONAL INSTITUTIONS - LOGIC MANUAL - PROG. NO. 5735-E91
64	LY20-0837-0	LN20-3072	LN20-3345	EPIC: BUDGET/FINANCE, LIC PROG 5735-E93, LOGIC
82	LY20-0840-0	LN20-3754		BUSINESS ANALYSIS/BASIC LOGIC MANUAL, PROG. NOS. 5703-XM3 (SYSTEM/3 MODEL 6) AND 5734-XMB (ITP-OS/DOS/TSO, VM/370-CMS)
67	LY20-0842-2	LN20-3874		TELECOMMUNICATIONS CONTROL SYSTEM (TCS) LOGIC MANUAL FEATURE NUMBER 8112 - PROGRAM NUMBER 5734-F31
74	LY20-0845-0	LN20-3335		HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM LOGIC MANUAL - PROG NOS. 5734-H11 (OS, OS/VS) 5736-H15 (DOS, DOS/VS)
64	LY20-0848-1			EPIC: FAST STUDENT TESTING SYSTEM FOR EDUCATIONAL INSTITUTIONS, LIC PROG 5735-E92, LOGIC
64	LY20-0851-2			EPIC: STUDENT RECORD SYSTEM FOR EDUCATIONAL INSTITUTIONS, LIC PROG 5735-E94, LOGIC
79	LY20-0859-1	LN20-3390		ALPHA SEARCH INQUIRY SYSTEM, LIC PROG 5736-N14, LOGIC
72	LY20-0863-0			S/370 APT-IC NUMERICAL CONTROL PROCESS, LIC PROG 5740-M52, LOGIC
72	SY20-0864-0			S/370 APT-BP NUMERICAL CONTROL PROCESSOR, LIC PROG 5740-M51, LOGIC
63	LY20-0866-0			CREDIT MANAGEMENT SYSTEM, LIC PROG 5799-ADF, LOGIC
79	LY20-0921-0			RESPONSIBILITY ACCOUNTING SYSTEM THE PHILADELPHIA NATIONAL BANK SYSTEM GUIDE - IUP NUMBER 5796-ACA
72	LY20-0923-0			GENERALIZED CREATE/REORGANIZE UTILITY SYSTEM FOR S/370 EASTMAN KODAK SYSTEMS GUIDE, IUP NUMBER 5796-ACZ
63	LY20-0924-0			DISTRIBUTION ORDER ENTRY SYSTEM, LAG DRUG COMPANY, CHICAGO, ILLINOIS, LIC PROG 5796-ABT, SYSTEMS GUIDE
67	LY20-0926-0			MICR OS TRANSIT SYSTEM SYSTEM/370 OS THE INDIANA NATIONAL BANK, INDIANAPOLIS, INDIANA SYSTEMS GUIDE - PROGRAM NUMBER 5796-ADG
63	LY20-0936-0			DISTRIBUTION ORDER ENTRY SYSTEM FOR SYSTEM 360/370 WITH 3270's 3340 SUPPORT IUP 5796-ABT, SYSTEM GUIDE
73	LY20-0940-1			TERMTEXT/FORMAT, LIC PROG 5796-PBR, SYSTEMS GUIDE, FEATURE NUMBER 8070
63	LY20-2006-0			CREDIT MANAGEMENT SYSTEM II, FDP 5799-AHJ, LOGIC
81	LY20-2007-0			PLANNING SYSTEMS GENERATOR ON VM/370 (PSG/CMS): LOGIC MANUAL PROG. NO. 5748-XT1
79	LY20-2009-0	LN20-3371	LN20-3527	INTERACTIVE TRAINING SYSTEM EXPANDED COURSE STRUCTURING FEATURE LOGIC MANUAL PROGRAM NUMBER 5734-XXC
80	LY20-2012-1			ADVANCED TEXT MANAGEMENT SYSTEM (ATMS) LOGIC MANUAL PROG. NO. 5740-XX3 (ATMS/OS) 5746-XX4 (ATMS/DOS/VS)
72	LY20-2013-0			IBM SYSTEM/370 MATCHING AND DISPLAY APPLICATION PROGRAM (MDAP) FOR IBM 5275 DIRECT NUMERICAL CONTROL STATION, LIC PROG 5740-XN2, LOGIC
72	LY20-2014-0			SYSTEM/370 MACHINING AND DISPLAY APPLICATION PROGRAM (MDAP) FOR 5275 DIRECT NUMERICAL CONTROL STATION, LIC PROG 5746-XN2 (DOS/VS), LOGIC
74	LY20-2016-0			HEALTH CARE SUPPORT/DATA COMMUNICATIONS PROGRESS LOGIC MANUAL PROGRAM NUMBER 5746-H13
74	LY20-2017-0			HEALTH CARE SUPPORT/LABORATORY INFORMATION SYSTEM - REPORTING LOGIC MANUAL PROGRAM NUMBERS 5746-H12
74	LY20-2018-0			HEALTH CARE SUPPORT/ACCOUNTING SYSTEM BASE PROGRAM - LOGIC MANUAL PROGRAM NUMBER 5746-H14
74	LY20-2019-0+			HEALTH CARE SUPPORT/ACCOUNTING SYSTEM VERSION 1 ACCOUNTING APPLICATION FEATURE LOGIC MANUAL - PROG. PROD. 5746-H14
81	LY20-2020-0			PLANNING SYSTEMS GENERATOR UNDER THE OS/VS2 TIME SHARING OPTION (PSG/TSO) LOGIC MANUAL - PROG. NO. 5740-XT1
78	LY20-2042-0			FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - PROG PRODS 5795-AAF MESSAGE SWITCHING (OS/VS1) 5795-AAG MESSAGE SWITCHING (DOS/VS)
78	LY20-2056-0			RAIL CAR MANAGEMENT SYSTEM: IUP 5796-AFR SYSTEMS GUIDE
76	LY20-2057-0			COST GENERAL: AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES IUP 5796-AFQ, SYSTEMS GUIDE
76	LY20-2058-0			COST GENERAL: AN ACCOUNTING SYSTEM FOR PUBLIC UTILITIES IUP 5796-AFQ, USER'S GUIDE
74	LY20-2062-0			LABORATORY DATA MANAGEMENT SYSTEM - IUP 5796-AHD, SYSTEMS GUIDE
67	LY20-2063-0			ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SYSTEM GUIDE
81	LY20-2065-0			DIRECT MANPOWER PLANNING WITH ASSESSMENT OF RISK - IUP 5796-PDB, SYSTEM GUIDE
67	LY20-2067-1			TELLER AUDIO RESPONSE SYSTEM USING DOS/CICS AND CIF FDP 5798-AHX SYSTEMS GUIDE PROGRAM NUMBER 5796-AFW
78	LY20-2071-0			HERCULES INCORPORATED RAIL CAR MANAGEMENT - IUP 5796-AFR, USER'S GUIDE
81	LY20-2074-2			APL ECONOMETRIC PLANNING LANGUAGE - IUP 5796-PDW, SYSTEM GUIDE
67	LY20-2080-0			TELECOMMUNICATIONS CONTROL SYSTEM (TCS) PROGRAMMING RPQ EF0378, LIC PROG 5799-AKL, LOGIC
78	LY20-2081-0	LN20-3605	LN20-3652	FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC, VOLUME 1, PROGS 5795-AAH EQUIPMENT CONTROL (OS/VS1), 5795-AAJ EQUIPMENT CONTROL (DOS/VS)
78	LY20-2082-0			FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - VOLUME 2, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)
78	LY20-2083-0			FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS) LOGIC MANUAL - VOLUME 3, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)
78	LY20-2084-0			FERST/VS LOGIC VOLUME 4, PROG PRODS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)
78	LY20-2087-0			FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/ VIRTUAL SYSTEM (FERST/VS), PROGS 5795-AAK (OS), 5795-AAL (DOS/VS) LOGIC VOLUME 1

78	LY20-2088-0		FREIGHT & EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC VOL 2
78	LY20-2089-0		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC VOLUME 3 PROG 5795-AAR (OS/VS1) 5796-AAL (DOS/VS)
71	LY20-2091-0		PROPERTY AND LIABILITY CLAIMS ENTRY SYSTEM, IUP 5796-AGK, SYSTEMS GUIDE, FEATURE 8606
73	LY20-2092-1		ONLINE LIST MAINTENANCE, IUP 5796-AGT, SYSTEMS GUIDE
73	LY20-2093-0		ONLINE LIST MAINTENANCE, IUP 5796-AGT, SYSTEMS GUIDE
67	LY20-2095-0		CICS/DOS/VS AND OS/VS INSTALLMENT LOAN CALCULATOR - IUP 5796-AGR, 5796-AGQ, SYSTEM GUIDE
67	LY20-2097-0		DOS/CICS/VS COMBINED LOAN SYSTEM FOR USE WITH VANDL-1 IUP 5796-AGG, SYSTEM GUIDE
81	LY20-2098-0		CICS/DOS/VS ONLINE PAYROLL AND PERSONNEL SYSTEM: FIRST NATIONAL BANK OF MARYLAND, SYSTEM GUIDE, IUP 5796-AFX
67	LY20-2102-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM, IUP 5796-AFH, SPECIFICATIONS VOL. 1
67	LY20-2103-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 2
67	LY20-2104-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 3
67	LY20-2105-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS, VOL 4
67	LY20-2106-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 5
67	LY20-2107-0		ONLINE TELLER AND TIME DEPOSIT SYSTEM - IUP 5796-AFH, SPECIFICATIONS VOL. 6
67	LY20-2108-0		CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VS: UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, SYSTEM GUIDE
67	LY20-2109-0		CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VS: UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, MACRO MANUAL
67	LY20-2110-0		CORPORATE TRUST AND AGENCY SYSTEM CICS/OS/VS: UNITED STATES TRUST COMPANY OF NEW YORK, IUP 5796-AHA, DESCRIPTION MANUAL
74	LY20-2112-0	LN20-3412	INSTALLING HEALTH CARE/SUPPORT ACCOUNTING, LINCOLN GENERAL HOSPITAL: SYSTEMS GUIDE, IUP 5796-AHC, FEATURE 8622
67	LY20-2127-0	LN20-3612	CHECK PROCESSING CONTROL SYSTEM (CPCS) LOGIC MANUAL ADDENDUM FOR CPCS/3890 FEATURE, PROG PROD 5734-F11
67	**LY20-2176-4		PROGRAM CUSTOMIZER FOR THE IBM 3600 FINANCE COMMUNICATION SYSTEM (PC/3600), LIC PROG 5746-F11 (DOS/VS), 5740-F11 (OS/VS), LOGIC SYSTEM/370 - DOS/VS TIRE INVENTORY CONTROL SYSTEM BOSS-LINCO LINES, INC. SYSTEMS GUIDE MANUAL IUP 5796-AHF, FEATURE 8629
78	LY20-2178-0		TIRE INVENTORY ANALYSIS SYSTEM BOSS-LINCO LINES, INC. SYSTEMS GUIDE, IUP 5796-AHG, FEATURE 8630
78	LY20-2179-0		NATIONAL CENTRAL BANK DOS/CICS/VS PERSONAL TRUST SYSTEM WITH ON-LINE INQUIRY AND DATA ENTRY FACILITIES, IUP 5796-AHH, SYSTEMS GUIDE
67	LY20-2184-0		TRANSPORTATION AND FREIGHT AUDITING SYSTEM, IUP 5796-AJB SYSTEMS GUIDE
78	LY20-2194-0		HIPODRAW, IUP 5796-PFF, SYSTEMS GUIDE
79	LY20-2201-1		PANEL - A LINE ART TECHNIQUE IUP 5796-PFJ, SYSTEMS GUIDE
73	LY20-2202-0		ONLINE LIST MAINTENANCE, IUP 5796-AJH, SYSTEMS GUIDE
73	LY20-2207-0		ONLINE APPLICATION SIMULATION MACROS, IUP 5796-AJZ, SYSTEMS GUIDE
79	LY20-2215-0		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) RATING/RATE AUDIT LOGIC, PROG NOS 5795-AAM (OS/VS1), 5795-AAN (DOS/VS)
78	LY20-2224-0		PRINTTEXT/370, LIC PROG 5799-ALR, LOGIC
73	LY20-2231-0		APL FORECASTING USING TIME SERIES ANALYSIS SYSTEMS GUIDE, IUP 5796-PFX, FEATURE 8658
81	LY20-2235-0		SCRIPT/370 VERSION 3, IUP 5796-PHL, SYSTEMS GUIDE
73	LY20-2251-0		SYSTEMS GUIDE - DIVIDEND SYSTEM, IUP 5796-PHJ, STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, LOGIC
67	LY20-2253-0		SYSTEMS GUIDE - STOCK SPLIT AND STOCK DIVIDEND SYSTEM, IUP 5796-PHK, STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM, LOGIC
67	LY20-2254-0		TELEPROCESSING NETWORK SIMULATOR (TPNS) LOGIC PROG 5740-XT4
83	LY20-2259-4		PLANNING SYSTEMS GENERATOR II VIRTUAL STORAGE (PSG II/VS) LIC PROG 5740-XT3, 5746-XT1, 5748-XT2, 5740-XT5, LOGIC (DL/I OS), 5746-XT1 (DL/I DOS), 5748-XT2 (CMS), 5740-XT5 (TSO)
81	LY20-2260-0		FREIGHT AND EQUIPMENT REPORTING SYSTEM FOR TRANSPORTATION/VIRTUAL SYSTEM (FERST/VS) LOGIC, VOLUME 5, PROGS 5795-AAH EQUIPMENT CONTROL (OS/VS1) 5795-AAJ EQUIPMENT CONTROL (DOS/VS)
78	LY20-2261-0		STAIRS/DOS/VS LOGIC VOL 1 BATCH UTILITY PROGRAM & INTERFACE TO ONLINE CONTROL PROGRAMS
80	LY20-2263-0		STORAGE AND INFORMATION RETRIEVAL SYSTEM/DISK OPERATING SYSTEM/VIRTUAL STORAGE (STAIRS/DOS/VS) LOGIC MANUAL PROG PROD 5746-XR4 VOLUME II: ONLINE SUBSYSTEMS
80	LY20-2264-0		FINANCIAL SERVICES TERMINALS SUPPORT FOR THE IBM 3606 AND 3608, PRPQ P09004, LOGIC, LIC PROG 5799-ARD (DOS/VS)
67	LY20-2265-0		ACTION CENTER SUPPORT SYSTEM FOR CICS/OS/VS AND CICS/DOS/VS, IUP 5796-ALY, -ALZ, SYSTEMS GUIDE
70	LY20-2271-0		ONLINE BUDGET ACCOUNTING SYSTEM - IUP 5796-ANC, SYSTEM GUIDE
81	LY20-2276-0	LN20-3625	ONLINE NEWSPAPER CIRCULATION SYSTEM (CICS/VS) IUP 5796-ANP (OS/VS), 5796-ANQ (DOS/VS) SYSTEMS GUIDE
73	LY20-2278-0		ADVANCED TEXT MANAGEMENT SYSTEM-II: 3270 TEXT FEATURE SUPPORT DESCRIPTION/REFERENCE MANUAL, PROG PROD 5740-XXV (OS/VS), 5746-XXG (DOS/VS)
80	LY20-2283-0	LN20-3685	ADVANCED TEXT MANAGEMENT SYSTEM-II (ATMS-II) LOGIC, PROG PROD 5740-XXV (ATMS-II/OS/VS) 5746-XXG (ATMS-II/DOS/VS)
80	LY20-2284-1		INTERACTIVE INSTRUCTIONAL SYSTEM, LIC PROG 5748-XX6 LOGIC (CURRENT RELEASE)
79	LY20-2285-0	LN20-4043	STOCKHOLDER TRANSACTION ONLINE CONTROL SYSTEM SYSTEM GUIDE - APPENDIX
67	LY20-2296-0		APL GPSS FOR VS APL, IUP 5796-PJG, SYSTEM GUIDE
83	LY20-2298-0		AUTOMATED TELLER HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/VS IUP 5796-AQT, SYSTEMS GUIDE
67	LY20-2299-1		ILLINOIS NATIONAL BANK OFF LINE TELLER SYSTEM W/3600, IUP
67	LY20-2300-0		

67	LY20-2302-0		5796-ANR, SYSTEMS GUIDE
64	LY20-2303-0		CARDHOLDER ACCOUNTING, IUP 5796-AQR, SYSTEMS GUIDE
74	LY20-2306-0		ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, SYSTEMS GUIDE
74	LY20-2307-0		HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ANY, SYSTEMS GUIDE
81	LY20-2308-0		HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM, IUP 5796-ANY, DESIGN AND CODING GUIDE
74	LY20-2309-0		FIRST NATIONAL BANK OF MARYLAND ONLINE PAYROLL & PERSONNEL SYSTEM CICS/OS/VIS, IUP 5796-AKH, SYSTEMS GUIDE
67	LY20-2310-0		LABORATORY DATA MANAGEMENT SYSTEM ENHANCEMENTS, IUP 5796-APB, SYSTEM GUIDE
67	LY20-2313-0		THE BANK TELLER 3600 APPLICATION PROGRAM, IUP 5796-ARD, SYSTEMS GUIDE
67	LY20-2316-0		CARDHOLDER ACCOUNTING, IUP 5796-AQR, USER'S GUIDE
81	LY20-2319-0	LN20-3686	MERCHANTS ACCOUNTING/DATA ENTRY, IUP 5796-AQP SYSTEMS GUIDE
74	LY20-2321-0		TREND ANALYSIS/370, LIC PROG 5740-F12, LOGIC
30	LY20-2343-0	LN20-2347 LN20-3788	HEALTH CARE SUPPORT/ELECTROCARDIOGRAM (ECG) ANALYSIS PROGRAM VERSION 2, LOGIC, PROG PROD 5748-H11
67	LY20-2346-0		FINANCIAL SERVICES TERMINALS SUPPORT FOR 3606 AND 3608, PRPQ P09005, LOGIC, PROG 5799-ARE
81	LY20-2348-0		CREDIT MANAGEMENT/VIRTUAL STORAGE PRPQ #MH4661 LOGIC MANUAL DENSITY SLICING FEATURE TO EARTH RESOURCES - MANAGEMENT II (ER-MAN II), PROG PROD 5799-ARX, PRPQ MH2256, LOGIC
78	LY20-2359-0		MAINTENANCE, ENGINEERING AND STORES SYSTEM PROBLEM CORRECTIVE/REPORTING, IUP 5796-ARP, SYSTEMS GUIDE
78	LY20-2360-0		MAINTENANCE, ENGINEERING AND STORES SYSTEM CATALOG INQUIRY/PARTS ORDERING, IUP 5796-ARQ
78	LY20-2361-0		MAINTENANCE, ENGINEERING AND STORES SYSTEM - COMPONENT MAINTENANCE, IUP 5796-ARR, SYSTEMS GUIDE
78	LY20-2362-0		MAINTENANCE, ENGINEERING AND STORES SYSTEM TIME ON PARTS/FORECASTING, IUP 5796-ARW SYSTEM GUIDE
76	LY20-2366-2		GRAPHIC ONE-LINE DIAGRAM DISPLAY, LIC PROG 5798-CWX, SYSTEMS GUIDE
81	LY20-2375-0		PROJECT EVALUATION AND CONTROL SYSTEM, IUP 5785-EAE, SYSTEMS GUIDE
74	LY20-2412-0		LABORATORY DATA MANAGEMENT SYSTEM II, IUP 5796-AWC, SYSTEMS GUIDE
74	LY20-2413-0		LABORATORY DATA ACQUISITION SYSTEM IUP 5796-AWH SYSTEMS GUIDE
81	LY20-2415-0	LN20-3967 LN20-4442	A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PLN, SYSTEMS GUIDE
74	LY20-2419-0		HEALTH CARE SUPPORT/DL/I UTILIZATION REVIEW SYSTEM, IUP 5796-AWN, SYSTEMS GUIDE
67	LY20-2422-0	LN20-4119	COMMERCIAL BANK 3600 TELLER APPLICATION PROGRAM, IUP 5796-AXK SYSTEMS GUIDE
67	LY20-2425-0		THE FINANCIAL ANALYSIS AND CREDIT EVALUATION SYSTEM, IUP 5796-ANY, SYSTEMS GUIDE
64	LY20-2432-0		DORTMUND LIBRARY SYSTEM, IUP 5787-DAA, SYSTEMS GUIDE
64	LY20-2433-1		LEUVEN LIBRARY SYSTEM - BATCH, IUP 5787-FAH, SYSTEMS GUIDE
64	LY20-2434-1		LEUVEN LIBRARY SYSTEM-ONLINE, IUP 5787-FAJ, SYSTEMS GUIDE
79	LY20-2444-0	LN20-3971	3277 APL GRAPHICS ATTACHMENT SUPPORT RPQ #P09014, LIC PROG 5799-AKW, LOGIC
79	LY20-2445-0	LN20-4065	3277 GRAPHICS ATTACHMENT SUPPORT, LIC PROG 5799-AXX, LOGIC
30	LY20-2446-1	LN20-4064	DISTRIBUTED SYSTEMS EXECUTIVE (DSX), LIC PROG 5748-XXG LOGIC
50	LY20-2452-0		DMS/3790, LIC PROG 5748-KC2, LOGIC
50	LY20-2453-0		DMS/3790 COMMUNICATIONS INTERFACE MONITOR FEATURE (CIM), LIC PROG 5748-KC2, LOGIC
67	**LY20-2454-3		3614/3624 CONSUMER ONLINE TRANSACTION SYSTEM, LIC PROG 5740-F51 (OS/VIS), 5746-F57 (DOS/VIS), LOGIC MANUAL
67	LY20-2457-1		CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, LOGIC
78	LY20-2458-1		NETWORK EXTENSION FACILITY FOR AIRLINES CONTROL PROGRAM TRANSACTION PROCESSING FACILITY WITH ADVANCED COMMUNICATIONS FUNCTION (PROGRAMMING RPQ P09021, LIC PROG 5799-AZP, LOGIC
30	**LY20-2476-2	**LN20-4627	ADVANCED DATA COMMUNICATION FOR STORES, LIC PROG 5735-XXR2, LOGIC
30	**LY20-2479-1		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION STORE DATA MANAGEMENT, LIC PROG 5748-D22, LOGIC
79	LY20-2483-2		INTERACTIVE GEO-FACILITIES GRAPHICS SUPPORT, LIC PROG 5799-AYB, LOGIC
67	LY20-2484-1		CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5740-XYB, LOGIC
74	LY20-2490-1		3650 PHARMACY APPLICATION LOGIC
80	LY20-2491-1		ADVANCED TEXT MANAGEMENT SYSTEM-III LIC PROG 5740-XYL (OS/VIS), 5746-XXU (DOS/VIS), LOGIC
63	LY20-2495-0		3680 PROGRAMMABLE STORE SYSTEM/SALES APPLICATION LIC PROG 5735-D62, LOGIC
63	LY20-2505-0		3680 PROGRAMMABLE STORE SYSTEM/STORE ADMINISTRATION APPLICATION, LIC PROG 5735-D62, LOGIC
79	LY20-2506-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, LIC PROG 5668-012, LOGIC (CURRENT RELEASE)
79	LY20-2507-0		INTERACTIVE INSTRUCTIONAL PRESENTATION SYSTEM, INTERACTIVE INSTRUCTIONAL AUTHORIZING SYSTEM, LIC PROG 5668-012, -011, LOGIC
83	LY20-2520-0		TELEPROCESSING NETWORK SIMULATOR, LIC PROG 5662-262, LOGIC
76	**LY20-2522-1		GEO-FACILITY DATA BASE SUPPORT, LIC PROG 5799-BEB, LOGIC
73	**LY20-2523-0		DOCUMENT INTERCHANGE FACILITY/DISTRIBUTED, LIC PROG 5668-004, LOGIC
73	**LY20-2524-0		DOCUMENT INTERCHANGE FACILITY/CENTRAL, LIC PROG 5668-003, LOGIC
67	**LY20-2525-2	**LN20-4404	CHECK PROCESSING EXECUTIVE/3694, LIC PROG 5748-F53, LOGIC
67	**LY20-2541-2		3600 ADMINISTRATIVE APPLICATION SUPPORT, LIC PROG 5748-F55, LOGIC
50	LY20-2542-1		DEVELOPMENT MANAGEMENT SYSTEM/DPGX, LIC PROG 5748-KC4, LOGIC
67	**LY20-2556-2		CHECK PROCESSING EXECUTIVE/VIS, LIC PROG 5748-F54, LOGIC
81	**LY20-2566-0		TREND ANALYSIS, LIC PROG 5740-XYT, LOGIC
80	**LY20-2567-0		PROFESSIONAL OFFICE SYSTEM, LIC PROG 5799-BEX, PRPQ P09033 LOGIC & PROBLEM DETERMINATION
63	**LY20-2571-0		3680 PROGRAMMABLE STORE SYSTEM/SUPERMARKET ENVIRONMENT, LIC PROG 5735-D61, -D62, LOGIC



67	**LY20-2584-0		CUSTOMER INFORMATION FACILITY/VIRTUAL STORAGE, LIC PROG 5746-XXS, FOR THE COMMERCIAL BANK APPLICATION SYSTEM LOGIC
73	LY20-8067-2		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, DIAGNOSTIC PROCEDURES & LOGIC OVERVIEW (CURRENT RELEASE)
73	LY20-8068-1		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, DIAGNOSTIC PROCEDURES AND LOGIC OVERVIEW
73	LY20-8074-1		DOCUMENT COMPOSITION FACILITY, LIC PROG 5748-XX9, PROBLEM DETERMINATION AND LOGIC OVERVIEW (CURRENT RELEASE)
73	LY20-8075-1		DOCUMENT LIBRARY FACILITY, LIC PROG 5748-XXE, PROBLEM DETERMINATION AND LOGIC OVERVIEW
81	LY20-9000-0		LONG TERM DEBT MANAGEMENT SYSTEM, IUP 5796-AXZ, SYSTEM GUIDE
81	LY20-9002-1		APPLICANT TRACKING SYSTEM, IUP 5796-PLT, SYSTEMS GUIDE
72	LY20-9004-0		WESTINGHOUSE ELECTRIC CORPORATION - GRAPHIC TRAINING AIDS, IUP 5796-AVJ, SYSTEMS GUIDE
74	LY20-9006-0		HEALTH CARE SUPPORT/DL/I MEDICAL RECORD ABSTRACT, IUP 5796-AYL, SYSTEMS GUIDE
67	LY20-9008-0		DEMAND DEPOSIT ACCOUNTING AND SAVINGS MEMO POST SYSTEM, IUP 5796-AZF, SYSTEMS GUIDE
67	LY20-9011-0		DL/I BATCH SAVINGS SYSTEM, IUP 5796-AZJ, SYSTEMS GUIDE
67	LY20-9013-0		FULL FUNCTION TELLER INFORMATION SYSTEM, IUP 5796-AZL, SYSTEMS GUIDE
67	LY20-9014-0		ONLINE TELLER ASSIST SYSTEM, IUP 5796-AZN, SYSTEM GUIDE
67	LY20-9016-0		THE BANK TELLER 3600 APPLICATION PROGRAM/COMMERCIAL EXTENSIONS, IUP 5796-AZX, SYSTEMS GUIDE
83	LY20-9017-0		PL/I GENERAL PURPOSE SIMULATION SYSTEM, IUP 5796-PNN, SYSTEMS GUIDE
67	**LY20-9018-0		COMBINED DEPOSIT SYSTEM, IUP 5796-AZX, SYSTEMS GUIDE
81	**LY20-9020-0		APL DATA INTERFACE II/TSO, IUP 5796-PNJ, SYSTEMS GUIDE
73	LY20-9024-0		PANEL 2, IUP 5796-PPA, SYSTEMS GUIDE
67	LY20-9027-0		3624 AUTOMATED TELLER MACHINE HOST SUPPORT WITH IMS/VS, IUP 5796-BBG, FEATURE 8164, SYSTEMS GUIDE
67	**LY20-9028-0		AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BBJ, -BBH, SYSTEMS GUIDE
64	LY20-9033-0		EDUCATIONAL INFORMATION SYSTEM/DATABASE, IUP 5796-BAZ, DATA BASE MAINTENANCE GUIDE
64	LY20-9034-0		EDUCATIONAL INFORMATION SYSTEM DATABASE, IUP 5796-BAZ, SYSTEMS DESIGN GUIDE
74	**LY20-9038-0		PATIENT CARE SYSTEM - APPLICATION EXECUTION SYSTEM, IUP 5796-BCE, SYSTEMS GUIDE
71	**LY20-9041-0		GROUP LIFE MANAGEMENT SYSTEM, IUP 5796-PQF, SYSTEMS GUIDE
67	**LY20-9044-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR CUSTOMER INFORMATION FACILITY APPLICATION
67	**LY20-9045-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE (FOR CHECK RECONCILIATION)
67	**LY20-9046-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR OFFERED FEES APPLICATION
67	**LY20-9047-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR DOCUMENT GENERATION
67	**LY20-9048-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR DOCUMENTATION APPLICATION
67	**LY20-9049-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ESCROW ANALYSIS APPLICATION SYSTEMS GUIDE
67	**LY20-9050-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR FIXED ASSETS APPLICATION
67	**LY20-9051-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR GENERAL LEDGER APPLICATION
67	**LY20-9052-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR HAZARD INSURANCE APPLICATION
67	**LY20-9053-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR INVESTOR REPORTING SYSTEM
67	**LY20-9054-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR LOAN APPLICATION
67	**LY20-9055-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR LOANS IN PROCESS APPLICATION
67	**LY20-9056-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR MORTGAGE PROTECTION INSURANCE APPLICATION
67	**LY20-9057-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR MORTGAGE LOANS APPLICATION
67	**LY20-9058-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR NEGOTIABLE ORDER OF WITHDRAWAL ACCOUNTS APPLICATION
67	**LY20-9059-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR PRE-AUTHORIZED PAYMENTS APPLICATION
67	**LY20-9060-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR SAVINGS APPLICATION
67	**LY20-9061-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR SPECIAL FUNCTIONS
67	**LY20-9062-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE FOR REAL ESTATE TAXES APPLICATION
67	**LY20-9063-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, SYSTEMS GUIDE TELLER FUNCTIONS APPLICATION
67	**LY20-9064-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, DATA BASE MANUAL SYSTEMS GUIDE
67	**LY20-9065-0		COMPREHENSIVE THRIFT APPLICATION SYSTEM, IUP 5796-AXW, ONLINE SYSTEMS GUIDE
79	**LY20-9066-0		BASIC GRAPHIC SUPPORT SYSTEM, IUP 5785-DCK, LOGIC
79	**LY20-9067-0		BASIC INTERACTIVE GRAPHIC APPLICATION MONITOR, IUP 5785-DCJ, LOGIC
64	**LY20-9068-0	**LN20-4468	DORTMUND LIBRARY SYSTEM, FDP 5787-DAA, -DAB, SYSTEMS GUIDE
64	**LY20-9069-0	**LN20-4469	LEUVEN LIBRARY SYSTEM-ONLINE, FDP 5787-FAJ, -FAK, SYSTEMS GUIDE
64	**LY20-9070-0	**LN20-4472	LEUVEN LIBRARY SYSTEM-BATCH, FDP 5787-FAH, -FAL, SYSTEMS GUIDE
67	**LY20-9071-0		AUTOMATED TELLER ONLINE APPLICATION AND REPORTING SYSTEM, IUP 5796-BDA, -BDC, SYSTEMS GUIDE
30	SY24-5201-1		IBM 3630 PLANT COMMUNICATION SYSTEM: HOST SERVICE PROGRAMS LOGIC, PROG 5744-CR1, 5747-CJ1
30	SY27-2469-1		IBM 3600 FINANCE COMMUNICATION SYSTEM BSC/3600 SERVICE LOGIC, RPO

30	SY27-2472-4		8K0598 and 8K0599, PROG 5744-CA3, -5747-BR1 DISTRIBUTED PROCESSING CONTROL EXECUTIVE/3790/3770 HOST SUPPORT, LIC PROG 5744-BZ3, 5747-BQ1, HOST SERVICES LOGIC
30	SY27-2514-2	SN31-7253	SYSTEMS - IBM 3600 FINANCE COMMUNICATION SYSTEM HOST SERVICE PROG PROD 5744-CA1, -CA2, -CA3, LOGIC
30	SY27-7268-0		OS/V5 VTAM SPECIAL PROGRAMMING SUPPORT/KEY ENTRY: COMPONENT RELEASE LOGIC, COMPONENT NUMBERS 5741-SC1-29 & 5752-SC1-29
30	SY30-3017-5	**SN30-3210	SN31-0590
30	SY30-3019-2		SYSTEM/370 SUBSYSTEM SUPPORT SERVICES (LEVEL 5) LOGIC
30	SY30-3024-0	SN30-3071	3660 SUPERMARKET SCANNING SYSTEM HOST LOGIC, PROG 5747-BK1 IBM 3650 SUBSYSTEM PROGRAM PREPARATION SUPPORT TRANSFORMATION DEFINITION LANGUAGE TRANSLATOR LOGIC
30	SY30-3033-1		3650 RETAIL STORE SYSTEM, RELEASE 3.1 HOST, LOGIC
30	**SY30-3044-2		PROGRAMMABLE STORE SYSTEM HOST SUPPORT RELEASE 1.0 LOGIC
30	LY30-3045-0	LN30-3158	SUBSYSTEM PROGRAM PREPARATION SUPPORT II TERMINAL DISPLAY LANGUAGE AND POST PROCESSOR, LIC PROG 5735-D16, LOGIC
63	**LY30-3046-2		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/SUPERMARKET ENVIRONMENT LOGIC
63	**LY30-3048-1		3650 PROGRAMMABLE STORE SYSTEM POS APPLICATION/REPORT CUSTOMIZER LOGIC
24	LY30-3050-0		3650 PROGRAMMABLE STORE SYSTEM COBOL COMPILER PROGRAM LOGIC
63	LY30-3056-0	LN30-3188	3650 PROGRAMMABLE STORE SYSTEM POS/APPLICATION RETAIL ENVIRONMENT LOGIC
32	SY33-8900-3		IBM 3790 COMMUNICATION SYSTEM, DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM, DOS/V5 LOGIC, SCP 5747-BW1
32	SY33-8901-3		3790 COMMUNICATION SYSTEM DATA ENTRY CONFIGURATION, BATCH TRANSFER PROGRAM, OS/V5-OS/V52 LOGIC, SCP'S 5744-CG1, -CG2
09	G229-0257-0		CONTROL OPERATOR ORIENTATION GUIDE FOR THE IBM 3790 COMMUNICATION SYSTEM
09	G229-0258-0		3790 COMMUNICATION SYSTEM PROBLEM DETERMINATION GUIDE
89	G229-0259-0		3790 INCIDENT REPORT
60	G320-1269-2		S/370 PROGRAM PRODUCTS CROSS INDUSTRY APPLICATION OS DOS VM/370-CMS
80	G320-1324-1		ATMS OPERATIONS QUICK REFERENCE GUIDE PROG. NOS. 5740-XX3 (ATMS/OS), 5746-XX4 (ATMS/DOS/V5)
80	S320-1325-0		ADVANCED TEXT MANAGEMENT SYSTEM (ATMS), LIC PROG 5740-XX3, USER'S GUIDE
64	G320-1439-1		S/370 FILM LIBRARY MANAGEMENT SYSTEM (FLMS), IUP 5796-ACW, NOTICE SYSTEM/370 STUDENT RESPONSE ANALYSIS PROCESSORS (STRAP) FOR OS/V5 & DOS/V5 AT OHIO STATE UNIVERSITY: IUP'S 5796-ACX (OS), 5796-AGP (DOS) NOTICE
73	G320-1533-1		TERMTXT/FORMAT, IUP 5796-PBR, NOTICE
64	G320-1534-1		LIBRARY ACCESS SYSTEM: ACQUISITIONS & CATALOGING (5796-PCF), CIRCULATION CONTROL (5796-PCQ) AND BIBLIOGRAPHIC SEARCH (5796-PCR) -- 3 IUP'S NOTICE
64	G320-1536-1		COMPUTER ASSISTED INSTRUCTION (CAI): COMPUTER CONCEPTS IUP 5796-PCJ, PCG, PCL, PCN, NOTICE
81	G320-1543-0		DIRECT MANPOWER PLANNING WITH ASSESSMENT OF RISK - IUP 5796-PDB, NOTICE
60	**G320-4267-5		APL APPLICATION PROGRAMS - REFERENCE SUMMARY
81	G320-5535-0	**GN20-4165	APL ECONOMETRIC PLANNING LANGUAGE, IUP 5796-PDW, NOTICE
79	G320-5536-0	**GN20-4166	INTRODUCING THE COMPUTER, IUP 5796-PDX, NOTICE
64	G320-5544-0	**GN20-4169	NUMBERING SYSTEMS, IUP 5796-PEZ, 5796-PFE, NOTICE
79	G320-5546-0		HIPODRAW, IUP 5796-PFF, NOTICE
73	G320-5548-0		PANEL - A LINE ART TECHNIQUE, IUP 5796-PFJ, NOTICE
81	G320-5549-0		GRAPHIC ANALYSIS PROGRAM, IUP 5796-PFK, NOTICE
79	G320-5553-1		IMS/V5 MASTER TERMINAL OPERATOR TRAINING, IUP 5796-PFN, NOTICE
74	G320-5651-0		HOSPITAL PAYROLL MANAGEMENT SYSTEM, IUP 5796-AJQ, NOTICE
79	G320-5655-1		ONLINE APPLICATION SIMULATION MACROS, IUP 5796-AJZ, NOTICE
79	G320-5657-1		FUNDAMENTALS OF FLOWCHARTING, IUP 5796-PFY, NOTICE
71	G320-5659-0		LIFE INQUIRY/DATA ENTRY ENHANCEMENT, IUP 5796-AKD, NOTICE
71	G320-5663-0		STATUTORY GAAP VALUATION SYSTEM, IUP 5796-AJR, NOTICE
81	G320-5664-1	**GN20-4170	APL FORECASTING & TIME SERIES ANALYSIS, IUP 5796-PFK, NOTICE A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PEF, PEH, NOTICE
81	G320-5665-0		3661 FILE CREATION ASSISTANCE, IUP 5796-PFZ, NOTICE
63	G320-5678-1		CICS/DOS/V5 PROOF OF DEPOSIT AND TRANSIT SYSTEM, 3890 FEATURE, HOUSTON NATIONAL BANK, NOTICE - IUP 5796-AKW, 5796-AKT, 5796-AGA
67	G320-5687-0		
82	G320-5688-1	GN20-4411	APL STATISTICAL LIBRARY, IUP 5796-PHW, 5796-PGQ, NOTICE
73	G320-5696-0		SCRIPT/370 VERSION 3, IUP 5796-PHL, NOTICE
08	G320-5700-0		BRANCH PROCEDURES FOR 3614 CTF OPERATIONS, SUBURBAN TRUST CO STOCKHOLDER RELATIONS & MANAGEMENT, IUPS 5796-PHH, -PHJ, -PHK, NOTICE
67	G320-5705-0		
79	G320-5706-1		STATISTICS & TESTS & MEASUREMENTS, IUP 5796-ALC, NOTICE
79	G320-5707-1		SELECTED TOPICS IN ALGEBRA & CALCULUS - IUP 5796-ALD, NOTICE
79	G320-5709-0		IMS/V5 ONLINE DATA ENTRY SYSTEM, IUP 5796-ALH, NOTICE
67	G320-5715-0		3890 STATEMENT PREPARATION SORT - IUP 5796-ALP, NOTICE
70	G320-5717-0		ACTION CENTER SUPPORT SYSTEM, IUP 5796-ALY, -ALZ, NOTICE
67	G320-5720-0		CASH APPLICATION TERMINAL SYSTEM CICS/V5 - IUP 5796-ANB, NOTICE
74	G320-5721-0		NURSE SCHEDULING - IUP 5796-ANA, NOTICE
81	G320-5723-0		ONLINE BUDGET ACCOUNTING SYSTEM - IUP 5796-ANC, NOTICE
32	G320-5724-0		DYNAMIC BTP GENERATOR - IUP 5796-ANF, NOTICE
67	G320-5725-1		AUTOMATED HOST SUPPORT SYSTEM ENHANCEMENT CICS/DOS/V5 IUP'S 5796-AQT, 5796-ANH, NOTICE
73	G320-5726-0		ONLINE NEWSPAPER CIRCULATION SYSTEM, IUP 5796-ANP, Q, NOTICE
80	G320-5730-1		ATMS-II OPERATIONS QUICK REFERENCE GUIDE, PROG PROD 5740-XXV (ATMS-II/OS/V5) AND 5746-XXG (ATMS-II/DOS/V5)
79	G320-5739-0		THE COUNSELING PROCESS, IUP 5796-PJD, NOTICE
81	G320-5740-0		IMPROVED ECONOMIC DECISION MAKING WITH IUP 5796-ANJ, NOTICE
60	G320-5744-3		IMS APPLICATION DEVELOPMENT FACILITY, IUP 5796-PHX, NOTICE
83	G320-5745-0		APL GPSS, IUP 5796-PJF, -PJG, NOTICE
67	G320-5748-0		3600 OFF-LINE TELLER SYSTEM, IUP 5796-ANR, NOTICE
81	G320-5750-1		TREND ANALYSIS/370 DATA BASE AIDS, IUP 5796-AQR, -AQL, -AQN, NOTICE
64	G320-5751-0		ONLINE STUDENT REGISTRATION & ACCOUNTING SYSTEM, IUP 5796-ANW, NOTICE

67	G320-5752-0		AUTOMATED BILL PAYMENT SYSTEM, IUP 5796-ANX, NOTICE
74	G320-5756-2		HEALTH CARE SUPPORT/DL/I PATIENT CARE SYSTEM - IUP 5796-ANY, NOTICE
81	G320-5757-0		ONLINE PAYROLL & PERSONNEL SYSTEM, IUP 5796-AKH, NOTICE
81	G320-5758-0	**GN20-4422	APL DATA INTERFACE, IUP 5796-PKA, -PKB, -PKC, NOTICE
64	G320-5759-0		A RESPONSE EVALUATION SYSTEM, IUP 5796-ANZ, NOTICE
64	G320-5760-0		ONLINE LIBRARY CIRCULATION SYSTEM, IUP 5796-APA, NOTICE
67	G320-5761-0		THE BANK TELLER 3600 APPLICATION PROGRAM, IUP 5796-ARD, NOTICE
80	**G320-5787-1		STAIRS, LIC PROG 5740-XR1, 5746-XR4, USER'S GUIDE
79	G320-5804-0		ELEMENTARY MATHEMATICS IUP 5796-APC, NOTICE
72	G320-5805-1		COMPUTER-GRAPHICS AUGMENTED DESIGN AND MANUFACTURING SYSTEM IUP 5796-ATA, -ATB, -ATC, -ATD, -ATE, -ATF, -ATG, -ATH, -ATJ NOTICE
67	G320-5808-1		MERCHANTS ACCOUNTING/DATA ENTRY SYSTEM, IUP 5796-AQP, NOTICE
64	G320-5814-0		EPIC: SOCRATES ONLINE MAINTENANCE SYSTEM, IUP 5796-AQW, NOTICE
81	G320-5815-0	**GN20-4160	APL DATA INTERFACE FOR VSAPL UNDER TSO, IUP 5796-PJZ, NOTICE
79	G320-5818-0		ANATOMY & PHYSIOLOGY, IUP 5796-AQX, NOTICE
35	G320-6051-0		3270 EMULATOR PROGRAM FOR 3600 SYSTEM IUP 5796-ARL, SPECIFICATIONS
79	G320-6052-0		IMS/VIS MASTER TERMINAL OPERATOR TRAINING-II IUP 5796-ARJ, NOTICE
78	G320-6055-0		MAINTENANCE ENGINEERING AND STORES SYSTEM, 5796-ARP, ARQ, ARR, ARW, ARX, NOTICE
76	G320-6059-0		INTERACTIVE GRAPHICS SYSTEMS PLANNING, IUP 5798-CWX, NOTICE
82	G320-6061-0		LISP/370 - IUP 5796-PKL, NOTICE
72	**G320-6063-5		COMPUTER GRAPHICS AUGMENTED DESIGN AND MANUFACTURING MODULES, IUP 5796-ATA THROUGH ATJ, NOTICE
81	**G320-6066-1		PL/I FILE CREATION FOR APL DATA INTERFACE, IUP 5796-PPK, NOTICE
79	G320-6076-0	**GN20-4430	CONTROLLING JES2 I/O DEVICES - OPERATOR TRAINING MINI COURSES IUP 5796-PLD NOTICE
67	G320-6077-0		PC/3600 TRANSACTION DOCUMENTOR AND CROSS REFERENCE, FDP 5796-ATR, NOTICE
80	G320-6078-0		STAIRS/VIS TRAINING, IUP 5796-PLF NOTICE
74	G320-6080-0		LABORATORY DATA MANAGEMENT SYSTEM II, IUP 5796-ANC, NOTICE
83	G320-6081-1		APL CONTINUOUS SYSTEM MODELING PROGRAM (APL-CSMP). 5785-KAE, NOTICE
79	G320-6082-0		3800 SYSTEM DESIGN AND DOCUMENTATION IUP 5796-ATY, NOTICE
37	G320-6084-0		3600 STATISTICS AND MESSAGE LOG FOR CICS/DOS/VIS IUP 5796-AWB, NOTICE
32	G320-6085-0		3760 AUTOMATED DOS/VIS JOB SUBMISSION IUP 5796-AWA NOTICE
67	G320-6086-0		DOSCHECK USER GUIDE EDUCATION OFFERING, NOTICE
81	G320-6088-0		PROJECT EVALUATION AND CONTROL SYSTEM, IUP 5785-EAE, NOTICE
32	G320-6090-0		3790 BASIC KEY TO DISK SYSTEM, IUP 5796-AWF, NOTICE
67	G320-6091-0		DOS/CICS/VIS 3270 CONTROL FOR REMOTE 3600 SYSTEMS IUP 5796-AWG, NOTICE
74	G320-6092-0		PATIENT CARE SYSTEM, RADIOLOGY IUP 5796-AWJ, NOTICE
79	G320-6094-0	**GN20-4433	ADMINISTERING THE INTERACTIVE INSTRUCTIONAL SYSTEM, IUP 5796-PLJ, NOTICE
74	G320-6095-0		LABORATORY DATA ACQUISITION SYSTEM, IUP 5796-AWH, NOTICE
81	**G320-6097-2		A DEPARTMENTAL REPORTING SYSTEM, IUP 5796-PLN, NOTICE
79	G320-6099-0		PROBLEM DETERMINATION FOR MVS OPERATORS, IUP 5785-LAC, NOTICE
89	G320-6107-1		3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM OPERATING INSTRUCTIONS BINDER
89	G320-6108-1		3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, REFERENCE INFORMATION BINDER
89	G320-6109-1		3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM, 3732 TEXT DISPLAY STATION, OPERATOR'S COURSE BINDER
89	G320-6110-0		3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM 3736, PRINTER OPERATING INSTRUCTIONS BINDER
67	G320-6154-1		CARDHOLDER ACCOUNTING SYSTEM, IUP 5796-AQR, NOTICE
74	G320-6157-0		HEALTH CARE SUPPORT/DL/I UTILIZATION REVIEW SYSTEM, IUP 5796-AWN, NOTICE
67	G320-6161-0		COMMERCIAL BANK 3600 TELLER APPLICATION PROGRAM, IUP 5796-AXK, RELEASE NOTICE
67	G320-6162-0		AUTHORIZATION SYSTEM, 5796-AQQ, NOTICE
65	G320-6164-0	**GN20-4435	INTERACTIVE CIRCUIT DESIGN, IUP 5796-PLR, NOTICE
83	G320-6167-1		TPNS DISPLAY MONITOR, IUP 5796-AXN, NOTICE
65	G320-6169-0		APL MULTIVARIATE TIME SERIES ANALYSIS, IUP 5796-PLX, NOTICE
67	G320-6171-0		FINANCIAL ANALYSIS AND CREDIT EVALUATION IUP 5796-AWY NOTICE
67	G320-6172-0		BOND QUOTE SYSTEM, IUP 5796-AXY, NOTICE
64	G320-6173-0		DORTMUND LIBRARY SYSTEM, IUP 5787-DAA, NOTICE
64	G320-6174-0		LEUVEN LIBRARY SYSTEM - BATCH, IUP 5787-FAH, NOTICE
64	G320-6175-0		LEUVEN LIBRARY SYSTEM-ONLINE, IUP 5787-FAJ, NOTICE
64	G320-6176-0		DISCOVER: THE CAREER GUIDANCE SYSTEM, IUP 5796-AYA, -AYB, -AYC, NOTICE
09	G320-6279-0		3730 DISTRIBUTED OFFICE COMMUNICATION SYSTEM CONTROL OPERATOR'S REFERENCE GUIDE
89	G320-6290-0		3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE PLANNING CHART
89	G320-6291-0		3680 PROGRAMMABLE STORE SYSTEM IMPLEMENTATION GUIDE, WORK PLAN BLANK FORMS
67	G320-6329-0		3890 ON-LINE FINE SORT ENHANCEMENTS, IUP 5796-AYF, NOTICE
81	G320-6330-0		LONG TERM DEBT MANAGEMENT SYSTEM, IUP 5796-AXZ, NOTICE
79	G320-6331-0		DOCUMENT COMPOSITION FACILITY TRAINING COURSE, IUP 5796-PNE, NOTICE (CURRENT RELEASE)
81	G320-6333-0		APPLICANT TRACKING SYSTEM, IUP 5796-PLT, NOTICE
72	G320-6336-0		WESTINGHOUSE ELECTRIC CORPORATION - GRAPHIC TRAINING AIDS, IUP 5796-AYJ, NOTICE
67	**G320-6337-0		COMPUTER THRIFT APPLICATION SYSTEM, 5796-AXW, -AXX, AVAILABILITY NOTICE
74	G320-6341-0	**GN20-4158	HEALTH CARE SUPPORT - MEDICAL RECORDS ABSTRACT SYSTEM, IUP 5796-AYL, NOTICE
67	G320-6350-0		BAY STATE ONLINE TELLER SYSTEM, IUP 5796-AZF, NOTICE
67	G320-6386-1		DL/1 BATCH SAVINGS SYSTEM, IUP 5796-AZJ, NOTICE
72	G320-6388-1		SOFTCOPY, IUP 5796-PNP, NOTICE
80	G320-6389-1		ATMS ARCHIVE TAPE LIST PROGRAM, IUP 5796-AZQ, NOTICE
67	G320-6391-0		FULL FUNCTION TELLER INFORMATION SYSTEM, IUP 5796-AZL, NOTICE

67	G320-6392-0	ONLINE TELLER ASSIST SYSTEM, IUP 5796-AZN, NOTICE
67	G320-6396-0	BANK TELLER 3600 APPLICATION PROGRAM/COMMERCIAL EXTENSIONS, IUP 5796-MZX, RELEASE NOTICE
83	G320-6398-0	PL/I GENERAL PURPOSE SIMULATION SYSTEM, IUP 5796-PNN NOTICE
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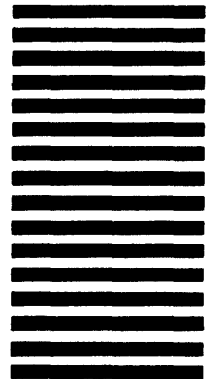


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