DPS 6
GCOS 6 MOD 400
SYSTEM CONCEPTS

SUBJECT

System Concepts for the Honeywell Bull GCOS 6 MOD 400

SPECIAL INSTRUCTIONS

This manual supersedes CZ03-01, dated March 1986, and its addenda CZ03-01A, dated September 1986, CZ03-01B, dated March 1987, and CZ03-01C, dated September 1987. This manual has been reformatted. Change bars indicate technical changes and additions; asterisks denote deletions.

SOFTWARE SUPPORTED

This manual supports Release 4.0 Update 03 of the GCOS 6 MOD 400 Executive. For later versions of the Executive that this manual may support, see the *ONE PLUS Guide to Software Documentation* (HE01).

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PREFACE

This manual is written for all users of the MOD 400 Executive.

Primary Audience

It will prove particularly informative to those responsible for building systems and those who design application programs and/or system functionality other than that supplied by Honeywell Bull.

Structure

This manual contains a general description of the way in which processing is performed on MOD 400 systems. It presents a discussion of the Executive in terms of its design concepts and processing functionality. Not discussed are such topics as equipment lists, available software packages, and supporting manuals. No detailed procedural information is discussed; several procedures are, however, outlined.

The major topics discussed are:

- File system, including file and pathname concepts, file protection, and remote file access.
- System access path, including login, user registration, and the menu and command environments.
- Execution environment, including a description of tasks, task groups, memory usage, and bound units.
- Task execution, including priority levels, logical resource numbers, and deferred processing facilities.

USER COMMENTS FORMS are included at the back of this manual. These forms are to be used to record any corrections, changes, or additions that will make this manual more useful.

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- Backup and recovery facilities, including the backup and restoration of disk files, the preservation of the execution environment during a power failure, the recovery of files at the record level, and the recovery and restart of task groups.

Although no manual is prerequisite to this manual, you may find it convenient to have read the *Guide to Software Documentation*.

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