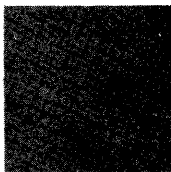
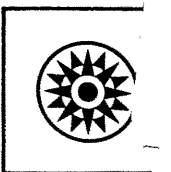
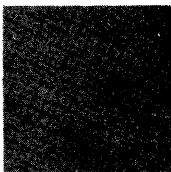
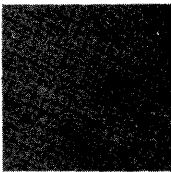
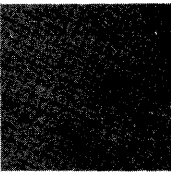
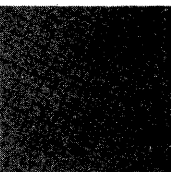
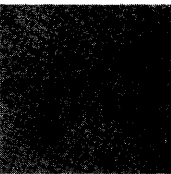
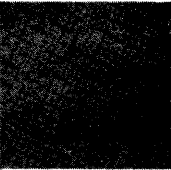




**Systems Reference Library**

**IBM System/360 Operating System:  
Release 21.8 Guide**



# PREFACE

This publication explains the contents and status of Release 21.8 of the IBM System/360 Operating System.

Release Guides give installation managers, system programmers, and IBM personnel useful information on planning for and installing the current release.

This publication has four parts:

1. A functional summary of the items incorporated into this release.
2. A description of the maintenance activity included in this release -- APAR and PTF listings.
3. A module directory and a module status listing for the modules contained in this release.
4. Ordering information -- program material lists, hardware change levels, and documentation.

To have a history of all APARs, PTFs, and changes to the system libraries, save your Release Guides.

Seventh Edition (September, 1974)

This edition has been completely rewritten for Release 21.8 of IBM System/360 Operating System. Changes are periodically made to the information herein; before using this publication in connection with the operation of IBM systems, consult the latest IBM System/360 and System/370 Bibliography, GA22-6822, for the editions that are applicable and current.

Requests for copies of IBM publications should be made to your IBM representative or to the IBM branch office serving your locality.

A form for readers' comments is provided at the back of this publication. If the form has been removed, comments may be addressed to IBM Corporation, Publications Development, Department D58, Building 706-2, PO Box 390, Poughkeepsie, N.Y. 12602. Comments become the property of IBM.

Memorandum to: Users of Operating System/360

Subject: Distribution of Release 21.8

Release 21.8 may now be ordered for shipment beginning the week of September 27, 1974.

Content: It contains over 2000 APAR fixes, permanently resolves over 200 PTFs, and includes the following Component Releases:

Power Warning Feature (PWF) Support  
System Modification Program (SMP)  
Telecommunications Access Method 5E  
3803 and 3420 Magnetic Tape Subsystem Support

Component Releases: No Component Releases are planned for installation on Release 21.8.

Ordering Instructions: The ordering instructions are unchanged from those of Release 21.7; see Part 4, Section 1.

Distribution Media: The following volume requirements differ from Release 21.7 to Release 21.8: 2314 magnetic-tape orders and 2311 disk-pack orders may need one additional volume. Other volume requirements are unchanged; see Part 4, Section 2.

Symbolic Libraries: Optional symbolic libraries are available on magnetic tape from PID. Order them from your IBM Marketing Representative.

Future Releases: Further update releases of the S/360 Operating System are not planned.

System Generation: Before generating your system, discuss the latest known restrictions, PTFs, and ECs with your local IBM Representative. See Part 1, Section 2.



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# PART 1: FUNCTIONAL SUMMARY

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Part 1 describes the functional items incorporated into this release; it has the following sections:

1. Release 21.8 Items
2. Planning for System Generation
3. Programming Considerations





# SECTION 1: RELEASE 21.8 ITEMS

This section describes the new functional items contained in this release.

Power Warning Feature (PWF) Support

The Power Warning Feature Support in this release is the currently available component release plus applicable APARs and PTFs.

The Power Warning Feature Support, along with its supporting hardware, prevents the loss of information in real storage during a utility power disturbance. The supporting hardware must include an Uninterruptable Power Supply to provide alternate power and equipment to signal the Power Warning Feature Support routines when a disturbance occurs.

The Power Warning Feature Support, after being signaled of a power disturbance and determining the significance of the disturbance, can transfer the contents of real storage to disk. After utility power is restored, the customer can use the Power Warning Feature Support restore routine to refresh the contents of real storage from disk.

Publication Support: For more information, please see the following publications:

OS Power Warning Feature (PWF) Support ICR Guide, GC28-6792.

OS System Generation, GC28-6554.

System Modification Program (SMP)

The System Modification Program (SMP) puts IBM and user modifications into the system libraries. It handles IBM modifications that are distributed as Program Temporary Fixes (PTFs) as well as user modifications, and can print records of the modifications it processes. SMP can also remove modifications that it has previously applied to the current operating system libraries if the DLIBs or permanent system libraries have not been changed. SMP has the necessary interface to use the assembler, the linkage editor, IEBUGDTE, IEBCOPY, and IMASPZAP when needed.

SMP maintains a record of the current status of the operating system as well as a history of all modifications and changes to that system. The history records are time-stamped.

Publication Support: For more information, please see the following publications:

OS System Modification Program (SMP), GC28-6791

OS SMP Reference Summary, GX28-0684

Telecommunication Access Method Level 5E (TCAM 5E)

The TCAM Level 5E support in this release is the currently available TCAM component plus applicable APARs and PTFs.

TCAM 5E contains support for the IBM 3705 Communications Controller using the Network Control Program (NCP) or Emulator Program (EP). TCAM 5E includes:

- Local attachment of the 3705 in NCP mode: The physical link between the host CPU and a local 3705 in NCP mode is a standard System/370 I/O channel. This I/O channel may be a byte multiplexer, block multiplexer, or selector channel. The 3705 is represented by a single subchannel address. The host routines control the 3705 telecommunications network with a set of logical commands defined by the 3705 Network Control Program.
- Control of multiple 3705s in NCP mode and 270x's: TCAM 5E now controls multiple 3705s in NCP mode or emulation mode, 2701s, 2702s, 2703s and local control units with a single Message Control Program (MCP).
- Checkpoint/Restart: The TCAM 5E checkpoint/restart facility restores a 3705 system after an NCP failure. Checkpoint information and the mechanism for writing checkpoint records to disk differs from previous releases of TCAM. The 3705 does not checkpoint the total TCAM 5E environment. It checkpoints records that correspond to incident records in TCAM 5E and that reflect a partial change in the 3705 system.
- Online Test Facilities for the 3705 in NCP mode: The TCAM 5E Telecommunications Online Test Executive (TOTE) supports the 3705 online tests (OLTs). The 3705 OLTs test the 3705 subchannel, the 3705 itself, and devices attached to the 3705.
- Operator Control Facility: The TCAM 5E operator control facility allows a user to examine and alter the 3705 NCP telecommunications network. The method of formatting and entering operator control commands remains the same.
- Switch communication lines between 3705s: TCAM 5E permits switching communication lines from a 3705 in NCP mode to a backup 3705 without closing TCAM 5E. The backup 3705 is automatically IPLed.
- Switch 3705 between CPUs: TCAM 5E permits switching a 3705 in NCP mode from one CPU to a backup CPU. If TCAM 5E is running in the backup CPU, the 3705 is automatically IPLed.

Publications Support: For more information, please see the following publications:

OS TCAM Programmer's Guide, GC30-2024.

OS TCAM Level 5 Component Release Guide, GC30-1007.

OS TCAM Logic, GY30-2029.

OS TCAM Concepts and Facilities, GC30-2022.

OS TSO Control Program Logic, GY28-7199.

OS TSO Command Language Reference, GC28-6732.

OS TSO Guide, GC28-6698.

OS TSO Terminals, GC28-6762 with TNL GN30-3013.

OS TSO Terminal User's Guide, GC28-6763 with TNL GN28-2555.

Introduction to the IBM 3704 and 3705 Communications Controllers, GA27-3501.

OS System Generation, GC28-6554.

#### 3803 and 3420 Magnetic Tape Subsystem Support

The IBM 3803 Model 2 and IBM 3420 Models 4, 6, and 8 Magnetic Tape Subsystem Support in this release is identical to the currently available component release. The programming support for these devices is now part of the operating system.

Publication Support: For more information, please see the following publications:

IBM 3803/3420 Customer Conversion Guide, GA32-0023.

OS System Generation, GC28-6554.



## SECTION 2: PLANNING FOR SYSTEM GENERATION

This section describes considerations for generating the system in this release. For the complete information on generating your system, see IBM System/360 Operating System: System Generation, GC28-6554.

### IPLing the Starter System

When using the Release 21.8 starter system for generating your system, do a cold start; that is, you must format the job queue.



## SECTION 3: PROGRAMMING CONSIDERATIONS

This section describes considerations for programming under the operating system in this release.

TCAM (APAR 70325)

The FULLSCR macro has been incorporated to fix APAR 70325. The FULLSCR macro

- selectively prevents line and carriage counting on input at a 3270 Information Display System to prevent screen erasure and allow the use of formatted headings (Full Screen support).
- is optional in the INBUF subgroup of the TSO message handler. The FULLSCR macro should follow the CARRIAGE macro.
- may be coded more than once in the TSO MH and selectively executed by use of the PATH macro and path switching.
- should be used in conjunction with the Full Screen support provided by the FULLSCR= operand on the TPUT macro. (See the Guide to Writing a Terminal Monitor Program or Command Processor, GC28-6764.)

To use the FULLSCR macro, include a one-byte hexadecimal option field, IEDQFSCR, in the terminal table by coding IEDQFSCR OPTION XL1 in the terminal table. To initialize the field to 0, code the OPDATA= operand on the TERMINAL macro for each 3270 display terminal. This field should not be defined for any terminal type other than the 3270.

Note: The user is responsible for exiting from Full Screen mode before LOGOFF if he does not wish to be in this mode during the next LOGON.

Name	Operation	Operands
symbol	FULLSCR	$\left[ \begin{array}{l} \text{TRIGGER}=\left\{ \begin{array}{l} \text{X}'00' \\ \text{X}'6D' \\ \text{X}'FF' \\ \text{X}'nn' \end{array} \right\} \\ \text{,LCOUNT}=\left\{ \begin{array}{l} 00 \\ nn \end{array} \right\} \\ \text{,CARRIER}=\left\{ \begin{array}{l} 00 \\ nn \end{array} \right\} \end{array} \right]$

symbol

Function: Name of the macro.  
Default: None. Specification required if more than one FULLSCR macro is coded in the TSO/TCAM MCP.  
Format: Must be from 1 to 7 characters.

TRIGGER= $\left\{ \begin{array}{l} \text{X}'00' \\ \text{X}'6D' \\ \text{X}'FF' \\ \text{X}'nn' \end{array} \right\}$

Function: Specifies the character that, if found in the attention ID (AID) byte of the message from a 3270 screen device, will switch the screen mode. If the user is already in Full Screen mode, the trigger character will switch the 3270 to regular screen control. If the user is not in Full Screen mode, he will be switched to this mode.

Default: X'6D' -- the CLEAR key.

Format: This operand must be one byte, in hexadecimal form.

Notes: X'00' causes an unconditional exit from Full Screen mode regardless of the data in the message. X'FF' causes an unconditional entry into Full Screen mode, regardless of the data in the message.

The user is responsible for controlling execution when using the unconditional forms of the FULLSCR macro. This can be done with path switching or user code in the MH.

LCOUNT= $\left\{ \begin{array}{l} 00 \\ nn \end{array} \right\}$

Function: Specifies the value to which the TSO line count will be set when Full Screen mode is entered.

Default: LCOUNT=00

Format: Must be specified in decimal form. The valid range is 00 to 24.

CARRIER= $\left\{ \begin{array}{l} 00 \\ nn \end{array} \right\}$

Function: Specifies the value to which the TSO carriage count will be set when the Full Screen mode is entered.

Default: CARRIER=00

Format: Must be specified in decimal form. The valid range is 00 to 80.

FULLSCR Macro Return Codes (Register 15)

- X'00' Trigger found; Full Screen mode switched.
- X'04' Trigger not found; Full Screen mode not switched.
- X'08' Option field not found; OPDATA= must be coded for each terminal at which Full Screen mode is desired in order to initialize the IEDQFSCR option field.
- X'0C' Not a TSO message; Full Screen mode not applicable.



### Full Screen Support (Local and Remote)

TSO/TCAM Full Screen support allows the user to bypass normal screen line control in order to format the entire screen and then enter data within the format. The FULLSCR macro in the TSO Message Handler selectively prevents line and carriage counting on input while the associated TSO FULLSCR= operand on the TPUT macro performs the same function on output.

### Telecommunication Access Method Level 5E (TCAM 5E)

When installing TCAM 5E under Release 21.8, you must do the following:

- Reassemble the MCP
- Reassemble the MPPs that were not reassembled under TCAM Level 4 and use the following macro instructions:

ICHNG      ICOPY      QCOPY      TCHNG      TCOPY

### BTAM

#### DCB READYQ Option (APAR 57064)

A READYQ option has been added to the BTAM DCB macro instruction. This option specifies the action BTAM takes when polling an IBM 3270 local display station on a read-initial operation, if a 3270 that was previously not ready (off) becomes ready (turned on). The READYQ option specifies whether BTAM or a user-written routine will handle this situation. If the READYQ option is not coded, the user will not be notified when a 3270 local display station is turned on. For additional information, see OS/360 Basic Telecommunications Access Methods, GC30-2004-7, as updated by TNLS GN27-1420 and GN27-1425.

#### Channel Retry (APAR 68718)

When a local 3270 CCC or ICC error occurs, BTAM attempts a retry. Previously, all channel errors except CDCs were posted as permanent errors.

#### New RFT Format (APAR 70023)

The four-byte address of the BSC3-3270 request-for-test has been changed. The format is MMDD where MM is the two-byte hexadecimal control unit selection address, and DD is the two-byte hexadecimal device address. For example, enter 61C1 as the hexadecimal address for EBCDIC control unit 1, device 1.



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# PART 2: MAINTENANCE ACTIVITY

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Part 2 describes the system maintenance activity included in this release; it has two sections:

1. APAR Lists
2. Program Temporary Fixes (PTFs) Resolved

Some APARs and PTFs may have been resolved after this publication went to press. These additional APARs and PTFs are published in the Programming Systems Memos (PSMs). PSMs can be ordered through the System Library Subscription Service (SLSS) explained in Part 4 of this Release Guide.



# SECTION 1: APAR LISTS

The following contains two lists of APARs:

- APARs fixed in this release.
- APARs fixed in previous releases but not identified in the Release Guides for those releases.

OS39695	OS58449	OS60496	OS61354	OS61771	OS62421	OS62771	OS63060	OS63409	OS63702
OS39697	OS58453	OS60511	OS61399	OS61772	OS62426	OS62772	OS63065	OS63421	OS63704
OS39698	OS58458	OS60516	OS61411	OS61773	OS62451	OS62778	OS63082	OS63424	OS63705
OS41600	OS58727	OS60571	OS61412	OS61774	OS62460	OS62781	OS63088	OS63433	OS63707
OS41615	OS58867	OS60574	OS61416	OS61775	OS62466	OS62787	OS63092	OS63438	OS63710
OS41618	OS58984	OS60578	OS61432	OS61779	OS62469	OS62795	OS63104	OS63444	OS63712
OS52515	OS58991	OS60580	OS61436	OS61780	OS62472	OS62797	OS63105	OS63446	OS63714
OS52820	OS59034	OS60581	OS61438	OS61781	OS62473	OS62804	OS63107	OS63448	OS63718
OS52844	OS59071	OS60586	OS61443	OS61786	OS62476	OS62806	OS63113	OS63452	OS63730
OS52854	OS59082	OS60587	OS61448	OS61787	OS62479	OS62814	OS63114	OS63458	OS63735
OS52857	OS59163	OS60597	OS61450	OS61791	OS62484	OS62823	OS63120	OS63460	OS63742
OS52860	OS59179	OS60608	OS61455	OS61794	OS62498	OS62833	OS63122	OS63468	OS63745
OS52947	OS59199	OS60622	OS61467	OS61800	OS62501	OS62837	OS63123	OS63472	OS63747
OS53021	OS59324	OS60647	OS61471	OS61803	OS62530	OS62862	OS63146	OS63478	OS63754
OS54005	OS59517	OS60660	OS61477	OS61811	OS62541	OS62863	OS63162	OS63481	OS63762
OS54124	OS59522	OS60720	OS61484	OS61819	OS62556	OS62875	OS63163	OS63483	OS63768
OS54793	OS59526	OS60721	OS61491	OS61821	OS62565	OS62876	OS63166	OS63485	OS63786
OS54839	OS59588	OS60740	OS61492	OS61822	OS62571	OS62896	OS63237	OS63491	OS63814
OS54852	OS59714	OS60754	OS61497	OS61823	OS62572	OS62903	OS63238	OS63492	OS63817
OS54915	OS59778	OS60756	OS61504	OS61827	OS62583	OS62905	OS63243	OS63493	OS63819
OS55142	OS59781	OS60797	OS61512	OS61849	OS62584	OS62915	OS63244	OS63494	OS63822
OS55145	OS59803	OS60802	OS61513	OS61861	OS62586	OS62949	OS63251	OS63495	OS63823
OS55146	OS59826	OS60815	OS61515	OS61871	OS62588	OS62950	OS63253	OS63496	OS63824
OS55150	OS59864	OS60866	OS61533	OS61877	OS62594	OS62953	OS63255	OS63498	OS63871
OS55686	OS59983	OS60936	OS61534	OS61901	OS62595	OS62959	OS63262	OS63499	OS63875
OS55936	OS59992	OS60947	OS61537	OS61924	OS62596	OS62965	OS63263	OS63528	OS63882
OS56073	OS60006	OS60976	OS61543	OS61925	OS62598	OS62970	OS63266	OS63529	OS63884
OS56295	OS60010	OS60987	OS61544	OS61942	OS62603	OS62971	OS63267	OS63543	OS63886
OS56815	OS60016	OS60988	OS61549	OS61944	OS62605	OS62975	OS63269	OS63546	OS63900
OS56854	OS60026	OS60989	OS61584	OS61998	OS62611	OS62976	OS63270	OS63554	OS63901
OS56859	OS60033	OS61025	OS61594	OS62119	OS62612	OS62984	OS63280	OS63555	OS63912
OS56860	OS60037	OS61045	OS61601	OS62249	OS62613	OS62987	OS63283	OS63558	OS63917
OS56980	OS60039	OS61048	OS61609	OS62258	OS62615	OS62991	OS63285	OS63559	OS63926
OS57064	OS60048	OS61057	OS61635	OS62272	OS62625	OS62992	OS63287	OS63563	OS63933
OS57354	OS60059	OS61063	OS61648	OS62289	OS62627	OS62994	OS63289	OS63565	OS63948
OS57395	OS60061	OS61064	OS61656	OS62315	OS62629	OS62995	OS63303	OS63568	OS63953
OS57430	OS60063	OS61065	OS61664	OS62329	OS62630	OS62998	OS63304	OS63569	OS63954
OS57444	OS60065	OS61067	OS61671	OS62341	OS62641	OS62999	OS63306	OS63573	OS63957
OS57452	OS60069	OS61075	OS61674	OS62343	OS62645	OS63000	OS63311	OS63580	OS63959
OS57455	OS60073	OS61080	OS61710	OS62344	OS62652	OS63002	OS63312	OS63593	OS63960
OS57465	OS60079	OS61085	OS61711	OS62353	OS62660	OS63006	OS63313	OS63595	OS63961
OS57480	OS60211	OS61089	OS61713	OS62357	OS62661	OS63007	OS63319	OS63596	OS63962
OS57592	OS60237	OS61094	OS61724	OS62364	OS62667	OS63008	OS63320	OS63603	OS63974
OS57703	OS60261	OS61096	OS61738	OS62368	OS62670	OS63009	OS63321	OS63614	OS63983
OS57736	OS60304	OS61103	OS61739	OS62376	OS62681	OS63010	OS63329	OS63617	OS63985
OS57755	OS60306	OS61117	OS61743	OS62379	OS62682	OS63011	OS63333	OS63623	OS63987
OS57767	OS60309	OS61162	OS61747	OS62380	OS62685	OS63017	OS63344	OS63640	OS63993
OS57768	OS60322	OS61178	OS61750	OS62383	OS62695	OS63024	OS63345	OS63642	OS63999
OS57945	OS60325	OS61200	OS61758	OS62385	OS62702	OS63026	OS63349	OS63654	OS64000
OS58043	OS60330	OS61203	OS61759	OS62387	OS62713	OS63027	OS63369	OS63659	OS64009
OS58109	OS60331	OS61212	OS61764	OS62394	OS62726	OS63031	OS63370	OS63662	OS64010
OS58376	OS60343	OS61237	OS61765	OS62396	OS62740	OS63037	OS63375	OS63668	OS64011
OS58406	OS60344	OS61284	OS61767	OS62397	OS62741	OS63045	OS63381	OS63685	OS64025
OS58440	OS60350	OS61288	OS61768	OS62401	OS62752	OS63050	OS63395	OS63696	OS64030
OS58448	OS60415	OS61313	OS61769	OS62408	OS62759	OS63059	OS63399	OS63700	OS64031

OS64035	OS 64329	OS64507	OS 64792	OS65068	OS65372	OS65621	OS65966	OS66304	OS66501
OS64036	OS64333	OS64508	OS64802	OS65081	OS65374	OS65622	OS65968	OS66308	OS66507
OS64038	OS64339	OS64510	OS64806	OS65083	OS65375	OS65623	OS65974	OS66312	OS66512
OS64039	OS64341	OS64512	OS64812	OS65084	OS65376	OS65625	OS65978	OS66314	OS66514
OS64040	OS64343	OS64514	OS64817	OS65087	OS65379	OS65627	OS65979	OS66330	OS66517
OS64043	OS64344	OS64517	OS64833	OS65088	OS65381	OS65663	OS65982	OS66335	OS66528
OS64053	OS64345	OS64518	OS64839	OS65093	OS65385	OS65666	OS65983	OS66340	OS66529
OS64058	OS64347	OS64519	OS64845	OS65099	OS65387	OS65667	OS65984	OS66354	OS66537
OS64062	OS64350	OS64520	OS64848	OS65101	OS65388	OS65677	OS65985	OS66358	OS66538
OS64074	OS64353	OS64521	OS64849	OS65102	OS65389	OS65686	OS65986	OS66363	OS66542
OS64077	OS64355	OS64591	OS64851	OS65107	OS65392	OS65693	OS65989	OS66366	OS66545
OS64079	OS64357	OS64593	OS64868	OS65108	OS65395	OS65700	OS65990	OS66372	OS66546
OS64081	OS64363	OS64601	OS64870	OS65109	OS65396	OS65706	OS65991	OS66382	OS66553
OS64085	OS64364	OS64611	OS64875	OS65111	OS65397	OS65713	OS65999	OS66383	OS66555
OS64086	OS64367	OS64612	OS64876	OS65115	OS65412	OS65714	OS66003	OS66385	OS66560
OS64126	OS64378	OS64626	OS64879	OS65119	OS65415	OS65721	OS66008	OS66390	OS66569
OS64128	OS64380	OS64627	OS64880	OS65120	OS65419	OS65730	OS66011	OS66393	OS66570
OS64131	OS64386	OS64632	OS64892	OS65124	OS65426	OS65737	OS66018	OS66397	OS66572
OS64143	OS64388	OS64636	OS64900	OS65129	OS65428	OS65738	OS66020	OS66398	OS66573
OS64149	OS64391	OS64637	OS64906	OS65130	OS65440	OS65741	OS66021	OS66401	OS66577
OS64150	OS64397	OS64640	OS64911	OS65131	OS65442	OS65744	OS66024	OS66406	OS66579
OS64151	OS64401	OS64643	OS64913	OS65143	OS65449	OS65746	OS66030	OS66407	OS66580
OS64153	OS64403	OS64648	OS64914	OS65145	OS65454	OS65769	OS66035	OS66408	OS66581
OS64158	OS64405	OS64652	OS64919	OS65150	OS65457	OS65770	OS66036	OS66409	OS66582
OS64159	OS64409	OS64655	OS64921	OS65157	OS65458	OS65772	OS66044	OS66410	OS66587
OS64160	OS64414	OS64662	OS64932	OS65161	OS65462	OS65775	OS66045	OS66412	OS66590
OS64161	OS64417	OS64663	OS64950	OS65162	OS65463	OS65796	OS66053	OS66416	OS66591
OS64166	OS64418	OS64671	OS64957	OS65173	OS65470	OS65803	OS66054	OS66418	OS66593
OS64171	OS64425	OS64676	OS64963	OS65177	OS65474	OS65804	OS66059	OS66419	OS66594
OS64173	OS64430	OS64687	OS64965	OS65180	OS65481	OS65806	OS66060	OS66425	OS66598
OS64182	OS64431	OS64688	OS64968	OS65183	OS65490	OS65812	OS66067	OS66429	OS66604
OS64191	OS64432	OS64692	OS64969	OS65186	OS65494	OS65815	OS66074	OS66434	OS66605
OS64192	OS64434	OS64702	OS64971	OS65189	OS65496	OS65825	OS66075	OS66441	OS66611
OS64194	OS64437	OS64709	OS64994	OS65190	OS65498	OS65829	OS66087	OS66442	OS66613
OS64203	OS64449	OS64710	OS64996	OS65196	OS65501	OS65833	OS66090	OS66452	OS66616
OS64212	OS64458	OS64712	OS64998	OS65197	OS65511	OS65836	OS66102	OS66454	OS66617
OS64219	OS64459	OS64766	OS65000	OS65198	OS65513	OS65839	OS66104	OS66461	OS66618
OS64222	OS64466	OS64769	OS65004	OS65200	OS65514	OS65840	OS66109	OS66463	OS66619
OS64227	OS64467	OS64770	OS65007	OS65206	OS65517	OS65862	OS66111	OS66464	OS66621
OS64237	OS64469	OS64771	OS65011	OS65210	OS65521	OS65865	OS66120	OS66465	OS66626
OS64241	OS64471	OS64772	OS65015	OS65215	OS65531	OS65874	OS66186	OS66466	OS66632
OS64252	OS64472	OS64775	OS65016	OS65224	OS65538	OS65901	OS66188	OS66467	OS66639
OS64253	OS64475	OS64777	OS65017	OS65229	OS65545	OS65902	OS66200	OS66468	OS66648
OS64258	OS64479	OS64778	OS65018	OS65237	OS65546	OS65903	OS66202	OS66469	OS66649
OS64266	OS64481	OS64779	OS65020	OS65247	OS65558	OS65906	OS66208	OS66470	OS66650
OS64274	OS64483	OS64780	OS65024	OS65254	OS65559	OS65910	OS66224	OS66472	OS66651
OS64283	OS64485	OS64782	OS65028	OS65276	OS65560	OS65917	OS66229	OS66473	OS66653
OS64285	OS64488	OS64784	OS65032	OS65280	OS65578	OS65918	OS66242	OS66475	OS66665
OS64287	OS64491	OS64785	OS65041	OS65288	OS65586	OS65923	OS66259	OS66477	OS66681
OS64305	OS64500	OS64786	OS65046	OS65293	OS65613	OS65931	OS66277	OS66478	OS66686
OS64310	OS64501	OS64787	OS65051	OS65298	OS65614	OS65933	OS66286	OS66480	OS66687
OS64316	OS64502	OS64788	OS65059	OS65341	OS65615	OS65937	OS66287	OS66484	OS66688
OS64317	OS64503	OS64789	OS65061	OS65350	OS65618	OS65948	OS66297	OS66488	OS66689
OS64319	OS64504	OS64790	OS65064	OS65357	OS65619	OS65954	OS66299	OS66491	OS66693
OS64323	OS64506	OS64791	OS65066	OS65359	OS65620	OS65964	OS66301	OS66492	OS66694

OS66699	OS66977	OS67326	OS67550	OS67816	OS68077	OS68270	OS68411	OS68546	OS68763
OS66700	OS66978	OS67328	OS67560	OS67817	OS68080	OS68271	OS68416	OS68549	OS68764
OS66708	OS66980	OS67332	OS67565	OS67819	OS68084	OS68272	OS68418	OS68552	OS68775
OS66710	OS66990	OS67340	OS67566	OS67833	OS68089	OS68273	OS68439	OS68556	OS68796
OS66734	OS66991	OS67341	OS67567	OS67834	OS68099	OS68274	OS68452	OS68562	OS68804
OS66735	OS67009	OS67343	OS67568	OS67840	OS68104	OS68275	OS68454	OS68563	OS68814
OS66736	OS67010	OS67354	OS67573	OS67848	OS68118	OS68276	OS68455	OS68564	OS68815
OS66738	OS67011	OS67355	OS67574	OS67849	OS68120	OS68277	OS68456	OS68568	OS68816
OS66739	OS67024	OS67368	OS67575	OS67856	OS68131	OS68278	OS68457	OS68579	OS68819
OS66740	OS67031	OS67377	OS67576	OS67860	OS68142	OS68279	OS68458	OS68587	OS68822
OS66741	OS67032	OS67380	OS67579	OS67866	OS68146	OS68280	OS68459	OS68598	OS68823
OS66746	OS67038	OS67387	OS67596	OS67868	OS68152	OS68281	OS68460	OS68605	OS68834
OS66747	OS67039	OS67395	OS67597	OS67878	OS68154	OS68282	OS68461	OS68606	OS68835
OS66748	OS67042	OS67403	OS67599	OS67879	OS68159	OS68284	OS68462	OS68608	OS68844
OS66749	OS67049	OS67420	OS67600	OS67880	OS68161	OS68285	OS68463	OS68615	OS68845
OS66753	OS67053	OS67421	OS67601	OS67885	OS68162	OS68286	OS68464	OS68623	OS68848
OS66755	OS67068	OS67422	OS67607	OS67887	OS68164	OS68287	OS68465	OS68643	OS68897
OS66756	OS67073	OS67423	OS67608	OS67891	OS68168	OS68288	OS68466	OS68661	OS68901
OS66758	OS67078	OS67427	OS67613	OS67894	OS68169	OS68289	OS68467	OS68666	OS68902
OS66760	OS67086	OS67431	OS67614	OS67905	OS68170	OS68290	OS68468	OS68667	OS68904
OS66764	OS67099	OS67438	OS67630	OS67911	OS68176	OS68291	OS68469	OS68675	OS68911
OS66776	OS67100	OS67443	OS67633	OS67916	OS68181	OS68292	OS68470	OS68676	OS68914
OS66780	OS67102	OS67446	OS67642	OS67931	OS68188	OS68293	OS68471	OS68678	OS68917
OS66784	OS67103	OS67449	OS67644	OS67934	OS68189	OS68294	OS68472	OS68683	OS68925
OS66785	OS67104	OS67452	OS67648	OS67939	OS68191	OS68295	OS68474	OS68697	OS68944
OS66787	OS67105	OS67455	OS67658	OS67949	OS68192	OS68296	OS68475	OS68698	OS68948
OS66791	OS67120	OS67456	OS67659	OS67959	OS68193	OS68297	OS68476	OS68701	OS68958
OS66792	OS67131	OS67461	OS67704	OS67965	OS68205	OS68298	OS68478	OS68702	OS68961
OS66794	OS67139	OS67467	OS67706	OS67967	OS68210	OS68299	OS68480	OS68703	OS68962
OS66798	OS67150	OS67470	OS67707	OS67968	OS68213	OS68300	OS68482	OS68709	OS68963
OS66850	OS67152	OS67471	OS67714	OS67970	OS68216	OS68301	OS68483	OS68713	OS68964
OS66852	OS67153	OS67476	OS67717	OS67974	OS68227	OS68306	OS68484	OS68718	OS68965
OS66862	OS67157	OS67480	OS67721	OS67986	OS68228	OS68307	OS68485	OS68720	OS68966
OS66869	OS67159	OS67484	OS67727	OS67994	OS68236	OS68309	OS68486	OS68724	OS68967
OS66872	OS67166	OS67485	OS67728	OS67997	OS68242	OS68312	OS68489	OS68725	OS68968
OS66881	OS67174	OS67486	OS67730	OS67998	OS68245	OS68315	OS68490	OS68730	OS68969
OS66884	OS67175	OS67489	OS67733	OS68001	OS68248	OS68317	OS68491	OS68731	OS68970
OS66885	OS67176	OS67491	OS67736	OS68003	OS68252	OS68329	OS68492	OS68735	OS68971
OS66888	OS67177	OS67494	OS67737	OS68007	OS68253	OS68336	OS68493	OS68737	OS68972
OS66891	OS67187	OS67496	OS67739	OS68011	OS68254	OS68340	OS68494	OS68738	OS68973
OS66892	OS67188	OS67501	OS67744	OS68020	OS68255	OS68347	OS68495	OS68739	OS68974
OS66896	OS67189	OS67502	OS67748	OS68024	OS68256	OS68355	OS68497	OS68740	OS68975
OS66897	OS67190	OS67504	OS67755	OS68025	OS68257	OS68359	OS68498	OS68743	OS68976
OS66910	OS67198	OS67511	OS67757	OS68026	OS68258	OS68367	OS68499	OS68744	OS68977
OS66918	OS67199	OS67512	OS67759	OS68030	OS68259	OS68374	OS68500	OS68745	OS68978
OS66920	OS67201	OS67514	OS67767	OS68031	OS68260	OS68377	OS68501	OS68746	OS68979
OS66921	OS67202	OS67515	OS67769	OS68035	OS68261	OS68379	OS68508	OS68747	OS68981
OS66922	OS67203	OS67524	OS67770	OS68037	OS68262	OS68380	OS68512	OS68748	OS69018
OS66937	OS67205	OS67529	OS67771	OS68050	OS68263	OS68384	OS68520	OS68749	OS69019
OS66943	OS67214	OS67531	OS67772	OS68051	OS68264	OS68387	OS68526	OS68750	OS69023
OS66946	OS67221	OS67533	OS67777	OS68053	OS68265	OS68388	OS68527	OS68751	OS69024
OS66950	OS67274	OS67537	OS67792	OS68056	OS68266	OS68390	OS68531	OS68752	OS69030
OS66963	OS67277	OS67544	OS67801	OS68061	OS68267	OS68396	OS68533	OS68753	OS69031
OS66970	OS67323	OS67546	OS67803	OS68063	OS68268	OS68403	OS68539	OS68754	OS69032
OS66973	OS67325	OS67548	OS67806	OS68070	OS68269	OS68410	OS68543	OS68758	OS69040



OS69042	OS69220	CS69517	OS69869	CS70028	OS70391	CS70775
OS69045	OS69221	OS69520	OS69874	OS70031	OS70396	OS70785
OS69049	OS69223	OS69527	OS69879	OS70033	OS70399	OS70793
OS69062	OS69225	OS69528	CS69885	OS70035	CS70404	OS70829
OS69063	OS69232	OS69529	OS69888	OS70039	OS70405	OS70834
OS69069	OS69255	OS69533	CS69892	OS70044	CS70409	OS70836
OS69074	OS69259	OS69540	OS69893	OS70060	OS70414	OS70874
OS69086	OS69261	OS69542	CS69894	OS70078	OS70417	OS70876
OS69087	OS69275	OS69545	OS69895	OS70115	OS70424	CS70887
OS69090	OS69280	OS69575	OS69896	OS70124	OS70433	OS70889
OS69091	OS69284	OS69578	OS69898	OS70129	OS70434	CS70951
OS69092	OS69285	OS69618	OS69899	OS70140	OS70439	OS70952
OS69093	OS69288	OS69621	OS69900	CS70144	CS70440	OS70968
OS69101	OS69292	OS69626	OS69901	OS70145	OS70444	OS71001
OS69117	OS69293	OS69627	OS69902	OS70148	CS70451	OS71022
OS69123	OS69296	OS69629	OS69903	OS70174	OS70516	OS71221
OS69128	OS69300	OS69635	OS69904	OS70175	OS70529	CS71274
OS69130	OS69301	OS69637	CS69906	OS70176	OS70530	OS71293
OS69131	OS69303	OS69638	OS69918	CS70178	OS70533	OS71329
OS69138	OS69304	OS69640	OS69920	OS70179	OS70534	OS71344
CS69146	OS69307	OS69644	OS69921	CS70180	OS70536	OS71362
OS69149	CS69319	OS69649	OS69924	OS70181	OS70538	OS71384
OS69157	OS69324	OS69651	OS69925	CS70182	CS70539	OS71457
OS69162	OS69325	OS69652	OS69926	OS70190	OS70542	OS71537
OS69163	OS69327	OS69658	OS69928	OS70192	CS70545	OS71545
OS69164	CS69344	OS69659	OS69945	OS70195	OS70546	OS71606
OS69165	OS69365	OS69682	OS69952	OS70210	OS70547	OS71613
OS69166	CS69366	OS69690	OS69964	OS70211	OS70557	OS71669
OS69167	OS69369	OS69700	OS69965	OS70222	OS70563	CS71703
OS69169	CS69379	OS69702	OS69968	OS70224	OS70572	OS72290
OS69170	OS69380	CS69709	OS69971	CS70225	OS70577	OS72293
OS69171	CS69385	OS69719	OS69973	OS70226	OS70582	
OS69173	OS69389	OS69723	OS69974	CS70247	CS70585	
OS69175	CS69392	OS69733	CS69976	OS70252	OS70603	Total = 2012
OS69176	OS69404	OS69750	OS69977	CS70256	CS70609	
OS69181	CS69408	OS69755	OS69978	OS70257	OS70617	
CS69182	OS69410	OS69761	OS69979	OS70259	OS70631	
OS69184	CS69414	OS69763	CS69981	OS70263	OS70632	
CS69185	OS69415	OS69773	OS69982	OS70265	OS70633	
OS69186	OS69423	OS69783	OS69983	OS70268	OS70634	
OS69187	OS69424	OS69784	OS69984	CS70270	CS70635	
OS69188	OS69425	OS69785	CS69985	OS70272	OS70636	
OS69190	OS69431	OS69786	OS69987	CS70277	OS70637	
OS69191	CS69433	OS69790	OS69988	OS70283	OS70638	
OS69196	OS69446	OS69800	OS69989	OS70291	OS70639	
OS69197	CS69451	OS69817	CS70001	OS70307	OS70647	
OS69198	OS69469	OS69825	OS70004	OS70310	CS70658	
OS69199	CS69475	OS69828	OS70008	OS70313	OS70661	
CS69201	OS69478	CS69838	OS70009	CS70316	CS70665	
OS69202	CS69479	OS69839	OS70010	OS70320	OS70674	
OS69203	OS69490	OS69847	OS70011	OS70323	CS70677	
OS69204	CS69503	OS69852	OS70020	OS70325	OS70682	
OS69205	OS69505	CS69853	OS70022	CS70357	OS70716	
OS69206	CS69507	OS69858	CS70023	OS70362	OS70717	
CS69208	OS69514	OS69859	OS70024	OS70384	OS70761	
					OS70773	

APARs Corrected in  
Previous Releases

OS55612  
OS59176  
OS60314  
OS61426  
OS62422



## SECTION 2: PROGRAM TEMPORARY FIXES RESOLVED

The following Program Temporary Fixes (PTFs) have been resolved and incorporated into the operating system with this release.

PTFs RESOLVED IN RELEASE 21.8

<u>PTF Number</u>	<u>Component</u>	<u>PTF Number</u>	<u>Component</u>	<u>PTF Number</u>	<u>Component</u>	<u>PTF Number</u>	<u>Component</u>
US01528	360S-CQ513	US03209	360S-D3554	US03638	360S-DN539	US04167	360S-U2506
US01950	360S-U3506	US03227	360S-CI548	US03653	360S-CB505	US04181	360S-D2508
US02344	360S-DM509	US03230	360S-C4505	US03662	360S-IO526	US04205	360S-D4508
US02374	360S-DM509	US03232	360S-D2508	US03680	360S-D1508	US04228	360S-AS037
US02384	360S-CQ513	US03240	360S-C3505	US03693	360S-DN527	US04242	360S-IO526
US02492	360S-UK506	US03241	360S-CQ519	US03713	360S-C9505	US04260	360S-CQ513
US02547	360S-C2548	US03251	360S-CQ519	US03714	360S-C5505	US04290	360S-D4508
US02548	360S-CK555	US03266	360S-C1548	US03719	360S-CQ548	US04291	360S-RC551
US02605	360S-D2508	US03273	360S-CB505	US03725	360S-DN539	US04301	360S-D1508
US02619	360S-C3505	US03280	360S-CQ548	US03729	360S-D1508	US04305	360S-C1548
US02620	360S-C3505	US03286	360S-U3507	US03737	360S-CQ513	US04312	360S-C2535
US02639	360S-C1548	US03287	360S-D2508	US03748	360S-C2505	US04321	360S-ED521
US02640	360S-D2508	US03291	360S-DN539	US03751	360S-C5505	US04327	360S-CQ513
US02642	360S-CL555	US03315	360S-CQ548	US03752	360S-UL506	US04328	360S-D1508
US02692	360S-LD547	US03322	360S-CK555	US03753	360S-C5505	US04362	360S-CC505
US02768	360S-C3505	US03325	360S-C5505	US03754	360S-C5505	US04376	360S-DM509
US02778	360S-DN539	US03335	360S-CB535	US03755	360S-C5505	US04403	360S-UK506
US02790	360S-C7535	US03345	360S-CC505	US03756	360S-C5505	US04411	360S-C2535
US02842	360S-D2508	US03369	360S-CC505	US03757	360S-C5535	US04419	360S-U1506
US02866	360S-D2508	US03382	360S-D3554	US03758	360S-C5505	US04438	360S-D3508
US02871	360S-IO523	US03386	360S-CQ513	US03759	360S-C5505	US04463	360S-IO526
US02895	360S-CQ513	US03395	360S-D2508	US03760	360S-C5535	US04464	360S-C9505
US02912	360S-D4508	US03410	360S-DN539	US03761	360S-C5505	US04465	360S-D7508
US02913	360S-CQ563	US03424	360S-C2548	US03762	360S-C5505	US04472	360S-ED521
US02915	360S-DN539	US03429	360S-DM509	US03763	360S-C5505	US04501	360S-U2506
US02921	360S-D2508	US03430	360S-UK506	US03764	360S-C5555	US04503	360S-U7506
US02930	360S-U2506	US03434	360S-D4508	US03766	360S-C5505	US04505	360S-U8506
US02938	360S-D2508	US03442	360S-D1508	US04002	360S-DN539	US04540	360S-C2535
US02952	360S-LM501	US03445	360S-U2506	US04027	360S-D1508	US04541	360S-C2505
US02961	360S-IO526	US03452	360S-D1554	US04030	360S-D4508	US04550	360S-C3505
US02968	360S-C6535	US03455	360S-D2508	US04036	360S-CK555	US04576	360S-U3506
US02975	360S-C1548	US03464	360S-U5506	US04038	360S-U1506	US04590	360S-DN527
US03037	360S-C4505	US03465	360S-C2535	US04044	360S-D2508	US04606	360S-D2508
US03038	360S-DN539	US03469	360S-C2505	US04056	360S-DN539	US04625	360S-CQ513
US03045	360S-RC551	US03475	360S-CG535	US04081	360S-NL511	US04626	360S-CQ513
US03048	360S-DN508	US03477	360S-D4508	US04084	360S-CQ513	US04627	360S-D2508
US03053	360S-NL511	US03526	360S-RC551	US04086	360S-C2505	US04653	360S-D2554
US03055	360S-D1508	US03537	360S-AS037	US04091	360S-ED521	US04663	360S-C2505
US03056	360S-CQ513	US03544	360S-CA505	US04094	360S-U3506	US04714	360S-C2535
US03057	360S-CQ513	US03561	360S-CQ548	US04100	360S-DN539	US04715	360S-DN527
US03081	360S-CQ548	US03562	360S-CP535	US04116	360S-D1508	US04738	360S-C2505
US03082	360S-DN539	US03564	360S-D2508	US04118	360S-D1508	US04756	360S-AS037
US03089	360S-D8554	US03565	360S-U3506	US04119	360S-CQ513	US04765	360S-C1548
US03092	360S-D3508	US03566	360S-D6508	US04120	360S-C2535	US04770	360S-C2535
US03110	360S-D2508	US03567	360S-D4508	US04127	360S-C1548	US04771	360S-C2505
US03116	360S-CQ513	US03581	360S-D2508	US04146	360S-D1508	US04775	360S-CQ548
US03138	360S-D1508	US03585	360S-C2505	US04148	360S-D4508	US04780	360S-U3506
US03157	360S-C2505	US03589	360S-D2508	US04151	360S-C2505	US04810	360S-DN611
US03168	360S-UK506	US03590	360S-ED521	US04152	360S-D1508	US04812	360S-DN527
US03189	360S-U1506	US03612	360S-U7506	US04162	360S-IO526	US04829	360S-DN554
US03205	360S-C1548	US03620	360S-C1548	US04165	360S-CK555	US05044	360S-IO526

Total = 204

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# PART 3: MODULE SUMMARY

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Part 3 has two sections:

1. Module Directory
2. Module Status



# SECTION 1: MODULE DIRECTORY

This section lists all libraries in the operating system with their respective modules.

## SYS1. AL531

ALGOL	IEX00	IEX10	IEX10000	IEX11
IEX11000	IEX20	IEX20000	IEX21	IEX21M
IEX21000	IEX30	IEX30000	IEX31	IEX31M
IEX31000	IEX40	IEX40000	IEX50	IEX50000
IEX51	IEX51ER1	IEX51ER2	IEX51M	IEX51000
IEX51002				

## SYS1. AS037

ASMBLR	IEUASM	IEUERR	IEUFD	IEUFI
IEUPPF	IEUF1	IEUF2	IEUF2A	IEUF3
IEUF3E	IEUF7C	IEUF7D	IEUF7E	IEUF7G
IEUF7I	IEUF7N	IEUF7V	IEUF7X	IEUF8A
IEUF8C	IEUF8D	IEUF8I	IEUF8L	IEUF8M
IEUF8N	IEUF8P	IEUF8S	IEUF8V	IEUMAC
IEURTA				

## SYS1. CB545

IKFCBL00	IKFCBL1B	IKFCBL10	IKFCBL20	IKFCBL30
IKFCBL40	IKFCBL50	IKFCBL51	IKFCBL6A	IKFCBL60
IKFCBL70				

## SYS1. CI505

IEAAAF00	IEAAAD0A	IEAAAD0B	IEAAAD0C	IEAAAD0D
IEAAAD0E	IEAAAD0F	IEAAAD0G	IEAAAD0H	IEAAAD0I
IEAAAD0J	IEAAAD0K	IEAAAD0M	IEAAAD0N	IEAAAD0P
IEAAAD0Y	IEAAAD0Z	IEAAAD00	IEAAAD01	IEAAAD02
IEAAAD03	IEAAAD04	IEAAAD05	IEAAAD06	IEAAAT00
IEAADEQ0	IEAADL00	IEAAEF00	IEAAENQ0	IEAAID00
IEAAJOBQ	IEAAPL00	IEAAPX00	IEAASPRG	IEAAST00
IEAASY00	IEAATM0A	IEAATM00	IEAATM01	IEAATM02
IEAATM03	IEAATM04	IEAATM05	IEAATM06	IEAATM08
IEAATM2A	IEAATM2B	IEAAXR00	IEABDL00	IEABXR00
IEACDL00	IEACTM0B	IEADDL00	IEADTM22	IEADTM23
IEADTM24	IEADTM25	IEAEDL00	IEAFDL00	IEAGAB00
IEAGDL00	IEAGED02	IEAGENQ1	IEAGENQ2	IEAGPL00
IEAHDLO0	IEAIAB00	IEAIDL00	IEAJAB00	IEAMAD00
IEAMSERB	IEANTM05	IEANAM00	IEANTM0A	IEANTM0B
IEANTM0C	IEANTM0D	IEANTM0E	IEANTM0F	IEANTM0G
IEANTM0H	IEANTM0J	IEANTM0M	IEANTM00	IEANTM01
IEANTM02	IEANTM03	IEANTM04	IEANTM05	IEANTM06
IEANTM07	IEANTM08	IEANTM09	IEAPATCH	IEAQCB01
IEAQMSG5	IEASTM11	IEASTM12	IEASTM13	IEASTM14
IEAXPALL	IEAXPDXR	IEAXPSIM	IEAXSVR8	IEAORT00
IEAORT01	IEAORT02	IEAORT10	IEAOST00	IEAOST01
IEAOTI00	IEAOTI01	IEAOTI02	IEAOTI03	IEAOTI04
IECINTRP	IECIOLTS	IECIPR1A	IECIPR1B	IECIPR12
IECTATTN	IECURATN	IEDNULL	IEDI303D	IEEBC1PE

## SYS1. CI505

## (CONTINUED)

IEEBR1PE	IEECIR01	IEECIR50	IEECIR51	IEECLCTX
IEECMCTR	IEECMC7X	IEECMD0F	IEECMDSV	IEECMOCP
IEECMPMC	IEECMPMP	IEECMPMX	IEECMPM1	IEECMWSV
IEECMWTL	IEECNCTX	IEECNDUM	IEECCCTX	IEEVCVRA
IEECVCRX	IEECVCTE	IEECVCTI	IEECVCTR	IEECVCTW
IEECVCTX	IEECVDOM	IEECVETA	IEECVETC	IEECVETD
IEECVETE	IEECVETF	IEECVETG	IEECVETH	IEECVETJ
IEECVETK	IEECVETP	IEECVETQ	IEECVETR	IEECVETU
IEECVETV	IEECVETW	IEECVETZ	IEECVET1	IEECVET2
IEECVET3	IEECVET4	IEECVET6	IEECVET7	IEECVET8
IEECVET9	IEECVFTA	IEECVFTB	IEECVFTD	IEECVFTG
IEECVFTL	IEECVFTM	IEECVFTN	IEECVFTO	IEECVFTP
IEECVFTQ	IEECVFTR	IEECVFTT	IEECVFTZ	IEECVFT1
IEECVFT2	IEECVGC1	IEECVML1	IEECVML2	IEECVML3
IEECVML4	IEECVML5	IEECVML6	IEECVML7	IEECVOCC
IEECVCCP	IEECVOCK	IEECVPMC	IEECVPM1	IEECVPMX
IEECVPM1	IEECKDOM	IEEDFINA	IEEDFINE	IEEDFINC
IEEDFINL	IEEDFIN2	IEEDFIN3	IEEDFIN4	IEEDFIN5
IEEDFIN6	IEEDFIN7	IEEDFIN8	IEEDFIN9	IEEGES01
IEEGK1GM	IEEICN01	IEEIC2NQ	IEEIC3JF	IEEILCDM
IEELOGWR	IEELOG02	IEEMCREP	IEEMCRFK	IEEMCR01
IEEMCS01	IEEMPWTO	IEEMXC01	IEEMXR01	IEENFWT0
IEEPSN	IEEQOT00	IEERADR	IEERS01	IEERSR01
IEESD561	IEESD562	IEESD563	IEESD564	IEESD565
IEESD566	IEESD568	IEESD571	IEESD575	IEESD576
IEESD577	IEESD578	IEESD579	IEESD580	IEESD581
IEESD582	IEESD583	IEESD584	IEESD590	IEESD591
IEESD592	IEESMPAL	IEESMPIC	IEESMPIT	IEESMPF2
IEESMFI3	IEESMFI4	IEESMFMS	IEESMFOI	IEESMFOI
IEESMFWR	IEESMPWT	IEESMF8C	IEESTART	IEEVACTL
IEEVICLR	IEEVJCL	IEEVLDSP	IEEVLIN	IEEVLNKT
IEEVLOUT	IEEVOMSG	IEEVPRES	IEEVRC	IEEVRCTL
IEEVRFRX	IEEVRJCL	IEEVSMA	IEEVSMDM	IEEVSMSG
IEEVSTAR	IEEVTCTL	IEEVTOR	IEEWRITR	IEEWTC00
IEEWTC01	IEEWTR00	IEEWTR01	IEEXEDNA	IEEZEXIT
IEE00110	IEE0303D	IEE0303F	IEE0403D	IEE0403F
IEE0503D	IEE0603D	IEE0703D	IEE0803D	IEE0903D
IEE1A03D	IEE1B03D	IEE10110	IEE1103D	IEE11110
IEE1203D	IEE12110	IEE1403D	IEE1603D	IEE20110
IEE2103D	IEE21110	IEE22110	IEE2303D	IEE23110
IEE2803D	IEE2903D	IEE3103D	IEE3303D	IEE3503D
IEE3903D	IEE40110	IEE4103D	IEE4203D	IEE4303D
IEE4403D	IEE4503D	IEE4603D	IEE4703D	IEE4803D
IEE4903D	IEE5403D	IEE5503D	IEE5603D	IEE5703D
IEE5903D	IEE60110	IEE6303D	IEE6403D	IEE6503D
IEE6603D	IEE6703D	IEE6803D	IEE6903D	IEE7103D
IEE7203D	IEE7303D	IEE7503D	IEE7603D	IEE7703D
IEE7803D	IEE7903D	IEE8503D	IEE8603D	IEEFACT
IEFACTFK	IEFACTLK	IEFACTRT	IEFACTCB	IEFAVFAK
IEFBRI4	IEFCNVRT	IEFCVFAK	IEFDFAK	IEFDPOST
IEFDSDRP	IEFDSOAL	IEFDSOCP	IEFDSOFB	IEFDSOSM
IEFDSOWR	IEFEFAK	IEFFFAK	IEFGMFAK	IEFHAFAK
IEFHAFK	IEFHBFK	IEFHCFK	IEFHCFK	IEFHEBFK



SYS1.CI505

(CONTINUED)

IEFHCFK	IEPHEFAK	IEFHFFAK	IEFHGFAP	IEFHHPAK
IEHHLFAK	IEFMFAK	IEFICR	IEFIDFAK	IEFIDMPM
IEFIDUMP	IEFINTQA	IEFJFAK	IEFKGDUM	IEFKRESA
IEFKRES E	IEFK1FAK	IEFK1MSG	IEFLCDDQ	IEFMCVOL
IEFORMAT	IEFPKG03	IEFPKGM	IEFPRES	IEFPRTXX
IEFQAGST	IEFQASGQ	IEFQBVM5	IEFQDELQ	IEFQINTZ
IEFQMDQQ	IEFQMDUM	IEFQMLK1	IEFQMNQQ	IEFQMRAW
IEFQMSSS	IEFQMUNQ	IEFQRES D	IEFRAPCP	IEFRCLN1
IEFRCLN2	IEFRDWR T	IEFRPREP	IEFRSIRT	IEFSCAN
IEFSDEPT	IEFSDTTE	IEFSDXXX	IEFSDXYZ	IEFSD002
IEFS006	IEFS007	IEFS008	IEFS010	IEFS012
IEFS055	IEFS059	IEFS070	IEFS078	IEFS079
IEFS080	IEFS081	IEFS082	IEFS083	IEFS084
IEFS085	IEFS086	IEFS087	IEFS088	IEFS089
IEFS090	IEFS094	IEFS095	IEFS096	IEFS097
IEFS105	IEFS167	IEFS168	IEFS171	IEFS195
IEFS21C	IEFS22Q	IEFS300	IEFS301	IEFS302
IEFS303	IEFS304	IEFS305	IEFS308	IEFS31Q
IEFS310	IEFS311	IEFS312	IEFS32Q	IEFS33Q
IEFS41C	IEFS42Q	IEFS447	IEFS510	IEFS511
IEFS512	IEFS513	IEFS514	IEFS515	IEFS516
IEFS517	IEFS518	IEFS519	IEFS530	IEFS531
IEFS532	IEFS533	IEFS534	IEFS535	IEFS536
IEFS537	IEFS540	IEFS541	IEFS551	IEFS552
IEFS553	IEFS554	IEFS555	IEFS556	IEFS557
IEFS558	IEFS559	IEFS567	IEFS572	IEFS584
IEFS585	IEFS586	IEFS587	IEFS588	IEFS589
IEFS597	IEFS598	IEFS599	IEFSEPAR	IEFSMFAT
IEFSMFIE	IEFSMFLK	IEFSMFWI	IEFSMR	IEFUJI
IEFUJV	IEFUSI	IEFUSO	IEFUTL	IEFVDA
IEFVDESD	IEFVDDUM	IEFVEA	IEFVFA	IEFVFE
IEFVGI	IEFVVK	IEFVGM	IEFVGMEP	IEFVGMSS
IEFVGM1	IEFVGM10	IEFVGM11	IEFVGM12	IEFVGM13
IEFVGM14	IEFVGM15	IEFVGM16	IEFVGM17	IEFVGM18
IEFVGM19	IEFVGM2	IEFVGM3	IEFVGM4	IEFVGM5
IEFVGM6	IEFVGM67	IEFVGM7	IEFVGM70	IEFVGM71
IEFVGM76	IEFVGM78	IEFVGM8	IEFVGM9	IEFVGS
IEFVGT	IEFVHA	IEFVHAA	IEFVHE	IEFVHC
IEFVHCB	IEFVHE	IEFVHEB	IEFVHEC	IEFVHF
IEFVHG	IEFVHGSS	IEFVHBB	IEFVHBB	IEFVHL
IEFVHM	IEFVHN	IEFVBQ	IEFVHRSS	IEFVH1
IEFVH2	IEFVINA	IEFVINB	IEFVINC	IEFVIND
IEFVINE	IEFVJA	IEFVJMP	IEFVJMSG	IEFVKIMP
IEFVKMSG	IEFVMAK	IEFVMLK5	IEFVML51	IEFVML56
IEFVMLS7	IEFVMS1	IEFVM2LS	IEFVM3LS	IEFVM4LS
IEFVM5LS	IEFVM76	IEFVRR	IEFVRR1	IEFVRR2
IEFVRR3	IEFVSDRA	IEFVSDRD	IEFVSD12	IEFVSD13
IEFVSMBR	IEFV15XL	IEFWAD	IEFWAFAP	IEFWA000
IEFWCFKA	IEFWCIMP	IEFWDFAP	IEFWD000	IEFWD001
IEFWEXTA	IEFWSMSG	IEFWSTR T	IEFWSWIN	IEFWSYP3
IEFWTERM	IEFWTP0A	IEFWTP00	IEFWTP01	IEFWTP02
IEFW31FK	IEFW31SD	IEFW41SD	IEFXAFAP	IEFXAMSG
IEFXCSSS	IEFXDPH	IEFXH000	IEFXJFAK	IEFXJIMP

SYS1.CI505

(CONTINUED)

IEFXJMSG	IEFXKFAK	IEFXKIMP	IEFXKMSG	IEFXMPCP
IEFXQ000	IEFXQ001	IEFXQ002	IEFXQ003	IEFXTDMY
IEFXTPAK	IEFXTMSG	IEFXT002	IEFXT003	IEFXT003
IEFXVFAK	IEFXVMSG	IEFXVNSL	IEFXV001	IEFXV002
IEFXV003	IEFX1FAK	IEFX2FAK	IEFX3FAK	IEFX300A
IEFX5FAK	IEFX5000	IEFYNFAK	IEFYNIMP	IEFYNMSG
IEFY PJB3	IEFY PMSG	IEFY SVMS	IEFYTVMS	IEFZAFAP
IEFZAJB3	IEFZGJB1	IEFZGMSG	IEFZGST1	IEFZGST2
IEFZHFAK	IEFZHMSG	IEF04FAK	IEF078SD	IEF079SD
IEF08FAK	IEF09FAK	IEF23FAK	IEF300SD	IEF304SD
IEF35DUM	IEF36FK1	IEF36FK2	IEF41DUM	IEF41FAK
IEF589SP	IEF7KGXX	IEF7KFX	IEF7K1XX	IEF7K2XX
IEF7K3XX	IEWFTBSL	IEWFTMIN	IEWFTPCI	IEWSUOVR
IEWSVOVR	IEWSXOVR	IEWSYCVR	IEZCCDE	IEZNCODE
IFASMPDP	IFBDCB00	IFBCE01	IFBDCB02	IFBSTAT
IFBSTAT0	IFBSTAT1	IFBSTAT2	IFCDIP00	IFFGRDUM
IGC0001G	IGC0003C	IGC0006A	IGC0007F	IGC0008H
IGC0008I	IGC0009A	IGC0103D	IGC0105I	IGC0109A
IGC0203D	IGC0305I	IGC116	IGC1303D	IGE0000A
IGE0000D	IGE0000E	IGE0000F	IGE0000G	IGE0000H
IGE0000I	IGE0001A	IGE0001C	IGE0002	IGE0002H
IGE0011A	IGE0011B	IGE0011C	IGE0011D	IGE0011E
IGE0025D	IGE0025E	IGE0025F	IGE0100F	IGE0100G
IGE0100I	IGE0101C	IGE0102H	IGE0125C	IGE0125E
IGE0125F	IGE0200I	IGE0225C	IGE0225E	IGE0300I
IGE0325C	IGE0400I	IGE0425C	IGE0625F	IGE0800I
IGX0900I	IGG019C5	IGX00015	IHJACP00	IHJACP01
IHJACP20	IHJACP25	IHJACP30	IHJACP50	IHJARS21
IHJARS00	IHJARS01	IHJARS20	IHJARS21	IHLGTF01
IHLGTF50	IHLGTF01	IHLGTF02	IHLGTF03	IHLINT21
IHLGTF11	IHLGTF12	IHLGTF13	IHLINT21	IHLINT22
IHLINT31	IHLINT32	IHLINT41	IHLNT43	IHLMC1HF
IHLRCOV	IHLRMSG	IHLRMON	IHLRMTA	IHLROUT
IHLSCAN1	IHLSCMSG	IHLSERV	IHLTAIR1	IHLTAIR2
IHLTAR2	IHLTAR3	IHLTAR4	IHLTAR5	IHLTAR6
IHLTCIR	IHLTCTL1	IHLTCTL2	IHLTDCB	IHLTERM
IHLTFIL	IHLTMG1	IHLTMG2	IHLTPED	IHLTPMT
IHLTSCN	IHLTSIO	IHLTSV1	IHLTSV2	IHLTSYSV
IHLTTAB	IHLTUSR	IHLT103	IHLWRAP	IHLWRTE
IKJNULL	MCONRESA	MCONRESB		

SYS1.CI535

IEAMP650	IEAQABMP	IEAQAB00	IEAQAD0A	IEAQAD0B
IEAQAD0C	IEAQAD0D	IEAQAD0E	IEAQAD0F	IEAQAD0G
IEAQAD0H	IEAQAD0I	IEAQAD0J	IEAQAD0K	IEAQAD0M
IEAQAD0N	IEAQAD0P	IEAQAD0Q	IEAQAD0R	IEAQAD0S
IEAQAD0Y	IEAQAD0Z	IEAQAD00	IEAQAD01	IEAQAD02
IEAQAD03	IEAQAD04	IEAQAD05	IEAQAD06	IEAQAD07
IEAQAD08	IEAQCB02	IEAQED02	IEAQENQ2	IEAQENQ3
IEAQID00	IEAQLK00	IEAQRAPG	IEAQRORI	IEAQRTPM
IEAQR T00	IEAQSETS	IEAQSTMP	IEAQST00	IEAQST01

## SYS1.CI535

(CONTINUED)

IEAQS50	IEAQTAMP	IEAQTBO0	IEAQTIMP	IEAQTIM1
IEAQT100	IEAQT101	IEAQT102	IEAQT103	IEAQTMOB
IEAQTMO C	IEAQTMO D	IEAQTMO F	IEAQTMO G	IEAQTMO L
IEAQTMO M	IEAQTMO N	IEAQTMO P	IEAQTMO R	IEAQTMO S
IEAQTMO T	IEAQTMO U	IEAQTMO V	IEAQTMO W	IEAQTMO 0
IEAQTMO1	IEAQTMO3	IEAQTMO4	IEAQTMO5	IEAQTMO7
IEAQTMO8	IEAQTMO9	IEAQTMO2K	IEAQR33	IEAXDS00
IECIPRMP	IECIPRMT	IECIPR16	IEEBASEC	IEECMED2
IEECMQR	IEECVCTB	IEECVED2	IEECVINT	IEELOG01
IEELWAIT	IEEMPCKR	IEEMPS00	IEEMPS03	IEEMPVCH
IEEMPVCP	IEEMPVSE	IEEMPVSN	IEEMVWTO	IEENVWTO
IEEPATR	IEEPDISC	IEEPPRES	IEEPRTN2	IEEPRW12
IEEVCRGN	IEEVDSPI	IEEVIC	IEEVICTL	IEEVLIN1
IEEVLIN3	IEEVMNT1	IEEVMNT2	IEEVMNT3	IEEVLIN1
IEE2203I	IEE30110	IEE31110	IEE32110	IEE3603D
IEE3703I	IEE3803D	IEE50110	IEE5103D	IEE5203D
IEE5303I	IEFDSLST	IEFDSOCR	IEFDSOLP	IEFDSSTBL
IEFDSIRT	IEFHFRK1	IEFHFRK2	IEFLIC	IEFIRC
IEFIRCE	IEFSD0XX	IEFSD101	IEFSD102	IEFSD103
IEFSL104	IEFSD110	IEFSD111	IEFSD112	IEFSD16C
IEFSL161	IEFSD162	IEFSD164	IEFSD165	IEFSD166
IEFSL180	IEFSD263	IEFVHR	IEFVKG	IEFVMA
IEFVME	IEFVMB	IEFVMC	IEFVMD	IEFVME
IEFVMF	IEFVMG	IEFVMH	IEFVPOST	IEF060SD
IEF061SD	IEF064SD	IEF065SD	IEWFELCS	IEWFETCH
IEWSWVR	IGC6103D	IHJQCP30	IHJQCP31	IHJQCP32
IHJQRS20	IHJQRS21	IHJQRS22	IHJQRS23	IHJQRS24
IHLMC1HF	IHLMC1HV	IHLTSYSP		

## SYS1.CI555

IECIPRTS	IEDAYAA	IEDAYGP	IEDAYHH	IEDAYII
IEDAYLL	IEDAYOO	IEEVDUS1	IEEVGSPD	IEEVSDIO
IEEVS ENC	IEEVS IPL	IEEVSND1	IEEVSND2	IEEVSND3
IEEVSND4	IEEVSND5	IEEVSND8	IEEVSND9	IEFVSCAN
IGC0009C	IGC0009D	IGC0009G	IGC0009I	IGC0109I
IGC0209I	IGC0309I	IGC0409I	IGC0509I	IGC0609I
IGC0709I	IGC0809I	IGC0909I	IGC1009I	IGC1109I
IGC1209I	IGC1309I	IGC1409I	IGC1509I	IGC1609I
IGC1709I	IGC1809I	IGC1909I	IGC2009I	IGC2109I
IGC2309I	IGC2509I	IGC2609I	IGC2709I	IGC2809I
IGC2909I	IGC3009I	IGC3509I	IGG019TX	IGG019TY
IGG019TZ	IGG019T3	IGG019T4	IGG019T5	IGG019T6
IGG019T7	IGG019T8	IGG019T8	IGG0196S	IGG0199V
IGG0930I	IGG0930I	IGG0930J	IGG0940A	IGG0940B
IGG0940C	IGG0940D	IGG0940E	IGG0940F	IGG0940G
IGG09400	IGG09404	IGG09405	IGG09406	IGG09407
IGG09408	IGG09409	IKJEAAB0	IKJEAAB1	IKJEAAD0
IKJEA101	IKJEA02	IKJEA03	IKJEA100	IKJEA101
IKJEA1K0	IKJEAM00	IKJEANQ0	IKJEANQ1	IKJEAP00
IKJEAR00	IKJEAR01	IKJEAR02	IKJEAR03	IKJEAR04
IKJEAR05	IKJEASY0	IKJEAS00	IKJEAS01	IKJEAS02

## SYS1.CI555

(CONTINUED)

IKJEAS03	IKJEATI0	IKJEATI1	IKJEATI2	IKJEATI3
IKJEATM0	IKJEATM1	IKJEATP0	IKJEATR0	IKJEAT00
IKJEAT01	IKJEAT02	IKJEAT03	IKJEAT04	IKJEAT05
IKJEAT06	IKJEAT07	IKJEAT08	IKJFAX00	IKJEES20
IKJEES70	IKJEES74	IKJEES75	IKJEFD00	IKJEFF00
IKJEFF02	IKJEFF15	IKJEFF40	IKJEFF41	IKJEFF42
IKJEFF43	IKJEFF44	IKJEFF45	IKJEFF46	IKJEFF51
IKJEFF52	IKJEFF53	IKJEFF54	IKJEFF58	IKJEFF59
IKJEFF61	IKJEFF66	IKJEF1A	IKJEFLB	IKJEFLC
IKJEFLCM	IKJEFLC	IKJEFLEA	IKJEFLF	IKJEFLG
IKJEFLGB	IKJEFLGH	IKJEFLGM	IKJEFLGN	IKJEFLH
IKJEFLI	IKJEFLIA	IKJEFLJ	IKJEFLK	IKJEFLM
IKJEFLLM	IKJEFLM	IKJEFLPA	IKJEFLS	IKJEFLP00
IKJEFP10	IKJEFP20	IKJEFP30	IKJEFP60	IKJEFT01
IKJEFT02	IKJEFT03	IKJEFT04	IKJEFT05	IKJEFT06
IKJEFT07	IKJEFT25	IKJEFT30	IKJEFT35	IKJEFT40
IKJEFT45	IKJEFT52	IKJEFT53	IKJEFT54	IKJEFT55
IKJEFT56	IKJFAERR	IKJFAMP1	IKJFAMSG	IKJFAPUT
IKJFASCN	IKJFATAB	IKJFATP1	IKJFATP2	IKJFATRC
IKJFATR1	IKJGGE00	IKJGGE01	IKJGGE02	IKJGGE03
IKJGG00A	IKJGG001	IKJGG008	IKJGG088	IKJ0CLC1
IKJ0CLC2	IKJ0CLC3	IKJ0CLC4	IKJ0CLC5	IKJ0CLC6
IKJ0CLC7	IKJ0002F	IKJ5803D	LISTB	LISTBC

## SYS1.COBLIB

IHD00000	IHD00001	IHD00100	IHD00101	IHD00200
IHD00201	IHD00300	IHD00301	IHD00400	IHD00401
IHD00500	IHD00501	IHD00600	IHD00601	IHD00602
IHD00700	IHD00701	IHD00800	IHD00801	IHD00802
IHD00900	IHD00901	IHD01000	IHD01001	IHD01002
IHD01100	IHD01101	IHD01102	IHD01200	IHD01201
IHD01300	IHD01301	IHD01400	IHD01401	IHD01500
IHD01501	IHD01502	IHD01504	IHD01600	IHD01601
IHD01602	IHD01700	IHD01701	IHD01800	IHD01801
IHD01802	IHD01900	IHD01901	IHD01902	IHD01904
IHD01908	IHD02000	IHD02001	IHD02002	IHD02100
IHD02101	IHD02200	IHD02201	IHD02300	IHD02301
IHD02302	IHD02304	IHD02400	IHD02401	IHD02500
IAD02501	IHD02600	IHD02601	IHD02700	IHD02701
IHD02800	IHD02801	IHD02802	IHD02900	IHD02901
IHD03001	IHD03002	IHD03004	IHD03008	IHD03101
IHD03102	IHD03104	IHD03108	IHD03300	IHD03301
IHD03402	IHD03801	IHD03900	IHD03901	IHD04000
IHD04001	IHD04100	IHD04101		

## SYS1.CO503

IEFALC00	IEPAS000	IEPAS000	IEPASW00	IEPAS100
IEPAS200	IEPAS300	IEPAS400	IEPAS500	IEPAS600

## SYS1.C0503

(CONTINUED)

IEPDL100	IEPDBG00	IEPDMG00	IEPDP000	IEPDST00
IEPDS100	IEPDS200	IEPICT00	IEPLI100	IEPLST00
IEFFL100	IEFFP200	IEPPG000	IEPPG000	IEPPG100
IEPPG200	IEPPG300	IEPPG400	IEPPG500	IEPPG600
IEPPG700	IEPPG900	IEPEMG00	IEPPS100	IEPPS200
IEPPS300	IEPPS400	IEPPT100	IEPPT200	IEPPT300
IEPPT400	IEPPT500	IEPPT600	IEPPT700	IEPSET00
IEPSIS00	IEPSMG00	IEPSYS00	IEPTRM00	IEPUSE00

## SYS1.CQ513

IDFCT	IDFM01	IDFST	IECTATEN	IECTCHGN
IECTELIT	IECTLERP	IECTLCFN	IECTONLT	IECTSCAN
IECTSV0	IECTTRNS	IGC0A06F	IGC0B06F	IGC0C06F
IGC0L06F	IGC0E06F	IGC0F06F	IGC0006F	IGC0106F
IGC0206F	IGC0306F	IGC0406F	IGC0506F	IGC058
IGC0606F	IGC0706F	IGC0806F	IGC0906F	IGC1006F
IGC1106F	IGC1206F	IGC1306F	IGC1406F	IGC1406F
IGE0004E	IGE0004C	IGE0004D	IGE0010E	IGE0104A
IGE0104E	IGE0104C	IGE0104D	IGE0110E	IGE0204A
IGE0204E	IGE0204C	IGE0204D	IGE0210E	IGE0304A
IGE0304E	IGE0304C	IGE0304D	IGE0404A	IGE0404B
IGE0404E	IGE0504A	IGE0504B	IGE0504C	IGE0504D
IGE0604A	IGE0604B	IGE0604C	IGE0704A	IGE0704B
IGE0704C	IGE0804A	IGE0804B	IGE0804C	IGE0904A
IGE0904C	IGE0904D	IGG019MA	IGG019MB	IGG019MC
IGG019MI	IGG019ME	IGG019MF	IGG019MI	IGG019MJ
IGG019MK	IGG019ML	IGG019MN	IGG019MP	IGG019MR
IGG019MS	IGG019MT	IGG019MU	IGG019MV	IGG019MW
IGG019MX	IGG019MY	IGG019MZ	IGG019M0	IGG019M1
IGG019M2	IGG019M3	IGG019M4	IGG019M5	IGG019M6
IGG019PA	IGG019PB	IGG019PC	IGG019PD	IGG019PE
IGG019PF	IGG019PG	IGG019PH	IGG019PI	IGG019PK
IGG019PL	IGG019PM	IGG019PN	IGG019PO	IGG019PP
IGG019PQ	IGG019UP	IGG0193M	IGG0193Q	IGG0193S
IGG0194N	IGG0194P	IGG0194Q	IGG0201E	IGG0203M

## SYS1.CQ519

IECKBRKF	IECKCHGT	IECKCHPL	IECKCKRQ	IECKCLOS
IECKCNCL	IECKCPPL	IECKCPYQ	IECKCPYT	IECKCVRS
IECKLATE	IECKDCBL	IECKDLQT	IECKDRCT	IECKE0AD
IECKE0BC	IECKE0BK	IECKERMG	IECKEXPD	IECKITCP
IECKL0UP	IECKLNCH	IECKMODE	IECKNATE	IECKOCTL
IECKONLT	IECKOPAW	IECKFAUS	IECKPLMT	IECKPRTY
IECKC001	IECKRELM	IECKRETD	IECKRETS	IECKRF40
IECKRF50	IECKROUT	IECKRRTTE	IECKRVTW	IECKRVTZ
IECKRVT1	IECKRVT2	IECKRV30	IECKRV40	IECKRV50
IECKRV60	IECKR260	IECKSCAN	IECKSDTW	IECKSDTZ

## SYS1.CQ519

(CONTINUED)

IECKSDT1	IECKSDT2	IECKSDT3	IECKSD30	IECKSD40
IECKSD50	IECKSD60	IECKSEQN	IECKSEQT	IECKSKPC
IECKSKPS	IECKSRCE	IECKS260	IECKTIME	IECKTRNS
IECKTYPE	IGC0007G	IGC0107G	IGC0207G	IGC0307G
IGC0407G	IGC0507G	IGC0607G	IGE0004E	IGE0004F
IGE0104E	IGE0104F	IGE0204E	IGE0204F	IGE0304E
IGE0304F	IGE0404E	IGE0404F	IGE0504E	IGE0504F
IGE0604E	IGE0604F	IGE0704E	IGE0704F	IGE0804E
IGE0804F	IGE0904E	IGG019NA	IGG019NB	IGG019NC
IGG019ND	IGG019NE	IGG019NF	IGG019NG	IGG019NH
IGG019NJ	IGG019NK	IGG019NL	IGG019NM	IGG019NN
IGG019NO	IGG019NP	IGG019NQ	IGG019NR	IGG019NS
IGG019NT	IGG019NU	IGG019NV	IGG019NW	IGG019NX
IGG019NY	IGG019NZ	IGG019N1	IGG019N2	IGG019N3
IGG019N8	IGG019N9	IGG019QA	IGG019QB	IGG0193N
IGG01930	IGG0193P	IGG0193R	IGG0193T	IGG0193U
IGG0193V	IGG0194A	IGG0203N	IGG0203O	IGG0203P
IGG0203R				

## SYS1.CQ548

IEACTM0Q	IEDAYA	IEDAYB	IEDAYC	IEDAYD
IEDAYE	IEDAYF	IEDAYH	IEDAYI	IEDAYL
IEDAYM	IEDAYO	IEDAYR	IEDAYS	IEDAYT
IEDAYX	IEDAYY	IEDAYZ	IEDAYZZ	IEDNAR
IEDNID	IEDNLT	IEDNMG	IEDNRE	IEDNTR
IEDN25	IEDQAA	IEDQAB	IEDQAC	IEDQAD
IEDQAE	IEDQAF	IEDQAG	IEDQAH	IEDQAI
IEDQAJ	IEDQAK	IEDQAL	IEDQAM	IEDQAN
IEDQAC	IEDQAP	IEDQAO	IEDQAR	IEDQAS
IEDQAT	IEDQATTN	IEDQAU	IEDQAV	IEDQAW
IEDQAX	IEDQAY	IEDQAZ	IEDQA0	IEDQA1
IEDQA2	IEDQA3	IEDQA4	IEDQA5	IEDQA6
IEDQA7	IEDQA8	IEDQA9	IEDQBA	IEDQBB
IEDQBC	IEDQBE	IEDQBF	IEDQBF	IEDQBG
IEDQBH	IEDQBL	IEDQBM	IEDQBN	IEDQBO
IEDQEP	IEDQBQ	IEDQBR	IEDQBT	IEDQBU
IEDQBV	IEDQBW	IEDQBX	IEDQBY	IEDQBZ
IEDQB1	IEDQB2	IEDQB3	IEDQB4	IEDQB7
IEDQCA	IEDQCF	IEDQCG	IEDQCH	IEDQCI
IEDQCJ	IEDQCK	IEDQCL	IEDQCM	IEDQCN
IEDQCO	IEDQCP	IEDQCC	IEDQCS	IEDQCU
IEDQCV	IEDQCW	IEDQCX	IEDQCZ	IEDQC0
IEDQC1	IEDQC2	IEDQC3	IEDQC5	IEDQC6
IEDQEB	IEDQEC	IEDQES	IEDQET	IEDQEU
IEDQEW	IEDQEZ	IEDQE1	IEDQE2	IEDQE3
IEDQE4	IEDQE6	IEDQE7	IEDQE8	IEDQFA
IEDQFA1	IEDQFA2	IEDQFE	IEDQFE10	IEDQFE20
IEDQFE30	IEDQGA	IEDQGB	IEDQGH	IEDQGF
IEDQGO	IEDQGR	IEDQGT	IEDQHG	IEDQHI
IEDQHK	IEDQHM	IEDQHM1	IEDQHM2	IEDQKA
IEDQKB	IEDQKC	IEDQKD	IEDQKE	IEDQLM

SYS1.CQ548

(CONTINUED)

IEDQNA	IEDQNA2	IEDQNB	IEDQNB02	IEDQNB05
IEDQND	IEDQNF	IEDQNG	IEDQNH	IEDQNJ
IEDQNK	IEDQNM	IEDQNC	IEDQNP	IEDQNJ
IEDQNR	IEDQNS	IEDQNX	IEDQOA	IEDQOB
IEDQOG	IEDQOM	IEDQCS	IEDQOT01	IEDQUI
IEDQWA	IEDQWAA	IEDQWAB	IEDQWAC	IEDQWAJ
IEDQWB	IEDQWB1	IEDQWB2	IEDQWC	IEDQWC1
IEDQWC2	IEDQWD	IEDQWE	IEDQWEC	IEDQWEC1
IEDQWE1	IEDQWE2	IEDQWF	IEDQWH	IEDQWI
IEDQWIA	IEDQWID	IEDQWIE	IEDQWIU	IEDQWI1
IEDQWI5	IEDQWI5D	IEDQWI5U	IEDQWI6	IEDQWI7
IEDQWI8	IEDQWI9	IEDQWJ	IEDQWJ1	IEDQWJ2
IEDQWK	IEDQWK1	IEDQWL	IEDQWL1	IEDQWL2
IEDQWL3	IEDQWM1	IEDQWM2	IEDQWN	IEDQWO
IEDQWP	IEDQWP1	IEDQWP2	IEDQWC	IEDQWR
IEDQWS	IEDQWV	IEDQWX	IEDQWY	IEDQW16
IEDQW21	IEDQW28	IEDQW35	IEDQW36	IEDQW37
IEDQW39	IEDQW41	IEDQW42	IEDQW43	IEDQW44
IEDQW47	IEDQW9	IEDQXA	IEDQXB	IEDQXC
IEDQ10	IEDQ11	IEDQ12	IEDQ13	IEDQ14
IEDQ15	IEDQ16	IEDQ17	IEDQ18	IEDQ19
IEDQ20	IEDQ21	IEDQ22	IEDQ23	IEDQ24
IEDQ25	IEDQ26	IEDQ27	IEDQ28	IEDQ30
IEDQ31	IEDQ32	IEDQ33	IEDQ34	IEDQ35
IEDQ36	IEDQ37	IEDQ38	IED1303D	IGCC010D
IGCC110D	IGCDB10D	IGCDC10D	IGCDD10D	IGCD010D
IGCD110E	IGCD210D	IGCD310D	IGCD410D	IGCD510D
IGCD610D	IGCD710D	IGCD810D	IGCD910D	IGCH010D
IGCI010E	IGCI110D	IGCI210D	IGCI310D	IGCMA10D
IGCMB10D	IGCMD10D	IGCME10D	IGCMF10D	IGCMG10D
IGCMH10E	IGCMI10D	IGCMK10D	IGCML10D	IGCMM10D
IGCMN10D	IGCMP10D	IGCMR10D	IGCMS10D	IGCMT10D
IGCMX10E	IGCMY10D	IGCM010D	IGCM110D	IGCM210D
IGCM310D	IGCM410D	IGCM510D	IGCM610D	IGCM710D
IGCM810E	IGCM910D	IGCR010D	IGCSW10D	IGCT010D
IGCT110E	IGCT210D	IGCT310D	IGCVA10D	IGCVE10D
IGCVF10D	IGCVG10D	IGCV010D	IGCV110D	IGCV210D
IGCV310E	IGCV410D	IGCV510D	IGCV610D	IGCV710D
IGCV810D	IGCV910D	IGCZ010D	IGCZ110D	IGC0B10D
IGC0C10E	IGC0D10D	IGC0E10D	IGC0G10D	IGC0J05B
IGC0010D	IGC0110D	IGC0210D	IGC0310D	IGC0410D
IGC0510E	IGC0610D	IGC0710D	IGC0810D	IGC0910D
IGC1303D	IGE0004G	IGE0004H	IGE0004I	IGE0104G
IGE0104H	IGE0104I	IGE0204G	IGE0204H	IGE0304G
IGE0404G	IGE0404H	IGE0504G	IGE0504H	IGE0604G
IGE0804G	IGE0804H	IGE0904G	IGE0904H	IGE0904I
IGG019A0	IGG019AP	IGG019EM	IGG019Q0	IGG019Q1
IGG019Q2	IGG019Q3	IGG019Q4	IGG019Q5	IGG019Q6
IGG019Q7	IGG019Q8	IGG019Q9	IGG019RA	IGG019RB
IGG019RC	IGG019RD	IGG019RE	IGG019RF	IGG019RG
IGG019RH	IGG019RI	IGG019RJ	IGG019RK	IGG019RL
IGG019RM	IGG019RN	IGG019RC	IGG019RP	IGG019RQ
IGG019RR	IGG019RS	IGG019RT	IGG019RU	IGG019RV

SYS1.CQ548

(CONTINUED)

IGG019RW	IGG019RX	IGG019RY	IGG019R0	IGG019R1
IGG019R2	IGG019R3	IGG019R4	IGG019R5	IGG019R6
IGG019R7	IGG019R8	IGG019R9	IGG019TE	IGG019TF
IGG019TG	IGG019TH	IGG019TI	IGG019TJ	IGG019TM
IGG019TN	IGG01930	IGG01931	IGG01933	IGG01934
IGG01935	IGG01936	IGG01937	IGG01938	IGG01939
IGG0194B	IGG01940	IGG01941	IGG01942	IGG01943
IGG01944	IGG01945	IGG01946	IGG01947	IGG01948
IGG01949	IGG0198B	IGG0198D	IGG0198E	IGG0203B
IGG02030	IGG02035	IGG02036	IGG02041	IGG02046
IGG02047	IKJGG00A			

SYS1.DCMLIB

ACCOUNT	ALLOC	ALLOCATE	CALL	D
DELETE	FREE	IKJDFIT	IKJEBEAA	IKJEBEAF
IKJEBEAT	IKJEBEBO	IKJEBECG	IKJEBECH	IKJEBECI
IKJEBECN	IKJEBECO	IKJEBEDA	IKJEBEDE	IKJEBEDO
IKJEBEEN	IKJEBEEB	IKJEBEFC	IKJEBEFI	IKJEBEFO
IKJEBEHE	IKJEBEIA	IKJEBEIM	IKJEBEIP	IKJEBEIS
IKJEBELE	IKJEBELI	IKJEBELT	IKJEBEMA	IKJEBEME
IKJEBEMR	IKJEBEMS	IKJEBEM1	IKJEBEM2	IKJEBEM3
IKJEBEM4	IKJEBEM5	IKJEBEM6	IKJEBEM7	IKJEBEPS
IKJEBERE	IKJEBERN	IKJEBERU	IKJEBESA	IKJEBESC
IKJEBESE	IKJEBESN	IKJEBETA	IKJEBETO	IKJEBEUI
IKJEBEUP	IKJEBEUT	IKJEBEVE	IKJEBESR	IKJEEES10
IKJEEES11	IKJEEES40	IKJEE1A0	IKJEE100	IKJEE150
IKJEFATT	IKJEFAA0	IKJEFAA1	IKJEFAA2	IKJEFAA3
IKJEFAT12	IKJEFAT13	IKJEFAT20	IKJEFAT21	IKJEFAT22
IKJEFAT23	IKJEFAT24	IKJEFAT30	IKJEFAT31	IKJEFAT32
IKJEFAT40	IKJEFAT41	IKJEFAT42	IKJEFAT51	IKJEFAT52
IKJEFAT53	IKJEFAT54	IKJEFAT55	IKJEFAT20	IKJEFAT30
IKJEFEB01	IKJEFEB02	IKJEFEB03	IKJEFEB04	IKJEFEB05
IKJEFEB06	IKJEFEB11	IKJEFEB15	IKJEFEB16	IKJEFEB01
IKJEFEB03	IKJEFEB04	IKJEFEB05	IKJEFEB06	IKJEFEB07
IKJEFEB08	IKJEFEB09	IKJEFEB10	IKJEFEB11	IKJEFEB12
IKJEFEB13	IKJEFEB14	IKJEFEB16	IKJEFEB18	IKJEFEB50
IKJEFEB55	IKJEFEB57	IKJEFEB60	IKJEFEB62	IKJEFEB63
IKJEFEB64	IKJEFEB67	IKJEFEB68	IKJEFEB00	IKJEFEB00
IKJEFEB01	IKJEFEB02	IKJEFEB03	IKJEFEB00	IKJEFEB00
IKJEFT80	IKJEFT82	IKJEGASN	IKJEGAT	IKJEGATD
IKJEGATN	IKJEGCAL	IKJEGCPY	IKJEGCVT	IKJEGDCB
IKJEGDEB	IKJEGDEL	IKJEGDRP	IKJEGEQU	IKJEGFRE
IKJEGGET	IKJEGGO	IKJEGINT	IKJEGIO	IKJEGLDF
IKJEGLOD	IKJEGLOD	IKJEGISA	IKJEGIST	IKJEGMAP
IKJEGMNL	IKJEGOFF	IKJEGPCH	IKJEGPSW	IKJEGQFY
IKJEGRUN	IKJEGSCD	IKJEGSTA	IKJEGSYM	IKJEGTCE
IKJEGWHR	IKJFHAL1	IKJFHCTR	IKJFHCT1	IKJHDEF
IKJEHDEL	IKJEHDS1	IKJEHMEM	IKJEHPR0	IKJEHREN
IKJEHSIR	IKJLKL01	IKJLKL02	IKJLRMSG	LINK
LISTA	LISTALC	LISTC	LISTCAT	LISTD
LISTDS	LOAD	LOADGC	PRCT	PRCTCT

SYS1.DCMDLIB (CONTINUED)

R	REN	RENAME	RUN		
SYS1.DHELP					
ACCOUNT	ALLOC	ALLCCATE	ATTRIB	CALL	
CANCEL	COMMANDS	D	DELETE	E	
EDIT	EX	EXEC	FREE	H	
HELP	LINK	LISTA	LISTALC	LISTB	
LISTBC	LI STC	LISTCAT	LISTD	LISTDS	
LOAD	LOADGO	LOGOFF	LOGON	OPER	
OPERATOR	OUT	OUTPUT	PROF	PROFILE	
PROT	PROTECT	R	REN	RENAME	
RUN	SE	SEND	ST	STATUS	
SUB	SUBMIT	TERM	TERMINAL	TEST	
TIME	WHEN				

SYS1.DM508

EMODVCL1	FCBKSTD1	FCBKSTD2	FCB2STD1	FCB2STD2
IECBFBF1	IECQBFG1	IFG019RA	IFG019TR	IFG0190P
IFG0190R	IFG0193A	IFG0193B	IFG0193C	IFG0193D
IFG0193E	IFG0194A	IFG0194C	IFG0194D	IFG0194E
IFG0194F	IFG0194G	IFG0194H	IFG0194I	IFG0194J
IFG0194R	IFG0195A	IFG0195B	IFG0195C	IFG0195D
IFG0195E	IFG0195F	IFG0195G	IFG0195H	IFG0195J
IFG0195K	IFG0195M	IFG0195N	IFG0195O	IFG0195P
IFG0195T	IFG0195U	IFG0195V	IFG0196J	IFG0196K
IFG0196L	IFG0196M	IFG0196N	IFG0196O	IFG0196P
IFG0196Q	IFG0196T	IFG0196U	IFG0196V	IFG0196W
IFG0196X	IFG0198N	IFG0199B	IFG0199D	IFG0199E
IFG0199R	IFG020TR	IFG0200G	IFG0200P	IFG0200R
IFG0200V	IFG0200W	IFG0200Y	IFG0200Z	IFG0201R
IFG0201U	IFG0202A	IFG0202B	IFG0202C	IFG0202D
IFG0202E	IFG0202F	IFG0202G	IFG0202H	IFG0202I
IFG0202J	IFG0202K	IFG0202L	IFG0202U	IFG0209B
IFG0209E	IFG0209E	IFG0209R	IFG023TR	IFG0230P
IFG0232A	IFG0232D	IFG0232G	IFG0232J	IFG0232M
IFG0232S	IFG0232Y	IFG0232Z	IFG0239B	IFG0239D
IFG0239E	IFG0239R	IFG055TR	IFG0550P	IFG0550R
IFG0551E	IFG0551D	IFG0551F	IFG0551H	IFG0551J
IFG0551L	IFG0551N	IFG0551P	IFG0551R	IFG0551T
IFG0551V	IFG0551X	IFG0551Z	IFG0552B	IFG0552D
IFG0552F	IFG0552H	IFG0552J	IFG0552L	IFG0552N
IFG0552P	IFG0552R	IFG0552T	IFG0552V	IFG0552X
IFG0552Y	IFG0552Z	IFG0553B	IFG0553D	IFG0553F
IFG0553H	IFG0553P	IFG0553R	IFG0553T	IFG0553V
IFG0553X	IFG0553Z	IFG0554B	IFG0554D	IFG0554J
IFG0554L	IFG0554N	IFG0554P	IFG0554R	IFG0554T
IFG0554V	IFG0554X	IFG0554Z	IFG0555B	IFG0555D
IFG0555F	IFG0555H	IFG0555J	IFG0556B	IFG0559B
IFG0559E	IFG0559E	IFG0559R	IGC0G05B	IGC0G95B

SYS1.DM508 (CONTINUED)

IGC0H05B	IGC0I05B	IGC0K05B	IGC0K95B	IGC0L05B
IGC0L95B	IGC0M05B	IGC0M95B	IGC0N05B	IGC0N06C
IGC0N95B	IGC0P05B	IGC0Q05B	IGC0R05B	IGC0S05B
IGC0T05B	IGC0U05B	IGC0W05B	IGC0001I	IGC0002A
IGC0002B	IGC0002C	IGC0002D	IGC0002E	IGC0002F
IGC0002G	IGC0002H	IGC0002I	IGC0002O	IGC0003A
IGC0003B	IGC0003O	IGC0005E	IGC0005G	IGC0006D
IGC0006H	IGC0006I	IGC0007H	IGC0008A	IGC0009H
IGC0010C	IGC0010E	IGC0106H	IGC0107H	IGC0109H
IGC0206H	IGC0209H	IGC0306H	IGC0406H	IGC0506C
IGC0506H	IGC0606H	IGC0706H	IGC0806H	IGC0906H
IGGAARPS	IGGR19AE	IGGR19BC	IGGR19BH	IGGR19BK
IGGR19CG	IGGR19CI	IGGR19CJ	IGGR19CU	IGGR19CV
IGGR19CW	IGGR19TV	IGGR19TW	IGG0CLC1	IGG0CLC2
IGG0CLC3	IGG0CLC4	IGG0CLC5	IGG0CLC6	IGG0CLC7
IGG0CLC8	IGG0CLF2	IGG019AA	IGG019AB	IGG019AC
IGG019AD	IGG019AE	IGG019AF	IGG019AG	IGG019AH
IGG019AI	IGG019AJ	IGG019AK	IGG019AL	IGG019AM
IGG019AN	IGG019AQ	IGG019AR	IGG019AT	IGG019AV
IGG019AW	IGG019AX	IGG019BA	IGG019EE	IGG019BC
IGG019BD	IGG019BE	IGG019BF	IGG019BG	IGG019BH
IGG019BI	IGG019BK	IGG019BL	IGG019BM	IGG019BN
IGG019BO	IGG019BP	IGG019BQ	IGG019BU	IGG019BV
IGG019B0	IGG019CA	IGG019CB	IGG019CC	IGG019CD
IGG019CE	IGG019CF	IGG019CG	IGG019CH	IGG019CI
IGG019CJ	IGG019CL	IGG019CM	IGG019CN	IGG019CO
IGG019CP	IGG019CQ	IGG019CR	IGG019CS	IGG019CT
IGG019CU	IGG019CV	IGG019CW	IGG019CX	IGG019CY
IGG019CZ	IGG019C0	IGG019C1	IGG019C2	IGG019C3
IGG019C4	IGG019C6	IGG019CA	IGG019EB	IGG019EC
IGG019ED	IGG019EE	IGG019EF	IGG019EI	IGG019EJ
IGG019EK	IGG019FA	IGG019FE	IGG019FD	IGG019FF
IGG019FG	IGG019FH	IGG019FI	IGG019FJ	IGG019FK
IGG019FL	IGG019FN	IGG019FP	IGG019FQ	IGG019FR
IGG019FS	IGG019FU	IGG019TC	IGG019TD	IGG019TV
IGG019TW	IGG019T2	IGG019VA	IGG019VB	IGG019VC
IGG019VD	IGG019VE	IGG019VF	IGG019VG	IGG019VH
IGG019VI	IGG019VJ	IGG019VK	IGG019V1	IGG019V2
IGG019V3	IGG019V4	IGG019V5	IGG0190A	IGG0190B
IGG0190R	IGG0190S	IGG0191A	IGG0191B	IGG0191C
IGG0191D	IGG0191E	IGG0191F	IGG0191G	IGG0191H
IGG0191I	IGG0191J	IGG0191K	IGG0191N	IGG0191O
IGG0191P	IGG0191Q	IGG0191R	IGG0191S	IGG0191T
IGG0191U	IGG0191V	IGG0191W	IGG0191X	IGG0191Y
IGG0191Z	IGG01910	IGG01911	IGG01912	IGG01913
IGG01914	IGG01915	IGG01916	IGG01917	IGG01918
IGG01919	IGG0192W	IGG01923	IGG01926	IGG0193I
IGG0196A	IGG0196B	IGG0196I	IGG0196J	IGG0196K
IGG0196L	IGG0196M	IGG0196P	IGG0197A	IGG0197B
IGG0197C	IGG0197D	IGG0197E	IGG0197F	IGG0197G
IGG0197K	IGG0197L	IGG0197M	IGG0197N	IGG0197P
IGG0197Q	IGG0197U	IGG0199K	IGG0199O	IGG01990
IGG01991	IGG01992	IGG01993	IGG01994	IGG020D0

## SYS1. DM508

(CONTINUED)

IGG020D1	IGG020P1	IGG020P2	IGG020P3	IGG0200B
IGG0200G	IGG0201A	IGG0201B	IGG0201D	IGG0201P
IGG0201R	IGG0201X	IGG0201Y	IGG0201Z	IGG0206M
IGG021AB	IGG0210A	IGG029R1	IGG0290A	IGG0290B
IGG0290C	IGG0290D	IGG0290E	IGG0290F	IGG0299A
IGG03001	IGG03002	IGG03003	IGG0325A	IGG0325B
IGG0325C	IGG0325D	IGG0325E	IGG0325F	IGG0325G
IGG0325H	IGG0325J	IGG0325K	IGG0325L	IGG0325M
IGG0325P	IGG0325Q	IGG0325R	IGG0325S	IGG0325T
IGG0325U	IGG0325V	IGG0325W	IGG0325Z	IGG0550B
IGG0550D	IGG0550F	IGG0550H	IGG0550K	IGG0550P
IGG0550S	IGG0551A	IGG0551B	IGG0552K	IGG0553A
IGG0553B	IGG0553C	IGG0553D	IGG0553E	IGG0553F
IGG0553G	IGG08101	IGG08102	IGG08103	IGG08104
IMDUSRPF	OMODVOL1	READPSWD	SECLOADA	

## SYS1. DM509

IGC0005C	IGGR19DA	IGGR19DB	IGGR19DD	IGGR19KI
IGGR19KK	IGGR19KM	IGGR19KN	IGGR19KO	IGG019ER
IGG019BS	IGG019BT	IGG019DA	IGG019DB	IGG019DC
IGG019DD	IGG019KA	IGG019KC	IGG019KE	IGG019KF
IGG019KG	IGG019KH	IGG019KI	IGG019KJ	IGG019KK
IGG019KL	IGG019KM	IGG019KN	IGG019KO	IGG019KQ
IGG019KR	IGG019KS	IGG019KU	IGG019KW	IGG019KY
IGG019LA	IGG019LC	IGG019LE	IGG019LG	IGG019LI
IGG019LL	IGG019LM	IGG0193A	IGG0193C	IGG0193E
IGG0193F	IGG0193G	IGG0199L	IGG0203A	

## SYS1. DN527

IFBSR000	IFBSR040	IFBSR050	IFBSR065	IFBSR075
IFBSR140	IFBSR150	IFBSR165	IFBSR175	IFBSR3A5
IFBSR3C3	IFBSR340	IFBSR350	IFBSR365	IFBSR375
IFBSR395	IFCEA085	IFCEA095	IFCEA155	IFCEA165
IFCEA195	IFCEB085	IFCEB095	IFCEB155	IFCEB165
IFCEB195	IFCECUA0	IFCEC085	IFCEC095	IFCEC155
IFCEC165	IFCEC195	IFCED095	IFCED155	IFCED165
IFCEI195	IFCEE095	IFCEE155	IFCEE165	IFCEE195
IFCEF095	IFCEF155	IFCEF165	IFCEF195	IFCEG155
IFCEG195	IFCEIPL0	IFCEI040	IFCEI050	IFCEI135
IFCEI145	IFCEI155	IFCEJ145	IFCEL155	IFCEMER0
IFCEMER1	IFCEMER2	IFCEMER3	IFCEMER4	IFCEMER5
IFCEM155	IFCEP005	IFCEP007	IFCEP008	IFCEP009
IFCEREPO	IFCETRN0	IFCETRN1	IFCETRN2	IFCETRN3
IFCETRN4	IFCET00B	IFCET002	IFCET003	IFCET004
IFCET005	IFCET006	IFCET008	IFCEIKNO	IFCEVOL0
IFCEXXXA	IFCEXXXB	IFCEXXXC	IFCEXXXD	IFCEXXXE
IFCEXXX0	IFCEXXX1	IFCEXXX2	IFCEXXX3	IFCEXXX4
IFCEXXX5	IFCEXXX6	IFCEXXX7	IFCEXXX8	IFCEXXX9
IFCE0040	IFCE0050	IFCE0065	IFCE0075	IFCE0085

## SYS1. DN527

(CONTINUED)

IFCE0095	IFCE0135	IFCE0145	IFCE0155	IFCE0165
IFCE0195	IFCE2860	IFCE2870	IFCE2880	IFCEMES00
IFCEMG00	IFCRDESM	IFCRDE03	IFCRE002	IFCRE003
IFCSA050	IFCSCUA0	IFCSIA50	IFCSIPL0	IFCSI040
IFCSI050	IFCSI145	IFCSI155	IFCST00B	IFCST003
IFCST005	IFCST006	IFCST008	IFCSUKNO	IFCSVOL0
IFCSXXXA	IFCSXXXB	IFCSXXXC	IFCSXXXD	IFCSXXXE
IFCSXXX0	IFCSXXX1	IFCSXXX2	IFCSXXX3	IFCSXXX4
IFCSXXX5	IFCSXXX6	IFCSXXX7	IFCSXXX8	IFCSXXX9
IFCS0040	IFCS0050	IFCS0065	IFCS0075	IFCS0085
IFCS0095	IFCS0135	IFCS0145	IFCS0155	IFCS0165
IFCS0195	IFCS2860	IFCS2870	IFCS2880	

## SYS1. DN533

IFDMSGAJ	IFDMSG00	IFDMSG02	IFDMSG03	IFDMSG04
IFDMSG05	IFDMSG06	IFDMSG07	IFDMSG08	IFDMSG13
IFDMSG20	IFDMSG22	IFDMSG25	IFDMSG31	IFDMSG32
IFDMSG33	IFDMSG37	IFDMSG38	IFDMSG50	IFDMSG53
IFDMSG54	IFDMSG56	IFDMSG61	IFDMSG73	IFDCLT AJ
IFDOLT00	IFDOLT01	IFDOLT02	IFDOLT03	IFDOLT04
IFDOLT05	IFDOLT06	IFDOLT07	IFDOLT08	IFDOLT09
IFDOLT10	IFDOLT11	IFDOLT13	IFDOLT14	IFDOLT15
IFDOLT16	IFDOLT17	IFDOLT18	IFDOLT20	IFDOLT21
IFDOLT22	IFDOLT23	IFDOLT24	IFDOLT25	IFDOLT26
IFDOLT29	IFDOLT30	IFDOLT31	IFDOLT32	IFDOLT33
IFDOLT34	IFDOLT35	IFDOLT36	IFDOLT37	IFDOLT38
IFDOLT39	IFDOLT41	IFDOLT44	IFDOLT46	IFDOLT48
IFDOLT50	IFDOLT51	IFDOLT52	IFDOLT53	IFDOLT54
IFDOLT55	IFDOLT56	IFDOLT59	IFDOLT61	IFDOLT73
IFDOLT74	IGC0005I	IGC0205I	IGC0405I	IGC0505I
IGC0605I	IGC0705I	IGC0905I	IGE0019I	IGE0119I

## SYS1. DN539

ICFBDF00	ICFBDX00	ICFBIF00	ICFBIX00	ICFTIF00
IGC0008E	IGC0108E	IGC0208E	IGC0308E	IGC0408E
IGC0508E	IGC0608E	IGC0708E	IGC0808E	IGC0908E
IGC2603D	IGE0660A	IGFASR0A	IGFASR0B	IGFASR0C
IGFASR0D	IGFASR01	IGFASR1A	IGFASR1C	IGFASR1D
IGFASR10	IGFASR2C	IGFASR2D	IGFASR2K	IGFASR20
IGFASR3C	IGFASR30	IGFCCHIN	IGFCCH35	IGFCCH48
IGFCCH60	IGFCCH68	IGFCCH70	IGFCCH80	IGFPDRMF
IGFDDRMV	IGFDDR00	IGFDDR02	IGFDDR03	IGFLDR04
IGFDDR10	IGFMCH00	IGFMCH01	IGFMCH02	IGFMCH03
IGFMCHF0	IGFMCHF4	IGFMCHF5	IGFMCHF6	IGFMCH10
IGFMCH12	IGFMCH13	IGFMCH14	IGFMCH15	IGFMCH16
IGFMCH17	IGFMCH18	IGFMCH19	IGFMCH20	IGFMCH21
IGFMCH22	IGFMCH23	IGFMCH30	IGFMCH31	IGFMCH33
IGFMCH34	IGFMCH35	IGFMCH36	IGFMCH40	IGFMCH41

## SYS1. DN539

## (CONTINUED)

IGFMCH50	IGFMFTF1	IGFMFTF2	IGFMFTF3	IGFMFT00
IGFM5B00	IGFMVTF1	IGFMVTF2	IGFMVTF3	IGFMVT00
IGFMVT02	IGF08501	IGF08502	IGF13501	IGF24MPD
IGF2403D	IGF2503D	IGF2603D	IGF29601	IGF29701
IGF34MPE	IGF55301	IGF65FMC	IGF65MFT	IGF65MP
IGF65MVA	IGF65PMC	IGF65VMC		

## SYS1. DN554

HMASMAPA	HMASMASI	HMASMASH	HMASMCPI	HMASMCPY
HMASMDRV	HMASMEXT	HMASMIC	HMASMIO	HMASMLCD
HMASMLKD	HMASMLKI	HMASMLCG	HMASMMSG	HMASMREC
HMASMRES	HMASMSCN	HMASMTBL	HMASMUCL	HMASMUPD
HMASMZAP	IMAPTFLE	IMAPTF01	IMAPTF02	IMASPZAP
IMELKCTL	IMBLKERR	IMBLKIDR	IMBLKLDM	IMBLKMSG
IMBLKCBJ	IMBLKSZE	IMBLKXRF	IMEMDMAP	IMCOSAPP
IMCOSMCI	IMDREAD	IMDPRAPP	IMDPRCOM	IMDPRCTL
IMDPRDPS	IMDPREID	IMDPREXT	IMDPRFIT	IMCPRFMG
IMDPRFRM	IMDPRFSR	IMDPRFUB	IMDPRFUR	IMDPRFXT
IMDPRGEI	IMDPRLOD	IMDPRIFA	IMDPRMST	IMCPRNUC
IMDPRCOI	IMDPRPAL	IMDPRPCR	IMDPRPDR	IMDPRPJB
IMDPRPMG	IMDPRPMS	IMDPRQCE	IMDPRRDC	IMDPRREC
IMDPRSCN	IMDPRSEG	IMDPRSMG	IMDPRSN2	IMCPRSN3
IMDPRSWF	IMDPRTSO	IMDSYS00	IMDSYS01	IMDSYS02
IMDSYS03	IMDSY101	IMDTREAD	IMDUSRFF	

## SYS1. DN554A

IMCJCLMP

## SYS1. DUADS

IBMUSERU

## SYS1. ED521

IEWLMADA	IEWLMAPT	IEWLMBTP	IEWLMEND	IEWLMENS
IEWLMENI	IEWLMESD	IEWLMFNI	IEWLMIDR	IEWLMINC
IEWLMINP	IEWLMINT	IEWLMMAP	IEWLMOPT	IEWLMOUT
IEWLMRAT	IEWLMRCG	IEWLMREI	IEWLMROU	IEWLMSCD
IEWLMSCN	IEWLMSYM			

## SYS1. FORTLIB

## SYS1. FO500

IEKAA00	IEKAA01	IEKAFF	IEKAINIT	IEKAFT
IEKARW	IEKATB	IEKATM	IEKCAA	IEKCAR
IEKCCR	IEKCD0	IEKCDF	IEKCDT	IEKCGC
IEKCGC	IEKCGW	IEKCIO	IEKCLT	IEKCPX
IEKCSF	IEKCSR	IEKCTN	IEKDCL	IEKLIO
IEKFCOMH	IEKFIOCS	IEKGA1	IEKGR	IEKGCZ
IEKGDA	IEKGEV	IEKGMF	IEKGST	IEKJA
IEKJAI	IEKJAN	IEKJA1	IEKJA2	IEKJA3
IEKJA4	IEKJBF	IEKJCP	IEKJDF	IEKJFI
IEKJFU	IEKJGR	IEKKCN	IEKKOP	IEKKOS
IEKKPA	IEKKRE	IEKKSA	IEKKSJ	IEKKST
IEKKUN	IEKLAB	IEKLER	IEKLGJ	IEKLMA
IEKLOK	IEKLRG	IEKLTB	IEKFB	IEKPGK
IEKPLS	IEKPO	IEKPT	IEKPZ	IEKP30
IEKP31	IEKQAA	IEKQBM	IEKQCF	IEKQCL
IEKQRC	IEKQMT	IEKQPF	IEKQSM	IEKQSR
IEKQTL	IEKQWT	IEKQXM	IEKQXS	IEKREK
IEKRBP	IEKRCI	IEKRFL	IEKRRF	IEKRFR
IEKRF1	IEKRGB	IEKRLL	IEKRL1	IEKRRG
IEKRS	IEKRSL	IEKRSS	IEKRSS	IEKRSB
IEKTA	IEKTDG	IEKTDJ	IEKTDI	IEKTEN
IEKTEP	IEKTFM	IEKTIC	IEKTIS	IEKTLB
IEKTL0AD	IEKTL5	IEKTNL	IEKTPK	IEKTPR
IEKTRN	IEKTSR	IEKUEN	IEKVAD	IEKVBL
IEKVFN	IEKVFP	IEKVM2	IEKVPL	IEKVSU
IEKVTN	IEKVTS	IEKVUN	IEKWCN	IEKWKK
IEKXRF	IEKXRS			

## SYS1. FO520

IEYALL	IEYEXT	IEYFORT	IEYFORT2	IEYGEN
IEYINT	IEYPAR	IEYRCI	IEYUNF	

## SYS1. FO550

IPDAGH	IPDER	IPDSN	IPDTEE
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## SYS1. GENLIB

ALGLIB	ALGOL	ASSEMBLR	CENPROCS	CHANNEL
CHECKER	CKPTREST	CMDLIB	CCBLIB	CCBCL
CCNVERT	CTRLPROG	CUPOINT	DATAMGT	DCMLIB
EDIT	EDITOR	EMULATOR	FORTLIB	FORTTRAN
GENERATE	GENTSO	GJOBCTL	GRAPHICS	HELP
IMAGELIB	IOCHECK	IOCONTRL	IODEVICE	LINKLIB
LOADER	MACLIB	OUTPUT	PARMLIB	PARTITNS
PL1	PL1LIB	PROCLIB	PTOP	RESMODS
RPG	SCHEDULR	SECMODS	SECCNSLE	SGASMPAK
SGGBLPK	SGGEN100	SGIEA2AT	SGIEA2BK	SGIEA2CV
SGIEA2MS	SGIEA2NP	SGIEA2NU	SGIEA2ST	SGIEA2SU

## SYS1.GENLIB (CONTINUED)

SGIEA2SV	SGIEA2TA	SGIEA2TB	SGIEA2TC	SGIEA2TR
SGIEA2WP	SGIEA3IC	SGIEA3IL	SGIEA3IS	SGIEA5SU
SGIEC2DT	SGIEC2GR	SGIEC2PT	SGIEC2UC	SGIEC202
SGIEC3FB	SGIEC3TP	SGIEC300	SGIEC4UC	SGIEC5DI
SGIEC5DM	SGIEC5IS	SGIEC5PI	SGIEC5PL	SGIEC5PS
SGIEC5PV	SGIEC5TP	SGIEC500	SGIEC513	SGIEC519
SGIEC520	SGIEE2DC	SGIEE201	SGIEE301	SGIEE4DC
SGIEF2QM	SGIEF201	SGIEF202	SGIEF211	SGIEF212
SGIEF241	SGIEF441	SGIEF442	SGIEF443	SGIEF444
SGIEH201	SGIEH401	SGIEH402	SGIEH501	SGIEI2SV
SGIEK201	SGIEK205	SGIEK401	SGIEK405	SGIEK406
SGIEK502	SGIEM2A0	SGIEM4T0	SGIEM5C0	SGIEP200
SGIEP400	SGIEP500	SGIEP501	SGIER201	SGIER401
SGIEU501	SGIES401	SGIEU401	SGIEW201	SGIEW250
SGIEW300	SGIEW400	SGIEW401	SGIEW450	SGIEW550
SGIEX201	SGIEX401	SGIEX402	SGIFX501	SGIEY201
SGIEY401	SGIFC201	SGIFC300	SGIFC400	SGIFC600
SGIFD400	SGIFD500	SGIFF2BM	SGIFF3RN	SGIFF5LS
SGIFF523	SGIGF200	SGIGF300	SGIGF400	SGIGG501
SGIHE200	SGIHE2X1	SGIHE4X1	SGIHE5LA	SGIHE5PB
SGIHE5PC	SGIHC400	SGIHC500	SGIHI401	SGIHI501
SGIHJ500	SGIHK400	SGIHK401	SGIHK402	SGIHK500
SGIHK501	SGIKA201	SGIKA401	SGIKA501	SGIKD5TF
SGIKF200	SGIKF400	SGIKF500	SGIKF501	SGIKJ2EB
SGIKJ2EF	SGIKJ2LP	SGIKJ4EA	SGIKJ4EB	SGIKJ4FC
SGIKJ4EF	SGIKJ4EG	SGIKJ4EH	SGIKJ4IE	SGIKJ445
SGIKJ5EA	SGIKJ5EB	SGIKJ5EC	SGIKJ5EF	SGIKJ5EG
SGIKJ5EH	SGIKJ5IE	SGIKJ540	SGIKM400	SGIKM500
SGIMA401	SGIMA402	SGIMA501	SGIMB401	SGIPD400
SGIPL500	SGLEDPK1	SGLEDPK2	SGPAK248	SGPAK768
SGRELLEV	SORTLIB	SORTMERG	SUPRVSOR	SVCLIB
SVCTALEE	SYSUTILS	TEICMIIB	TSASMPAK	TSGEN100
TSOPTION	UADS	UCS	UNITNAME	

## SYS1.IMAGELIB

FCBKSTD1	FCBKSTD2	FCB2STD1	FCB2STD2	IGG019FH
IGG019FI	IGG019UM	IGG019UN	IGG019UP	IGG019UQ
IGG0197J	IGG0197K	UCS2A11	UCS2H11	UCS2P11
UCS2T11				

## SYS1.IO523

ANLZ	GARC	GCGRID	GCPRNT	GLABEL
GCOFSC	CPGRID	GPVERD	GSDPLT	GSPLLOT
GSTOR	GSVPLT	GVARC	IFFABA	IFFANA
IFFCAN01	IFFCAN02	IFFCAN03	IFFGR1TR	IFFPAAST
IFFPEAPR	IFFPCAAR	IFFPDAPL	IFFPEAGR	IFFPFAVA
IFFPGAVF	IFFPHALA	IFFPIAPG	IFFPJAPV	IFFPKADG
IFFPLARE	IFFPPASG	IGC0007A	IGC0007C	IGC0007D
IGC0007E	IGC0107A	IGC0107C	IGC0107D	IGC0207A

## SYS1.IO523 (CONTINUED)

IGC070	IGC084	IGE0010A	IGE0010B	IGE0010C
IGE0010D	IGE0110B	IGGIFF01	IGG0190A	IGG0190B
IGG0190E	IGG0190J	IGG0190K	IGG0193L	IGG0193Y
IGG0193Z	IGG0203X	IGG0203Y	PENTRK	

## SYS1.IO526

IGC054	IGG019GA	IGG019GB	IGG019GC	IGG019GD
IGG019GE	IGG019GF	IGG019GG	IGG019GL	IGG019GM
IGG019GN	IGG019GO	IGG019GV	IGG019GW	IGG019GX
IGG019GY	IGG019GZ	IGG019G0	IGG019G1	IGG019G2
IGG019G3	IGG019G4	IGG019G5	IGG019G6	IGG019G7
IGG019G8	IGG019G9	IGG019HA	IGG019HB	IGG019HD
IGG019HF	IGG019HG	IGG019HH	IGG019HI	IGG019HJ
IGG019HK	IGG019HL	IGG019HN	IGG019HP	IGG019H3
IGG019H7	IGG019IA	IGG019IB	IGG019IE	IGG019IF
IGG019IM	IGG019IN	IGG019IO	IGG019IX	IGG019IY
IGG019IZ	IGG019I1	IGG019I2	IGG019I9	IGG019JC
IGG019JH	IGG019JI	IGG019JJ	IGG019JK	IGG019JL
IGG019JM	IGG019JN	IGG019JO	IGG019JP	IGG019JQ
IGG019JR	IGG019JS	IGG019JT	IGG019JU	IGG019JV
IGG019JW	IGG019JX	IGG019J0	IGG019J3	IGG019J6
IGG019J7	IGG0192A	IGG0192B	IGG0192C	IGG0192D
IGG0192E	IGG0192F	IGG0192G	IGG0192H	IGG0192I
IGG0192J	IGG0192K	IGG0192L	IGG0192M	IGG0192N
IGG01920	IGG0192P	IGG0192Q	IGG0192R	IGG0192S
IGG0192T	IGG0192U	IGG0192V	IGG0192W	IGG0192X
IGG0192Z	IGG01920	IGG01921	IGG01922	IGG01924
IGG01925	IGG01927	IGG01928	IGG01929	IGG0195D
IGG0195G	IGG0195T	IGG0195U	IGG01950	IGG0196C
IGG0196D	IGG0196G	IGG0202A	IGG0202D	IGG0202I
IGG0202J	IGG0202K	IGG0202L	IGG0202M	IGG0202N
IGG02028	IGG02029	IGG032I1	IGG032I2	IGG032I3
IGG032I4	IGG032I5	IGG032I6	IGG032I7	IGG032I8

## SYS1.LD547

IEWLDIDY	IEWLDIOC	IEWLDIIB	IEWIDREL	IEWLDRGO
LOADER				

## SYS1.LINKLIB

ASMBLR	DEVMSKRT	DEVNAMET	GO	HMASMP
IEAXPALL	IEAXPDXR	IEAXPSIM	IEBCCMPR	IEBCOPY
IEBCRANL	IEBCREAT	IEBDG	IEBDGCUP	IEBDGMSG
IEBEDIT	IEBFDANL	IEBFDTBI	IEBGENER	IEBISAM
IEBISC	IEBISF	IEBISL	IEBISPL	IEBISU
IEBTPCH	IEBUPDTE	IECBBFB1	IECQBF1	IEECIR51
IEECVCTI	IEEDEXIT	IEEDFINE	IEEDFINC	IEEDFIN1



## SYS1.LINKLIB (CONTINUED)

IEEDFIN2	IEEDFIN3	IEEDFIN4	IEEDFIN5	IEEDFIN6
IEEDFIN7	IEEDFIN8	IEEDFIN9	IEEDPART	IEEPRTN
IEEPSN	IEEREXIT	IEESD562	IEESD563	IEESD564
IEESD565	IEESD566	IEESD575	IEESD576	IEESD577
IEESD578	IEESD579	IEESD580	IEESD581	IEESD582
IEESD583	IEESD584	IEESD590	IEESD591	IEESD82A
IEEVACTL	IEEVICLR	IEEVLNKT	IEEVOMSG	IEEVPRES
IEEVRC	IEEVRCTL	IEEVRJCL	IEEVSTAR	IEEVTCTL
IEEVWTR1	IEEZEXIT	IEE0503D	IEE591SD	IEFALENT
IEFALRET	IEFBR14	IEFCVOL1	IEFCVOL2	IEFCVOL3
IEFDSLRP	IEFDSO	IEFDSOAL	IEFDSOFB	IEFDSOSM
IEFDSOWR	IEFICR	IEFIRC	IEFMCVOL	IEFPPGM
IEFPRINT	IEFPRT	IEFQDELE	IEFQINTZ	IEFQMNQ2
IEFQMRW	IEFQSSS	IEFQMUNC	IEFRCLN1	IEFRCLN2
IEFRSTRT	IEFSDTTE	IEFSDXXX	IEFSDXYZ	IEFSD068
IEFSD070	IEFSD071	IEFSD078	IEFSD079	IEFSD080
IEFSD085	IEFSD086	IEFSD087	IEFSD094	IEFSD105
IEFSD168	IEFSD300	IEFSD304	IEFSD308	IEFSD510
IEFSD511	IEFSD512	IEFSD514	IEFSD516	IEFSD518
IEFSD519	IEFSD526	IEFSD530	IEFSD531	IEFSD534
IEFSD535	IEFSD537	IEFSD541	IEFSD556	IEFSD569
IEFSD584	IEFSD585	IEFSD586	IEFSD587	IEFSD588
IEFSD589	IEFSD599	IEFSMR	IEFSQINT	IEFVGM1
IEFVGM10	IEFVGM11	IEFVGM12	IEFVGM13	IEFVGM14
IEFVGM15	IEFVGM16	IEFVGM17	IEFVGM18	IEFVGM19
IEFVGM2	IEFVGM3	IEFVGM4	IEFVGM5	IEFVGM6
IEFVGM67	IEFVGM7	IEFVGM70	IEFVGM71	IEFVGM76
IEFVGM78	IEFVGM8	IEFVGM9	IEFVHA	IEFVHAA
IEFVHB	IEFVHC	IEFVHCB	IEFVHG	IEFVHM
IEFVHN	IEFVH1	IEFVINA	IEFVMCVL	IEFVM1
IEFV6LS	IEFVRR3	IEFVRRCA	IEFVRRCB	IEFVRR1
IEFVRR2	IEFVRR3	IEFVR2AE	IEFVR3AE	IEFV15XL
IEFW4221	IEFWA000	IEFWC000	IEFWD000	IEFWSYP3
IEFW21SD	IEFW41SD	IEFW42SD	IEFXA	IEFXJX5A
IEFXJ000	IEFXK000	IEF085SD	IEF086SD	IEF36FK2
IEF36WTO	IEF536EP	IEF589SP	IEF850SD	IEHATLAS
IEHDANAL	IEHDAOUT	IEHDASDR	IEHDASDS	IEHDCCELL
IEHDDUMP	IEHDGETA	IEHDLABL	IEHDMSG	IEHCPASS
IEHDFRNT	IEHRCVR	IEHCREST	IEHDSKAN	IEHDVTOC
IEHINTT	IEHIOSUP	IEHLIST	IEHMOVE	IEHVERA
IEHMVERE	IEHMVESA	IEHMVESC	IEHMVESE	IEHMVESH
IEHMVESI	IEHMVESJ	IEHMVESK	IEHMVESL	IEHMVESM
IEHMVESN	IEHMVESO	IEHMVESE	IEHMVESQ	IEHMVESR
IEHMVESS	IEHMVEST	IEHMVESU	IEHMVESV	IEHMVESX
IEHMVESY	IEHMVESZ	IEHNVETA	IEHNVETG	IEHNVETJ
IEHVFTEI	IEHVMXSE	IEHVMXSF	IEHPRNT	IEHPRGM
IEHSCAN	IEUASM	IEUERR	IEUFI	IEUFPF
IEUF1	IEUF2	IEUF3	IEUF3E	IEUF7
IEUF8	IEUMAC	IEURTA	IEWL	IEWLF440
IEWSZCVR	IEZCCODE	IEZNCODE	IFCDIP00	IFCECUA0
IFCEI050	IFCEMERO	IFCEMER1	IFCEMER2	IFCEMER3
IFCEMER4	IFCEMER5	IFCEP005	IFCEP007	IFCEP008
IFCEP009	IFCEREPO	IFCET001	IFCET002	IFCET003

## SYS1.LINKLIB (CONTINUED)

IFCET004	IFCET012	IFCEUCCH	IFCEUCPU	IFCEUKNO
IFCEUOBR	IFCEUTYP	IFCEVCL0	IFCE0050	IFCE1015
IFCE1052	IFCE1053	IFCE1275	IFCE1285	IFCE1287
IFCE1288	IFCE1403	IFCE1419	IFCE1442	IFCE1443
IFCE1445	IFCE2150	IFCE2245	IFCE2250	IFCE2260
IFCE2280	IFCE2282	IFCE2301	IFCE2302	IFCE2303
IFCE2305	IFCE2311	IFCE2314	IFCE2321	IFCE2400
IFCE2495	IFCE2501	IFCE2520	IFCE2540	IFCE2671
IFCE2701	IFCE2702	IFCE2703	IFCE2955	IFCE3066
IFCE3210	IFCE3211	IFCE3215	IFCE3277	IFCE3284
IFCE3286	IFCE3330	IFCE3420	IFCE3505	IFCE3525
IFCE5450	IFCMES00	IFCMSG00	IFCRE002	IFCRE003
IFCSA050	IFCSCUA0	IFCSIA50	IFCSI050	IFCST001
IFCST002	IFCST003	IFCST012	IFCSUCCH	IFCSUCPU
IFCSUKNO	IFCSUOBR	IFCSUTYP	IFCSVOL0	IFCS0050
IFCS1015	IFCS1052	IFCS1053	IFCS1275	IFCS1285
IFCS1287	IFCS1288	IFCS1403	IFCS1419	IFCS1442
IFCS1443	IFCS1445	IFCS2150	IFCS2245	IFCS2250
IFCS2260	IFCS2280	IFCS2282	IFCS2301	IFCS2302
IFCS2303	IFCS2305	IFCS2311	IFCS2314	IFCS2321
IFCS2400	IFCS2495	IFCS2501	IFCS2520	IFCS2540
IFCS2671	IFCS2701	IFCS2702	IFCS2703	IFCS2955
IFCS3066	IFCS3210	IFCS3211	IFCS3215	IFCS3277
IFCS3284	IFCS3286	IFCS3330	IFCS3420	IFCS3505
IFCS3525	IFCS5450	IGG019B0	IHGUADEL	IHGUAPE
IHLGTF	IHLGTF1	IHLINT2	IHLINT3	IHLINT4
IHLRMON	IHLROUT	IHLSCAN	IHLTAIR	IHLTAR2
IHLTAR3	IHLTAR4	IHLTAR5	IHLTAR6	IHLTCTL
IHLTDCB	IHLTERM	IHLTFIL	IHLTMG1	IHLTPED
IHLTPMT	IHLTSCN	IHLTSIO	IHLTSVC	IHLTSYSV
IHLTTAB	IHLTUSR	IHLT103	IHLWRAP	IHLWRTE
IMAPTFL	IMAPTFL01	IMAPTFL02	IMASFZAP	IMBLIST
IMBMDMAP	IMCOSJQD	IMDDEAD	IMDPRDMP	IMDPRDPS
IMDPRFSR	IMDPRFUB	IMDPRFUR	IMDPRFXT	IMDPRLOD
IMDPRIPA	IMDPRMST	IMDPRNUC	IMDPROOT	IMDPRPAL
IMDPRPCR	IMDPRPDR	IMDPRRJB	IMDPRRMS	IMDPRQCB
IMDPRSCN	IMDPRSWP	IMDPRTSC	IMDPRXED	IMCSYS00
IMDSYS01	IMDSYS02	IMDSYS03	IMDTREAD	IMDUSRFF
LINKEDIT	SMALLGO	SPRINTER		

## SYS1.LM501

ADCON#	AINTE	ALGAMA	ALOG	ALOG10
AMAX0	AMAX1	AMINO	AMIN1	AMOD
ARCOS	ARSIN	ATAN	ATAN2	CAES
CCOS	CDABS	CDCOS	CDDVD#	CDEXP
CDLOG	CDMPY#	CDSIN	CDSQRT	CEXP
CGOTO#	CLOG	COS	COSH	COTAN
CSIN	CSQRT	DARCCS	DARSIN	DATAN
DATAN2	DCOS	DCOSH	DCOTAN	DEBUG#
DERF	DERFC	DEXP	DGAMMA	DLGAMA
DLOG	DLOG10	DMAX1	DMIN1	DMOD

SYS1.LM501 (CONTINUED)

DSIN	DSINH	DSQRT	DTAN	DTANH
DUMP	LVCHK	ERF	ERFC	ERRMON
ERRSAV	ERRSET	ERRSTR	EXIT	EXP
FCDXI#	FCXPI#	FDXPD#	FDXPI#	FIXPI#
FRDNL#	FRXPI#	FRXPR#	FWRNL#	GAMMA
IBERH#	IBERR#	IDINT	IHCADJST	IHCCGOTO
IHCCLABS	IHCCLAS	IHCCLXFP	IHCCLLOG	IHCCLSCN
IHCCLSQT	IHCCSABS	IHCSSAS	IHCCEXP	IHCSSLOG
IHCSSJCN	IHCSSQT	IHCDBUG	IHCDCSE	IHCFCOMB
IHCCEIOS	IHCFFIOS	IHCENFTH	IHCERRE	IHCERRM
IHCETRCH	IHCFAINT	IHCFCDXI	IHCFCOME	IHCFCOMB
IHCFCVTH	IHCFCXPI	IHCFDUMP	IHCFDVCH	IHCDFDXP
IHCFDXPI	IHCFFIX	IHCFFIX	IHCFFINTH	IHCFFIOSH
IHCFIXPI	IHCFFMAXD	IHCFFMAXI	IHCFFMAXR	IHCFFMODI
IHCFFMCDR	IHCFOPT	IHCFOVER	IHCFRXPI	IHCFRXPR
IHCFFSLIT	IHCIBERH	IHCIBERR	IHCLASCN	IHCLATAN
IHCLANZ	IHCLERF	IHCLEXP	IHCLGAMA	IHCLLOG
IHCLSCN	IHCLSCNH	IHCLSQRT	IHCLTANH	IHCLTNCT
IHCNAMEL	IHCASCN	IHCATAN	IHCATAN2	IHCSERF
IHCSEXP	IHCSGAMA	IHCSSLOG	IHCSSCN	IHCSSCNH
IHCSSQRT	IHCSTAE	IHCSTANH	IHCSTNCT	IHCTRCH
IHCUOPT	IHCUOPTN	INT	MAX0	MAX1
MIN0	MIN1	MOD	OVERFL	PDUMP
SIN	SINH	SLITE	SLITET	SQRT
TAN	TANH			

SYS1.LM512

IHEAPU0	IHEABV0	IHEABW0	IHEABZ0	IHEADV0
IHEATWH	IHEATWN	IHEATZH	IHEATZN	IHECLSA
IHECLTA	IHECLTB	IHECTTA	IHECTTB	IHECTTC
IHEDMA	IHEDOMA	IHEDVU0	IHEDVV0	IHEZWO
IHEZZ0	IHEERDA	IHEEREA	IHEERIA	IHEERNA
IHEERCA	IHEERPA	IHEERSA	IHEERSB	IHEERTA
IHEESMA	IHEESMB	IHEESSA	IHEESSB	IHEFXW0
IHEEXZ0	IHEITBA	IHEITCA	IHEITDA	IHEITEA
IHEITFA	IHEITGA	IHEITHA	IHEITJA	IHEITKA
IHEITLA	IHEITMA	IHEITNA	IHEITOA	IHEITPA
IHELNW0	IHELNZ0	IHEMPU0	IHEMPV0	IHEMSIA
IHEMSTA	IHEMSWA	IHEMZUD	IHEMZUM	IHEMZVD
IHEMZVM	IHEMZWO	IHEZZ0	IHEFCPNA	IHEOPOA
IHEOPFA	IHEOPQA	IHECFZA	IHECSIA	IHEOSTA
IHEOSWA	IHEPDW0	IHEPLX0	IHEPDZ0	IHEPSW0
IHEPSX0	IHEPSZ0	IHESNX0	IHESNWC	IHESNWK
IHESNWS	IHESNWZ	IHESNZC	IHESNZK	IHESNZS
IHESNZZ	IHESSQW0	IHESSZ0	IHESSX0	IHESTAA
IHESEEA	IHETEXA	IHETEXB	IHETEXC	IHETNWH
IHETNWN	IHETNZH	IHETNZN	IHETOMA	IHETOMB
IHETOMC	IHETOMD	IHETOME	IHEVCS	IHEVCSA
IHEVCSB	IHEXIU0	IHEXIVO	IHEXIWO	IHEXIZ0
IHEXXW0	IHEXXZ0	IHEYGWS	IHEYGWV	IHEYGXS
IHEYGXV	IHEYGZS	IHEYGZV	IHEZZAA	IHEZZBA

SYS1.LM512 (CONTINUED)

IHEZZCA	IHEZZFA			
SYS1.LM532				
IHIERM	IHIERR	IHIERROR	IHIFDD	IHIPDI
IHIFII	IHIFRI	IHIFRR	IHIFSA	IHIFSAIN
IHIGPR	IHIGPRL	IHIGPRGT	IHIGRPRT	IHIAR
IHIARRT	IHIARRY	IHIIBA	IHIIBARR	IHIIBO
IHIIBCAR	IHIIBOOL	IHIIDE	IHIIDEAI	IHIIDEII
IHIIDEIR	IHIIOR	IHIIOREN	IHIIOREV	IHIIORNX
IHIIOROP	IHIISY	IHIISYMB	IHIIAT	IHILEX
IHIILC	IHIILOR	IHIILORAR	IHILOREL	IHIILSC
IHIILSCC	IHIILSCS	IHIILSQ	IHIICAR	IHIICARRY
IHIICBA	IHIIOBARR	IHIIOBO	IHIIOBOAR	IHIIOBOOL
IHIIOIN	IHIIOINAR	IHIICINTG	IHIICST	IHIICSTRG
IHIOSY	IHIOSYMB	IHIOTA	IHIOTARR	IHIPTT
IHIPTTAB	IHISAT	IHISEX	IHISLC	IHISOR
IHISORAR	IHISOREL	IHISSC	IHISSCC	IHISSCS
IHISSQ	IHISYS	IHISYSCT		

SYS1.LM537

BCNV	GSP01	IFFAAA01	IFFAAA02	IFFAAA03
IFFAAA04	IFFAAA05	IFFAAA06	IFFACA00	IFFACA01
IFFACA02	IFFACA03	IFFACA04	IFFACA05	IFFACA06
IFFACA07	IFFACA08	IFFACA13	IFFACA50	IFFADA01
IFFADA02	IFFADA03	IFFAEA01	IFFAEA02	IFFAEA03
IFFAEA04	IFFAEA06	IFFAEA07	IFFAFA01	IFFAFA02
IFFAFA03	IFFAFA04	IFFAFA05	IFFAFA06	IFFAFA07
IFFAFA08	IFFAFA09	IFFAFA10	IFFAFA11	IFFAFA12
IFFAFA13	IFFAFA14	IFFAFA15	IFFAFA16	IFFAFA17
IFFAFA18	IFFAFA19	IFFAGA01	IFFAGA02	IFFAGA03
IFFAGA04	IFFAGA05	IFFAGA06	IFFAGA07	IFFAGA08
IFFAHA01	IFFAHA02	IFFAHA03	IFFAHA04	IFFAHA05
IFFAHA06	IFFAHA07	IFFAHA09	IFFAHA11	IFFAHA12
IFFAHA13	IFFAHA14	IFFAHA15	IFFAHA16	IFFAJA01
IFFAJA02	IFFAJA03	IFFAJA04	IHCSP01	IHCSP02
IHCSP03	IHCSP04	IHEGSP01	IHEGSP03	INGSP
TMGSP				

SYS1.LM542

GDCFE	GDCFF	GDCFI	GDCTE	GDCIF
GDCTI	GTCLT	GTEND	GTNIT	GTRIC
GTWRT	IKDGDCFE	IKDGDCFF	IKDGDCFI	IKDGDCTE
IKDGDCTF	IKDGDCTI	IKDGTCLR	IKDGTCLI	IKDGTEND
IKDGTIRB	IKDGTNIT	IKCRDWR	IKDUATBI	

SYS1.LM546

ILBOACP0	ILBOANE0	ILBOANF0	ILBOATB0	ILBOBID0
ILBOBID1	ILBOBID2	IIBCIEI0	ILBOBIE1	ILBOBIE2
ILBOBII0	ILBOBII1	ILBOBII2	ILBOCKP0	ILBOCLS0
ILBODCI0	ILBODCI1	ILBCDSF0	ILBODTE0	ILBOCTE1
ILBOEFL0	ILBOEFL1	IIBCEFL2	ILBOERR0	IIEOERR1
ILBOERR2	ILBOERR3	ILBOERR4	ILBOERR5	ILBOERR6
ILBOETB0	ILBOFPW0	IILBCGFW0	ILBOIDL0	IIEOILB1
ILBOILR0	ILBOIDT0	ILBOIFB0	ILBOIFB1	ILBOIFB2
ILBOIFD0	ILBOIFD1	IILBCITB0	ILBOIVL0	IIEPOMVL0
ILBOPTV0	ILBOPTV1	IIEOPTV2	ILBOSAMR	ILBOSAM0
ILBOSCH0	ILBOSGM0	IILBCSGM1	ILBOSGM2	IIEOSPA0
ILBOSRT0	ILBOSTI0	ILBOSTP0	ILBOSTP1	ILBOTEF0
ILBOTEF1	ILBOTEF2	IILBCTEF3	ILBOTRNO	IIEOUTB0
ILBOVM00	ILBOVM00	ILBOVM01	ILBOVTR0	ILBOWTB0
ILBOXDI0	ILBOXMU0	ILBCXFR0		

SYS1.MACLIB

ABENC	ANALYZ	AS	ASCTR	ASGNBFR
ASLIST	ASMTRTAB	ATLAS	ATTACH	ATTINIQ
BLDL	BREAKOFF	BSP	BUFFER	BUFINQ
BULLD	EUILDRCD	CALL	CAMLST	CANCELM
CATALOG	CHAP	CHECK	CHGMTRY	CHKPT
CHNGP	CHNGT	CIRB	CKREQ	CLOSE
CLOSEMC	CNTRL	CCNFIGUR	COPYP	COPYQ
COPYT	COUNTER	CRJELINE	CRJETABL	CRJUSER
CTRGROUP	CTRLIST	CTRSCHED	DAR	DATSTMP
DCB	DCBD	DEFAREA	DEFCCW	DELETE
DEQ	DETACH	DEULIST	DEVTYPE	DFTRLMST
DIRECT	DISPGUID	DIIST	DOM	DSPLY
DXR	ENDRCV	ENDREADY	ENDSEND	ENQ
EOA	EOB	ECBIC	EOV	ERRMSG
ESETL	EXCP	EXTRACT	FDCTRL	FDDSPLY
FDEND	FDFIELD	FDFCRM	FDLINE	FDLOAD
FDPAGE	FDSYNTAX	FDTRACE	FEOV	FIND
FREEBUF	FREEDBUF	FREENAIN	FREEPCLL	GAIC
GBFLM	GBINF	GEPOS	GBPST	GCNL
GCNOP	GCNTRL	GCCN	GDCDS	GDPL
GRD	GDS	GDSF	GDUAS	GDULIST
GDUTRANS	GDV	GECF	GECP	GECV
GENSL	GEOS	GEP12	GEPM	GESD
GESM	GESU	GET	GETBUF	GETMAIN
GETPCOL	GEVI2	GFVM	GFEF	GFFM
GFRM	GIBLC	GINIT	GLCW	GLIC
GLRC	GLRR	GLTR	GLVS	GMLD
GMLW	GMSR	GMVA	GNOP2	GNOP2
GNOP4	GODEL	GPDI	GRDA	GRDB
GRDE	GRDS	GREAD	GREADR	GSELC
GSEPOS	GSCW	GSERV	GSIC	GSRT
GSXY	GTDD	GTND	GTNS	GINZ
GTOS	GTRACE	GTRU	GTR1	GTR2
GTR3	GTR4	GTSL	GTXT	GTZE

SYS1.MACLIB (CONTINUED)

GUSTCR	GWRITE	IDENTIFY	IDFASM	IDFDS P
IDFGBL	IDFIN01	IDFIN02	IDFIN03	IDFIN04
IDFIN05	IDFIN06	IDFIN07	IDFIN08	ICFIN09
IDFIN10	IDFIN11	IDFMSG	IDFMSG1	IDFMSG2
IDFMSG3	IDFTR	IDFTRK	IECTDECB	IEFDSOCB
IHBERMAC	IHBGAM1	IHBGAM2	IHBGAM3	IHBINNRA
IHBINNRB	IHBOPLST	IHBRDWRD	IHBRDWRK	IHERDWRS
IHBRDWRP	IHB01	IHB02	IHB03	IHLMGTRC
IKJPSCB	IMDMEDIT	IMDSADMP	IMGLIB	INDEX
INTERCPT	IOHALT	LERE	LERPRT	LINK
LOAD	LOCATE	LOGSEG	LOPEN	LPSTART
MODE	NOTE	CACE	CBTAIN	CNLTST
OPCTI	OPEN	OPTION	PARAMNUM	PARMLIST
PAUSE	POINT	PCLI	FCILIMIT	PCST
PCSTRCV	POSTSEND	PROCESS	PROTECT	PRTOV
PUT	PUTX	QEDIT	RCVEITA2	RCVEZSC3
RCVHDR	RCVSEG	RDJFCE	RLNLE	READ
RELBUF	RELEASEM	RELEX	REISE	RENAME
REQBUF	REROUTE	RESCN	RESERVE	RESETPL
RETRIEVE	RETURN	RJELINE	RJETABL	RJETERM
RJUSER	RLSFBFR	ROUTE	SAEC	SAVE
SCANREQ	SCRATCH	SEGLD	SEGWT	SENCHER
SENDTA2	SENDS EG	SENZSC3	SEQIN	SEQOUT
SETL	SETPRT	SKIP	SMPWTM	SNAP
SOURCE	SPAR	SPIE	STAE	STARTLN
STATUS	STEND	STIMER	STOPLN	STOW
SYNADAF	SYNADRLS	TERM	TERMTBL	TGROUP
TIME	TIMESTMP	TPEDIT	TRANS	TRANSLAT
TRLIST	TRNSLATE	TRSLRCTW	TRSLRCT3	TRSLCTW
TRSLSCT3	TRUNC	TSEVENT	TTIMER	TWAIT
WAIT	WAITR	WRITE	WRU	WTI
WTO	WTOR	XCTL	XDAP	XLATE

SYS1.MODGEN

CMT	CVT	DARMAC	BOOK	IEAAIH
IEAAMS	IEAAPS	IEAAPT	IEAATA	IEAATC
IEAAWT	IEACVTPC	IEAQAT	IEAQBK	IEAQCH
IEAQET	IEAQFX	IEAQGM	IEACNU	IEACPR
IEAQTR	IEATCB	IEATRC	IECDSECT	IECGBL
IECICS	IECICF	IECICG	IECICLCT	IECINT
IECIOQE	IECIOS	IECIOUSB	IECICUB	IECIUCB
IECIUCBA	IECLNK1	IECSDSL1	IECSSDA	IECTBL
IECULK1	IECULK2	IECULK3	IECXCP	IECXTCH
IEC23XXF	IEEBASEA	IEEBASEB	IEECAWR	IEECBJH
IEECEJM	IEECGCB	IEECHAIN	IEECHATR	IEECHCB
IEECRDCM	IEECRJK	IEECSUB	IEECUM	IEECVMUG
IEEGMSLT	IEEXSA	IEFACCM	IEFAJCTB	IEFASCTB
IEFJFCBN	IEFJFCBX	IEFQMR	IEFSD032	IEFSD033
IEFSGNOP	IEFTIOT1	IEFUCBOB	IEFVTIOT	IEZBITS
IEZJSCB	IEFBSRLOG	IGFCATAP	IGFINIT	IHBABCTL

SYS1.MOIGEN (CONTINUED)

IHBCOB	IHADMPA	IHBREINC
IHEKLE	IHEKLENT	IHBXLIN
IHLMBOOK	IKJRB	IKJTCB
IKJTS CVT	ICRMS COM	IOSGNIP
MPFX	SCBDUMP	SCVT
SGIEF0VR	SGIEE0VV	SGIEE00V
SGIEF0QM	SGIEF001	SGIEF002
SGIEF012	SGIEF013	SGIEF015
SGIEK005	SGIEK006	SGIEP000
SGIEW05C	SGIEY001	SGIEY001
SGIHE000	SGIHE0X1	SGIHE0X2
SGIHE0X5	SGIHE0X6	SGIKF000

SYS1.MOIGEN2

IEAANIP

SYS1.NL511

IEMAA	IEMAAA	IEMAB	IEMAC	IEMAD
IEMAE	IEMAG	IEMAH	IEMAI	IEMAJ
IEMAK	IEMAL	IEMAM	IEMAN	IEMAP
IEMAS	IEMAT	IEMAV	IEMBC	IEMBE
IEMBF	IEMBG	IEMBI	IEMBJ	IEMEM
IEMBN	IEMBO	IEMBP	IEMBR	IEMBS
IEMBT	IEMBU	IEMBV	IEMBW	IEMEX
IEMCA	IEMCC	IEMCE	IEMCG	IEMCI
IEMCK	IEMCL	IEMCM	IEMCN	IEMCO
IEMCP	IEMCR	IEMCS	IEMCT	IEMCV
IEMCW	IEMED	IEMEF	IEMEG	IEMEH
IEMEI	IENEJ	IEMEK	IEMEL	IEMEM
IEMEP	IEMEV	IEMEW	IEMEX	IEMFY
IEMEZ	IEMFA	IEMFB	IEMFE	IEMFF
IEMFI	IEMFO	IEMFP	IEMFQ	IEMFT
IEMFU	IEMFV	IEMFW	IEMFX	IEMFY
IEMFZ	IEMF1	IEMGA	IEMGB	IEMGC
IEMGK	IEMGO	IEMGP	IEMGQ	IEMGR
IEMGU	IEMGV	IEMHF	IEMHG	IEMHK
IEMHL	IEMHP	IEMIA	IEMIB	IEMIC
IEMIG	IEMIK	IEMIL	IEMIM	IEMIN
IEMIP	IEMIQ	IEMIT	IEMIX	IEMJD
IEMJI	IEMJJ	IEMJK	IEMJL	IEMJM
IEMJP	IEMJZ	IEMKA	IEMKE	IEMKC
IEMKE	IEMKG	IEMKJ	IEMKO	IEMKV
IEMKP	IEMKQ	IEMKT	IEMKU	IEMKV
IEMLE	IEMLC	IEMLD	IEMLG	IEMLI
IEMLR	IEMLS	IEMLT	IEMLU	IEMLV
IEMLW	IEMLX	IEMLY	IEMMA	IEMMB
IEMMC	IEMMD	IEMME	IEMMF	IEMMG
IEMMH	IEMMI	IEMMJ	IEMMK	IEMML
IEMMM	IEMMN	IEMMC	IEMMP	IEMMS

SYS1.NL511 (CONTINUED)

IEMMI	IEMNA	IEMNB	IEMNG	IEMNH
IEMNJ	IEMNK	IEMNN	IEMNN	IEMNT
IEMNU	IEMNV	IEMO	IEMOC	IEMOD
IEMOE	IEMOF	IEMOG	IEMCH	IEMCI
IEMOI	IEMOM	IEMON	IEMOO	IEMOP
IEMOQ	IEMOS	IEMCT	IEMCU	IEMFA
IEMPD	IEMPH	IEMPL	IEMPM	IEMPO
IEMPP	IEMPT	IEMFU	IEMFV	IEMCF
IEMQG	IEMQH	IEMQJ	IEMQK	IEMQL
IEMQU	IEMQX	IEMRA	IEMRB	IEMRC
IEMRD	IEMRF	IEMRG	IEMTF	IEMTJ
IEMTK	IEMTO	IEMTF	IEMTQ	IEMT
IEMTU	IEMUA	IEMUE	IEMUC	IEMUD
IEMUE	IEMUF	IEMUG	IEMUH	IEMUI
IEMXA	IEMXB	IEMXC	IEMXF	IEMXG
IEMXH	IEMXI	IEMXJ	IEMXO	IEMXP
IEMXQ	IEMXR	IEMXS	IEMXT	IEMXU
IEMXV	IEMXW	IEMYL	IEMYM	IEMYN
IEMYO	IEMYP	IEMYQ	IEMYX	IEMY

SYS1.NUCLEUS

IEANUC01

SYS1.PARMLIB

IEABLD00	IEAIGE00	IEAIGG00	IEAIGG01	IEARSV00
LNLKST00	SMFDEFLT			

SYS1.PL1LIB

IHEABND	IHEADD0	IHEAFDA	IHEAFDB	IHEATL1
IHEATL2	IHEATL3	IHEATL4	IHEATS1	IHEATS2
IHEATS3	IHEATS4	IHEBEGA	IHEBEGN	IHEBSA0
IHEBS00	IHEBSD0	IHEESF0	IHEBSI0	IHEESKA
IHEBSKK	IHEBSKR	IHEPSMF	IHEBSMV	IHEBSMZ
IHEBSNO	IHEBS00	IHEBSS2	IHEBSS3	IHEESTA
IHEBSVA	IHECFAA	IHECFEA	IHECFCA	IHECKPS
IHECKPT	IHECNTA	IHECNTB	IHECS00	IHECS10
IHECSKK	IHECSKR	IHECSMB	IHECSMF	IHECSMH
IHECSML	IHECSMV	IHECSS2	IHECSS3	IHECSTA
IHECSVA	IHECBN	IHECENA	IHECCN	IHECDNA
IHEDCNB	IHEDDIA	IHEDDIB	IHEDDJ	IHEDDJA
IHEDDC	IHEDDOA	IHEDDOB	IHEDDOC	IHEDDOD
IHEDDOE	IHEDDP	IHEDDFA	IHEDDFE	IHEDDPC
IHEDDPD	IHEDDT	IHEDDTA	IHEDDTB	IHEDDTC
IHEDDTD	IHEDDTE	IHEDIA	IHEDIAA	IHEDIAB
IHEDIBA	IHECIBB	IHECILA	IHECIE	IHECIEA
IHEDILA	IHEDIIB	IHEDMA	IHEDMAA	IHECNB



SYS1.RC541

IKAACCTG	IKABDHK	IKABENDA	IKACKYT	IKACTL
IKADAT	IKADGM	IKADIA	IKADIR	IKADMSG
IKADOR	IKAEEXT	IKAGCMD	IKAIERR	IKAINIT
IKAJCL	IKALPM	IKAMBEG0	IKAMCSR0	IKAMDES0
IKAMENT0	IKAMERR0	IKAMINIT	IKAMRECO	IKAMSPE0
IKAMWRI0	IKAPBEG0	IKAPCAN0	IKAPCSR0	IKAPDES0
IKAPDIS0	IKAPENT0	IKAPLOG0	IKAPLON0	IKAPRDGM
IKAPRECO	IKAPROCO	IKAPSMB0	IKAPSP0	IKAPWRI0
IKASCH	IKASDENQ	IKASD079	IKASD080	IKASD081
IKASD082	IKASD083	IKASD084	IKASMEC1	IKASMSA
IKASMS1	IKASMS2	IKASMS3	IKASMS4	IKASPD
IKASVC	IKATCST0	IKATDES0	IKATENT0	IKATLOG0
IKATLCNO	IKATRECO	IKATSP0	IKATWR10	IKA079SD
IKA082SD	IKA083SD			

SYS1.RC543

IKDCTL	IKDINIT	IKDINPRC	IKDIOR	IKDMSG
IKDPLCFO	IKDPRECO	IKDPRSJP		

SYS1.RC551

IHKAFI	IHKALC	IHKAST	IHKAVT	IHKAWS
IHKBGN	IHKBPM	IHKBSH	IHKBST	IHKCCI
IHKCCS	IHKCC1	IHKCC2	IHKCC3	IHKCC4
IHKCC5	IHKCC6	IHKCC7	IHKCC8	IHKCDP
IHKCGN	IHKCIP	IHKCIN	IHKCME	IHKLEF
IHKDEF	IHKDSP	IHKELT	IHKED1	IHKEND
IHKEOS	IHKERR	IHKEXC	IHKEXF	IHKGCW
IHKGET	IHKINI	IHKIPT	IHKIRL	IHKIRP
IHKLAB	IHKLAD	IHKLAP	IHKLAT	IHKLAY
IHKLDC	IHKLDS	IHKLEW	IHKLGF	IHKIGN
IHKLST	IHKMAA	IHKRGE	IHKMOD	IHKMSG
IHKMUF	IHKNEX	IHKNUM	IHKOPN	IHKOUT
IHKPUI	IHKRER	IHKRNQ	IHKRNR	IHKSAV
IHKSCN	IHKSDQ	IHKSMG	IHKSDN	IHKSRV
IHKSTP	IHKSTS	IHKSUB	IHKSYN	IHKTAB
IHKOTM	IHKWTR			

SYS1.RG038

IESRPG	IES00010	IES00910	IES03010	IES03910
IES04010	IES04910	IES05010	IES05910	IES06010
IES06910	IES07010	IES07910	IES08A10	IES08010
IES08910	IES09010	IES09910	IES10010	IES10910
IES11010	IES11910	IES12010	IES12910	IES13010
IES13910	IES14010	IES14910	IES15010	IES15910
IES16010	IES16910	IES17010	IES17910	IES18010
IES18910	IES19010	IES19910	IES20010	IES20910
IES21010	IES21910	IES22010	IES22910	IES23010

SYS1.RG038 (CONTINUED)

IES23910	IES24010	IES24110	IES24210	IES24310
IES24410	IES24510	IES24610	IES24710	IES24910
IES25010				

SYS1.SAMPLIB

COBSAMP	CTLG2311	CTLG2314	CTLG3330	CASDI
DRISAMP	DUMPREST	GPSAMP	IBCDASDI	IBCDMPRS
ICAPRTBL	IEAIPL00	IEBDATGN	IEMSF2	IEPSAMP
IERSP	IHUESP	IEXSAMP	IEYSP	IHGSAMP
IKDSAMPL	IKFSAMP	PI1SAMP	RPGSMP	SAMACTRT
SAMP2250	SAMP2260	SAMP327L	SAMP327R	SMFEKITS
SMFE15	SMFE35A	SMFE35B	SMFPOST	SMFSORT
TESTEXIT	UNCT2311	UNCT2314	UNCT3330	USERLABL

SYS1.SM023

IERABA	IERABB	IERABC	IERABE	IERABF
IERABG	IERABH	IERABI	IERABJ	IERABK
IERABL	IERABM	IERABN	IERABC	IERABP
IERABS	IERABT	IERABU	IERABV	IERABW
IERABX	IERABY	IERABZ	IERADB	IERADC
IERADD	IERADE	IERADG	IERADH	IERADI
IERADJ	IERADP	IERADQ	IERADR	IERADS
IERADT	IERADX	IERAGA	IERAGB	IERAGC
IERAGD	IERAGE	IERAGF	IERAGG	IERAGI
IERAGJ	IERAGK	IERAGL	IERAGM	IERAGN
IERAGO	IERAGP	IERAM1	IERACA	IERACB
IERACC	IERAOD	IERAOE	IERAOF	IERAOG
IERAOH	IERAOI	IERACJ	IERACK	IERACL
IERACM	IERAON	IERAOP	IERAOR	IERAOS
IERAOS	IERAOT	IERACU	IERACW	IERACX
IERAOY	IERAOZ	IERAO1	IERAO2	IERAO3
IERAPA	IERAPB	IERAPD	IERAPE	IERAPP
IERAPK	IERAPL	IERAPN	IERAPO	IERBGA
IERBGB	IEREX1	IEREX2	IEREX3	IERRBA
IERRBE	IERRBC	IERRBE	IERRBF	IERRBG
IERRBH	IERRBI	IERRBJ	IERRBK	IERRBL
IERRBM	IERRBN	IERRBC	IERRBP	IERRBT
IERRBU	IERRBV	IERRBW	IERRBX	IERRBY
IERRBZ	IERRCA	IERRCB	IERRCC	IERRCD
IERRCE	IERRCF	IERRCG	IERRCH	IERRCI
IERRCJ	IERRCK	IERRCL	IERRCM	IERRCN
IERRCO00	IERRCP	IERRCQ	IERRCR	IERRCS
IERRCU	IERRCW	IERRCX	IERRCY	IERRCZ
IERRC1	IERRC2	IERRC3	IERRC4	IERRDB
IERRDC	IERRDD	IERRDE	IERRDG	IERRDH
IERRDI	IERRDJ	IERRDE	IERRDQ	IERRDR
IERRDS	IERRDT	IERRDX	IERRGB	IERRGC
IERRGD	IERRGE	IERRGF	IERRGL	IERRGM

SYS1.SM023 (CONTINUED)

IERRGO	IERRGP	IERROA	IERROB	IERROC
IERROI	IERRROE	IERRCF	IERROG	IERRROH
IERRROJ	IERRROJ	IERRCK	IERRON	IERRROO
IERRROP	IERRROR	IERROS	IERROT	IERRROU
IERRROW	IERRROX	IERRCY	IERROZ	IERRO3
IERRPA	IERRPB	IERRPD	IERRPE	IERRPM
IERRPN	IERRPO	IER8BN	IER8BO	IER8CI
IER8CM	IER8DJ	IER8GB	IER8GC	IER8ON
IER8PA	IER8PM	IER9BN	IER9BO	IER9DJ
IER9GE	IER9GC	IER9GN	IER9ON	IER9PA
SORT				

SYS1.SORTLIB

IERABQ	IERABR	IERADL	IERADM	IERAGH
IERAMA	IERAMB	IERAMC	IERAOQ	IERAOV
IERAPC	IERAPG	IERAPH	IERAPI	IERAPJ
IERAP1	IERAP2	IERAP3	IERCHK	IERDM4
IERRCT	IERRCV	IERRC6	IERRC7	IERRC8
IERRC9	IERRDL	IERRGA	IERRMA	IERRMB
IERRMC	IERROQ	IERRCV	IERRPC	IERRPF
IERRPG				

SYS1.SVCLIB

EMODVCL1	IFG019TR	IFG0190P	IFG0190R	IFG0193A
IFG0193E	IFG0193C	IFG0193D	IFG0193E	IFG0194A
IFG0194C	IFG0194D	IFG0194E	IFG0194F	IFG0194G
IFG0194H	IFG0194I	IFG0194J	IFG0195A	IFG0195B
IFG0195C	IFG0195D	IFG0195E	IFG0195F	IFG0195G
IFG0195H	IFG0195J	IFG0195K	IFG0195M	IFG0195N
IFG0195O	IFG0195P	IFG0195T	IFG0195U	IFG0196J
IFG0196K	IFG0196L	IFG0196M	IFG0196N	IFG0196O
IFG0196P	IFG0196Q	IFG0196T	IFG0196U	IFG0196V
IFG0196W	IFG0196X	IFG0198N	IFG0199B	IFG0199D
IFG0199E	IFG0199R	IFG020TR	IFG0200P	IFG0200R
IFG0200V	IFG0200W	IFG0200Y	IFG0200Z	IFG0201R
IFG0202A	IFG0202B	IFG0202C	IFG0202D	IFG0202E
IFG0202F	IFG0202G	IFG0202H	IFG0202I	IFG0202J
IFG0202K	IFG0202L	IFG0202U	IFG0209B	IFG0209D
IFG0209E	IFG0209R	IFG023TR	IFG0230P	IFG0232D
IFG0232G	IFG0232J	IFG0232M	IFG0232S	IFG0232Y
IFG0232Z	IFG0239B	IFG0239D	IFG0239E	IFG0239R
IFG055TR	IFG0550P	IFG0550R	IFG0551B	IFG0551D
IFG0551F	IFG0551H	IFG0551J	IFG0551L	IFG0551N
IFG0551P	IFG0551R	IFG0551T	IFG0551V	IFG0551X
IFG0551Z	IFG0552B	IFG0552D	IFG0552F	IFG0552H
IFG0552J	IFG0552L	IFG0552N	IFG0552P	IFG0552R
IFG0552T	IFG0552V	IFG0552X	IFG0552Z	IFG0553B
IFG0553L	IFG0553F	IFG0553H	IFG0553P	IFG0553R
IFG0553T	IFG0553V	IFG0553X	IFG0553Z	IFG0554B

SYS1.SVCLIB (CONTINUED)

IFG0554D	IFG0554J	IFG0554L	IFG0554N	IFG0554P
IFG0554R	IFG0554T	IFG0554V	IFG0554X	IFG0554Z
IFG0555B	IFG0555D	IFG0555F	IFG0555H	IFG0555J
IFG0556B	IFG0559B	IFG0559D	IFG0559E	IFG0559R
IGCX107B	IGC0A01C	IGC0A05A	IGC0A06C	IGC0B01C
IGC0B05A	IGC0C05A	IGC0D05A	IGC0D06C	IGC0E05A
IGC0F05A	IGC0F06C	IGC0G01C	IGC0G05B	IGC0G95B
IGC0H01C	IGC0H05B	IGC0I05B	IGC0I07B	IGC0J05B
IGC0K05A	IGC0K05B	IGC0L05A	IGC0L05B	IGC0M01C
IGC0M05A	IGC0M05B	IGC0N05B	IGC0N06C	IGC0P05B
IGC0Q05B	IGC0Q06C	IGC0R05B	IGC0S05B	IGC0S06C
IGC0T05B	IGC0U05B	IGC0V05B	IGC0W05B	IGC0Z05A
IGC0001C	IGC0001D	IGC0001F	IGC0001G	IGC0001I
IGC0002	IGC0002A	IGC0002B	IGC0002C	IGC0002D
IGC0002E	IGC0002F	IGC0002G	IGC0002H	IGC0002I
IGC0003	IGC0003A	IGC0003B	IGC0003C	IGC0003D
IGC0003E	IGC0003F	IGC0003I	IGC0004	IGC0004B
IGC0004C	IGC0005A	IGC0005B	IGC0005E	IGC0005G
IGC0006	IGC0006C	IGC0006D	IGC0006H	IGC0006I
IGC0007B	IGC0007F	IGC0007H	IGC0008A	IGC0008B
IGC0008F	IGC0009	IGC0009A	IGC0009H	IGC0010E
IGC0011	IGC00110	IGC0101C	IGC0101F	IGC0103D
IGC0103E	IGC0105A	IGC0105B	IGC0106C	IGC0106H
IGC0107B	IGC0107F	IGC0107H	IGC0108B	IGC0109
IGC0109A	IGC0109H	IGC0111C	IGC0201C	IGC0201F
IGC0203E	IGC0205A	IGC0205B	IGC0206C	IGC0206H
IGC0207B	IGC0207F	IGC0208B	IGC0209	IGC0209H
IGC0211C	IGC0221C	IGC0301C	IGC0303E	IGC0305A
IGC0306H	IGC0307F	IGC0308B	IGC0309	IGC0311C
IGC0321C	IGC0401C	IGC0403D	IGC0403E	IGC0405A
IGC0406H	IGC0411C	IGC0421C	IGC0501C	IGC0503D
IGC0505A	IGC0505B	IGC0506C	IGC0506H	IGC0521C
IGC0601C	IGC0603D	IGC0603E	IGC0605A	IGC0605B
IGC0606H	IGC0701C	IGC0703D	IGC0703E	IGC0706H
IGC0801C	IGC0803D	IGC0803E	IGC0806H	IGC0901C
IGC0903D	IGC0906H	IGC1B03D	IGC1I07B	IGC10110
IGC1103D	IGC1107B	IGC11110	IGC1203D	IGC12110
IGC1303D	IGC1403D	IGC1503D	IGC1603D	IGC1803D
IGC1903D	IGC2107E	IGC20110	IGC2107B	IGC21110
IGC22110	IGC2303D	IGC23110	IGC2503D	IGC2603D
IGC2803D	IGC2903D	IGC3103D	IGC3203D	IGC3503D
IGC3903D	IGC40110	IGC4503D	IGC5403D	IGC5503D
IGC5603D	IGC5803D	IGC5903D	IGC60110	IGC6303D
IGC6403D	IGC6503D	IGC6603D	IGC6703D	IGC6803D
IGC6903D	IGC7103D	IGC7503D	IGC7603D	IGC7703D
IGC7803D	IGC7903D	IGC8503D	IGC8603D	IGE0000A
IGE0000D	IGE0000E	IGE0000F	IGE0000G	IGE0000I
IGE0001A	IGE0001C	IGE0025C	IGE0025D	IGE0025E
IGE0025F	IGE0100F	IGE0100I	IGE0101C	IGE0125C
IGE0125E	IGE0125F	IGE0200I	IGE0225C	IGE0225E
IGE0300I	IGE0325C	IGE0400I	IGE0425C	IGE0625F
IGE0800I	IGE0900I	IGGAARPS	IGGIFFO1	IGG0CLC1
IGG0CLC2	IGG0CLC3	IGG0CLC4	IGG0CLC5	IGG0CLC6

## SYS1.SVCLIB

(CONTINUED)

IGG0CLC7	IGG0CLF2	IGG019AA	IGG019AB	IGG019AC
IGG019AD	IGG019AE	IGG019AF	IGG019AG	IGG019AI
IGG019AJ	IGG019AK	IGG019AL	IGG019AM	IGG019AN
IGG019AQ	IGG019AR	IGG019AT	IGG019AV	IGG019AW
IGG019AX	IGG019BA	IGG019BE	IGG019BC	IGG019BD
IGG019BE	IGG019BF	IGG019BG	IGG019BH	IGG019BI
IGG019EK	IGG019BL	IGG019EM	IGG019BN	IGG019BO
IGG019BP	IGG019BQ	IGG019BU	IGG019BV	IGG019CA
IGG019CE	IGG019CC	IGG019CD	IGG019CE	IGG019CF
IGG019CG	IGG019CH	IGG019CI	IGG019CJ	IGG019CK
IGG019CL	IGG019CM	IGG019CN	IGG019CO	IGG019CP
IGG019CQ	IGG019CR	IGG019CS	IGG019CT	IGG019CU
IGG019CV	IGG019CW	IGG019CX	IGG019CY	IGG019CZ
IGG019C0	IGG019C1	IGG019C2	IGG019C3	IGG019C4
IGG019C5	IGG019C6	IGG019C8	IGG019EA	IGG019EB
IGG019EC	IGG019ED	IGG019EE	IGG019EF	IGG019EI
IGG019EJ	IGG019EK	IGG019FA	IGG019FB	IGG019FD
IGG019FF	IGG019FG	IGG019FJ	IGG019FK	IGG019FL
IGG019FN	IGG019FP	IGG019FQ	IGG019FR	IGG019FS
IGG019FU	IGG019P8	IGG019P9	IGG019TC	IGG019TD
IGG019TV	IGG019TW	IGG019T2	IGG019QA	IGG019QB
IGG0190R	IGG0190S	IGG0191A	IGG0191B	IGG0191C
IGG0191I	IGG0191E	IGG0191F	IGG0191G	IGG0191H
IGG0191I	IGG0191J	IGG0191K	IGG0191N	IGG0191O
IGG0191P	IGG0191Q	IGG0191R	IGG0191S	IGG0191T
IGG0191U	IGG0191V	IGG0191W	IGG0191X	IGG0191Y
IGG0191Z	IGG01910	IGG01911	IGG01912	IGG01913
IGG01914	IGG01915	IGG01916	IGG01917	IGG01918
IGG01919	IGG01926	IGG0193I	IGG0196A	IGG0196B
IGG0196I	IGG0196J	IGG0196K	IGG0196L	IGG0196M
IGG0196E	IGG0197E	IGG0197F	IGG0197L	IGG0197M
IGG0197N	IGG0197P	IGG0197Q	IGG0197U	IGG0199K
IGG01990	IGG01990	IGG01991	IGG01992	IGG01993
IGG01994	IGG020D1	IGG020P1	IGG020P2	IGG020P3
IGG0200E	IGG0200F	IGG0200G	IGG0201A	IGG0201B
IGG0201P	IGG0201R	IGG0201X	IGG0201Y	IGG0201Z
IGG0206M	IGG021AB	IGG0210A	IGG029R1	IGG0290A
IGG0290E	IGG0290C	IGG0290D	IGG0290E	IGG0290F
IGG0299A	IGG0300I	IGG0300J	IGG03003	IGG0325A
IGG0325E	IGG0325C	IGG0325D	IGG0325E	IGG0325F
IGG0325G	IGG0325H	IGG0325J	IGG0325K	IGG0325L
IGG0325M	IGG0325P	IGG0325Q	IGG0325R	IGG0325S
IGG0325T	IGG0325U	IGG0325V	IGG0325W	IGG0325Z
IGG0550E	IGG0550D	IGG0550F	IGG0550H	IGG0550K
IGG0550P	IGG0550S	IGG0551A	IGG0551B	IGG0552K
IGG0553A	IGG0553B	IGG0553C	IGG0553D	IGG0553E
IGG0553F	IGG0553G	IGG08101	IGG08102	IGG08103
IGG08104	IGG086AE	IGG0860A	IGG0860B	IGG0860C
IGG0860E	IGG2103D	OMODVOL1	READP SWD	SECL0ADA

## SYS1.TCAMMAC

ATTEN	CANCELMG	CARRIAGE	CHECKPT	CODE
COMMBUF	CTBFORM	CUTOFF	DATETIME	ERRORMSG
FORWARD	FULLSCR	GROUP	HANGUP	HOLD
ICHNG	ICOPY	IEDNOL	IEDQCHAR	IEDQCHI
IEDQCKO	IEDQDID	IEDQFEA	IEDQGCH	IEDQMASK
IEDQSCAN	IEDQTO	IEDQTQ	IEDQTT	IEDQVCON
INBLCK	INBUF	INEND	INHDR	INITIATE
INMSG	INTRO	INVLIST	INVLIST1	INVLIST2
INVLIST3	INVLIST4	INVLIST5	INVLIST6	LOCK
LCCOPT	LOG	LOGON	LOGTYPE	MCOUNT
MCPCLOSE	MHGET	MHPUT	MRCHECK	MRELEASE
MSGEDIT	MSGFORM	MSGGEN	MSGLIMIT	MSGTYPE
ORIGIN	OUTBUF	OUTEND	OUTHDR	OUTMSG
PATH	PCB	PRIORITY	QACTICN	QCOPY
QRESET	QSTART	READY	REDIRECT	RETRY
SCREEN	SEQUENCE	SETEOF	SETEOM	SETSCAN
SIMATTN	SLOWPOLL	STARTME	TCHNG	TCOPY
TERMINAL	TERRSET	TCOTO	TLIST	TPDATE
TPROCESS	TRANLIST	TSINPUT	TTABLE	TTSID
TYFETABL	UNLOCK			

## SYS1.TSOGEN

SGIKJOEB	SGIKJOEF	SGIKJOE2	SGIKJOLP
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## SYS1.TSOMAC

GETLINE	GTSIZE	IKJCPFL	IKJCSCA	IKJCSPL
IKJDAPL	IKJDAP0C	IKJDAP00	IKJDAP04	IKJDAP08
IKJDAP1C	IKJDAP10	IKJDAP14	IKJDAP18	IKJDAP2C
IKJDAP24	IKJDAP28	IKJDAF30	IKJDAP34	IKJDFPB
IKJDFPL	IKJISE	IKJEBECA	IKJEBEMG	IKJEBEMI
IKJEBEML	IKJEBERT	IKJEBESH	IKJEBESV	IKJEBEUW
IKJECBS	IKJECT	IKJENEP	IKJGTPB	IKJIDENT
IKJIOPL	IKJKEYWD	IKJLSD	IKJNAME	IKJOPER
IKJPARM	IKJPGPB	IKJPOSIT	IKJPL	IKJTPB
IKJRBC	IKJRLGB	IKJRLSA	IKJRSVWD	IKJSTPB
IKJSTPL	IKJSUBF	IKJTAIF	IKJTAXE	IKJTERM
IKJTIOCB	IKJTIOCP	IKJTPL	IKJTSB	IKJUPT
LINEGRP	LISTTA	POTGET	POTLINE	QTIP
RTAUTOPT	SPAUTOPT	STACK	STATIN	STATUOCP
STAUTOLN	STAX	STBREAK	STCC	STCLEAR
STCOM	STSIZE	STTIMEOU	TCABEND	TCLEARQ
TGET	TPUT	TSABEND	TSOMCP	TSOMH

## SYS1.UT506

IEBASCAN	IEBBAM	IEBSCAN	IEBCANAL	IEBCCS02
IEBCMAIN	IEBCOMP	IEBCONH2	IEBCCNP2	IEBCCNZ2



IEBCCSAM	IEBCRANL	IEBCREAT	IEBCROOT	IEBCULET
IEBDG	IEBDGCUP	IEBDGMSG	IEBDRE	IEECLD
IEBDS CPY	IEBDV1	IEBDWR	IEBEDIT	IEBEDIT2
IEBFDANL	IEBFDTBL	IEBGENRT	IEBGENR3	IEPGENS3
IEBGEN03	IEBGMSG	IEBGSCAN	IEBIOE	IEBISAM
IEBISC	IEBISF	IEBISL	IEBISMES	IEFISPL
IEBISSI	IEBISSO	IEBISU	IEBLENP2	IEBMC
IEBMOVE2	IEBPPAL1	IEBFPCH1	IEBPPMSG	IEPPUN1
IEBS CN	IEBTCRIN	IEBTCR02	IEBTCR03	IEBTCR04
IEBTCR05	IEBUPDAT	IEBUEDTE	IEBUPIT2	IEEUPLOG
IEBUPNIT	IEBUPXIT	IEBVCT	IEBVDM	IEBVMS
IEBVTM	IEBVTT	IEBWSU	IEHATLAS	IEHCANAL
IEHDACUT	IEHDASDR	IEHDASDS	IEHDCCELL	IEHDCONS
IEHDDATE	IEHDDOIC	IEHDDUMF	IEHDEXCP	IEHDGPTA
IEHDLABL	IEHDMSG	IEHDMGS	IEHDPASS	IEHDPRNT
IEHDCVDR	IEHDREST	IEHDS CAN	IEHDVTOC	IEHINTT
IEHICSUF	IEHMESS	IEHMOVE	IEHMVESA	IEHMVESC
IEHMVESE	IEHMVESH	IEHMVESI	IEHMVESJ	IEHMVESK
IEHMVESL	IEHMVESM	IEHMVESN	IEHMVESO	IEHMVESP
IEHMVESQ	IEHMVESR	IEHMVEST	IEHMVESU	IEHMVETG
IEHMVETJ	IEHMVMRY	IEHMVMRZ	IEHMVMSN	IEHMVMSQ
IEHMVMSY	IEHMVMTA	IEHMVMTL	IEHMVSR	IEHMVSRD
IEHMVSRK	IEHMVSRM	IEHMVSR	IEHMVSRV	IEHMVSRX
IEHMVSR Y	IEHMVSRZ	IEHMVSSF	IEHMVSSS	IEHMVSSV
IEHMVSSX	IEHMVSSY	IEHMVSSZ	IEHMVSTA	IEHMVSTC
IEHMVSTL	IEHMVXSE	IEHMVXSF	IEHPRINT	IEBPRMSG
IEHPRNT	IEHPROG1	IEHPROG2	IEHPROG3	IEHPROG4
IEHPROG5	IEHQSCAN	IEHSCAN	IEHSTATR	IGC0003I
IGC0008E	IGC0008F	IGC0108B	IGC0208B	IGC0308B
IGG019C8	IGG019P7	IGG019P8	IGG019P9	IGG086AE
IGG0860A	IGG0860B	IGG0860C	IGG0860D	IHGANY
IHGCTB	IHGROOT	IHGTAB	IHGUADEL	IHGUALOG
IHGJRC				



## SECTION 2: MODULE STATUS

This section lists the modules that have been added to, altered, or deleted from the system for this release.

The listing is arranged by library. Each field contains:

	MODULE NAME	The module or alias name for each member that has been changed.
*	NEW	An asterisk indicates a new module for this release.
	MOD SIZE	The storage size in hexadecimal required for the module.
+or-	MOD SIZE CHG.	The amount of change (in hexadecimal) from the previous release -- + for increase, - for decrease.
A	ALS	An "A" indicates an alias name.
	OLD SSI	SSI (System Status Index) for the previous release.
	NEW SSI	The SSI for this release.
	ALIAS TRUE NAME	The true module name for this alias. (This field appears only if the module is reentrant and reusable.)

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.AL531

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
----------------	-------------	-------------	---------------------	-------------	---------	---------	-----------------------

NC. MODULES	013
NC. ALIAS	013
NC. ADDED	000
NC. DELETED	000
NC. CHANGED	000

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CB545

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
----------------	-------------	-------------	---------------------	-------------	---------	---------	-----------------------

NO. MODULES	011
NC. ALIAS	000
NO. ADDED	000
NC. DELETED	000
NO. CHANGED	000

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.AS037

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
----------------	-------------	-------------	---------------------	-------------	---------	---------	-----------------------

IEUPPP		31A8	+ 0000		08012868	09013266	
IEUF1		3C10	+ 0000		10010237	11010604	
IEUF2		2180	+ 0000		11010237	12013268	
IEUF2A		1A90	+ 0008		09012931	10013269	
IEUF7C		0E08	+ 0010		06010237	07010604	
IEUF7I		0F98	+ 0000		08010237	09010604	
IEUF8M		0EE0	+ 0010		08013461	09010604	
IEUF8F		0DE0	+ 0000		11010238	12010604	

NO. MODULES	030
NC. ALIAS	001
NO. ADDED	000
NC. DELETED	000
NO. CHANGED	008

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CI505

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CI505

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IEECNCFX		03D8 +	0050		02012788	02011306	
IEECVCTI		0A70 +	0018		04050132	04051214	
IEECVETC		0380 +	0020		02011154	02011190	
IEECVETE		03E8 +	0000		01013628	02011306	
IEECVETG		03F8 -	0008		02010922	02011190	
IEECVETJ		0400 +	0000		01013627	02011190	
IEECVETR		03C0 +	0008		01013628	02011190	
IEECVETQ		03F0 +	0000		02010601	02011190	
IEECVETR		0400 +	0008		02010646	02011191	
IEECVETU		0400 +	0008		02010603	02011191	
IEECVETV		0400 +	0008		01010258	02011191	
IEECVET1		03F0 -	0010		02010604	02011191	
IEECVET2		0298 +	0058		01013629	02011191	
IEECVET3		03B0 -	0018		02010244	02011191	
IEECVET4		0400 +	0000		02013560	02011191	
IEECVET7		0400 +	0000		02010597	02011306	
IEECVET9		0380 +	0018		02010756	02011191	
IEECVFTA		0360 -	0008		01013065	02011213	
IEECVFTB		03F8 +	0008		01013629	02011222	
IEECVFTG		03F0 +	0010		02010132	02011222	
IEECVFTM		0400 +	0020		02010133	02011350	
IEECVFTF		03D8 +	0010		02010133	02011223	
IEECVFTQ		0400 +	0000		02013620	02011214	
IEECVFT1		0190 -	0020		02013485	02011214	
IEECVFTZ		0380 +	0008		02011052	02011223	
IEECVFT1		0350 +	0008		02010597	02011214	
IEECVGC1		07C8 +	0008		02010477	02011223	
IEECVML6		03C8 +	0010		02010756	02011350	
IEECVOC1		02E8 +	0000		03052437	03051307	
IEECVCCX		0400 +	0028		02051938	03051563	
IEECVPMP		03E0 -	0008		04051540	04051307	
IEECVPMX		03E0 +	0010		04051540	04052182	
IEECVPM1		0250 +	0068		02003160	02002133	
IEEDFIN5		0608 +	0000		03032028	05032054	
IEEDFIN9		0270 -	0008		01011471	03011336	
IEELCGWR		0F00 +	0200		03010562	04012140	
IEEMFWTC		03C0 +	0000		03010758	03011120	
IEENFWTO		0318 +	0000		02010758	02011080	
IEESL563		0698 +	0010		02030241	04031801	
IEESD591		0290 +	0000		03032021	05031543	
IEESMFAL		0310 +	0000		01013280	02013602	
IEESMFIO		0C50 +	0008	A	03010597	04011388	
IEESMFI1		05F8 +	0018		01013208	02011416	
IEESMFI2		0288 +	0000		01011269	03010733	
IEESMFI3		0C50 +	0008		03010597	04011388	
IEESMFI4		05F8 +	0018	A	01013208	02011416	
IEESMFM5		0C50 +	0008	A	03010597	04011388	
IEESMFCF		0400 +	0000		01011940	02011544	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IEAAAD0Y		0418 +	0038		02012783	02011128	
IEAAAD0Z		0278 +	0028		02010053	02011128	
IEAAPX00		0078 +	0008		05050468	05050945	
IEABXR00		01D0 +	0000		02053232	02050945	
IEADDL00		0108 +	0010		04010283	04011563	
IEADTM22		03C0 -	0008		21050305	21051890	
IEADTM24		03C0 +	0018		21050173	21051213	
IEAFDL00		0148 +	0010		02010269	02011570	
IEAGAE00		0618 +	0028		04050196	04051072	
IEAGENQ1		0850 -	0008		04050806	04051497	
IEAGENQ2		0B50 +	0048		02050789	02052221	
IEAIDL00		0178 +	0010		02030269	02031563	
IEAIAE00		0630 +	0028		03050221	03051072	
IEAIDL00		01D0 +	0010		02031968	02031370	
IEAJAE00		0628 +	0028		02010222	02011072	
IEAMTM05		01C0 +	0008		21051249	21051070	
IEANAM00		0648 +	0030		21050237	21051072	
IEANTM0B		0400 +	0048		02010175	02011190	
IEANTM0E		01B8 +	0020		21050175	21051070	
IEANTM00		03D0 +	0020		02010642	02011070	
IEANTM01		01E8 +	0018		21050642	21051089	
IEANTM02		0178 -	0228		21010185	21011070	
IEANTM04		0350 +	0028		21052785	21051213	
IEANTM05		03D8 -	0020		21051245	21051070	
IEANTM06		03A0 +	0008		21052924	21051070	
IEANTM07		03B8 +	0020		21050642	21051071	
IEANTM09		02E0 +	0000		21053160	21051071	
IEASTM12		02E0 +	0008		21050179	21050945	
IEAORT01		0138 +	0000		02050191	02051001	
IEAORT02		0180 +	0000		02050191	02051001	
IEAOST00		0218 -	0008		07050394	07051001	
IEAOST01		0288 +	0000		02050395	02051002	
IEAOTI00		0368 +	0018		05050199	05051002	
IEAOTI02		0628 +	0010		02050190	02051002	
IEAOTI03		03D8 +	0010		02050190	02051002	
IEAOTI04		0698 +	0010		02050190	02051002	
IECIOITS		0548 +	0018		01011891	00011033	
IECIPRIA		03E0 +	0010		02010284	02011851	
IECIPRIE		03B0 +	0010		01010284	01011851	
IECIPR12		03C8 +	0008		02010284	02011851	
IEECMD0M		0278 +	0040		02050602	02051089	
IEECMDSV		06B8 +	0010		02053182	02051214	
IEECMCCP		0380 +	0000		02052436	02051306	
IEECMPMC		01E8 +	0000		01052371	02051120	
IEECMPMP		0350 +	0008		02053127	02051306	
IEECMPMX		02F0 +	0010		02053186	02051089	
IEECMPM1		01D0 +	0000		02003127	02001694	
IEECMWSV		0560 +	0000		02013442	02011080	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CI505

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IEESMF8C		0360	+ 0018		02013129	03013602	
IEFVLOUT		0108	- 0048		01010251	03011910	
IEEVRCTI		06D8	+ 0018		01012646	02011106	
IEEVSTAR		0E28	+ 0008		07053532	08051336	
IEEZEXIT		0270	- 0008	A	01011471	03011336	
IEE0803L		0278	+ 0030		02010226	03011992	
IEE1403I		03E8	+ 0000		02010371	03011075	
IEE20110		0400	+ 0040		02013576	02011215	
IEE21110		0400	+ 0000		02013478	02011215	
IEE22110		0350	+ 0048		02013576	02011223	
IEE2303L		0400	+ 0008		01011959	02010747	
IEE23110		03F8	- 0008		02013576	02011223	
IEE3103L		03F8	+ 0000		01011526	02011544	
IEE4903L		0400	+ 0030		01013166	02011075	
IEE5603L		0400	+ 0000		01012191	02011281	
IEE6603L		03D0	+ 0000		02010156	03010748	
IEE7203I		0280	+ 0010		01012031	02011248	
IEE7503L		0400	+ 0008		01012191	02011267	
IEE7603L		0400	+ 0000		02010664	05012151	
IEFDSLRF		1100	+ 0010		03030828	04031103	
IEFDSOCP		0EB8	+ 0008		01013400	03011544	
IEFIDGMP		04A8	- 0008		08051063	09051198	
IEFSCTTE		0878	- 0018		00011042	00011509	
IEFSXYZ		0240	+ 0010		02050288	02051500	
IEFSD070		02A8	- 00B0		07050288	07051528	
IEFSD078		02A8	- 0010		05053431	05051500	
IEFSD080		0278	+ 0000		06051042	06051066	
IEFSD081		0A10	+ 0000		07053430	07051500	
IEFSD085		0728	+ 0008		07053533	07050292	
IEFSD086		04A0	+ 0000		07053431	07051500	
IEFSD094		0478	+ 0000		05050638	05051500	
IEFSL171		0618	+ 0000		08051391	07051500	
IEFSD195		0328	+ 0010		04050253	05051414	
IEFSL302		04D8	+ 0008		01010308	01011414	
IEFSD305		1348	+ 0118		03011079	04011121	
IEFSL41Q		0610	+ 0018		02051522	05052123	
IEFSL42C		0190	+ 0018		04051656	07051351	
IEFSL510		08F8	+ 0008		04030253	05031997	
IEFSD515		09D0	- 0030		03031339	06032123	
IEFSL533		03F0	+ 0020		04030597	05031303	
IEFSMFLK		0468	- 0030		04010593	04013613	
IEFVLA		1DB0	+ 0018		08010961	09012127	
IEFVLESL		01A0	+ 0000		04052880	04052011	
IEFVEA		1128	+ 0000		05052022	08052127	
IEFVFA		16A8	+ 0000		08011063	09012127	
IEFVGM17		0068	+ 0018		03031616	03031304	
IEFVGS		03E0	+ 0010		04051019	05050186	
IEFVBA		0380	+ 0000		07053080	08052011	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CI505

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEFVBE		00C8	+ 0000		03052064	04052011	
IEFVHCB		0588	+ 0028		03050790	04051330	
IEFVHM		0388	+ 0000		05050700	05050186	
IEFVJA		0548	+ 0000		01013135	02010101	
IEFVMLS1		1840	+ 0048		18050865	18051308	
IEFVMLS7		0628	+ 0018		07050242	08050318	
IEFVM2LS		00C8	+ 0008		06052654	08050318	
IEFVM3LS		0328	+ 0000		11050532	12051305	
IEFVM4LS		0450	+ 0008		07051523	10051275	
IEFVM5LS		0210	+ 0010		07050202	08050739	
IEFVRRC		0650	+ 0018		01031473	03032170	
IEFVSMBR		0298	+ 0008		01050883	02051106	
IEFWAL		0828	+ 0000		06050202	07050318	
IEFWA000		1E98	+ 0030		03010799	04013613	
IEFWCIMP		1A88	+ 0038		18050592	18050317	
IEFWL000		21D0	+ 02F8		04053531	05051589	
IEFWEXTA		0668	+ 0008		03011010	04011317	
IEFWTP01		0400	+ 0000		03010414	04010894	
IEFXCSSS		18F0	+ 00D0		13050810	13051220	
IEFXJIMP		0C20	+ 0000		05051371	08051220	
IEFXKMSG		08D0	+ 0000		03050253	04051661	
IEFXQM01		03D8	+ 0018		01011951	03011286	
IEFXT00C		0E88	+ 0008		03011019	04010739	
IEFXT002		0C80	+ 0000		04050804	05050739	
IEFXT003		0938	+ 0058		05050741	05051655	
IEFXVMSG		0168	+ 0008		03051972	06050318	
IEFXV001		0D50	+ 0098		07050344	08051273	
IEFXV002		0AC8	+ 0048		03012772	04010318	
IEFXV003		09D0	+ 0158		01013367	03010318	
IEFX5000		0DF0	- 0008		03013057	04013603	
IEFYTVMS		0428	+ 0070		02050253	03051204	
IEFZGJBI		0C90	+ 0040		12050782	13052036	
IEFZGST1		0BB0	+ 0038		03013076	04011901	
IEFZGST2		0960	+ 0000		04051006	04051317	
IEFZHMSG		0FA8	+ 0020		12050593	12050105	
IEWFTBSI		12B8	+ 0008		01050932	01050303	
IEWFTMIN		0410	+ 0000		03050393	03050293	
IEWFTPCI		0E80	+ 0030		06050854	06050394	
IEWSUCVR		0090	+ 0014		00052606	00050927	
IEWSVOVR		0090	+ 0010		01050911	00050928	
IFBSTAT		0400	+ 0020		03010124	04011982	
IFESTAT		0368	+ 0008		02013568	03013607	
IFCDIE00		03C0	+ 0000		01011093	03013607	
IGC0007F	*	0400		A		04011982	IFESTAT
IGC0009A		0400	+ 0000		01010337	01010771	
IGC0109A		0400	+ 0000		01010274	01011754	
IGE000A		03F8	+ 0000		03011281	02010204	
IGE000E		0368	+ 0010		04011086	04011938	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAMESYS1.CI505

COMPARE LEVEL 21.7 VS 21.8  
 DSNAMESYS1.CI535

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGE0000E		0270	+ 0020		06011281	05011938	
IGE0000F		03F8	+ 0008		01010943	01011938	
IGE0000G		03A0	+ 0028		06013372	06011939	
IGE0000I		0400	+ 0000		01010261	01010461	
IGE0001A		0358	- 0040		00010660	00010301	
IGE0001C		0400	+ 0190		06013440	06011939	
IGE0011E		0358	+ 0018		01010594	15011680	
IGE0011C		03D8	+ 0030		02050290	15011963	
IGE0011E		0350	+ 0020		02050850	15011680	
IGE0025C		0400	+ 0000		07013038	07011040	
IGE0100F		03D0	+ 0048		02011321	01011145	
IGE0100I		0400	+ 0000		01050242	01010462	
IGE0125E		0400	+ 0000		03013440	03011040	
IGE0200I		0400	+ 0000		01051882	01050462	
IGE0225C		0400	+ 0000		03010631	03011040	
IGE0225E		0400	+ 0000		02010144	02011040	
IGE0300I		0400	+ 0000		01050242	01010462	
IGE0325C		0400	+ 0000		02010631	02011126	
IGE0400I		0400	+ 0000		01052588	01050524	
IGE0425C		0400	+ 0000		01010164	01011126	
IGE0625F		0248	+ 0018		02010159	03013613	
IGE0800I		0400	+ 0000		01053274	01050462	
IGE0900I		0400	+ 0000		01053276	01050462	
IGG019C5		0050	+ 0000		01010285	01011500	
IGX00015		0148	+ 0068		00010285	00011609	
IHJACF01		03F8	+ 0048		03030393	03030260	
IHJACF02		0400	+ 0000		04031663	03031386	
IHJACF25		0400	+ 0000		03030889	03031798	
IHJACF50		0400	+ 0000		03031678	02031386	
IHJARS00		0400	+ 0000		02030932	02031389	
IHLROUT		0508	+ 0000		03010819	04011050	

NO. MODULES 845  
 NO. ALIAS 008  
 NO. ADDED 001  
 NO. DELETED 000  
 NO. CHANGED 222

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEAMP650		18A8	+ 0048		02012935	02011012	
IEAQAEMP		0E28	+ 0038		02030198	02031121	
IEAQAB00		0898	+ 0038		02010236	02011121	
IEAQUALON		0198	- 0008		01011975	02011071	
IEAQAD0Y		03F8	+ 0010		02012786	02011128	
IEAQAI0Z		03A0	+ 0030		02012786	02011128	
IEAQAD03		03C8	+ 0000		05011942	06010945	
IEAQAI05		0400	+ 0000		03013080	03010945	
IEAQAD08		0250	- 0008		05013196	05010945	
IEAQENG2		09C8	+ 0008		05050783	05051498	
IEAQENQ3		0D08	+ 0068		02050801	02052221	
IEAQLK00		0C10	+ 0068		03050198	03051726	
IEAQRORI		1290	+ 00B0		03030686	03031261	
IEAQST00		0280	- 0010		04012787	04011001	
IEAQST01		02E8	- 0010		02052787	02051001	
IEAQSY50		0590	+ 0040		04051540	04051968	
IEAQTAMP		0890	+ 0000		02052090	02051222	
IEAQTBO0		0240	+ 0000		04050479	04050945	
IEAQTIM1		07F8	+ 0020		02050263	02051028	
IEAQTIO1		0788	+ 0018		02050300	02051050	
IEAQTIO3		0800	+ 0018		02050261	02051028	
IEAQTMOB		0400	+ 0048		02030884	02031128	
IEAQTMON		02C0	+ 0000		02010178	02011213	
IEAQTMOF		0150	+ 0008		02012652	02011213	
IEAQTMOF		0280	+ 0058		02011052	02011353	
IEAQTMOF		03F0	+ 0020		02010189	02011306	
IEAQTMO0		03A8	+ 0008		04011247	04011134	
IEAQTMO1		0360	- 0008		04011467	04011129	
IEAQTMO3		02C8	+ 0008		04010189	04011129	
IEAQTMO5		0198	+ 0010		02012647	02011120	
IEAQTR33		0848	+ 0008		03052090	03051222	
IECIPRMP		0630	+ 0008		02050646	02051850	
IECIPRMT		0748	+ 0010		00050660	00051850	
IECIPR16		05F8	+ 0010		06050647	06051896	
IEECMED2		0520	+ 0020		02051785	02051089	
IEECVINT		0BB0	+ 0018		02050133	02051213	
IEELOG01		06E0	- 0018		02013554	05011286	
IEELWAIT		04A0	+ 0048		03010562	04011910	
IEEMPS03		03B0	+ 0000		03013189	03011261	
IEEMPVCH		10A8	+ 0000		02011434	02011261	
IEEPRWI2		02E8	+ 0020		01011680	03010732	
IEEVDRGN		02C8	- 0008		04051432	04051191	
IEEVDSP1		0380	+ 0000		05031278	07031282	
IEFSD103		0310	+ 0000		03053350	04050894	
IEFSD160		0E10	+ 0000		05052793	07050724	
IEFSD161		0C28	+ 0000		08050344	09050724	
IEFSD162		0D00	+ 0010		04050288	06051121	
IEFSD180		0350	- 0010		02052794	03050355	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CI535

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CI555

MODULE NAME	N E W	MCD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEFVMB		1208	+ 0070		03010226	04010794	
IEFVMF		04C8	+ 0000		01011473	03010384	
IEWFETCB		0CB8	+ 0070		02050146	02051067	
IEWSWCVR		0388	+ 0008		01050400	01050295	
IHJQCP32		0400	+ 0030		02010331	01010395	
IHJQRS22		03A0	+ 0058		02010288	02010395	
IHJQRS23		02E8	+ 0018		02012885	01011153	

NC. MODULES 181  
 NO. ALIAS 002  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 055

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IECIPRTS		0710	+ 0010		01050647	01051850	
IEDAYAA		0608	+ 0010		01010091	01012134	
IEDAYGP		07A0	+ 0000		01010752	01011937	
IEDAYLL		0258	+ 0000		00010457	00011937	
IEDAYCO		07C0	+ 0098		00010457	00012135	
IEEVDUS1		03B0	- 0008		01010513	02012174	
IEEVSND5		02E0	+ 0018		01011134	01012224	
IGC0009C		0400	+ 0000		01010752	01010276	
IGC0109I		0390	+ 0008		01011548	03012128	
IGC05C9I		02C0	+ 0000		01010424	01013613	
IGC1109I		0370	- 0088		01011549	03012128	
IGC15C9I		03C0	- 0020		02010565	03012128	
IGC1709I		0350	+ 0010		01010565	02011383	
IGC2009I		0340	+ 0010		01013162	02011383	
IGG019T3		0150	+ 0030		02012724	01011147	
IGG019T4		0108	+ 0010		01012724	00011147	
IGG019T5		01E8	+ 0038		01012724	00011147	
IGG019T6		01D0	+ 0038		01012724	00011147	
IGG019T8		00B0	+ 0010		02012724	01011147	
IGG09302		0400	+ 0000		00010454	00010260	
IGG0940C		0400	+ 0000		02012423	01010316	
IGG0940E		0400	+ 0000		02012423	01010303	
IGG09409		0400	+ 0000		02012421	01010302	
IKJEAAB0		08B8	+ 0038		02050190	02051121	
IKJEAAB1		0E48	+ 0038		02010190	02011134	
IKJEAD02		1250	+ 0020		02010190	02011262	
IKJEA100		0718	+ 0010		02011438	02011682	
IKJEA101		0718	+ 0010	A	02011438	02011682	IKJEA100
IKJEFALK0		0CC8	+ 0068		02050191	02051726	
IKJEANQ0		0B18	+ 0008		02050785	02051498	
IKJEANC1		0E58	+ 0068		02050786	02052221	
IKJEAP00		02E0	+ 0000		02012441	02011262	
IKJEAR02		0A38	+ 0010		02011053	02011262	
IKJEAR03		0888	+ 0000		02010479	02011682	
IKJEASY0		0648	+ 0040		02051540	02051969	
IKJEAS01		0B08	+ 0000		02012979	02011262	
IKJEAT11		0868	+ 0018		02050264	02051050	
IKJEAT13		08E0	+ 0018		02050265	02051050	
IKJEATM1		08D8	+ 0020		02000244	02001029	
IKJEATP0		0918	+ 0000		02012091	02011223	
IKJEATR0		08D0	+ 0008		02052090	02051223	
IKJEAT00		2840	- 0008		02011056	02011694	
IKJEAT02		09E8	+ 0000		02011056	02011682	
IKJEAT06		1AC0	+ 0030		02013152	02011852	
IKJEAT08		0388	- 0008		02010802	02011307	
IKJEES70		07F8	+ 0010		01010593	01011980	
IKJEES75		06E8	- 0008		02010250	03012151	
IKJEFD00		2EA8	+ 0060		03010276	04011383	



COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CI555

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IKJEFLGN		0758	+ 0038		01013165	02011217	
IKJEFLI		0F30	+ 0080		02010370	03011522	
IKJEFLIA		0F30	+ 0080	A	02010370	03011522	
IKJEFP60		1F88	+ 0008		02010689	03010384	
IKJEFT01		06D0	+ 0000		01011090	01012122	
IKJEFT02		0858	+ 0010		01013367	03011522	
IKJEFT03		0338	+ 0000		03010656	01012122	
IKJEFT04		0290	- 0140		01011091	01012122	
IKJEFT05		06B0	- 0018		01011091	02012248	
IKJEFT07		01F0	+ 0008		01010485	01012122	
IKJGGQT0		0190	+ 0000		01010149	01011890	
IKJGGQT1		0190	+ 0000	A	01010149	01011890	IKJGGQT0
IKJGG008		0178	+ 0060		02012881	01012145	
IKJGG088		00F0	+ 0008		01010202	00011844	
LISTB		07F8	+ 0010	A	01010593	01011980	IKJEES70
LISTBC		07F8	+ 0010	A	01010593	01011980	IKJEES70

NO. MODULES 212  
 NO. ALIAS 008  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 064

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CO503

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
-----							
		NO. MODULES				050	
		NO. ALIAS				000	
		NO. ADDED				000	
		NO. DELETED				000	
		NO. CHANGED				000	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.COBLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
-----							
		NO. MODULES				044	
		NO. ALIAS				049	
		NO. ADDED				000	
		NO. DELETED				000	
		NO. CHANGED				000	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CQ513

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IDFCT		07E8	+ 0000		02012041	04011215	
IDFM01		0368	+ 0000		02012041	04011218	
IDFST		08F0	+ 0000		02012041	04011218	
IECTAIEN		0210	+ 0080		02010931	02010723	
IECTELIT		0898	+ 0000		01013248	02012179	
IECTLOPN		0208	+ 0020		02011482	02011483	
IECTSCAN		10E8	+ 0078		02010032	02011505	
IECTSVC		0298	+ 00B8		02010672	02011485	
IECTTRNS		0090	+ 0008		02010090	02010706	
IGCOL06F		0360	+ 0020		02010887	02011486	
IGE0004A		0238	+ 0010		02010801	02011483	
IGE0010E	*	0400				03011753	
IGE0104C		0178	+ 0000		01013246	02010722	
IGE0110E	*	0400				03011444	
IGE0204A		0230	+ 0000		02010033	02011440	
IGE0210E	*	0400				03011753	
IGE0304A		0248	+ 0018		01011064	02011443	
IGE0304E		0298	- 0028		02010033	02010722	
IGE0304C		0170	+ 0008		01013247	02011494	
IGE0404C		0338	+ 0038		02010172	02011443	
IGE0504A		0290	+ 0008		02010757	02011499	
IGE0504C		02B8	- 0100		01011549	02011488	
IGE0504E	*	0258				02010670	
IGE0604C		01D0	+ 0010		02011541	02011445	
IGE0704E		0100	+ 0008		02010033	02011440	
IGE0704C		01C8	+ 0020		02011541	02011440	
IGE0804E		0260	+ 0010		01010972	02013410	
IGE0804C		01F0	+ 0008		02013241	02011449	
IGE0904C		0340	- 00B8		02010100	02011489	
IGE0904E	*	0268				02010663	
IGG019MA		0D30	+ 00D0		02010667	02011480	
IGG019MB		15C8	+ 0178		02010676	02011491	
IGG019MC		04D0	+ 0088		02010759	02013181	
IGG019MR		0BE0	+ 00F8		02010674	02011485	
IGG019M3		0128	+ 0000		01013270	02011441	
IGG019PA		01F0	+ 0010		02010674	02011482	
IGG019PG		00D0	+ 0000		02010717	02010861	
IGG019PI		0400	+ 0000		02011484	02011443	
IGG019UF	*	0400				02001441	
IGG0193M		0400	+ 0000		02011481	02013194	
IGG0193C		0400	+ 0000		02010034	02011481	
IGG0193S		0400	+ 0000		01013240	02011442	
IGG0194P		0400	+ 0000		02010034	02010722	
IGG0194C		0400	+ 0000		02011484	02010708	
IGG0201E	*	00A0				02203243	
IGG0203M		0400	+ 0000		03010801	03011482	

NO. MODULES 125  
 NO. ALIAS 000  
 NO. ADDED 007  
 NO. DELETED 000  
 NO. CHANGED 039

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.CQ519

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IGG019NG		1E18	+ 0010		05010300	04013201	
IGG019NH		0490	+ 0010		01010782	01013185	
IGG0193C		0400	+ 0000		04010133	04013201	
IGG0203N		0400	+ 0000		02010760	02013188	

NO. MODULES 135  
 NO. ALIAS 001  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 004

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CQ548

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CQ548

MCDULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDAYA		0270	+ 0008		01010450	01011937	
IEDAYE		12E8	+ 0310		02010342	03012182	
IEDAYC		0598	- 0010		08012669	06011983	
IEDAYF		1248	+ 0010		10010342	05011994	
IEDAYB		0310	+ 0000		01010870	01011277	
IEDAYL		0548	+ 0028		01010454	01010291	
IEDAYM		0A08	+ 0330		07012491	07012013	
IEDAYC		0A18	- 0018		00010752	00012135	
IEDAYR		05A8	+ 0080		10010134	09011983	
IEDAYS		07D0	- 00E0		08010134	07011830	
IEDAYY		0078	+ 0000		01010970	02011483	
IEDAYZ		0E60	+ 0068		09010135	07011983	
IEDNAR	*	0530				01010832	
IEDNIL	*	00F0				01010773	
IEDNLI	*	02D0				02011361	
IEDNMG	*	0268				01010773	
IEDNRE	*	0D10				25052013	
IEDNRF	*	0238				23051295	
IEDN25	*	0108				01010773	
IEDQAA		0500	+ 0078		08010135	08011983	
IEDQAF		0230	+ 0000		01010789	02010773	
IEDQAG		00F0	+ 0060		04010135	05010661	
IEDQAJ		0168	+ 0000		03010135	04010774	
IEDQAK		08D0	+ 0048		03010135	03011431	
IEDQAM		0170	+ 00E0		01010783	02011983	
IEDQAN		07D8	+ 0000		04010135	04012182	
IEDQAP		0470	+ 0008		03010136	03011831	
IEDQAC		00C8	+ 0020		02012408	03010774	
IEDQAS		04A8	+ 0040		08010136	08011431	
IEDQAU		02B8	+ 0098		03010136	05011295	
IEDQAV		00C0	+ 0020		01012136	01010662	
IEDQAY		0300	+ 0018		04012492	05011431	
IEDQA2		0170	+ 0020		05010136	07012368	
IEDQA0		00C8	+ 0000		01010784	02011432	
IEDQA4		02B8	+ 0020		04010136	05010662	
IEDQA5		0360	+ 0000		03010136	04011499	
IEDQA6		0260	+ 0050		03012409	04010662	
IEDQA9		0130	+ 0020		01010785	02011499	
IEDQBA		0248	+ 0038		01012409	02012368	
IEDQBC		0100	+ 0040		01010281	02012368	
IEDQBD		0588	+ 0030		06010132	06011499	
IEDQBE		0118	+ 0010		03010132	04010662	
IEDQBF		0070	+ 0008		02012492	03012368	
IEDQBG		00D8	+ 0018		02012409	03011499	
IEDQBI		0380	+ 01E0		03010132	05011499	
IEDQBM		0270	+ 0078		01010786	02010669	
IEDQBO		0CA0	+ 0068		04010343	07011499	
IEDQBT		09B0	+ 0158		07010133	10011831	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDQBU		03D0	+ 0000		01010780	02011984	
IEDQBZ		0258	+ 0000		05010133	05011296	
IEDQE1		00B0	- 0008		02010133	03010774	
IEDQB4		00B8	+ 0008		01012401	02010669	
IEDQB7	*	0110				02012426	
IEDQCA		0BA0	+ 02D0		03012411	06011499	
IEDQEC		06D8	+ 0068		06010133	06011499	
IEDQES		0318	+ 0000		05012411	03011490	
IEDQEU		0778	+ 00F0		09010137	08011831	
IEDQEW		0B18	+ 0088		09010137	09011490	
IEDQE1		0288	+ 00A8		01011371	04010774	
IEDQE2		01D8	+ 0010		03010134	04010861	
IEDQE3		0360	+ 0110		03010134	05011297	
IEDQE4		02A0	+ 0190		01012494	03011297	
IEDQE7		03A8	+ 0020		07010134	07011831	
IEDQFA		1CF8	+ 0088		11010343	10011985	
IEDQFA1		1068	+ 0038		11010343	10011986	
IEDQFA2		1798	+ 0070		11010343	10011986	
IEDQFE10		02F8	+ 0008		01010884	01011986	
IEDQFE20		0238	+ 0008		01010884	01011987	
IEDQFE30		0A90	+ 0080		01010884	01011987	
IEDQFW		0AD0	+ 0320		01010141	02011987	
IEDQGA		07B0	+ 00E8		05010343	06011491	
IEDQGH		0B70	+ 0000		04010137	05011302	
IEDQGF		0308	+ 0008		01012411	04011987	
IEDQGR		01F8	+ 0000		01012412	02011832	
IEDQGT		04F8	+ 0038		04012412	05012502	
IEDQHG		02F8	+ 0020		02010782	04011832	
IEDQHK		0430	+ 0038		07010137	06011832	
IEDQHM		0FE0	+ 0070		07010138	07011994	
IEDQHM1		0EC8	+ 0068		07010138	07011994	
IEDQHM2		08B0	+ 0060		07010138	07011994	
IEDQKA		10C8	+ 0088		12010158	09011994	
IEDQKB		0BC8	+ 0050		12010158	09011995	
IEDQKC		0E98	+ 0058		12010138	09011995	
IEDQKD		06A8	+ 0018		12010138	09011995	
IEDQKE		0E10	+ 0118		12010138	09011995	
IEDQND		07F0	+ 00C0		06010138	07012502	
IEDQNF		0178	+ 0000		01010146	02011303	
IEDQNJ		01B8	+ 0000		02012412	02012502	
IEDQNK		0430	+ 00E8		06010343	07011493	
IEDQNL		01F0	+ 0038		02010139	03011361	
IEDQNC		0378	+ 0008		05010139	04011832	
IEDQNS		00E8	+ 0010		01010146	01011494	
IEDQNX		0320	+ 00E8		01010783	03011432	
IEDQQA		1000	+ 0000		06010159	08011432	
IEDQQE		0A08	- 0088		03010159	06011832	
IEDQOI01		00B8	- 0008		01011371	03010689	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CQ548

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDQWA		0DC8	+ 0468		02010343	05011432	
IEDQWAA	*	01A0				01010771	
IEDQWAB		0110	- 0010		01012501	03012364	
IEDQWAC		06F8	+ 0090	A	02012641	04011416	
IEDQWAJ		0578	- 0010		02010159	04012364	
IEDQWE		07E0	+ 0030		05010159	08011432	
IEDQWB1		0940	+ 0148		02010343	05012364	
IEDQWE2	*	0708				02001306	
IEDQWC		0F18	- 0030		02010343	05012365	
IEDQWC1		0CB0	+ 0278		02010343	04011361	
IEDQWC2		0D60	+ 01A8		02010150	04011307	
IEDQWC		0A38	+ 01B0		02010150	05011832	
IEDQWE		0B40	- 04B0		03010150	06011433	
IEDQWEC		0370	+ 0008		01000150	02000771	
IEDQWE1		0B40	- 04B0	A	03010150	06011433	
IEDQWE2	*	0E98				03012365	
IEDQWF		0120	+ 0050		02010150	04012365	
IEDQWH		06C0	- 0008		01012503	02010772	
IEDQWI		03D0	+ 0008		04010150	04010665	
IEDQWIA		0980	+ 0110		03012503	05011433	
IEDQWID		0660	+ 0060		02012503	04011433	
IEDQWIF		0E48	+ 0160		01012503	05011433	
IEDQWI1		03D0	+ 0008	A	04010150	04010665	
IEDQWI5U		0230	+ 00C8		01012503	02010663	
IEDQWI7		0150	+ 0038		01012504	02010663	
IEDQWI8		02D0	+ 0098		01012504	03011434	
IEDQWI9		06E0	+ 00D0		02010344	04011308	
IEDQWJ		0BB8	+ 02B8		02010344	05012365	
IEDQWJ1		0D28	+ 0160		03010344	05011434	
IEDQWJ2		0F40	+ 00A8		02010344	05011434	
IEDQWK		04A0	+ 00A0		02010344	04011434	
IEDQWK1		04A0	+ 00A0	A	02010344	04011434	
IEDQWL		05E8	+ 0078		02010159	05012375	
IEDQWL1		0688	+ 0080		02010159	04011309	
IEDQWL2		02E8	- 00C0		02010159	04012375	
IEDQWL3		0890	+ 0208		02010150	04012375	
IEDQWM2		0328	+ 0010		02010150	03010778	
IEDQWN		08C0	+ 0300		01012641	03011434	
IEDQWO		0A90	+ 02C8		03010186	06011442	
IEDQWP		0500	+ 0050		02010150	04011300	
IEDQWP1		0478	+ 0030		02010150	03010664	
IEDQWP2		0400	+ 0030		02010150	03010672	
IEDQWC		0560	+ 00A0		02010344	05011443	
IEDQWR		0458	+ 00C0		02010150	04011300	
IEDQWS		06C8	+ 0218		01012507	03011443	
IEDQWV		06F8	+ 0090		02012641	04011416	
IEDQWX		01A0	+ 0000		02012507	03010679	
IEDQWY		0208	- 0038		01012507	02010884	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CQ548

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDQW16		0208	- 0038	A	01012507	02010884	
IEDQW21		06F8	+ 0090	A	02012641	04011416	
IEDQW28		0458	+ 00C0	A	02010150	04011300	
IEDQW35		08C0	+ 0300	A	01012641	03011434	
IEDQW36		06C8	+ 0218	A	01012507	03011443	
IEDQW37		0560	+ 00A0	A	02010344	05011443	
IEDQW39		0500	+ 0050	A	02010150	04011300	
IEDQW41		01A0	+ 0000	A	02012507	03010679	
IEDQW42		0280	+ 00E0		01012528	03011300	
IEDQW43		0280	+ 00E0	A	01012528	03011300	
IEDQW44		03A8	+ 0000		01012529	02010679	
IEDQW47		0390	+ 00C8		02010150	05011443	
IEDQXE		14B0	+ 0338		01010150	03011995	
IEDQXC		1C48	+ 0038		06010151	06011995	
IEDQ14		0208	+ 0000		01013164	01011443	
IEDQ15		0208	+ 0000	A	01013164	01011443	IEDQ14
IEDQ20		0208	+ 0000		01012885	02011301	
IGCC010D	*	0400				02011441	
IGCC110E	*	0400				03011443	
IGCDB10D	*	0200				01010780	
IGCDC10E	*	0318				01010780	
IGCDD10D	*	03E8				04011701	
IGCD010E		03F8	+ 0060		01012412	02010670	
IGCD110D		03E8	+ 0008		01012413	02010670	
IGCE210E		0298	+ 0008		01012413	02010670	
IGCD310D		03F0	+ 00A0		01012413	03011444	
IGCD410E		0200	+ 0020		01012413	03011444	
IGCD510D		0330	+ 0008		01012410	02010671	
IGCD610E		0250	+ 00E8		01012410	02010780	
IGCD710D		0138	+ 0038		01012410	03011301	
IGCD810E		0380	+ 0008		01012410	02010679	
IGCD910D		03F8	+ 00F0		01012421	02010834	
IGCH010E		02A0	+ 0030		02010151	05011444	
IGCI010E		02C8	- 0008		02010151	04011301	
IGCI110D		02D8	- 0010		01012422	03012376	
IGCI210E	*	03D0				03011701	
IGCI310D	*	0288				03011701	
IGCMA10E		03D0	+ 0078		01012422	05011444	
IGCMB10D	*	03C0				03011444	
IGCMD10E	*	0400				03011445	
IGCME10D	*	0308				01010874	
IGCMF10E	*	03B8				02011305	
IGCMG10D	*	03E8				01010874	
IGCMH10E	*	0400				03011445	
IGCMI10E	*	01C8				02011305	
IGCMK10D	*	00C8				01010782	
IGCML10E	*	0400				01010782	
IGCMM10D	*	0400				01010782	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CQ548

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.CQ548

MODULE NAME	N E W	MCD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGCMN10D	*	03C8				01010782	
IGCMP10E	*	0330				03011995	
IGCMR10D	*	02B0				01010782	
IGCMS10E	*	0398				01010782	
IGCMT10D	*	0400				02011305	
IGCMX10E	*	0238				01010884	
IGCMY10D	*	0400				02011508	
IGCM010E		0400	+ 0040		01012422	02010674	
IGCM210D		01D0	+ 0010		01012428	03011306	
IGCM310E	*	02B8				01010862	
IGCM410D		0400	+ 01E0		01012428	02010839	
IGCM510E		0238	+ 0008		01012428	02010674	
IGCM610D		0178	+ 0008		01012428	02010679	
IGCM710E		0400	+ 0308		02010151	03010679	
IGCM810D		03D0	+ 0008		01012428	02010679	
IGCM910E		02A0	- 0010		01012429	03011445	
IGCR010D		02B0	+ 0050		01012429	04011996	
IGCSW10E	*	0400				02011306	
IGCT010D	*	0380				04011548	
IGCT110E	*	0358				01010864	
IGCT210D	*	03F8				02011306	
IGCT310E	*	0210				02011306	
IGCVA10D	*	0310				02011441	
IGCVF10E	*	0258				01010839	
IGCVF10D	*	02B8				01010839	
IGCVG10E	*	0130				01010839	
IGCV010D		0400	+ 0050		02010344	05011996	
IGCV110E		03E0	+ 0040		01012508	04011495	
IGCV210D		03E0	+ 0030		02010151	05011495	
IGCV310E		03F8	+ 00F0		02010156	05011446	
IGCV410D		02F8	- 0100		02010156	05011495	
IGCV510E		0400	+ 0000		01012429	02011307	
IGCV610E		0400	+ 0000		01012430	02011307	
IGCV710E		01D0	+ 0010		01010156	02011307	
IGCV810E	*	03B0				02011701	
IGCV910E	*	0340				03011446	
IGCZ010E		0400	+ 0298		01012430	05011446	
IGCZ110E		03F8	+ 0020		02010156	05011833	
IGC0B10D	*	03E8				01010863	
IGC0C10E	*	03E8				02011312	
IGC0D10D	*	0358				02011312	
IGC0E10E	*	03F8				01010864	
IGC0G10D	*	03C8				02011312	
IGC0J05E	*	0338				05011731	
IGC0010D		03F8	+ 0080		03012431	05011496	
IGC0110E		03F0	+ 0000		02012434	03011447	
IGC0210D		0380	- 0078		01010704	02011312	
IGC0310E		03D8	+ 0088		02012411	03010682	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGC0410E		03D8	+ 0000		03012411	03011312	
IGC0510D		03F8	+ 0178		01012411	02010682	
IGC0610E		0400	+ 0308		01012411	03011313	
IGC0710D		0400	+ 0010		02010156	05011996	
IGC0810E		0400	+ 0150		01012411	03011313	
IGC0910D		03F0	+ 0170		01012411	02010683	
IGE0004G		03F8	- 0008		05010156	07011447	
IGE0004H		0390	- 0008		01010784	03012199	
IGE0004I	*	03D8				24051447	
IGE0104G		0388	+ 0018		08010157	06012377	
IGE0104I	*	0168				04011447	
IGE0204G		02F0	+ 0000		03010157	04011447	
IGE0204H		0330	+ 0000		02010157	03012377	
IGE0304G		0140	+ 0000		02010161	03011313	
IGE0404G		0128	- 0008		01010157	01011447	
IGE0404H		02D0	+ 0010		02012412	03011833	
IGE0504G		03E8	+ 0050		04010157	04011998	
IGE0504H		0368	+ 0088		04010157	05011447	
IGE0604G		01A0	+ 0008		02012508	02011448	
IGE0904G		00B0	+ 0018		02010158	02011448	
IGE0904H		0398	+ 0030		03010158	05011440	
IGE0904I	*	03C0				02012377	
IGG019A0		0048	+ 0000		01012529	02010683	
IGG019AF		0090	+ 0000		01012508	02010683	
IGG019Q0		0510	+ 0100		04010158	05011999	
IGG019Q1		0250	+ 00C8		06010158	08011441	
IGG019Q2		26A0	+ 01E0		12010344	09011999	
IGG019Q3		1B60	+ 0138		12010349	09011999	
IGG019Q4		0E28	+ 00B0		12010349	09011999	
IGG019Q5		1530	- 0018		12010349	09011999	
IGG019Q6		04D8	+ 0058		07010349	07011443	
IGG019Q7		05F0	+ 0060		07010349	07011443	
IGG019Q8		0A50	+ 00D8		04010349	07011999	
IGG019RA		0070	+ 0010		01012230	01011444	
IGG019RB		0208	+ 0000		03012420	04010783	
IGG019RL		08E0	+ 0000		06010349	07011839	
IGG019RF		03E8	+ 0000		03012420	03011444	
IGG019RG		0C78	+ 0078		11010166	08011999	
IGG019RH		0720	+ 0010		03010166	04012378	
IGG019RI		0420	+ 0008		05012423	04011444	
IGG019RK		0170	+ 0010		04012423	03012378	
IGG019RL		0188	+ 0038		01012694	02011444	
IGG019RN		0540	+ 0000		09010349	07012379	
IGG019RO		0280	+ 0000		03012424	04010783	
IGG019RP		1260	+ 00B0		05010167	06011444	
IGG019RX		0040	+ 0000		01010340	02011444	
IGG019R0		2DA0	+ 0218		12010349	09011990	
IGG019R1		0438	+ 0000		04010167	05011445	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAM=SYS1.CQ548

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IGG019R2		0290	+ 0008		04012424	03012379	
IGG019R3		02F8	+ 0000		03010167	03011445	
IGG019R4		06E0	+ 0068		06010340	07011445	
IGG019R5		0360	+ 01B0		03012522	04011445	
IGG019R6		0508	+ 0040		04010168	05011839	
IGG019TF	*	0150				23051342	
IGG019TF	*	09D0				24051445	
IGG019TG	*	1690				25051990	
IGG019TH	*	0120				23051990	
IGG019TI	*	0320				25051445	
IGG019TJ	*	0550				25051445	
IGG019TM	*	0028				22050704	
IGG019TN	*	0448				23052380	
IGG01930		0400	+ 0000		04010168	04010686	
IGG01931		0400	+ 0000		02010162	03010686	
IGG01933		0400	+ 0000		02010163	03011839	
IGG01934		0400	+ 0000		04010163	04010687	
IGG01935		0400	+ 0000		02010787	04011639	
IGG01936		0400	+ 0000		05012426	05012380	
IGG01937		0400	+ 0000		06012523	06012380	
IGG01938		0400	+ 0000		06010163	06012380	
IGG0194B		0400	+ 0000		01013072	02012380	
IGG01940		0400	+ 0000		07010163	07012380	
IGG01941		0400	+ 0000		03010163	04011315	
IGG01942		0400	+ 0000		02010163	04012380	
IGG01943		0400	+ 0000		05010163	07011446	
IGG01944		0400	+ 0000		03010163	05011316	
IGG01945		0400	+ 0000		05010163	06011316	
IGG01946		0400	+ 0000		07010164	06011446	
IGG01947		0400	+ 0000		06012428	06010780	
IGG01948		0400	+ 0000		01010788	02011316	
IGG01949		0400	+ 0000		05010164	06011446	
IGG0198E	*	0400				23051446	
IGG0198D	*	0400				24051446	
IGG0198E	*	0400				22050867	
IGG0203E	*	0400				23051446	
IGG02030		0400	+ 0000		03010164	04010682	
IGG02035		0400	+ 0000		05010164	07012381	
IGG02036		0400	+ 0000		03010164	05011446	
IGG02041		0400	+ 0000		03010164	04011447	
IGG02046		0400	+ 0000		08010164	08011447	
IGG02047		0400	+ 0000		03010164	03011447	

NO. MODULES 455  
 NC. ALIAS 017  
 NO. ADDED 068  
 NC. DELETED 000  
 NO. CHANGED 262

COMPARE LEVEL 21.7 VS 21.8  
 DSNAM=SYS1.DCMLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
D		18C8	+ 0020	A	01010463	00011939	IKJEHDEL
DELETE		18C8	+ 0020	A	01010463	00011939	IKJEHDEL
IKJEBEAT		0170	+ 0008		01013065	02012012	
IKJEEFCI		09E8	+ 0018		02010379	03012123	
IKJEBEDE		0750	+ 0000		02010651	03011211	
IKJEBEIM		0D70	+ 0018		02010379	03011356	
IKJEBELE		0A28	+ 0008		01013346	02011661	
IKJEBEMA		0948	- 0028		01011387	02012126	
IKJEBEME		09A0	+ 0008		02010379	03012012	
IKJEBERN		0AF0	+ 0018		02010370	03012013	
IKJEBESA		1848	+ 0000		02010402	03011544	
IKJEBESE		0340	+ 0050		01011388	02012127	
IKJEFE01		08F0	+ 0008		01012368	02011550	
IKJEFE03		0E28	+ 0040		01012750	02011543	
IKJEFF16		04B0	- 0010		01010640	01011624	
IKJEFR00		17D8	+ 0000		02010346	04011317	IKJEFR00
IKJEGCVT		2240	+ 0000		01010042	02011449	
IKJEGCFF		0F40	- 0098		01011928	02011516	
IKJEHCIR		02D0	- 0010		01011479	00011939	
IKJEHLEL		18C8	+ 0020		01010463	00011939	
IKJEHREN		20B0	+ 0000		01010199	00011939	
IKJLKI01		2740	+ 0400		01012099	00011065	
IKJLKI02		0308	+ 0048		01011315	00011126	
R		17D8	+ 0000	A	02010346	04011317	IKJEFR00
REN		20B0	+ 0000	A	01010199	00011939	IKJEHREN
RENAME		20B0	+ 0000	A	01010199	00011939	IKJEHREN
RUN		17D8	+ 0000	A	02010346	04011317	IKJEFR00

NO. MODULES 165  
 NC. ALIAS 029  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 027

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.DHELP

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
E		0000	+ 0000	A	01013067	40431552	
EDIT		0000	+ 0000		01013067	40431552	

NO. MODULES 032  
 NO. ALIAS 020  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 002

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.DM508

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
EMODVOL1		0400	+ 0000	A	01011282	00010262	IFG0552J
FCE2STD1		0038	+ 0000	A	01010180	01010314	IGG0197J
IECQBFG1		00E8	+ 0010		01013548	01011146	
IFG0190P		0400	+ 0000		00010664	00011380	
IFG0193B		0400	+ 0000		00010330	00011369	
IFG0193C		0400	+ 0000		01011281	00011890	
IFG0193D		0400	+ 0000		00010345	00011369	
IFG0194A		0400	+ 0000		01011282	00011235	
IFG0194E		0400	+ 0000		00010665	00010251	
IFG0194F		0400	+ 0000		00010333	00011034	
IFG0194G		0400	+ 0000		00010333	00011566	
IFG0194H		0400	+ 0000		00010531	00011369	
IFG0194I		0400	+ 0000		01011282	00011385	
IFG0194R	*	0400				00011380	
IFG0195A		0400	+ 0000		00010665	00010929	
IFG0195E		0400	+ 0000		00011098	00011983	
IFG0195H		0400	+ 0000		01011281	00011363	
IFG0195J		0400	+ 0000		01011282	00010255	
IFG0195K		0400	+ 0000		00010661	00011369	
IFG0195M		0400	+ 0000		00010665	00011144	
IFG0195N		0400	+ 0000		00010664	00010920	
IFG0195U		0400	+ 0000		00010330	00011289	
IFG0195V		0400	+ 0000		01011283	00011289	
IFG0196N		0400	+ 0000		01011283	00010992	
IFG0196Q		0400	+ 0000		01011284	00011369	
IFG0196T		0400	+ 0000		01011284	00011566	
IFG0196U		0400	+ 0000		01011284	00011369	
IFG0198N		0400	+ 0000		00010342	00011144	
IFG0199B		0400	+ 0000		01011596	00010920	
IFG0199C		0400	+ 0000		01011284	00010920	
IFG0200P		0400	+ 0000		00010921	00011937	
IFG0200V		0400	+ 0000		00010580	00010921	
IFG0200W		0400	+ 0000		00010346	00010921	
IFG0200Y		0400	+ 0000		00010882	00010203	
IFG0200Z		0400	+ 0000		01011285	00011379	
IFG0201R		0400	+ 0000		00013459	00011235	
IFG0201U	*	0400				00011406	
IFG0202A		0400	+ 0000		00010346	00011379	
IFG0202E		0400	+ 0000		00010883	00010594	
IFG0202G		0400	+ 0000		01011287	00011361	
IFG0202H		0400	+ 0000		00010397	00010300	
IFG0202I		0400	+ 0000		00010397	00010394	
IFG0202J		0400	+ 0000		00010344	00010191	
IFG0202K		0400	+ 0000		00010172	00011363	
IFG0209B		0400	+ 0000	A	01011596	00010920	IFG0199E
IFG0209C		0400	+ 0000	A	01011284	00010920	IFG0199D
IFG0230P		0400	+ 0000		00010514	00010596	
IFG0232A		0400	+ 0000	A	07010148	07010275	IGC0002C

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DM508

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DM508

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME	MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IFG0232D		0400	+ 0000		00010395	00010921		IFG0559E		0400	+ 0000	A	01011596	00010920	IFG0199B
IFG0232G		0400	+ 0000		00010852	00011379		IFG0559D		0400	+ 0000	A	01011284	00010920	IFG0199C
IFG0232S		0400	+ 0000		00010341	00010597		IGC0G05E		01C0	+ 0010		03011066	03010263	
IFG0239B		0400	+ 0000	A	01011596	00010920	IFG0199E	IGC0G95B		0400	+ 0000		01010925	01011382	
IFG0239D		0400	+ 0000	A	01011284	00010920	IFG0199D	IGC0H05E		0400	+ 0000		02010288	02011581	
IFG0550P		0400	+ 0000		00010511	00011146		IGC0I05B		0400	+ 0000		03010289	03011144	
IFG0551E		0400	+ 0000		00010283	00010242		IGC0J05E	THIS MEMBER WAS DELETED						
IFG0551F		0400	+ 0000		00010172	00011849		IGC0K05B		0400	+ 0000		03010929	03011363	
IFG0551H		0400	+ 0000		00010889	00011370		IGC0K95E		0400	+ 0000		00010929	00012135	
IFG0551J		0400	+ 0000		00010335	00011362		IGC0L05B		0400	+ 0000		03010580	03011380	
IFG0551L		0400	+ 0000		00010635	00010275		IGC0N05E		0400	+ 0118		03011042	03012173	
IFG0551N		0400	+ 0000		00010140	00010275		IGC0N95B		01D0	+ 0008		00010648	00011612	
IFG0551P		0400	+ 0000		01011281	00011370		IGC0P05E		02B8	+ 0008		04011801	03010264	
IFG0551R		0400	+ 0000		00010335	00011362		IGC0Q05B		0180	+ 0008		01010483	03011551	
IFG0551T		0400	+ 0000		00010335	00011146		IGC0S05E		03B0	+ 0000		02010827	02010199	
IFG0551X		0400	+ 0000		00010827	00010262		IGC0U05B		0328	+ 0008		00010588	00010199	
IFG0551Z		0400	+ 0000		01011281	00011362		IGC0001I		0310	+ 0000		11031281	10030261	
IFG0552B		0400	+ 0000		01011944	00010262		IGC0002A		0400	+ 0000		08011276	07010921	
IFG0552C		0400	+ 0000		01011282	00011370		IGC0002E		02D8	+ 0008		06011281	05010261	
IFG0552F		0400	+ 0000		01011282	00011380		IGC0002C		0400	+ 0000		07010148	07010275	
IFG0552H		0400	+ 0000		00010283	00011370		IGC0002L		01F8	+ 0048		05033445	05031211	
IFG0552J		0400	+ 0000		01011282	00010262		IGC0002E		0370	+ 0010		12011082	12011938	
IFG0552L		0400	+ 0000		01011282	00010262		IGC0002F		0400	+ 0000		01011528	00011983	
IFG0552N		0400	+ 0000		01011944	00010238		IGC0002G		0400	+ 0000		04010289	04010264	
IFG0552P		0400	+ 0000		00010338	00011938		IGC0002I		0400	+ 0000		06010331	06010307	
IFG0552R		0400	+ 0000		00013032	00011381		IGC0002O		0400	+ 0000		04010148	04010262	
IFG0552T		0400	+ 0000		01011282	00011381		IGC0003A		0400	+ 0000		07010762	07011712	
IFG0552V		0400	+ 0000		00010284	00010262		IGC0003B		0400	+ 0000		08030394	08030921	
IFG0552X		0400	+ 0000		00010857	00010262		IGC0003O		0400	+ 0000		02010331	02010233	
IFG0552Z		0400	+ 0000		00010286	00010262		IGC0005E		0400	+ 0000		11010344	11011849	
IFG0553E		0400	+ 0000	A	00010397	00010300	IFG0202H	IGC0006H		0228	+ 0018		04011084	04010308	
IFG0553F		0400	+ 0000		01011284	00011363		IGC0006I		0400	+ 0008		05011131	05011938	
IFG0553H		0400	+ 0000		00010665	00011382		IGC0008A		0400	+ 0000		01010092	01010275	
IFG0553P		0400	+ 0000		00011085	00010262		IGC0009H		0418	+ 0050		01011472	00211938	
IFG0553T		0400	+ 0000		00010330	00011792		IGC0010C		02D0	+ 0000		02012101	01011381	
IFG0553V		0400	+ 0000		00010330	00010263		IGC0010E		0330	- 00D0		01010073	01011402	
IFG0553X		0400	+ 0000		01011289	00010263		IGC0106H		02C8	+ 0008		05013379	05010197	
IFG0553Z		0400	+ 0000		00010286	00011146		IGC0109H		03F8	+ 0010		01011473	00212131	
IFG0554J		0400	+ 0000		00010342	00010275		IGC0206H		0330	+ 0020		01013151	00010300	
IFG0554N		0400	+ 0000		00010343	00010275		IGC0506H		0130	+ 0010		00013095	01011290	
IFG0554P		0400	+ 0000		00010343	00010597		IGC0706H		03E8	+ 0000		03011277	02010197	
IFG0554R		0400	+ 0000		00010343	00011382		IGC0906H		0400	+ 0000		04011040	04011277	
IFG0554T		0400	+ 0000		00010347	00010921		IGGR19AF		0220	+ 0000		01011099	01010301	
IFG0554X		0400	+ 0000		00010347	00010276		IGGR19BC		0148	+ 0000		02011278	01010277	
IFG0554Z		0400	+ 0000		00010347	00010274		IGGR19BH		01B8	+ 0020		01013039	01010932	
IFG0555C		0400	+ 0000		01011881	00011382		IGGR19BK		01E0	+ 0020		02011270	01011972	
IFG0555F		0400	+ 0000		00010889	00010274		IGGR19CI		0268	+ 0008		01010632	01010190	
IFG0555H		0400	+ 0000		00010580	00010274		IGGR19CJ		0290	+ 0040		01010148	01011406	



COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.DM508

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.DM508

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME	MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGGR19CU		0720	+ 0020		01010751	01011404		IGG019VF		0050	+ 0000		00053211	01010865	
IGG0CIC2		0400	+ 0000		01011510	00011748		IGG019VG		02F0	+ 0008		01051033	01010864	
IGG0CLC4		0400	+ 0000		01013199	00011146		IGG019VH		0310	+ 0000		00053210	01010865	
IGG0CLC6		0400	+ 0000		01011511	00011748		IGG019VI		00B0	+ 0000		00053210	01011004	
IGG0CLC7		0400	+ 0000		01013190	00011792		IGG019VJ		01A0	+ 0000		00053212	01010866	
IGG0CIC8	*	0400				00011792		IGG019VK		0220	+ 0000		01051033	01010864	
IGG019AB		0098	- 0010		03011271	02010301		IGG019V1		00B8	+ 0008		00050430	00051787	
IGG019AE		0108	+ 0000		03011271	02010301		IGG019V5		0F90	+ 0070		01050871	01051939	
IGG019AF		01C8	+ 0008		03011090	03010301		IGG0191A		0400	+ 0000		12010751	12011972	
IGG019AF		0260	+ 0018		04013571	03010301		IGG0191E		0400	+ 0000		08011801	07011385	
IGG019AL		0140	- 0010		03011029	03010301		IGG0191C		0400	+ 0000		05011081	05011939	
IGG019AV		00B8	+ 0008		02013379	02010191		IGG0191D		0400	+ 0000		07012579	06010302	
IGG019BC		00F0	+ 0000		03011275	02010276		IGG0191G		0400	+ 0000		05010669	05010302	
IGG019BH		0160	+ 0020		03013039	03010933		IGG0191J		0400	+ 0000		08012280	07010302	
IGG019BI		00C0	+ 0050		01010932	01010361		IGG0191N		0400	+ 0000		05012002	04010302	
IGG019BK		0170	+ 0018		03011275	02011298		IGG0191C		0400	+ 0000		02011800	01010303	
IGG019BO		0278	+ 0018		02012747	02010190		IGG0191P		0400	+ 0000		05012002	04010303	
IGG019BQ		0378	+ 0020		01010871	01010190		IGG0191Q		0400	+ 0000		06011271	05011404	
IGG019BU		0098	+ 0000		00013572	01010196		IGG0191R		0400	+ 0000		07013165	06010190	
IGG019BV		0148	+ 0000		02013570	02010196		IGG0191S		0400	+ 0000		02012190	01010303	
IGG019CC		0308	+ 0000		04013039	04010301		IGG0191Y		0400	+ 0000		03012253	02010303	
IGG019CD		02D0	+ 0030		07011614	06010277		IGG0191Z		0400	+ 0000		02011604	01010312	
IGG019CE		01A0	+ 0000		02012708	01010301		IGG01910		0400	+ 0000		05011756	04010313	
IGG019CF		0270	+ 0000		02013371	02010301		IGG01911		0400	+ 0000		09011271	08010313	
IGG019CI		0118	+ 0010		04011278	03010191		IGG01917		0400	+ 0000		02013370	02011980	
IGG019CJ		0128	+ 0020		05012579	04011939		IGG0196A		0400	+ 0000		01010932	01011383	
IGG019CU		0620	+ 0018		08011040	08011404		IGG0196B		0400	+ 0000		02011283	01010279	
IGG019C1		0168	+ 0008		03010934	02011514		IGG0196I		0400	+ 0000		00010339	00011145	
IGG019C2		0438	+ 0020		03013566	03010195		IGG0196J		0400	+ 0000		00010339	00011976	
IGG019C4		0120	+ 0008		02011344	01010195		IGG0196K		0400	+ 0000		00011027	00012259	
IGG019EI		01A0	- 0008		00013373	00011385		IGG0196L		0400	+ 0000		01012651	00010270	
IGG019EJ		01A8	+ 0000		01011755	00010195		IGG0196P		0400	+ 0000		02013553	01010270	
IGG019EK		01E0	+ 0008		01011310	01010395		IGG0197A		0400	+ 0000		01053014	01010864	
IGG019FA		01D8	+ 0028		01010251	03012012		IGG0197E		0400	+ 0000		01053014	01010865	
IGG019FC		01D0	+ 0010		03012745	02011786		IGG0197C		0400	+ 0000		01051345	00050390	
IGG019FF		01D8	+ 0008		04012579	03011786		IGG0197E		0400	+ 0000		01013445	01011067	
IGG019FJ		0160	+ 0018		04011279	03011146		IGG0197F		0400	+ 0000		01013449	01011068	
IGG019FK		0190	+ 0000		01010141	03010740		IGG0197J		0038	+ 0000		01010180	01010314	
IGG019FL		0238	+ 0008		03012681	03010301		IGG0197U		0400	+ 0000		02011479	01011126	
IGG019FQ		03F0	+ 0010		01010141	03010740		IGG01990		0400	+ 0000		03011757	02011214	
IGG019FU		0138	+ 0030		01010142	03011130		IGG020D1		0400	+ 0000		09010140	09010264	
IGG019TC		02D0	+ 00F8		02011771	01010196		IGG0200F		THIS MEMBER WAS DELETED					
IGG019T2		0448	+ 0028		02010091	02010206		IGG0200G		0400	+ 0000	A	00010882	00010203	IFG0200Y
IGG019VA		0108	+ 0000		01052851	01010865		IGG0201A		0400	+ 0000		11010669	11011388	
IGG019VE		0168	- 0008		02050922	03010865		IGG0201B		0400	+ 0000		07013264	06011389	
IGG019VC		0140	+ 0000		00053211	01010864		IGG0201D		0400	+ 0000		01051345	00050199	
IGG019VE		0190	+ 0000		00053211	01010864		IGG0201F		0400	+ 0000		01010142	03012012	
IGG019VE		0328	+ 0000		01051033	01010865		IGG0201R		0400	+ 0000		01010142	03012012	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DM508

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DM509

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGG0201X		0400	+ 0000		02011346	01011389	
IGG0201Y		0400	+ 0000		02010392	02011383	
IGG0201Z		0400	+ 0000		05011287	04011389	
IGG0206M		0400	+ 0000	A	00010921	00011937	IFG0200F
IGG021AB		0400	+ 0000		00010149	00010825	
IGG0210A		0400	+ 0000		05011287	04010825	
IGG0290A		0400	+ 0000		05010334	05010266	
IGG0290C		0400	+ 0000		03010140	03010266	
IGG0290F		0400	+ 0000		02010395	02010266	
IGG03001		0400	+ 0000		07030632	07030266	
IGG0325A		0400	+ 0000		01010635	01010266	
IGG0325E		0400	+ 0000		06011089	06011389	
IGG0325C		0400	+ 0000		03012892	02010267	
IGG0325L		0400	+ 0000		04032018	03030267	
IGG0325E		0400	+ 0000		06030755	06030267	
IGG0325F		0400	+ 0000		04013006	03010267	
IGG0325G		0400	+ 0000		03012892	02010267	
IGG0325H		0400	+ 0000		05032016	04030267	
IGG0325J		0400	+ 0000		04030755	04030267	
IGG0325K		0400	+ 0000		03012016	02010268	
IGG0325L		0400	+ 0000		03010755	03010268	
IGG0325F		0400	+ 0000		03010647	03011364	
IGG0325Z		0400	+ 0000		02010639	02010268	
IGG0550E		0400	+ 0000	A	00013032	00011381	IFG0552R
IGG0550L		0400	+ 0000	A	00010665	00011382	IFG0553H
IGG0550F		0400	+ 0000	A	00010335	00011146	IFG0551T
IGG0550B		0400	+ 0000	A	01011944	00010238	IFG0552N
IGG0550K		0400	+ 0000		00010343	0000 9 6	
IGG0550F		0400	+ 0000	A	00010827	00010262	IFG0551X
IGG0550S		0400	+ 0000	A	00010347	00010921	IFG0554T
IGG0551A		0400	+ 0000	A	00010635	00010275	IFG0551L
IGG0551E		0400	+ 0000	A	00010140	00010275	IFG0551N
IGG0552K		0400	+ 0000		00010343	0000 9 6	
IGG0553A		0400	+ 0000		07010453	07010268	
IGG0553B		0400	+ 0000		02033033	02030268	
IGG0553C		0400	+ 0000		04010756	04010269	
IGG0553L		0400	+ 0000		04010131	03010945	
IGG0553E		0400	+ 0000		08010942	08010597	
IGG0553F		0400	+ 0000		01012881	00010269	
IGG0553G		0400	+ 0000		00010343	00010269	
IGG08103		0400	+ 0000		02011288	01011126	
IGG08104		0400	+ 0000		01013440	01011065	
OMODVOL1		0400	+ 0000	A	01011281	00011890	IFG0193C

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGC0005C		0168	+ 0058		01011049	01011145	
IGGR19DA		0330	+ 0018		01011081	01011723	
IGGR19LL		0528	+ 0020		02012741	01011710	
IGGR19KI		00C8	+ 0008		01010408	01010992	
IGGR19KK		0158	+ 0008		01013443	01010932	
IGGR19KM		02D0	+ 0008		01010408	01010933	
IGGR19KN		0580	+ 0000		01010167	01010933	
IGG019DA		0298	+ 0018		07011081	07011783	
IGG019DC		00C8	+ 0000		05010344	05010933	
IGG019DD		0438	+ 0020		06012744	05011710	
IGG019KA		0618	+ 0030		06010787	06011164	
IGG019KC		0108	+ 0000		01010179	01010268	
IGG019KE		0128	+ 0008		02011040	02010268	
IGG019KF		02D0	+ 0008		02011040	02010268	
IGG019KI		0090	+ 0008		02013000	02010992	
IGG019KJ		0E50	+ 0060		02010787	02012008	
IGG019KK		00A8	+ 0008		01014093	01010992	
IGG019KL		0180	+ 0008		01010183	01011198	
IGG019KM		0228	- 0008		07011794	06010933	
IGG019KN		0528	+ 0008		00013574	01010944	
IGG019KR		02C8	+ 0000		03011280	02011896	
IGG019KU		01C0	+ 0040		03010793	03011278	
IGG019LE		0160	+ 0000		04010958	04011363	
IGG019LG		0358	- 0020		05013164	04011126	
IGG019LI		00D8	- 0008		02013163	01011147	
IGG019LL		0400	+ 0000		07010530	07011147	
IGG0193A		0400	+ 0000		08013030	08010268	
IGG0193E		0400	+ 0000		05011087	05010268	
IGG0203A		0400	+ 0000		07013164	06011278	

NO. MODULES 049  
 NO. ALIAS 000  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 029

NO. MODULES 459  
 NO. ALIAS 045  
 NO. ADDED 003  
 NO. DELETED 002  
 NO. CHANGED 278

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DN527

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFBSR000		01D0	+ 0000		01012023	02010151	
IFBSR3A5		2538	+ 00D8		03010462	04010860	
IFBSR3C3		1D28	+ 0118		01010123	02010860	
IFCECUA0		0330	+ 0008		02013264	03013607	
IFCEC165		11A0	+ 0008		01011096	02012018	
IFCED095		0BB0	- 0058		01012512	02010151	
IFCED165		1F58	+ 0000		01011096	02010185	
IFCEE165		1408	+ 0008		01011096	02012018	
IFCEF165		15E0	+ 0018		01011096	02012018	
IFCEG155		0F28	+ 0000		02013265	04010793	
IFCEIPL0		07E8	+ 0028		01011171	01011368	
IFCEI135		1A48	+ 0090		03013336	04010860	
IFCEL155		1630	+ 0570		01013266	02011431	
IFCEM155		2240	+ 0240		01010939	02012018	
IFCEP005		0B78	+ 0000		02010550	02011368	
IFCEP007		0C50	- 0008		03011096	03011368	
IFCEP009		03E0	+ 0008		01010130	02013607	
IFCEREPO		1160	+ 0020		02010646	02011368	
IFCETRN4		0D10	+ 0018		01010809	02013607	
IFCEVCL0		0370	+ 0030		02013268	03013608	
IFCEXXXB		1AD8	+ 0060		02010855	03013608	
IFCEXXXX		0BF8	+ 0068		02013338	04010995	
IFCEXXX0		0BE0	- 0008		01013239	02013608	
IFCEXXX7		0D70	+ 0000		03013269	04013608	
IFCEXXX8		0D80	+ 0010		01010140	02013608	
IFCE0050		1B78	+ 0058		01012647	02010730	
IFCE0155		07D8	- 00D8		02010947	03012018	
IFCE2860		1568	+ 0030		01012085	02010287	
IFCE2870		1628	+ 0058		01012085	02010287	
IFCE2880		3338	+ 0050		01012659	02010185	
IFCMES00		0A50	+ 0000		02013338	03011368	
IFCRDESM		2748	+ 0000		03010659	04013608	
IFCRDE03		02A0	+ 0000		02011096	03011994	
IFCRE002		0AE8	- 0010		03011096	03011367	
IFCRE003		07C8	+ 0000		03013339	04010287	
IFCSCUA0		0608	+ 0008		02013339	03013608	
IFCSIPL0		06A8	+ 0008		01012030	01011368	
IFCSUKNC		0460	+ 0088		01010141	02013609	
IFCSVOL0		0430	+ 0028		02013330	03011367	
IFCSXXXA		1150	+ 0000		03013569	04010151	
IFCSXXXB		1D40	+ 0140		03010855	04010860	
IFCSXXXC		0EE8	- 0120		03013569	03011368	
IFCSXXXD		2350	+ 0000		02013396	02011368	
IFCSXXXX		0B98	+ 0088		02013331	04010995	
IFCSXX7		0C38	+ 0000		03013433	04013609	
IFCSXX8		0CC8	+ 0008		01010141	02013609	
IFCSXX9		1368	+ 0008		01010142	02013612	
IFCS0095		2550	+ 0040		01012028	02013609	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DN527

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFCS0165		1C18	+ 0030		02011097	03011994	
IFCS2860		0AA0	+ 0048		01012085	02010287	
IFCS2870		0AD0	+ 0068		01012085	02010878	
IFCS2880		0B00	+ 0050		01011095	03010151	

NC. MODULES 159  
NO. ALIAS 000  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 052

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DN533

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFDMSG00		04C0	+ 0000		03010263	04013546	
IFDOLT00		0398	+ 0000		03010794	04013548	
IFDOLT03		0528	+ 0008		01013355	03013546	
IFDOLT30		0710	+ 0000		03010352	04013548	
IFDOLT31		0700	+ 0000		01013230	02010954	
IFDOLT35		0750	+ 0000		04012867	05013546	
IFDOLT48		0A28	+ 0050		03010352	04013548	
IFDOLT55		0918	+ 0008		03010263	04011216	
IFDOLT61		05F0	+ 0028		03010263	04010954	
IGC0005I		03B0	+ 0008		01012039	04013548	
IGC0605I		02E8	+ 0000		02010828	03013546	
IGE0019I		0388	+ 0028		02012867	03011216	
IGE0119I		0300	+ 0040		01010670	01011366	

NO. MODULES 085  
NO. ALIAS 000  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 013

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DN539

MODULE NAME	N E W	MCD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
ICFBDF00	*	0EA8				01031506	
ICFBEX00	*	0008				01031507	
ICFBIF00	*	00C0				01031508	
ICFBIX00	*	0008				01031508	
ICFTIF00	*	1B00				01031518	
IGC0008E		03F0	- 0010		02013546	02011890	
IGC0208E		0370	+ 0068		02013546	02011215	
IGC0308E		0280	+ 0000		02013278	02011659	
IGC0408E		03F8	+ 0028		02013560	02011890	
IGC0508E		03F0	+ 0050		02010755	02011216	
IGC0608E		0378	+ 0060		02013278	02011659	
IGC0708E		0298	+ 0000		02013145	02011217	
IGC0808E		01B8	+ 0000		02010755	02011217	
IGC0908E	*	02F0				02011217	
IGE0660A		01D0	+ 0058		02013560	02011217	
IGFCCBIN		04A8	+ 0028		02013064	02010957	
IGFDDR00		06B8	+ 0000		04010888	04011261	
IGFDDR02		01C0	+ 0040		02010674	02011852	
IGFDDR03		0110	+ 0020		02053512	02051621	
IGFDDR10		0748	+ 0010		04010888	04011261	
IGFMCH00		0AC0	+ 00A8		02030782	02031681	
IGFMCH01		03F8	+ 0030		01031996	02031214	
IGFMCH02		03C8	- 0020		02030598	02031120	
IGFMCH03		03E8	+ 0000		02030598	02031027	
IGFMCH04		1668	+ 0008		02031076	02031907	
IGFMCH12		0410	+ 0000		02011262	02011028	
IGFMCH20		03E0	- 0008		02031267	02031028	
IGFMCH30		03F0	- 0008		02053561	02051081	
IGFMCH40		03A0	+ 0008		02011269	02011059	
IGFMCH50		03A8	+ 0008		02011260	02011028	
IGFMFT00		08D8	+ 0000		02010479	02011028	
IGF24MPL		03E8	+ 0000		02010075	02011370	
IGF2403D		03A8	+ 0010		02010073	02011371	
IGF2503E		0358	- 00A8		02010598	02011223	
IGF34MPD		00E0	+ 0000		02010074	02011371	
IGF65FMC		1990	+ 0000		02010642	02011081	
IGF65MFT		1800	+ 0000		02010596	02011090	
IGF65MP		1800	+ 0000		02010642	02011081	
IGF65MVT		1800	+ 0000		02010598	02011081	
IGF65PMC		1990	+ 0000		02010758	02011081	
IGF65VMC		1990	+ 0000		02010598	02011082	

NO. MODULES 102  
NO. ALIAS 001  
NO. ADDED 006  
NO. DELETED 000  
NO. CHANGED 035

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.DN554

MODULE NAME	N E W	MCD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
HMASMAPA	*	0EF0				04011541	
HMASMASI	*	0540				04012054	
HMASMASM	*	0938				04010870	
HMASMCPI	*	1500				04010870	
HMASMCPY	*	0AD8				04010870	
HMASMDRV	*	2120				04011708	
HMASMEXT	*	0008				04010870	
HMASMIC	*	0DE0				04011891	
HMASMJC	*	2210				04011708	
HMASMLCD	*	1908				04011709	
HMASMLKI	*	15F0				04011541	
HMASMLKI	*	22D8				04012120	
HMASMLOG	*	0AB8				04011060	
HMASMSG	*	1A90				04011709	
HMASMREC	*	4510				04011891	
HMASMRES	*	0E50				04012017	
HMASMSCN	*	04C0				04011891	
HMASMTBI	*	2658				04012018	
HMASMCL	*	1C90				04011840	
HMASMUPD	*	1180				04011381	
HMASM2AF	*	10D0				04011381	
IMASPZAF		2AA8	+ 0268		03010944	05011848	
IMBLKCTI		2048	+ 0008		00010339	00010303	
IMBLKERR		0268	+ 0000		00010141	00010351	
IMBLKIDR		1AE8	+ 0178		00010146	00010441	
IMELKIDM		1028	+ 0000		00010144	00011153	
IMELKMSG		0560	+ 0020		01011287	00010303	
IMELKREF		1EF8	+ 0080		01012459	00010316	
IMBMDRAP		2730	+ 0018		02010574	02011938	
IMDPRCTI		1E08	+ 0008		03011005	01011053	
IMDPRIPA		04C0	- 0070		03010058	01011052	
IMDPRNST		0860	- 0008		03013149	01011053	
IMDPRPDR		0330	- 00E0		01011832	01011053	
IMDPRMS		03C8	+ 0000		01011541	01011026	

NO. MODULES 079  
NO. ALIAS 000  
NO. ADDED 021  
NO. DELETED 000  
NO. CHANGED 013

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.DN554A

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NO. MODULES 001  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.ED521

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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IEWLMACA	06F0	-	0038		00010514	00010294	
IEWLMBTP	1048	+	0058		00013442	00011846	
IEWLMESD	0680	+	0058		00010164	00011846	
IEWLMFNI	0870	+	0010		01011282	00011847	
IEWLMICR	0990	+	0008		01011282	00011847	
IEWLMINP	05F8	+	0010		00013459	00010827	
IEWLMINT	0FB8	+	0030		00010082	00011847	
IEWLMOUT	0C00	+	0008		01011283	00011847	
IEWLMRAT	1880	+	0048		00010510	00011847	
IEWLMREI	0E90	+	0008		01011284	00011847	
IEWLMRCU	08A8	+	0090		01011346	00011847	
IEWLMSCD	12E0	+	0018		01011285	00011890	
IEWLMSCN	0ED8	-	0080		01011285	00011710	

NO. MODULES 022  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 013

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.DUADS

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NO. MODULES 001  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.FORTLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NO. MODULES 000  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.F0500

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IEKAA00		1330	+ 0008		02033279	02000674	
IEKAINI1		06F0	+ 0000		01000042	02000674	
IEKCIC		1900	+ 0008		01011412	02000674	
IEKCSR		1B48	- 0008		01000043	02000674	
IEKDCL		1CE8	+ 0008		02011412	02000675	
IEKJA		4DD8	+ 01F0		01000045	02000675	
IEKJAL		3388	+ 0038		02011443	02000675	
IEKKUN		3448	- 0010		01000045	02000675	
IEKLAE		3288	+ 0028		02013471	02001301	
IEKP30		57D8	- 0028		02011413	02000667	
IEKQEM		29C0	+ 0030		01000045	02000667	
IEKQXM		1CB8	+ 0010		01000045	02000667	
IEKREP		3A18	+ 0000		01013279	02000666	
IEKRCI		2360	+ 0008		02011414	02000668	
IEKRFR		2C40	+ 0018		02012182	02001300	
IEKRL1		09F8	+ 0008		01010571	02001301	
IEKRS		2FC8	+ 0068		02011414	02000668	
IEKRSS		2408	+ 0018		02011414	02000668	
IEKTLAC		0C48	+ 0028		01000046	02000668	

NO. MODULES 132  
NO. ALIAS 000  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 019

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.F0520

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
-----							
NO. MODULES 009							
NO. ALIAS 000							
NO. ADDED 000							
NO. DELETED 000							
NO. CHANGED 000							

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.F0550

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
-----							

NO. MODULES 004  
NO. ALIAS 000  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.GENLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
CTRLPRCG		0000	+ 0000		23430985	41291118	
EDITOR		0000	+ 0000		03030130	40920069	
GENERATE		0000	+ 0000		30930019	41620060	
GENISO		0000	+ 0000		02031285	41281188	
ICCONTRL		0000	+ 0000		23430950	41121168	
IODEVICE		0000	+ 0000		30390006	41281197	
SCHEDLR		0000	+ 0000		03030279	40940052	
SGASMPAK		0000	+ 0000		06031286	40940053	
SGGLEPAK		0000	+ 0000		13030850	13031153	
SGGEN100		0000	+ 0000		30821218	41841098	
SGIEA2EK		0000	+ 0000		02012441	41000026	
SGIEA2NP		0000	+ 0000		30990978	41000079	
SGIEA2SU		0000	+ 0000		30170901	41000030	
SGIEA3IC		0000	+ 0000		10052581	41000027	
SGIEA5SU		0000	+ 0000		30170904	41000031	
SGIEC2GR		0000	+ 0000		22930320	40441137	
SGIEC2PT		0000	+ 0000		01033242	41410199	
SGIEC202		0000	+ 0000		30760011	41781331	
SGIEC5DM		0000	+ 0000		30391367	41790029	
SGIEC5IS		0000	+ 0000		08031287	41640016	
SGIEC5PS		0000	+ 0000		30881239	41360046	
SGIEC5TP		0000	+ 0000		30990076	41930557	
SGIEC500		0000	+ 0000		30271015	41970082	
SGIEC520		0000	+ 0000		01012520	40850436	
SGIEE201		0000	+ 0000		30510065	41120108	
SGIEF211		0000	+ 0000		30300001	42010015	
SGIEF441		0000	+ 0000		09031114	41160008	
SGIEF443		0000	+ 0000		06011116	41151184	
SGIEH402		0000	+ 0000		23570012	42141201	
SGIEW201		0000	+ 0000		01052436	40300038	
SGIEW400		0000	+ 0000		01052575	40300040	
SGIFC400		0000	+ 0000		30852059	33610232	
SGIFF2EM		0000	+ 0000		30920623	40561595	
SGIGF400		0000	+ 0000		30471200	41080112	
SGIGG501		0000	+ 0000		31080006	40850439	
SGIHG400		0000	+ 0000		23470037	41980038	
SGIKJ445		0000	+ 0000		01031261	41440585	
SGIMA401		0000	+ 0000		01011941	41370075	
SGIMA402	*	0000				40870022	
SGPAK248		0000	+ 0000		08030850	08031939	
SGPAK768		0000	+ 0000		01030850	01031930	
SGRELLEV		0000	+ 0000		06002314	41130001	
UNITNAME		0000	+ 0000		30400591	41290003	

NC. MODULES 219  
 NO. ALIAS 000  
 NC. ADDED 001  
 NO. DELETED 000  
 NC. CHANGED 042

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.IMAGELIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
FCBKSTD1	*	0028				01011391	IGG019FH
FCBKSTD2	*	0030				01011391	IGG019FI
IGG019FB	*	0028				01011391	
IGG019FI	*	0030				01011391	
IGG019UC							THIS MEMBER WAS DELETED
IGG019UP		0218	+ 0000		00000000	C9C7 7 0	
UCS2G11							THIS MEMBER WAS DELETED
UCS2H11		0210	+ 0000	A	00000000	F4C3 2 2	ICG019UN
							NC. MODULES 008
							NO. ALIAS 008
							NC. ADDED 004
							NO. DELETED 002
							NC. CHANGED 002

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.IO523

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IGF0010E							THIS MEMBER WAS DELETED
IGE0110E							THIS MEMBER WAS DELETED
IGGIF001		01E0	+ 00E0			03011124	03010445
IGG0203x		0400	+ 0000			03013135	03010561
							NC. MODULES 045
							NO. ALIAS 014
							NC. ADDED 000
							NO. DELETED 002
							NC. CHANGED 002

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.IO526

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IGG054		00D0	+ 0008		00050100	00050308	
IGG019GC		06F0	+ 0008		09013032	09010390	
IGG019GD		0828	+ 0008		07013032	07010390	
IGG019GN		0E58	+ 0038		08010981	08010235	
IGG019GC		0F88	+ 0038		10010632	10010235	
IGG019GW		0D28	+ 0020		09010661	09011981	
IGG019GZ		0D18	+ 0020		09010661	09011980	
IGG019G0		0948	+ 0008		05010330	05011002	
IGG019G1		0958	+ 0010		06010330	06011002	
IGG019G2		0848	+ 0000		08011271	07010199	
IGG019G3		0958	+ 0000		10011271	09010199	
IGG019G4		0B40	+ 0000		06010330	06010199	
IGG019G5		0BA0	+ 0008		07010331	07011146	
IGG019G6		0CD8	+ 0000		09011272	08010199	
IGG019G7		0EC8	+ 0000		10011272	09010235	
IGG019G8		04E8	+ 0000		08011272	07010190	
IGG019G9		05C8	+ 0038		07010632	07010190	
IGG019HB		0EC8	+ 0010		11011272	10011235	
IGG019HC		0330	+ 0000		05011310	04010198	
IGG019HH		0158	+ 0000		05011752	04010198	
IGG019HN		0F50	+ 0028		04011277	03010195	
IGG019H3		0808	+ 0000		03010082	03010197	
IGG019H7		0578	+ 0000		03010084	03010197	
IGG019IM		08C8	+ 0008		04012079	03010197	
IGG019IN		0E58	+ 0038		03010632	03011416	
IGG019IO		0E50	+ 0008		03011277	02010194	
IGG019IZ		1150	+ 0020		02010661	02011986	
IGG019I9		05E0	+ 0038		02010632	02010194	
IGG019JH		0EB8	+ 0008		02011278	01011725	
IGG019JV		0150	+ 0008		05013032	05010198	
IGG019JW		00F0	+ 0028		04013032	04010198	
IGG019J0		0690	+ 0000		07010786	07010198	
IGG019J3		07E0	+ 0000		07010786	07010196	
IGG019J6		04D8	+ 0008		06010786	06010196	
IGG019J7		0588	+ 0000		06010786	06010196	
IGG0192A		0400	+ 0000		08010661	08010265	
IGG0192C		0400	+ 0000		01010632	01011560	
IGG0192D		0400	+ 0000		08011280	07011372	
IGG0192E		0400	+ 0000		08011280	07011360	
IGG0192G		0400	+ 0000		06013371	06010810	
IGG0192H		0400	+ 0000		06012077	05011002	
IGG0192I		0400	+ 0000		05011759	04010265	
IGG0192J		0400	+ 0000		05012072	04011512	
IGG0192K		0400	+ 0000		04010763	04010266	
IGG0192L		0400	+ 0000		04012295	03010266	
IGG0192M		0400	+ 0000		02011284	01010266	
IGG0192N		0400	+ 0000		02011284	01010267	
IGG01920		0400	+ 0000		02012077	01010313	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.IO526

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGG0192P		0400	+ 0000		06011284	05012130	
IGG0192C		0400	+ 0000		03011284	02012130	
IGG0192W		0400	+ 0000		04011285	03010278	
IGG0192X		0400	+ 0000		04011285	03010279	
IGG0192Z		0400	+ 0000		03011288	02010279	
IGG01920		0400	+ 0000		06011288	05012130	
IGG01924		0400	+ 0000		02010761	02011512	
IGG0195U		0400	+ 0000		03011282	02010265	
IGG0202A		0400	+ 0000		05013374	05011985	
IGG0202E		0400	+ 0000		05011283	04011512	
IGG0202I		0400	+ 0000		07013374	07011360	
IGG0202J		0400	+ 0000		06011284	05011360	
IGG0202K		0400	+ 0000		06011284	05011360	
IGG0202L		0400	+ 0000		10011284	09011360	
IGG0202M		0400	+ 0000		08011284	07011360	
IGG0202N		0400	+ 0000		01011960	00011360	
IGG02028		0400	+ 0000		02010690	02011363	
IGG02029		0400	+ 0000		01013441	01011983	
IGG032I1		0400	+ 0000		07030333	07032240	
IGG032I2		0400	+ 0000		06032942	05030266	
IGG032I3		0400	+ 0000		05030755	05030266	
IGG032I4		0400	+ 0000		05031285	04030267	
IGG032I5		0400	+ 0000		05031285	04030267	
IGG032I6		0400	+ 0000		06033492	05031147	
IGG032I7		0400	+ 0000		07031311	06031364	
IGG032I8		0400	+ 0000		04030755	04030266	

NO. MODULES	135
NO. ALIAS	000
NO. ADDED	000
NO. DELETED	000
NO. CHANGED	074



COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LD547

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LINKLIB

MODULE NAME	N F W	MCD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
-------------	-------	----------	---------------	-------	---------	---------	-----------------

IEWLDIOC		1428	+ 0028		00010928	00011351	
IEWLCLIE		0E40	+ 0008		00010533	00011363	
IEWLDREI		1180	+ 0048		00010925	00011363	

NO. MODULES	005
NO. ALIAS	001
NO. ADDED	000
NO. DELETED	000
NO. CHANGED	003

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
-------------	-------	----------	---------------	-------	---------	---------	-----------------

GC		9278	+ 0000	A	C9C5 1 7	C8D4 1 2	
HMASMF	*	BF98				00000000	
IEBDGCUP		0388	+ 0000		C9C5 2 4	00000000	
IEPDGMSG		0FA0	+ 0000		00000000	C9C5 2 5	
IEPISC		0510	+ 0000		C9C5 2 9	00000000	
IEPISF		0790	+ 0000		00000000	C9C5 2 9	
IEEDFIN1		0268	+ 0000		C9C5 5 4	00000000	
IEEDFIN2		0608	+ 0000		00000000	C9C5 5 4	
IEEDFIN8		0360	+ 0000		C9C5 5 4	00000000	
IEEDFIN9		0268	+ 0000		00000000	C9C5 5 4	
IEESD563		0688	+ 0000		C9C5 5 2	00000000	
IEESD564		06E0	+ 0000		00000000	C9C5 5 2	
IEESD578		0508	+ 0000		C9C5 5 2	00000000	
IEESD579		0608	+ 0000		00000000	C9C5 5 2	
IEESD590		12A8	+ 0000		C9C5 5 2	00000000	
IEESD591		0290	+ 0000		00000000	C9C5 5 2	
IEEVPRES		11A8	+ 0000		C9C5 5 5	00000000	
IEEVRC		09B0	+ 0000		00000000	C9C5 5 5	
IEEZEXT		0268	+ 0000	A	C9C5 5 0	00000000	
IEE0503C		03E8	+ 0000		00000000	C9C5 5 5	
IEFCVCL2		1680	+ 0000	A	C9C5 6 3	00000000	
IEFCVCL3		1680	+ 0000	A	00000000	C9C5 6 4	
IEFDCWR		0960	+ 0000		C9C5 6 9	00000000	
IEFICR		0028	+ 0000	A	00000000	C9C5 6 9	
IEFCDELE		0280	+ 0000		C9C5 6 8	00000000	
IEFCINTZ		0058	+ 0000		00000000	C9C5 6 8	
IEFRCLN2		0070	+ 0000		C9C5 6 9	00000000	
IEFRSTRT		0008	+ 0000		00000000	C9C5 6 2	
IEFSD071		0F10	+ 0000	A	C9C5 6 2	00000000	
IEFSD078		02E0	+ 0000		00000000	C9C5 6 2	
IEFSD094		0F40	+ 0000		C9C5 6 2	00000000	
IEFSD105		00F0	+ 0000		00000000	C9C5 6 2	
IEFSD511		9278	+ 0000	A	C9C5 6 2	00000000	
IEFSD530		0E60	+ 0000		C9C5 6 2	00000000	
IEFSD531		11C0	+ 0000		00000000	C9C5 6 2	
IEFSD569		0FF8	+ 0000		C9C5 6 2	00000000	
IEFSD584		0028	+ 0000		00000000	C9C5 6 2	
IEFSMR		0008	+ 0000	A	00000000	C9C5 6 2	
IEFVGM13		0150	+ 0000		C9C5 6 5	00000000	
IEFVGM14		00C8	+ 0000		00000000	C9C5 6 5	
IEFVGM2		0148	+ 0000		C9C5 6 5	00000000	
IEFVGM3		01D8	+ 0000		00000000	C9C5 6 5	
IEFVGM70		0118	+ 0000		C9C5 6 5	00000000	
IEFVGM71		00F8	+ 0000		00000000	C9C5 6 5	
IEFVHAA		88E0	+ 0000	A	C9C5 6 5	00000000	
IEFVHE		88E0	+ 0000	A	00000000	C9C5 6 5	
IEFVH1		1420	+ 0000		C9C5 6 5	00000000	
IEFVINA		1950	+ 0000		00000000	C9C5 6 5	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LINKLIB

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LINKLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEFVRRCE		12F0	+ 0000	A	C9C5 6 5	00000000	
IEFVRR1		0850	+ 0000		00000000	C9C5 6 5	
IEFWA000		6448	+ 0000		00000000	C9C5 6 6	
IEFW42SL		9278	+ 0000	A	C9C5 6 7	00000000	
IEFXA		49E8	+ 0000	A	00000000	C9C5 6 7	
IEF36FK2		0660	+ 0000	A	C9C5 6 3	00000000	
IEF36WTC		0660	+ 0000		00000000	C9C5 6 5	
IEHDANAL		CFD8	+ 0020		C9C5 8 4	C9C5 8 4	
IEHDACU1		0478	+ 00E8		C9C5 8 4	00000000	
IEHDA5DR		0468	+ 00E8		00000000	C9C5 8 4	
IEHDASDS		0F28	- 01F0		C9C5 8 4	C9C5 8 4	
IEHDCELL		0828	+ 0000		C9C5 8 4	C9C5 8 4	
IEHDEJMP		2560	+ 0690		C9C5 8 4	C9C5 8 4	
IEHDGFLA		04B8	+ 00E0		C9C5 8 4	C9C5 8 4	
IEHDLABL		03D0	+ 0000		C9C5 8 4	C9C5 8 4	
IEHDM3GE		0EB8	+ 0180		C9C5 8 4	00000000	
IEHDPASG		0A20	+ 0098		00000000	C9C5 8 4	
IEHDFRNT		0290	+ 0000		C9C5 8 4	C9C5 8 4	
IEHDRCVR		0850	+ 0018		C9C5 8 4	C9C5 8 4	
IEHDERST		0FF8	+ 0048		C9C5 8 4	C9C5 8 4	
IEHDS CAN		0AE8	+ 05D0		C9C5 8 4	C9C5 8 4	
IEHDVOC		0E10	+ 0060		C9C5 8 9	C9C5 8 9	
IEHINIT1		11C0	+ 0000		C9C5 8 9	00000000	
IEHICU1F		1518	+ 0000		00000000	C9C5 8 3	
IEHMOVES		0E90	+ 0000		C9C5 8 4	00000000	
IEHMOVES		0C70	+ 0000	A	00000000	C9C5 8 4	
IEHMOVESM		0A28	+ 0000		C9C5 8 4	00000000	
IEHMOVESN		0898	+ 0000		00000000	C9C5 8 4	
IEHMOVESU		07A8	+ 0000		C9C5 8 4	00000000	
IEHMOVETG		01C0	+ 0000		00000000	C9C5 8 4	
IEHMOVETJ		0E70	+ 0000		C9C5 8 4	00000000	
IEHMOVETK		0E98	+ 0000		00000000	C9C5 8 4	
IEHSCAN		06F8	+ 0000		C9C5 4 1	00000000	
IEUASF		01E8	+ 0000		00000000	C9C5 4 5	
IEUF3		3ED8	+ 0000		C9C5 4 6	00000000	
IEUF3F		2478	+ 0000		00000000	C9C5 4 6	
IEWL		3F10	+ 01E0	A	C9C5 6 3	C9C5 6 3	
IEWLF440		3F10	+ 01E0		C9C5 6 2	00000000	
IEWSZCVR		01A0	+ 0000		00000000	C9C5 9 4	
IFCEMFR0		02E8	+ 0000		C9C6 3 5	00000000	
IFCEMER1		05F0	+ 0000		00000000	C9C6 3 5	
IFCEP007		0E30	+ 0000		C9C6 3 5	00000000	
IFCEF008		0640	+ 0000		00000000	C9C6 3 5	
IFCET004		05B8	+ 0000		C9C6 3 5	00000000	
IFCET012		0A88	+ 0000	A	00000000	C9C6 3 5	
IFCEVCL0		0310	+ 0000		C9C6 3 5	00000000	
IFCE0050		1E20	+ 0000		00000000	C9C6 3 5	
IFCE1287		0E70	+ 0000		C9C6 3 5	00000000	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFCE1288		0D70	+ 0000	A	00000000	C9C6 3 5	
IFCE2150		0EA0	+ 0000	A	C9C6 3 5	00000000	
IFCE2245		0D60	+ 0000	A	00000000	C9C6 3 5	
IFCE2302		0DE8	+ 0000	A	C9C6 3 5	00000000	
IFCE2303		0DE8	+ 0000	A	00000000	C9C6 3 5	
IFCE2495		0A90	+ 0000	A	C9C6 3 5	00000000	
IFCE2501		0A90	+ 0000	A	00000000	C9C6 3 5	
IFCE2703		0BE8	+ 0000	A	C9C6 3 5	00000000	
IFCE2955		0EE8	+ 0000	A	00000000	C9C6 3 5	
IFCE3284		0D60	+ 0000	A	C9C6 3 5	00000000	
IFCE3286		0D60	+ 0000	A	00000000	C9C6 3 5	
IFCMS000		0A28	+ 0000		C9C6 3 4	00000000	
IFCMSG00		03A8	+ 0000		00000000	C9C6 3 9	
IFCSI050		06F0	+ 0000		C9C6 3 2	00000000	
IFCST001		1030	+ 0000	A	00000000	C9C6 3 2	
IFCSUKNC		03D8	+ 0000		C9C6 3 2	00000000	
IFCSUCBR		03D8	+ 0000	A	00000000	C9C6 3 2	
IFCS1053		0A68	+ 0000	A	C9C6 3 2	00000000	
IFCS1275		0D00	+ 0000	A	00000000	C9C6 3 2	
IFCS1442		0988	+ 0000	A	C9C6 3 2	00000000	
IFCS1443		0D00	+ 0000		00000000	C9C6 3 2	
IFCS2280		1358	+ 0000	A	C9C6 3 2	00000000	
IFCS2282		1358	+ 0000	A	00000000	C9C6 3 2	
IFCS2314		0CC8	+ 0000		C9C6 3 2	00000000	
IFCS2321		11D8	+ 0000	A	00000000	C9C6 3 2	
IFCS2671		0D00	+ 0000	A	C9C6 3 2	00000000	
IFCS2701		0910	+ 0000		00000000	C9C6 3 2	
IFCS3211		1170	+ 0000	A	C9C6 3 2	00000000	
IFCS3215		0A68	+ 0000	A	00000000	C9C6 3 2	
IFCS3505		1358	+ 0000	A	C9C6 3 2	00000000	
IFCS3525		1358	+ 0000	A	00000000	C9C6 3 2	
IHLGTFL		07E8	+ 0000		C9C8 3 9	00000000	
IHLINT2		0F08	+ 0000		00000000	C9C8 3 9	
IHLTAIR		0320	+ 0000		C9C8 3 3	00000000	
IHLTCTL		0FE0	+ 0000		C9C8 3 3	00000000	
IMASPZAF		28F0	+ 0240		01013020	01011077	
IMPRLXEL		37B8	+ 0000		00000000	C9D4 4 2	
LINKELIT		3F10	+ 01E0	A	E2D4 1 3	E2D4 1 3	

NO. MODULES 361  
 NO. ALIAS 132  
 NO. ADDED 001  
 NO. DELETED 000  
 NO. CHANGED 133

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LM501

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
ADCON#		11B8	+ 0018	A	06010932	01011301	
ERRMON		05E0	+ 0008	A	01013261	01011015	
IHCADJST		04D8	- 0010		04010992	01011301	
IHCECCME		15C8	+ 0000		01011515	01011015	
IHCEFIOS		1458	+ 0000		01010793	01011015	
IHCERRE		05E0	+ 0008	A	01013261	01011015	
IHCERRM		05E0	+ 0008		01013261	01011015	
IHCFCCME		1138	+ 0000		01011515	01011980	
IHCFCVTH		11B8	+ 0018		06010932	01011301	
IHCFICSE		10E0	+ 0000		01010792	01011981	

NO. MODULES 078  
 NO. ALIAS 094  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 010

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LM532

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
-----							
		NC. MODULES				036	
		NO. ALIAS				037	
		NO. ADDED				000	
		NO. DELETED				000	
		NO. CHANGED				000	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LM512

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
-----							

NO. MODULES 093  
 NO. ALIAS 029  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.LM537

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A I S	OLD SSI	NEW SSI	ALIAS TRUE NAME
-----							
IFFAGA07		0A80	+ 0000		03010305	03011753	
IFFAHA04		05F8	+ 0010		02013278	02011753	

NO. MODULES 070  
 NO. ALIAS 011  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 002

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.LM542

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES			013				
NC. ALIAS			011				
NC. ADDED			000				
NC. DELETED			000				
NC. CHANGED			000				

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.LM546

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES			044				
NC. ALIAS			029				
NC. ADDED			000				
NC. DELETED			000				
NC. CHANGED			000				

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.MACLIB

MODULE NAME	N E W	MOD SIZE	MCD SIZE	A L	OLD SSI	NEW SSI	ALIAS TRUE NAME
-------------	-------	----------	----------	-----	---------	---------	-----------------

BLDL		0000	+ 0000		02010060	41301152	
CCNFGR		0000	+ 0000		02011472	33180761	
DCB		0000	+ 0000		23430986	41370036	
DCBD		0000	+ 0000		30271258	41370994	
DEFAREA		0000	+ 0000		01051441	40850419	
DEFCCV		0000	+ 0000		01051441	40920464	
DFIRMLST		0000	+ 0000		30030017	41410216	
DSPLY		0000	+ 0000		00053170	40850422	
FDCTRL		0000	+ 0000		22040077	41700026	
FDDSPY		0000	+ 0000		22040078	41210133	
FDEND		0000	+ 0000		22040079	41210136	
FDFIELD		0000	+ 0000		22040080	41210138	
FDFORM		0000	+ 0000		22040081	41700027	
FDLINE		0000	+ 0000		22040082	41210143	
FDLOAD		0000	+ 0000		30130021	41700028	
FDFAGE		0000	+ 0000		22040084	41210148	
FDSYNTAX		0000	+ 0000		22040085	41210150	
FDTRACE		0000	+ 0000		22040086	41210152	
IDFASM		0000	+ 0000		22040087	41210153	
IDFDSF		0000	+ 0000		22040089	41700029	
IDFGEL		0000	+ 0000		22040090	41210159	
IDFIN01		0000	+ 0000		22040091	41700030	
IDFIN02		0000	+ 0000		22040092	41210162	
IDFIN03		0000	+ 0000		30040074	41210164	
IDFIN04		0000	+ 0000		22040094	41210166	
IDFIN05		0000	+ 0000		22040095	41210167	
IDFIN06		0000	+ 0000		22040096	41210169	
IDFIN07		0000	+ 0000		22040097	41210171	
IDFIN08		0000	+ 0000		30040075	41700031	
IDFIN09		0000	+ 0000		30040076	41210174	
IDFIN10		0000	+ 0000		22040100	41210176	
IDFIN11		0000	+ 0000		22040101	41210178	
IDFMSG		0000	+ 0000		22040102	41210180	
IDFMSG1		0000	+ 0000		22040103	41210182	
IDFMSG2		0000	+ 0000		22040104	41210183	
IDFMSG3		0000	+ 0000		22040105	41210184	
IDFTR		0000	+ 0000		22040108	41210187	
IDFTRK		0000	+ 0000		22040109	41700032	
IHERMAC		0000	+ 0000		22781698	40940149	
IHERDWR		0000	+ 0000		30030047	33181062	
IMDSADMP		0000	+ 0000		30610077	41020265	
MSGTYPE					THIS MEMBER WAS DELETED		
RDLNE		0000	+ 0000		00052461	40850427	
RESCN		0000	+ 0000		01051033	40860053	
RESETPL		0000	+ 0000		30800921	41480630	
RJELINE		0000	+ 0000		02011173	40710091	
RJETERM		0000	+ 0000		02012961	40710092	
SETPRT		0000	+ 0000		03011312	40200079	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.MACLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	CLD SSI	NEW SSI	ALIAS TRUE NAME
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STATUS		0000	+ 0000		01030385	41160148	
WTO		0000	+ 0000		30880102	41200044	
XLATF		0000	+ 0000		02011283	41980039	

NO. MODULES	330
NO. ALIAS	000
NO. ADDED	000
NO. DELETED	001
NO. CHANGED	050

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.MODGEN

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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CVT		0000	+ 0000		01031119	40851565	
IEAAIH		0000	+ 0000		02051540	41000001	
IEAAMS		0000	+ 0000		30661728	41850017	
IEAAPS		0000	+ 0000		30750963	41430065	
IEAAPT		0000	+ 0000		05051890	41000004	
IEAATA		0000	+ 0000		30171090	41000005	
IEAATC		0000	+ 0000		30590429	41780002	
IEAAWT		0000	+ 0000		05053510	40940130	
IEAQBK		0000	+ 0000		30170782	41000009	
IEAQET		0000	+ 0000		30950330	40940132	
IEAQGM		0000	+ 0000		30180981	41370008	
IEAONU		0000	+ 0000		30920245	41970129	
IEAQPR		0000	+ 0000		30801016	41070019	
IEAQTR		0000	+ 0000		03010150	40940133	
IEATCB		0000	+ 0000		30171271	41000015	
IEATRC		0000	+ 0000		07051685	40940135	
IECDSECT		0000	+ 0000		30090994	41360080	
IECICS		0000	+ 0000		30870109	41201035	
IECINI		0000	+ 0000		31000822	41781325	
IECICQE		0000	+ 0000		23430987	41191182	
IECIOS		0000	+ 0000		31000823	41920804	
IECIOSB		0000	+ 0000		31000824	41970079	
IECIUCB		0000	+ 0000		30780891	41930074	
IECSSLA		0000	+ 0000		23430997	41030034	
IECTBL		0000	+ 0000		30870110	41201036	
IECULK1		0000	+ 0000		04053548	41030035	
IECXCP		0000	+ 0000		31000825	41781329	
IEXTCH		0000	+ 0000		30930034	41291142	
IEC23XXF		0000	+ 0000		30940029	41791121	
IEECEJH		0000	+ 0000		23481451	41010068	
IEECEJM		0000	+ 0000		23481452	41010072	
IEECGCB		0000	+ 0000		23481453	41010028	
IEECHCB		0000	+ 0000		23481455	41010029	
IEFCR1CM		0000	+ 0000		01012819	41010030	
IEECRJK		0000	+ 0000		23481457	41010073	
IEECSUB		0000	+ 0000		30600376	41010032	
IEECUCM		0000	+ 0000		02030073	41000025	
IEFJFCBN		0000	+ 0000		30730080	40851566	
IEFUCBOB		0000	+ 0000		23462246	40851567	
IGFCATAF		0000	+ 0000		30800919	40940141	
IHBABCTL		0000	+ 0000		02010054	40940147	
IHBREINC		0000	+ 0000		06002314	41130002	
IKJTJB		0000	+ 0000		02053365	41010033	
IORMSCM		0000	+ 0000		02013512	41080111	
SGIEC0DI		0000	+ 0000		09051270	41970081	
SGIEE0VV		0000	+ 0000		23080120	42200852	
SGIEE00V		0000	+ 0000		02011311	41270473	
SGIEK001		0000	+ 0000		30040269	40870013	

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.MODGEN

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
SGIEWC01		0000	+ 0000		00053264	41151037	
SGIHB000		0000	+ 0000		30670455	41410204	

NO. MODULES 138  
NO. ALIAS 000  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 050

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.MODGEN2

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IEAANIP		0000	+ 0000		30990802	42110012	

NO. MODULES 001  
NO. ALIAS 000  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 001

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.NL511

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEMAA		17B8	- 0030		03013191	04010241	
IEMAAA		17B8	- 0030	A	03013191	04010241	
IEMAB		4980	- 0078		21013139	22010241	
IEMAL		1F18	- 0050		21013131	22010241	
IEMAN		1B58	+ 0000		03013131	04010242	
IEMBJ		0678	- 0010		17011923	02010242	
IEMCP		0A20	+ 0000		02013135	03010242	
IEMCS		0A88	+ 0038		02012231	02010243	
IEMCV		0FF0	- 0008		21011453	21010243	
IEMEI		1000	+ 0000		10013425	20010243	
IEMEV		0770	+ 0008		20011450	20010243	
IEMFE		0FE0	+ 0000		20012471	20010243	
IEMFQ		11F8	+ 0000		20011401	20010243	
IEMFT		1000	+ 0000		21013193	22010243	
IEMFW		1000	+ 0000		21011401	21010244	
IEMGA		0F98	+ 0038		03011401	03010244	
IEMGQ		1000	+ 0000		21013230	22010249	
IEMHG		1000	+ 0000		03013447	03010249	
IEMIL		1000	+ 0000		02011409	02010249	
IEMIM		1000	+ 0000		20011400	20010249	
IEMIN		1000	+ 0000		21011400	21010240	
IEMIQ		1000	+ 0000		03011400	03010242	
IEMIT		0958	+ 0008		18011850	02010256	
IEMJK		1000	+ 0000		03011400	03010242	
IEMJP		1000	+ 0000		03011408	03010242	
IEMKE		0F60	+ 0080		02013200	03010242	
IEMKU		0F98	+ 0008		02012180	02010250	
IEMKV		0980	+ 0000		02012845	02010250	
IEMLB		0F08	+ 0000		02011450	02010250	
IEMLC		0F20	+ 0000		02012733	02010250	
IEMLD		0F60	- 0090		02013144	03010250	
IEMMA		1500	- 0030		21013144	22010250	
IEMMF		1000	+ 0000		04011151	02010250	
IEMMK		0EF8	+ 0010		02012964	03010250	
IEMOG		1000	+ 0060		02011407	02010250	
IEMOX		13D8	+ 0000		03011451	03010251	
IEMRF		2000	+ 0000		21013192	22010255	
IEMJA		1000	+ 0008		20010925	20010256	
IEMUB		0F88	+ 0000		20013193	21010256	
IEMUE		0F78	+ 0008		20013194	21010256	
IEMYQ		0B70	+ 0010		20012953	20010256	

NO. MODULES 254  
NO. ALIAS 001  
NO. ADDED 000  
NO. DELETED 000  
NO. CHANGED 041

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.NUCLFUS

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 001  
 NO. ALIAS 000  
 NC. ADDED 000  
 NO. DELETED 000  
 NC. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.PL1LIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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IHEDCI		0258	+ 0038	A	02010191	20010251	IHEFCNA
IHEDCNA		0258	+ 0038	A	02010191	20010251	
IHEDCNB		0258	+ 0038	A	02010191	20010251	IHEFCNA
IHEICCA		0130	+ 0000		02013151	03010251	
IHEIOCB		0130	+ 0000	A	02013151	03010251	IHEIOCA
IHEIOCC		0130	+ 0000	A	02013151	03010251	IHEICCA
IHEKCD		0110	+ 0010	A	04012110	15010252	IHEKCLA
IHEKCLA		0110	+ 0010		04012110	15010252	
IHEKCLB		0110	+ 0010	A	04012110	15010252	IHEKCLA
IHELLIA		0878	+ 0010		02013152	03010252	
IHELLIB		0878	+ 0010	A	02013152	03010252	IHELLIA
IHELLIC		0878	+ 0010	A	02013152	03010252	IHELLIA
IHELLID		0878	+ 0010	A	02013152	03010252	IHELLIA
IHESRIA		0590	+ 0000		20012967	21010252	
IHESRIB		0590	+ 0000	A	20012967	21010252	IHESRTA
IHESRIC		0590	+ 0000	A	20012967	21010252	IHESRTA
IHESRID		0590	+ 0000	A	20012967	21010252	IHESRTA

NC. MODULES 178  
 NO. ALIAS 187  
 NC. ADDED 000  
 NO. DELETED 000  
 NC. CHANGED 017

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.PARMLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 007  
 NO. ALIAS 000  
 NC. ADDED 000  
 NO. DELETED 000  
 NC. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.PL552

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
NO. MODULES				016			
NO. ALIAS				000			
NO. ADDED				000			
NO. DELETED				000			
NO. CHANGED				000			

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.RC536

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IHKABLWR		0F38	+ 0008		02013556	03010889	
IHKCHIWR		0F00	+ 0000		01013563	02010888	
IHKCHPCK	*	0340		A		01010888	IHKCHPUP
IHKCHFUP		0340	+ 0000		01010270	01010888	
IHKCHUPK	*	0340		A		01010888	IHKCHPUP
NO. MODULES				094			
NO. ALIAS				008			
NO. ADDED				002			
NO. DELETED				000			
NO. CHANGED				003			

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.PROCLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	CLD SSI	NEW SSI	ALIAS TRUE NAME
LKEDG		0000	+ 0000		23440427	40300035	
SMPIO	*	0000				41500102	
SMPICD	*	0000				41500103	
SMPNUC	*	0000				41500104	
SMPNUCD	*	0000				41500105	
NO. MODULES				061			
NO. ALIAS				000			
NO. ADDED				004			
NO. DELETED				000			
NO. CHANGED				001			

COMPARE LEVEL 21.7 VS 21.8  
DSNAME=SYS1.RC541

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	CLD SSI	NEW SSI	ALIAS TRUE NAME
NO. MODULES				067			
NO. ALIAS				000			
NO. ADDED				000			
NO. DELETED				000			
NO. CHANGED				000			



COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.RC543

MODULE NAME	N	MOD	MCD	A	OLD SSI	NEW SSI	ALIAS TRUE NAME
	E	SIZE	SIZE	L			
	W		CHG.	S			

NO. MODULES 008  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.RG038

MODULE NAME	N	MOD	MCD	A	OLD SSI	NEW SSI	ALIAS TRUE NAME
	E	SIZE	SIZE	L			
	W		CHG.	S			

NO. MODULES 056  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.RC551

MODULE NAME	N	MOD	MCD	A	OLD SSI	NEW SSI	ALIAS TRUE NAME
	E	SIZE	SIZE	L			
	W		CHG.	S			

IHKALC		0400	+ 00E8		01031660	01031561	
IHKBFM		0758	+ 0010		01031440	01030303	
IHKCC2		0668	- 0008		01031446	01030424	
IHKCC5		0800	+ 0008		01030240	01030305	
IHKLES		07E0	+ 0018		01031053	01030305	
IHKLGN		0800	+ 0000		01031465	01030305	
IHKLSI		04D0	+ 0018		01031466	01030424	
IHKPUT		07E0	+ 0000		01030249	01030424	
IHKRER		07F8	- 0018		01030249	01030424	
IHKSAV		07A0	+ 0000		01031466	01030424	

NO. MODULES 077  
 NC. ALIAS 000  
 NO. ADDED 000  
 NC. DELETED 000  
 NO. CHANGED 010

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.SAMPLIB

MODULE NAME	N	MOD	MCD	A	OLD SSI	NEW SSI	ALIAS TRUE NAME
	E	SIZE	SIZE	L			
	W		CHG.	S			

CTLG2314		0000	+ 0000		02031284	C3E3 3 7	
DUMPREST		0000	+ 0000	A	19010513	19012241	
IECDMPRS		0000	+ 0000		19010513	19012241	
IEAIP100		0000	+ 0000		02011058	02011780	
UNCT2314		0000	+ 0000		02031280	E4E5 3 3	

NO. MODULES 038  
 NO. ALIAS 002  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 005

COMPARE LEVEL 21.7 VS 21.8  
 DSNAMF=SYS1.SM023

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A L	CLD SSI	NEW SSI	ALIAS TRUE NAME
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NO. MODULES 215  
 NO. ALIAS 001  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAMF=SYS1.SORTLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NO. MODULES 036  
 NO. ALIAS 000  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 000

COMPARE LEVEL 21.7 VS 21.8  
 DSNAMF=SYS1.SVCLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE	A L	CLD SSI	NEW SSI	ALIAS TRUE NAME
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IGC0004C	*	00A0				04050690	
IGC0007E		0128	+ 0000		C9C7 3 0	00000000	
IGC0009		0390	+ 0000		C9C7 3 0	00000000	
IGC0009A		0400	+ 0000		00000000	C9C7 3 0	
IGC0107E		03C0	+ 0000		C5D4 6 4	C9C7 3 0	
IGC0109		03C0	+ 0000		C9C7 3 0	00000000	
IGC0203E		0238	+ 0000		C9C7 3 0	00000000	
IGC0209		0240	+ 0000		00000000	C9C7 3 0	
IGC0309		0378	+ 0000		C9C7 3 0	00000000	
IGC0603E		0290	+ 0000		C9C7 3 0	00000000	
IGC0703E		03F8	+ 0000		C9C7 3 0	C5D4 6 4	
IGC0903E		01C8	+ 0000		C9C7 3 0	C5D4 6 4	
IGC11110		0330	+ 0000		C9C7 3 1	00000000	
IGC1203E		0378	+ 0000		00000000	C9C7 3 1	
IGC1803E		0240	+ 0000		C9C7 3 1	00000000	
IGC1903E		0250	+ 0000		00000000	C9C7 3 2	
IGC2303E		03F8	+ 0000		C9C7 3 2	00000000	
IGC23110		03B8	+ 0000		00000000	C9C7 3 2	
IGC3203E		0148	+ 0000		C9C7 3 3	00000000	
IGC3503E		02F8	+ 0000		00000000	C9C7 3 3	
IGC5603E		0400	+ 0000		C9C7 3 5	00000000	
IGC5803E		0058	+ 0000		00000000	C9C7 3 5	
IGC6603E		03A8	+ 0000		C9C7 3 6	00000000	
IGC6703E		03E0	+ 0000		00000000	C9C7 3 6	
IGC7703E		03A8	+ 0000		C9C7 3 7	00000000	
IGC7803E		0280	+ 0000		00000000	C9C7 3 7	
IGG019BC		0148	- 0020		02013441	01010277	
IGG01915		0400	+ 0000		05011838	05010264	

NO. MODULES 597  
 NO. ALIAS 043  
 NO. ADDED 001  
 NO. DELETED 000  
 NO. CHANGED 027

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.TCAMMAC

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	CLD SSI	NEW SSI	ALIAS TRUE NAME
CARRIAGE		0000	+ 0000		01012403	31290058	
CHECKPT		0000	+ 0000		01012996	32270091	
CUTOFF		0000	+ 0000		01012466	31290059	
FULLSCR	*	0000				42010054	
GRGUP	*	0000				30660026	
HOLD		0000	+ 0000		30040073	32270094	
IEDQCHI		0000	+ 0000		22390324	30660027	
IEDQGCH		0000	+ 0000		30040078	30770261	
IEDQTC		0000	+ 0000		22390328	41400212	
IEDQTT		0000	+ 0000		01010773	30770262	
INPRC		0000	+ 0000		30040081	42190270	
INVLIST		0000	+ 0000		22390334	31290113	
INVLIST1		0000	+ 0000		22390335	41970842	
LOGON		0000	+ 0000		30040086	41400216	
MHGET		0000	+ 0000		22390338	41400218	
MHPUT		0000	+ 0000		30040091	41400219	
MRCHECK	*	0000				32270100	
MSGEDIT		0000	+ 0000		01011362	41400222	
MSGFORM		0000	+ 0000		22390342	30660035	
MSGTYPE		0000	+ 0000		30040094	42190342	
SETEOM		0000	+ 0000		30040099	31290076	
STARTMR		0000	+ 0000		30040103	32070163	
TERMINAL		0000	+ 0000		30040109	41800283	
TLIST		0000	+ 0000		30340130	31290080	
TPDATE		0000	+ 0000		30040113	31290085	
TPROCESS		0000	+ 0000		22400003	31290115	
TRANLIST		0000	+ 0000		01012871	41800284	

NO. MODULES 097  
 NO. ALIAS 000  
 NO. ADDED 003  
 NO. DELETED 000  
 NO. CHANGED 024

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.TSOGEN

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
NO. MODULES						004	
NO. ALIAS						000	
NO. ADDED						000	
NO. DELETED						000	
NO. CHANGED						000	

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.TSOMAC

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
GTSIZE		0000	+ 0000		01011634	41580045	
LINEGRP		0000	+ 0000		30450249	40200078	
TSOMCP		0000	+ 0000		30450250	40200081	

NO. MODULES 085  
 NO. ALIAS 000  
 NO. ADDED 000  
 NO. DELETED 000  
 NO. CHANGED 003

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.UT506

COMPARE LEVEL 21.7 VS 21.8  
 DSNAME=SYS1.UT506

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	CLD SSI	NEW SSI	ALIAS TRUE NAME
IEPASCAN		0F20	+ 0070		02010430	00011640	
IEBSCAN		0500	+ 0030		03051087	00011583	
IEPCCS02		0BF0	+ 0018		01013349	00011553	
IEBCMAIN		1FF0	+ 0010		02013492	00011552	
IEBCREAI		0CD8	+ 0088		02013335	00011515	
IEBDG		0FD8	+ 0000		01011084	00011515	
IEEDRE		04D8	+ 0020		02013492	00011553	
IEBDSCPY		1BA8	+ 0008		01011083	00011553	
IEEDV1		1008	+ 0038		02013492	00011982	
IEBEDIT		1EB8	+ 0020		03032841	00011709	
IEPDTBL		0A80	- 0028		02011287	00011516	
IEBGSCAN		0F78	+ 0008		01011086	00011553	
IEBPPCH1		2008	+ 0010		02013349	00011513	
IEBUPDTE		0308	+ 0000		01013101	00011640	
IEUPET2		18C8	+ 00E0		02010430	00011723	
IEBUPLOG		0FC0	+ 0008		06050273	00011850	
IEUFNIT		0608	+ 0000		02051407	00011850	
IEBUPXIT		0928	+ 0000		02010430	00011850	
IEVMS		10A0	+ 0010		01011084	00011553	
IEBVTI		0398	+ 0000		01011084	00011626	
IEWSU		0E28	+ 0018		01011084	00011553	
IEHATLAS		0E98	+ 0000		02013644	02011368	
IEHDANAL		0FD8	+ 0000		02010391	02011382	
IEHDAOUT		0478	+ 00D8		05011585	04011382	
IEHDASLR		0468	+ 00E8		03010786	03011382	
IEHDASDS		0D50	+ 0128		04010072	04011367	
IEHDCCELL		0828	+ 0000		03011607	02011896	
IEHDDATE		0100	+ 0000		03011587	02011383	
IEHDDCIC		0EE8	+ 0010		00010589	00011383	
IEHDDUMP		0CF8	- 01E0		03010142	03012139	
IEHDEXCP		0980	+ 0180		04010580	04011367	
IEHDGETA		04B8	+ 00C8		04011587	03011383	
IEHDLAEL		03D0	+ 0000		03011607	02011383	
IEHDMESB		0068	+ 0000		03011587	02012139	
IEHDMESG		0E50	- 0018		03010142	03011383	
IEHDPASS		0A20	+ 0098		05011607	04011370	
IEHDFRN1		0190	+ 0000		06011587	05011383	
IEHRCVVR		0850	+ 0010		01010391	01011370	
IEHCRST		0FF8	- 0030		04010931	04011370	
IEHSCAN		0AE8	- 0008		04010580	04011371	
IEHDVTC		0F10	+ 00E0		04013442	04011405	
IEHINIT		0EC0	- 0300		06051474	00011937	
IEHMVESA		0400	+ 0020		06051085	00011550	
IEHMVESC		0EA0	+ 0010		01013095	00011607	
IEHMVESI		0D48	+ 0028	A	02010101	00011700	IEHMVXSE
IEHMVESI		05A0	+ 0000		08050726	00011550	
IEHMVSL		0898	+ 0048		01013096	00012130	
IEHMVESN		0758	+ 0008		01013095	00011551	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A I S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEHMVESQ		05E8	+ 0000		01011262	00011558	
IEHMOVSR		02E8	+ 0000		01010953	00011551	
IEHMOVETG		0F28	- 0010		02010954	00011551	
IEHMOVETJ		0DE0	+ 0010		03010023	00011551	
IEHMOVMRV		0500	+ 0020		01010307	00011551	
IEHMOVSR		0888	+ 0000		03010023	00011552	
IEHMOVSRD		0808	+ 0008		02011600	00011552	
IEHMOVSRV		0A28	+ 0020		02013571	00011626	
IEHMOVSRX		0940	+ 0000		02013625	00011627	
IEHMOVSSX		0E40	+ 00E0		02010024	00011577	
IEHMOVSSY		06E8	+ 0028		01013571	00011558	
IEHMOVSSZ		0720	+ 0008		02010431	00011558	
IEHMVSTA		07F8	+ 0028		02010101	00011558	
IEHMVSTC		06C8	- 0010		02010431	00011609	
IEHMVSTL		0AE8	- 0018		01011086	00011700	
IEHMVXSE		0D48	+ 0028		02010101	00011700	
IEHPRINT		3CA0	+ 0010		09050836	08052130	
IEHPRNT		0130	- 0028		02053442	00011792	
IEHPRG1		1648	+ 0020		09052983	00011700	
IEHPRG2		0E40	+ 0000		07052983	00011700	
IEHPRG3		0D50	- 0010		04052983	00011701	
IEHPRG4		03A8	+ 0000		04052043	00011701	
IEHSCAN		04F0	- 0208		04053442	00011792	
IFHSTATR		0700	+ 0000		01051472	00011711	
IGC0003I		0400	+ 0000		01011475	00011938	
IGG019P7	*	0048				00011406	
IGG019P8		0168	+ 0058		04011275	03011371	
IGG019P9		00D0	+ 0008		03010395	03011372	
IGG0860B		0400	+ 0000		02010774	02010315	

NO. MODULES 170  
 NO. ALIAS 001  
 NO. ADDED 001  
 NO. DELETED 000  
 NO. CHANGED 076

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# PART 4: ORDERING AND DISTRIBUTION

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Part 4 contains information about:

1. Ordering Procedures
2. Distribution Procedures
3. Hardware Engineering Change Levels
4. Documentation



# SECTION 1: ORDERING PROCEDURES

This section describes how to order this release  
and its applicable optional programming material.





# PROGRAM ORDER FORM

The announcement package contains a program order form for IBM System/360 Operating System. This form should be used to order this release from the Program Information Department (PID) after IBM Branch Office approval has been obtained. It is not necessary to reorder to continue receiving OS/360 announcement material.

To complete the order form, refer to the sample order form and perform the steps described in the following paragraphs. Please forward volumes with your order form.



## Program Order

You must complete this section.

Column 14:      R Reorder total replacement.  
                   D Delete the entire OS system from my profile.

<u>Columns</u> <u>15-20</u>	<u>21-22</u> <u>Distribution</u> <u>Media Code</u>	<u>Type</u>	<u>23-24</u> <u>Volumes</u> <u>Required</u>
<u>Device</u>			
2311	26	For MT 7DC/800	03
	28	For MT 9/800	03
	29	For MT 9/1600	02
	52	For 1316	06
2314 <sup>①</sup> or	26	For MT 7DC/800	03
3330 <sup>①</sup>	28	For MT 9/800	02
	29	For MT 9/1600	02 <sup>②</sup>

For an explanation of the magnetic tape (MT) codes see the back of the order form.

<sup>①</sup> The 2314 and 3330 resident systems are not distributed on disk.

<sup>②</sup> 3330 users need send only one magnetic tape.



## Identification

Preprinted.



## User Volume Information

Indicate as required.



## User Registration

To register a new user or to modify a previous user registration, use one of the following codes:

M    Modify registration.

D    Delete the entire registration from the PID files.

S    Change "Ship to:" for this order only.



## For IBM Use

Must be completed by the IBM Branch Office.

## PROGRAM COMPONENTS

After ordering this release you will receive the following components:

### Program Number Program Component Name

360S-AL-531 ALGOL  
 360S-AS-037 \* Assembler F  
 360S-CB-545 ANS COBOL  
 360S-CI-505 \* MFT Control Program  
 360S-CI-514 \* Starter System (2311 SYSRES)  
 360S-CI-534 \* Starter System (2314 SYSRES)  
 360S-CI-535 \* MVT Control Program  
 360S-CI-555 \* Time Sharing Option (TSO)  
 360S-CI-560 \* Starter System (3330 SYSRES)  
 360S-CO-503 COBOL E  
 360S-CQ-513 \* Basic Telcom Access Method (BTAM)  
 360S-CQ-519 \* Queued Telcom Access Method (QTAM)  
 360S-CQ-548 \* TCAM  
 360S-CQ-563 \* 3735 Macro/Utility  
 360S-DM-508 \* Primary Data Management  
 360S-DM-509 \* Basic Direct Access Method (BDAM)  
 360S-DN-527 \* SER0, SER1, and EREP  
 360S-DN-533 \* Online Test Exec. Program (OLTEP)  
 360S-DN-539 \* Recovery Management Model 65  
 360S-DN-554 \* Service Aids  
 360S-DN-611 \* System Modification Program (SMP)  
 360S-DN-614 \* Power Warning Feature (PWF) Support  
 360S-ED-521 \* Linkage Editor F  
 360S-FO-500 \* FORTRAN H  
 360S-FO-520 FORTRAN G  
 360S-FO-550 FORTRAN Syntax Checker  
 360S-IO-523 \* Graphic Program Services  
 360S-IO-526 \* Index Seq. Access Method (ISAM)  
 360S-LD-547 \* Loader  
 360S-LM-501 \* FORTRAN Library  
 360S-LM-504 COBOL E Library  
 360S-LM-512 \* PL/I F Subroutine Library

### Program Number Program Component Name

360S-LM-532 ALGOL Library  
 360S-LM-537 Graphic Subroutine Program  
 360S-LM-542 1130/360 Data Transmission  
 360S-LM-546 ANS COBOL Library  
 360S-NL-511 \* PL/I F  
 360S-OS-579 3270 BTAM  
 360S-OS-586 TSO/DCB Parameters  
 360S-OS-587 Additional 3830 Two Channel Switch Capability  
 360S-OS-588 135 Additional Device Support  
 360S-OS-589 195 Additional Device Support  
 360S-OS-590 3410 Tape Unit Support  
 360S-OS-591 3505 Card Reader Support  
 360S-OS-592 3525 Card Punch Support  
 360S-OS-593 2596 Card Read Punch  
 360S-OS-594 3270 Display Unit (DIDOCs)  
 360S-OS-596 3735 FD Macros and Utility  
 360S-OS-602 2798 Guidance Display Unit  
 360S-PL-552 PL/I F Syntax Checker  
 360S-RC-536 \* Remote Job Entry (RJE)  
 360S-RC-541 Graphic Job Processor  
 360S-RC-543 Satellite Graphic Job Processor (SGJP)  
 360S-RC-551 \* CRJE  
 360S-RG-038 Report Program Generator  
 360S-SM-023 Sort/Merge  
 360S-UT-506 \* Utilities  
 360S-UT-507 \* Independent Utilities

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\* Changed with this release.

## OPTIONAL PROGRAM MATERIAL

The symbolic library is the optional program material. It is available from the Program Information Department (PID) on the following distribution media:

- 9-track magnetic tape (800 or 1600 bpi).
- 7-track magnetic tape (800 bpi) with the Data Conversion feature.

Assemblies done using OS/360 symbolics must have SYS1.MODGEN concatenated to SYS1.MACLIB and SYS1.PVTMACS. SYS1.MODGEN contains Stage II system generation macro instructions, some of which are called by other modules in the system. Whether or not you specify TSO in your system, you must concatenate SYS1.TSOMAC to SYS1.MACLIB, SYS1.MODGEN, and SYS1.PVTMACS. SYS1.TSOMAC contains some macro instructions needed to assemble OS/360 symbolics.

Assembling source code may cause object code that is not the same, byte for byte, as the object code in the distribution libraries. This is due to differences in macro expansions and does not affect the function of the modules.

Note: The sequence number of the desired file must be placed in the LABEL parameter.

The SYSUT2 data set must be a partitioned data set (PDS). The space allocated to the PDS must be calculated using the tables provided in the documentation that accompanies the symbolic libraries, with consideration for the desired blocking factor. When creating a 1316 PDS for many large files on one disk, use 3360 as the blocking factor.

<u>Distribution Volume Number</u>	<u>Program Number</u>	<u>Program Component Name</u>	<u>Distribution Volume Number</u>	<u>Program Number</u>	<u>Program Component Name</u>
1	360S-NL-511(1) *	PL/I F	10	360S-DM-508(1) *	Primary Data Management
	360S-NL-511(2) *	PL/I F		360S-DM-508(2) *	Primary Data Management
	360S-NL-511(3) *	PL/I F		360S-DM-508(3) *	Primary Data Management
2	360S-NL-511(4) *	PL/I F	11	360S-DM-508(4) *	Primary Data Management
	360S-NL-511(5) *	PL/I F		MACRO(1)	PVTMACS
	360S-NL-511(6) *	PL/I F		MACRO(2)	PVTMACS
3	360S-NL-511(7) *	PL/I F	12	360S-DN-527(1) *	SERO/SER1
	360S-LM-512 *	PL/I F Subroutine Library		360S-DN-527(2) *	SERO/SER1
	360S-PL-552	PL/I F Syntax Checker		360S-DN-527(3) *	SERO/SER1
	360S-RC-541	Graphic Job Processor			
	360S-LM-537	Graphic Subroutine Program	13	360S-DN-527(4) *	SERO/SER1
	360S-IO-523 *	Graphic Program Services		360S-CI-505(1) *	MFT Control Program
				360S-CI-505(2) *	MFT Control Program
4	360S-FO-520	FORTRAN G	14	360S-CI-505(3) *	MFT Control Program
	360S-FO-550	FORTRAN Syntax Checker		360S-CI-505(4) *	MFT Control Program
	360S-LM-501 *	FORTRAN Library	15	360S-CI-505(5) *	MFT Control Program
	360S-FO-500 *	FORTRAN H		360S-CI-505(6) *	MFT Control Program
	360S-DN-554(1) *	Service Aids		360S-DN-533 *	Online Test Executive Pgm (OLTEP)
	360S-DN-554(2) *	Service Aids		360S-CQ-563 *	3735 Macro/Utility
	360S-DN-611 *	System Modification Program (SMP)	16	360S-RC-551 *	CRJE
5	360S-LM-532	ALGOL Library		360S-CI-535(1) *	MVT Control Program
	360S-AL-531	ALGOL		360S-CI-535(2) *	MVT Control Program
	360S-LM-546	ANS COBOL Library		360S-DN-614 *	Power Warning Feature (PWF) Supt.
	360S-CB-545(1)	ANS COBOL		360S-RC-536 *	Remote Job Entry (RJE)
	360S-CB-545(2)	ANS COBOL	17	360S-CI-555(1) *	Time Sharing Option (TSO)
	360S-DN-539(1) *	Recovery Management - Model 65		360S-CI-555(2) *	Time Sharing Option (TSO)
	360S-DN-539(2) *	Recovery Management - Model 65		360S-CI-555(3) *	Time Sharing Option (TSO)
6	360S-CO-503	COBOL E	18	360S-CI-555(4) *	Time Sharing Option (TSO)
	360S-LM-504	COBOL E Library		360S-CI-555(5) *	Time Sharing Option (TSO)
	360S-RC-543	Satellite Graphic Job Proc. (SGJP)		360S-CI-555(6) *	Time Sharing Option (TSO)
	360S-AS-037 *	Assembler F	19	360S-CI-555(7) *	Time Sharing Option (TSO)
	360S-ED-521 *	Linkage Editor F		360S-CQ-548(1) *	TCAM
	360S-LD-547 *	Loader		360S-CQ-548(2) *	TCAM
	360S-CQ-519 *	QTAM	20	360S-CQ-548(3) *	TCAM
	360S-LM-542	1130/360 Data Transmission			
7	360S-SM-023(1)	Sort/Merge			
	360S-SM-023(2)	Sort/Merge			
	360S-RG-038	Report Program Generator			
8	360S-UT-507 *	Independent Utilities			
	360S-UT-506(1) *	Utilities			
	360S-UT-506(2) *	Utilities			
	360S-UT-506(3) *	Utilities			
9	360S-UT-506(4) *	Utilities			
	360S-CQ-513	Basic Telcom Access Method (BTAM)			
	360S-DM-509	Basic Direct Access Method (BDAM)			
	360S-IO-526(1) *	Index Seq. Access Method (ISAM)			
	360S-IO-526(2) *	Index Seq. Access Method (ISAM)			

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\* Changed with this release.

## SECTION 2: DISTRIBUTION PROCEDURES

This section describes the distribution procedures for this release of the operating system and lists the basic program material. It identifies the components and their resident locations.

## DISTRIBUTION MEDIA

The complete set of OS/360 distribution libraries (DLIBs) is distributed on 1316 disk packs or magnetic tapes.

For 2311 system residence, send one set of the following:

1. Six 1316 disk packs
2. Two magnetic tapes for 9-track 1600 bpi
3. Three magnetic tapes for 9-track 800 bpi
4. Three magnetic tapes for 7-track 800 cpi

All items 2, 3, and 4 are restorable to five or six 1316 disk packs.

2314 system residence is only distributed on magnetic tape. For 2314, send one set of the following:

5. Two magnetic tapes for 9-track 1600 bpi
6. Two magnetic tapes for 9-track 800 bpi
7. Three magnetic tapes for 7-track 800 cpi

All items 5, 6, and 7 are restorable to two 2316 disk packs.

3330 system residence is only distributed on magnetic tape. For 3330, send one set of the following:

8. One magnetic tape for 9-track 1600 bpi
9. Two magnetic tapes for 9-track 800 bpi
10. Three magnetic tapes for 7-track 800 cpi

All items 8, 9, and 10 are restorable to one 3336 disk pack.

The control cards for restoring disk packs from magnetic tapes are described in IBM System/360 Operating System: System Generation, GC28-6554.

The organization of the data may be determined by printing the volume table of contents (VTOC) for each disk pack.

# PROGRAM MATERIAL LISTS

The basic program material list identifies the components of Operating system/360 and their residence when ordered.

PROGRAM MATERIAL LIST  
FOR OPERATING SYSTEM/360 RELEASE 21.8

2311 DISTRIBUTION PACKS	
Disk Identifi- cation	Disk Identifi- cation
<u>DLIB01</u>	<u>DLIB05</u>
STARTER SYSTEM	SYS1.AL531
SYS1.PARMLIB (BD01-06)	SYS1.AS037
SYS1.PROCLIB	SYS1.CB545
SYS1.MODGEN2	SYS1.COBLIB
SYS1.ACDS	SYS1.CO503
	SYS1.ED521
	SYS1.FORTLIB
<u>DLIB02</u>	SYS1.FO500
SYS1.MODGEN (BD02-06)	SYS1.FO520
	SYS1.FO550
	SYS1.LD547
<u>DLIB03</u>	SYS1.LM501 (BD05-06)
SYS1.DN554	SYS1.LM512
SYS1.CI505	SYS1.LM532
SYS1.CI535	SYS1.LM546
SYS1.CQ513 <sup>①</sup>	SYS1.NL511
SYS1.CQ519	SYS1.PL1LIB
SYS1.DN508	SYS1.PL552
SYS1.DN509	SYS1.RG038
SYS1.DN527	SYS1.SM023
SYS1.DN533	SYS1.SORTLIB
SYS1.DN539 (BD03-06)	SYS1.SAMPLIB
SYS1.IO523	SYS1.DN554A
SYS1.IO526	
SYS1.LM537	
SYS1.LM542	<u>DLIB06</u>
SYS1.RC536	SYS1.TSOGEN
SYS1.RC541	SYS1.CI555
SYS1.RC543	SYS1.TSOMAC (BD06-05)
SYS1.RC551	SYS1.DUADS
SYS1.UT506	SYS1.DHELP
	SYS1.DCHDLIB
<u>DLIB04</u>	SYS1.TCMMAC
SYS1.GENLIB	SYS1.CQ548
SYS1.MACLIB (BD04-06)	

TAPE DISTRIBUTION FOR 2311 DISK PACK			
BT01-08	9-track (800 bpi)	contains DLIB01-03 <sup>②</sup>	7 files
BT03-07	9-track (800 bpi)	contains DLIB03 <sup>②</sup> -04	5 files
BT11-06	9-track (800 bpi)	contains DLIB05-06	5 files
BT05-08	9-track (1600 bpi)	contains DLIB01-04	9 files
BT13-06	9-track (1600 bpi)	contains DLIB05-06	5 files
BT02-08	7-track (800 cpi)	contains DLIB01-03 <sup>②</sup>	7 files
BT04-07	7-track (800 cpi)	contains DLIB03 <sup>②</sup> -04	5 files
BT12-06	7-track (800 cpi)	contains DLIB05-06	5 files

<sup>①</sup> The modules for the 3735 Macro/Utility (CQ563) are contained in CQ513.

<sup>②</sup> DLIB03 requires two tapes for 7- and 9-track users.

DASDI and DUMP/RESTORE precede the dumped disk pack data on a restore tape. All 7-track tapes require the data conversion feature.

PROGRAM MATERIAL LIST  
FOR OPERATING SYSTEM/360 RELEASE 21.8

## 2314 DISTRIBUTION PACKS

DLIB01	DLIB02
SYS1.CQ548	SYS1.FO500
SYS1.CI555	SYS1.FO520
SYS1.DUADS	SYS1.FO550
SYS1.DHELP	SYS1.IO523
SYS1.DCHDLIB	SYS1.IO526
SYS1.DM554	SYS1.LD547
SYS1.AL531	SYS1.LM501
SYS1.AS037	SYS1.LM512
SYS1.CB545	SYS1.LM532
SYS1.CI505	SYS1.LM537
SYS1.CI535	SYS1.LM542
SYS1.COBLIB	SYS1.LM546
SYS1.CO503	SYS1.NL511
SYS1.CQ513 <sup>①</sup>	SYS1.PL1LIB
SYS1.CQ519	SYS1.PL552
SYS1.DM508	SYS1.RC536
SYS1.DM509	SYS1.RC541
SYS1.DM527	SYS1.RC543
SYS1.DM533	SYS1.RC551
SYS1.DM539	SYS1.RG038
SYS1.ED521	SYS1.SM023
SYS1.PORTLIB	SYS1.SORTLIB
STARTER SYSTEM	SYS1.UT506
SYS1.ACDS	SYS1.PARMLIB
	SYS1.PROCLIB

## TAPE DISTRIBUTION FOR 2314 DISK PACK

BT06-07	9-track (800 bpi) contains DLIB01 <sup>②</sup>	3 files
-----		
BT08-08	9-track (800 bpi) contains DLIB02	3 files
-----		
BT10-08	9-track (1600 bpi) contains DLIB01 <sup>③</sup>	3 files
-----		
BT21-01	9-track (1600 bpi) contains DLIB02 <sup>③</sup>	3 files
-----		
BT07-07	7-track (800 cpi) contains DLIB01 <sup>②</sup>	3 files
-----		
BT09-08	7-track (800 cpi) contains DLIB01-02	5 files
-----		
BT19-03	7-track (800 cpi) contains DLIB02	3 files
-----		

DASDI and DUMP/RESTORE precede the dumped disk pack data on a restore tape. All 7-track tapes require the data conversion feature.

See OS System Generation, GC28-6554, for restore procedures.

① The modules for the 3735 Macro/Utility (CQ563) are contained in CQ513.

② DLIB01 requires three tapes for 7-track users and two tapes for 9-track users.

③ DLIB01 requires two tapes for 9-track users.



PROGRAM MATERIAL LIST  
FOR OPERATING SYSTEM/360 RELEASE 21.8

3330 STARTER SYSTEM

TAPE DISTRIBUTION FOR 3330 STARTER SYSTEM

DLIB01

SYS1.TCANMAC SYS1.TSOMAC SYS1.CQ548 SYS1.CI555 SYS1.DUADS SYS1.DHELP SYS1.DCMDLIB SYS1.DN554 SYS1.AL531 SYS1.AS037 SYS1.CB545 SYS1.CI505 SYS1.CI535 SYS1.COBLIB SYS1.CO503 SYS1.CQ513 <sup>①</sup> SYS1.CQ519 SYS1.DM508 SYS1.DM509	SYS1.DN527 SYS1.DN533 SYS1.DN539 SYS1.ED521 SYS1.PORTLIB STARTER SYSTEM SYS1.MACLIB SYS1.FO500 SYS1.FO520 SYS1.FO550 SYS1.IO523 SYS1.IO526 SYS1.LD547 SYS1.LM501 SYS1.LM512 SYS1.LM532 SYS1.LM537 SYS1.LM542 SYS1.LM546	SYS1.NL511 SYS1.PL1LIB SYS1.PL552 SYS1.RC536 SYS1.RC541 SYS1.RC543 SYS1.RC551 SYS1.RG038 SYS1.SM023 SYS1.SORTLIB SYS1.UT506 SYS1.PARMLIB SYS1.PROCLIB SYS1.TSOGEN SYS1.GENLIB SYS1.MODGEN SYS1.SAMPLIB SYS1.DN554A SYS1.MODGEN2 SYS1.ACDS
---	---	--

```

-----
BT14-05  9-track (800 bpi) contains DLIB01②          3 files
-----
BT16-05  9-track (800 bpi) contains DLIB01 (cont'd) 3 files
-----
BT18-05  9-track (1600 bpi) contains DLIB01          3 files
-----
BT15-05  7-track (800 cpi) contains DLIB01② part 1  3 files
-----
BT17-05  7-track (800 cpi) contains DLIB01 part 2   3 files
-----
BT20-03  7-track (800 cpi) contains DLIB01 part 3   3 files
-----
    
```

DASDI and DUMP/RESTORE precede the dumped disk pack data on a restore tape. All 7-track tapes require the data conversion feature.

See OS System Generation, GC28-6554, for restore procedures.

<sup>①</sup> The modules for the 3735 Macro/Utility (CQ563) are contained in CQ513.

<sup>②</sup> DLIB01 requires three tapes for 7-track users and two tapes for 9-track users.



# SECTION 3: HARDWARE ENGINEERING CHANGE LEVELS

This section defines the minimum engineering change (EC) levels known to be required for the generation of this release. There are no changes from Release 21.7 to Release 21.8.

## Model 155II

EC 263031  
EC 261766

## Model 158

EC 262936 plus REAs 02-045-041 through 02-045-049  
EC 262951 plus REA 02-57-118

## Model 168

EC 717705  
Microcode EC 718712

## 3830 Model 2 Control Unit

EC 427556

## 3275 Display Station

EC 718549

## 3411 Magnetic Tape Control Unit

EC 733733



# SECTION 4: DOCUMENTATION SUPPORT

This section lists the publications that support the operating system in this release. You can order these publications through the IBM System Library Subscription Service (SLSS). This section contains:

Instructions for ordering these publications.

System Reference Library (SRL) publications.

Program Logic Manuals (PLMs).

Technical Newsletters (TNLs) that amend the base publications.



# System Library Subscription Service

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	DATE	CUSTOMER/SUBSCRIBER NO.	
Non-IBM— <input type="checkbox"/> Non-Billable <input type="checkbox"/> User <input type="checkbox"/> Billable	Complete For All User and Billable Orders		
	CTL	EXCEPTION TAX DATA	
		S.	C.

## SUBSCRIBER PROFILE

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 (PUB-) No Profile: Order No. subscription only.  
 (PUBG) Profile applicable to use Key G items only.  
 (PUBS) Profile applicable to use Key G and S items. (Invalid)

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**Section D (#):** Specify subjects of interest: See System Library Bibliography

<input type="checkbox"/> 00 General Systems Information	<input type="checkbox"/> 21 Ass
<input type="checkbox"/> 01 Storage Devices, Channels	<input type="checkbox"/> 22 APL
<input type="checkbox"/> 02	<input type="checkbox"/> 23 BA

**Section E1 (#):** Specify Type I programming systems used with major systems

1130—	1800—	Model 20—
<input type="checkbox"/> (01) Card/Paper Tape	<input type="checkbox"/> (03) Card/Paper Tape	<input type="checkbox"/> (06) Card
<input type="checkbox"/> (02) Disk Monitor	<input type="checkbox"/> (04) TSX	<input type="checkbox"/> (07) Tape
	<input type="checkbox"/> (05) MPX	<input type="checkbox"/> (08) Disk

**Section E2 (#):** Specify system control programming (for S/3, S/7 and S/9)


**Section F (#):** List four-digit type numbers (e.g., 0729, 3330) of all machines (e.g., 1410, 2040) of systems simulated or emulated by or for


(#): Insert "A" for New or Added Items; "D" for Deleted Items.

New and revised publications and Newsletters fitting the above profile or listed on the back of this form, may be sent to the subscriber indicated:

**ORDER NUMBER SUBSCRIPTION:**  
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## SYSTEM LIBRARY SUBSCRIPTION SERVICE

Use the System Library Subscription Service (SLSS) form to order the publications described in this section. On the front of the form, enter your name, address, and any changes to your profile; on the back, list the publications you want.

## PUBLICATIONS SUPPORT

The SRL and PLM publications are grouped within the following subject codes:

20 Programming System -- General  
 21 Symbolic Assembly Systems  
 24 COBOL  
 25 FORTRAN  
 26 ALGOL  
 28 RPG  
 29 PL/I  
 30 Access Methods, Data Management,  
 I/O Control Programs  
 31 System Service Program  
 32 Utility Program  
 33 Sort/Merge  
 34 System Planning, Generation, Installation, SMF  
 36 Control Program  
 37 RAS  
 38 Remote Job Entry  
 39 Time Sharing  
 40 System Operation

Each entry can include the following:

Title                   The name of the publication.  
Order No.               The order number for the publication.  
TNL No.                Any applicable Technical Newsletters  
 associated with the base order number.

Release Guides for previous Release 21.x releases are still available. When ordering, please use the special order number:

<u>Special Order Number</u>	<u>Title and Original Order Number</u>
GT00-0071	Release 21.0 Guide (GC28-6730-3)
GT00-0122	Release 21.6 Guide (GC28-6730-4)
GT00-0146	Release 21.7 Guide (GC28-6730-5)



<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>
<b>20 GENERAL INFORMATION</b>		
GC28-6644-7	None	SRL Master Index
GC28-6534-3 or GC28-6534-4	GN28-2512  None	Introduction
GY28-6717-3	None	PLM Master Index
<b>21 ASSEMBLER</b>		
GC28-6514-8 or GC28-6514-9	GN33-8154  None	Assembler Language
GC28-6595-2	GN33-8084	Assembler (E) Programmer's Guide
GC33-4014-0	None	Assembler (E) Installation Guide
GC26-3756-6 or GC26-3756-7	GN33-8155 GN33-8167 None	Assembler (F) Programmer's Guide
GY26-3598-0	None	Assembler (32K) PLM
GY26-3700-3	GN33-8156	Assembler (64K) PLM
<b>24 COBOL</b>		
GC28-6516-8 or GC28-6516-9	GN28-0266 GN28-0427 GN28-0465 None	COBOL Language -- COBOL (E)
GC24-5029-4	None	COBOL (E) Programmer's Guide
GC28-6380-3  or GC28-6380-4	GN28-0249 GN28-0250 GN28-0265 GN28-0425 GN28-0464 None	COBOL (F) Programmer's Guide
GC28-6395-1	GN28-0271	COBOL Differences American National Standard COBOL Convers.
GC28-6396-3	GN28-1002	Full American National Standard COBOL

<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>
<b>24 COBOL (CONTINUED)</b>		
GC28-6399-2	GN28-1038	Full American National Standard COBOL Programmer's Guide
GC28-6400-0 or GC28-6400-1	GN28-0262 GN28-0467 None	Conversion Aids -- COBOL to American National Standard COBOL Language Conversion
GY28-6397-0	GN28-0401 GN28-0403 GN28-0468	Conversion Aids -- COBOL to American National Standard COBOL Language Conversion Logic
GC33-2001-2	None	Conversion Aids -- COBOL to PL/I Language Conversion Prgm. for OS
GY24-5009-1	GY28-6385 GY28-6393 GY28-6398	COBOL (E) PLM
GY33-7007-0	GN33-7010	COBOL to PL/I Language Conversion for OS PLM
GY28-6382-2	None	COBOL (F) PLM
GY28-6395-1	GN28-0499	Full American National Standard COBOL Compiler and Library, Version 2 PLM
<b>25 FORTRAN</b>		
GC28-6629-2	None	Basic FORTRAN IV Language
GC28-6515-10	None	FORTRAN IV Language
GC28-6430-0	None	FORTRAN IV (E) Compiler Installation Reference Material
GC28-6817-4	None	FORTRAN IV (G) and (H) Programmer's Guide
GC28-6603-3	None	FORTRAN IV (E) Programmer's Guide
GC27-6937-1	GN27-1316 GN30-2534	S/360 and 1130 Disk Monitor System FORTRAN IV Subroutines for Data Transmission between S/360 and a 1130 System
GC28-6819-0	None	Language Handbook for Conversion from 7090/7094 FORTRAN IV

<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>	<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>
		<b>25 FORTRAN (CONTINUED)</b>			<b>29 PL/I</b>
GC28-6818-0 or GC28-6818-1	GN28-0589 None	FORTRAN IV Library - Mathematical and Service Subprograms	GC28-6590-2	None	PL/I Subroutine Library Computational Subroutines
GC33-2002-2	None	Conversion Aids: FORTRAN IV to PL/I Language Conversion Program for OS	GC28-6594-8	None	PL/I (F) Programmer's Guide
GY27-7152-1	GN27-1334	Graphic Subroutine Package for FORTRAN IV, COBOL and PL/I PLM	GC28-8201-4	None	PL/I (F) Language Reference
GY27-7161-0	GY27-7194	S/360 and 1130 Disk Monitor System Data Transmission for FORTRAN PLM	GY28-6800-5	None	PL/I (F) Compiler PLM
GY28-6601-3	None	FORTRAN IV (E) Compiler PLM	GY28-6801-6	GN33-6017 GY33-6018	PL/I Subroutine Library PLM
GY33-7000-0	GN33-7008	FORTRAN IV to PL/I Language Conversion for OS PLM	GY33-8009-0	GN33-8109	PL/I Syntax Checker PLM
GY28-6638-2	None	FORTRAN IV (G) Compiler PLM			<b>ACCESS METHODS, DATA MANAGE-</b>
GY28-6642-5	None	FORTRAN IV (H) Compiler PLM			<b>30 MENT, I/O CONTROL PROGRAMS</b>
GY28-6831-2	None	FORTRAN IV Syntax Checker PLM	GY28-6617-6	None	BDAM Logic
		<b>26 ALGOL</b>	GY28-6606-3	None	Catalog Management PLM
GC33-2000-2	GN33-7001 GN33-7003	Conversion Aids -- ALGOL to PL/I Language Conversion Prgm. for OS	GC26-3794-1	None	Data Management Macro Instructions
GC28-6615-3	None	ALGOL Language	GC26-3746-2	None	Data Management Services Guide
GC33-4000-3	None	ALGOL Programmer's Guide	GC28-6550-11	None	Data Management for System Programmers
GY33-8000-0	GY33-8001 GY33-8003 GN33-8129	ALGOL (F) Compiler PLM	GY28-6607-9	None	DADSM Logic
GY33-7006-0	None	ALGOL to PL/I Language Conversion for OS PLM	GC27-6933-3	GN27-1371	User's Guide for Job Control from the IBM 2250 Display Unit
		<b>28 RPG</b>	GC27-6938-1	GN27-1315 GN27-1330 GN27-1370	S/360 & 1130 Disk Monitor System: User's Guide for Job Control from a 2250 Display Unit Attached to an 1130 System with a Fixed Number of Tasks MFT
GC24-3337-6	None	Report Program Generator Program	GY27-7113-6	None	Graphic Access Method PLM
GY26-3704-0	GY21-0006 GY21-0011	RPG PLM	GY27-7110-1	None	Graphics Problem Oriented Routines PLM
			GC27-6909-6	None	Graphic Programming Services for 2250 Display Unit

<u>Order Number</u>	<u>TNLs</u>	<u>Title</u>
		30 ACCESS METHODS, DATA MANAGEMENT, I/O CONTROL PROGRAMS (CONTINUED)
GC27-6912-8	None	Graphic Programming Services for 2260 Display Station (Local Attachment)
GC27-6927-1	None	Graphic Programming Services for 2280 & 2282 Film Units
GC27-6932-3	GN27-1313 GN27-1331	Graphic Subroutine Package for FORTRAN IV, COBOL and PL/I
GY28-6618-6	None	ISAM Logic
GY28-6616-9	GN26-8036	I/O Supervisor Logic
GY28-6609-6	None	Open/Close/EOV Logic
GY28-6604-5	None	SAM Logic
GC28-6680-5	None	Tape Labels
GC30-2004-7	GN27-1420 GN27-1425	BTAM
GY30-2001-6	None	BTAM PLM
GC30-2005-3	None	QTAM Message Control Program
GC30-2003-4	None	QTAM Message Processing Programs
GY30-2002-3	None	QTAM PLM
GC30-2022-2	None	TCAM Concepts and Facilities
GC30-2024-4	None	TCAM Programmer's Guide and Reference Manual
GC30-2028-1	None	Planning for TCAM with the 3705 Communications Controller
GY30-2029-4	None	TCAM PLM
GY30-2027-0	None	TCAM Serviceability Aids PLM
GC30-2025-2	None	TCAM User's Guide
GC26-5929-7	None	1130 Subroutine Library

<u>Order Number</u>	<u>TNLs</u>	<u>Title</u>
		30 ACCESS METHODS, DATA MANAGEMENT, I/O CONTROL PROGRAMS (CONTINUED)
GC21-5004-3	None	IBM 1285, 1287, and 1288 Optical Readers Data Management Macros and Services
GY21-0013-2	None	1285, 1287, 1288 Optical Readers PLM
GC21-5006-4	None	Data Management Services and Macro Instructions for IBM 1419/1275
GY21-0012-2	None	BSAM Logic for IBM 1419/1275
GC30-2026-1 or GC30-2026-2	GN30-3008  None	Conversion Guide from QTAM or BTAM to TCAM
GY27-7152-1	GN27-1334	Graphic Subroutine Package for FORTRAN IV, COBOL, and PL/I Logic
GY30-3000-0	GY30-3500 GY30-3501 GY30-3504	IBM 3735 Programmable Buffered Terminal: Form Description Macro Instructions and Form Description Utility Logic (OS,DOS,VS Systems)
GC30-3001-4	None	IBM 3735 Programmer's Guide (OS, DOS, and VS Systems)
GC21-5097-0	None	OS and OS/VS Programming Support for the IBM 3505 Card Reader and IBM 3525 Card Punch
GC30-1007-2	GN30-2577	OS/MFT and OS/MVT TCAM Level 5 Component Release Guide
GC21-5071-1	None	IBM 3740 BTAM/TCAM Programmer's Guide
		31 SUPPORT PROGRAMS
GC27-6918-3	None	Maintenance Program
GC28-6429-0	None	Linkage Editor (E) IRM
GC28-6538-9 or GC28-6538-10	GN26-0761  None	Linkage Editor and Loader
GX20-1739-4	None	Linkage Editor and Loader Reference Summary

<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>	<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>
		<b>31 SUPPORT PROGRAMS</b>			<b>SYSTEM PLANNING, GENERATION, 34 INSTALLATION, SMF (CONTINUED)</b>
GY27-7155-2	GN27-1333 GN27-1343 GN27-1369	Machine Check Handler for S/360 Model 65 PLM	GC28-6720-4 OR GC28-6720-5	GN28-2553 None	MVT Guide
GY27-7184-1	GN27-1368	Machine Check Handler for S/360 Model 85 PLM	GC24-5082-1	None	DOS and DOS/VS to OS/MFT, OS/MVT, OS/VS1 Management Planning Guide
GY27-7198-2	None	Machine Check Handler for S/370 Models 155, 158, 165, 168 PLM	GC24-6000-0	GN24-5433	DOS to OS Implementation Guide
GY27-7237-1	None	Machine Check Handler for S/370 Models 135 and 145			<b>36 CONTROL PROGRAM</b>
GY28-6610-3	None	Linkage Editor (E) PLM	GC28-6730-6	None	Release 21.8 Guide
GY28-6667-2	None	Linkage Editor (F) PLM	GC27-6942-2	None	Intro to Main Storage Hierarchy Support for 2361 Models 1 & 2
GY28-6714-2	None	Loader PLM	GC28-6628-9	None	System Control Blocks
		<b>32 UTILITIES</b>	GC28-6646-7	None	Supervisor Services and Macro Instructions
GC28-6586-15	None	Utilities	GC28-6670-6 OR GC28-6670-7	GN28-2545 None	Programmer's Guide to Debugging
GY28-6614-8	GN35-0009	Utilities PLM	GC28-6704-3	None	Job Control Language Reference
		<b>33 SORT/MERGE</b>	GC28-6708-5	None	Advanced Checkpoint/Restart
GC28-6543-8	None	Sort/Merge	GY27-7128-7	None	Job Management with MFT PLM
GC28-6662-1	None	Sort/Merge Timing Estimates	GY27-7159-1	None	Graphic Job Processor Support PLM
GY28-6597-4	None	Sort/Merge PLM	GY27-7166-0	GY27-7192	S/360 & 1130 Disk Monitor System Job Processing from a Remote 1130/2250 Subsystem PLM
		<b>SYSTEM PLANNING, GENERATION, 34 INSTALLATION, SMF</b>	GY27-7236-2	None	MFT Supervisor PLM
GC27-6939-10	GN28-2546	MFT Guide	GY28-6659-7	None	MVT Supervisor PLM
GC28-6551-16	None	Storage Estimates	GY28-6660-9	GN28-2551	MVT Job Management PLM
GC28-6554-13	None	System Generation	GY28-6661-5	GN27-1404	Initial Prog. Loader & Nucleus Initialization Program PLM
GC28-6712-7	None	System Management Facilities (SMF)	GX28-6783-0	None	Job Control Language Syntax Reference Summary
GC28-6716-0	GN28-2449	Feature Guide			

<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>	<u>Order Number</u>	<u>TNLS</u>	<u>Title</u>
		<b>36 CONTROL PROGRAM (CONTINUED)</b>			<b>38 REMOTE JOB ENTRY (CONTINUED)</b>
GC28-6792-0	None	OS Power Warning Feature (PWF) Support ICR Guide	GY30-2005-4	GY30-2542 GY30-2557	RJE PLM
GY27-7166-0	GY27-7192	S/360 & 1130 Disk Monitor System Job Processing from a Remote 1130/2250 Subsystem Logic	GY30-2011-1	GN28-0614 GN28-0599 GN28-0617	Conversational RJE PLM
GY28-7106-0	None	Update Analysis Program Logic	GC28-6791-0	None	System Modification Program (SMP)
		<b>37 RAS</b>	GX28-0684-0	None	SMP Reference Summary
GC27-6970-0	None	OS Problem Determination Aids and Messages & Codes for GPS & GSP			<b>39 TIME SHARING</b>
GC28-6648-1	None	TESTSTRAN	GC28-6698-6	None	TSO Guide
GC26-3796-0	None	TESTSTRAN System Information	GX28-6781-0	None	TSO Command Language Reference Summary
GY28-6611-1	None	TESTSTRAN PLM	GC28-6732-4	None	TSO Command Language Reference
GC28-6650-6	GN28-2549	Online Test Executive Pgm. (OLTEP)	GY28-6771-0	GN28-2489	TSO Command Processor PLM Volume 1
GY28-6651-5	GN28-2550	Online Test Executive Program (OLTEP) PLM	or GY28-6771-1	None	
GC28-6719-2	GN28-2552	Service Aids	GY28-6772-0	GN28-2490 GN28-2513 GN28-2525	TSO Command Processor PLM Volume 2
GX28-6749-3	None	Service Aids Reference Summary	or GY28-6772-1	None	
GY28-6721-0	GN28-2554	Service Aids Logic	GY28-6773-1	None	TSO Command Processor PLM Volume 3
GC28-6747-3	None	Reliability Data Extractor (RDE) Guide	GY28-6774-0	GN28-2491 GN28-2526	TSO Command Processor PLM Volume 4
		<b>38 REMOTE JOB ENTRY</b>	or GY28-6774-1	None	
GC30-2006-5	GN28-0602 GN28-0611	Remote Job Entry	GY28-6775-0	GN28-2486 GN28-2511	TSO Command Processor PLM Volume 5
GC30-2012-1	GN28-0596	Conversational RJE Concepts and Facilities	or GY28-6775-1	None	
GC30-2014-1	GN28-0612 GN28-0597	Conversational RJE Terminal User's Guide	GY28-6776-0	GN28-2492	TSO Command Processor PLM Volume 6
GC30-2016-1	GN28-0613 GN28-0598 GN28-0618	Conversational RJE System Programmer's Guide	GY28-6777-0	GN28-2488	TSO Command Processor PLM Volume 7

<u>Order Number</u>	<u>TNLs</u>	<u>Title</u>
		<b>39 TIME SHARING (CONTINUED)</b>
GY27-7199-3	None	TSO Control Program PLM
GC28-6764-2	None	TSO Guide to Writing a Terminal Monitor Program or a Command Processor
GY28-6770-2	None	TSO Terminal Monitor Program and Service Routines PLM
GC28-6762-1	GN30-3013	TSO Terminals
GC28-6763-2 or GC28-6763-3	GN28-2555  None	TSO Terminal User's Guide
		<b>40 SYSTEM OPERATION</b>
GC27-6949-2	None	Operator's Guide for Display Consoles
GC28-6691-3 or GC28-6691-4	GN28-2544  None	Operator's Reference
GC28-6692-1 or GC28-6692-2	GN28-2474 GN28-2508 None	Operator's Procedures
GC28-6631-13	None	Messages and Codes

## ADDITIONAL DOCUMENTATION ITEMS

Many types of documentation can be ordered through SLSS by using the form shown at the beginning of this section. In addition to the SRLs and PLMs listed in this section, documentation can be ordered for:

Hardware

Programming Systems

Type III Programs with Service Class A

Program Products

Field-Developed Programs

Programming RPQs

Installation Supplies

Education

Programming Systems Memos (PSMs)

Early Warning System (EWS) Microfiche

Engineering Change Announcements (ECA),  
Service Aids (SA)

Program Temporary Fix (PTF) Listings

Program Listings

For a detailed list of available items, see the IBM System/360 and System/370 Bibliography, GA22-6822 with TNL GN20-0370.





IBM System/360 Operating System:  
Release 21.8 Guide  
GC28-6730-6

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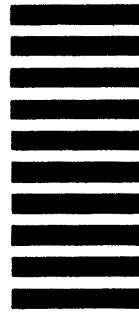
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