



Technical Newsletter

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IBM System/360 Operating System: Release 20 Guide

This Technical Newsletter, a part of release 20.6 of IBM System/360 Operating System, provides replacement pages for the subject publication. These replacement pages remain in effect for subsequent releases unless specifically altered. Pages to be inserted and/or removed are:

Cover, Edition Notice
Memo to Users
1-23, 1-24
1-25, 1-26 (text rearrangement only)
1-47 through 1-49
2-3 through 2-28
2-29 through 2-74 (removed and not replaced)
2-75 through 2-86
2-87 through 2-90 (removed and not replaced)
2-91 through 2-121
2-123, 2-124
3-3 through 3-48
3-49 through 3-64 (removed and not replaced)
4-13 through 4-16

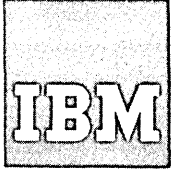
Summary of Amendments

A new "Memo to Users" has been supplied.

The START, STOP, and MODIFY commands have been expanded for TSO.

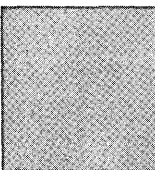
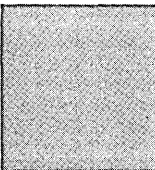
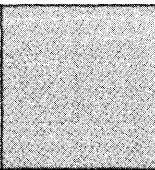
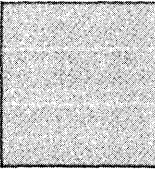
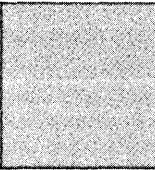
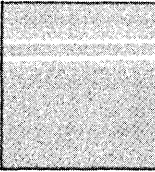
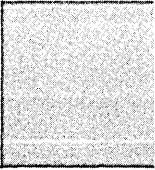
The APAR and Module Summary lists and the ordering procedures have been changed.

Note: Please file this cover letter at the back of the manual to provide a record of changes.



Systems Reference Library

**IBM System/360 Operating System:
Release 20 Guide**



PREFACE

This publication describes the content and status of the IBM System/360 Operating System as of release 20. It provides installation managers, system programmers, and IBM Field Engineering personnel with information useful in planning for implementation of release 20. The reader should be familiar with the information presented in the following publications:

IBM System/360 Operating System:

System Generation, GC28-6554.

System Programmer's Guide, GC28-6550.

This publication is in four parts:

1. A functional summary of new and changed features of the operating system, including new and changed system parameters and system generation information.
2. A summary of operating system maintenance activity that includes APAR lists, a program symptom index, and a list of resolved PTFs.
3. A list of modules in the system, and their status.
4. Ordering and distribution procedures for release 20, including hardware engineering change levels, program material lists, and publication support.

Note: This publication includes the type of information formerly contained in the Consolidated Document, which is no longer published as a separate document.

Second Edition (June, 1971)

This is a major revision of, and obsoletes, GC28-6730-0 and Technical Newsletters GN28-2465 and GN28-2467. This edition has been completely rewritten and should be reviewed in its entirety.

This edition with Technical Newsletters GN28-2496 and GN28-2498 applies to release 20.6 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 SRL Newsletter, Order No. GN20-0360, 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, Programming Systems Publications, Department D58, PO Box 390, Poughkeepsie, N.Y. 12602. Comments become the property of IBM.

Memorandum To: Users of Operating System/360

Subject: Updated Version of Release 20.1
(Release 20.6)

This memorandum announces the availability of updated distribution libraries for OS Release 20.1. This release, designated 20.6, may now be ordered from PID using the same ordering instructions as were used for Release 20.1.

The updated release contains all the features, functions, and maintenance that were previously included in Release 20.1. In addition, the distribution libraries for Release 20.6 contain:

1. 315 APARs corrected, 71 of which were corrected by 55 PTFs. (Special emphasis was given to TSO START/STOP/MODIFY corrections.)
2. The Independent Component Release support for the new devices: 2305, 3330, 2880. (Orderable components OS-569, OS-570, and OS-573 have been included in Release 20.6).
3. TCAM Level 1 (Previously sent to all TCAM users of component OS-576 has been integrated into Release 20.6).

Two TNLs have been enclosed for Release 20.6. The TNL to the Release 20.1 Guide details the PTFs applied to and APARs corrected in Release 20.6. The TNL to Storage Estimates, GC28-6551 (TNL GN28-2499) will also be supplied. The following additional TNLs to Release 20.1 publications will be shipped with the system:

TSO Command Language Reference, GC28-6732
(TNL GN28-2503)
TSO Guide, GC28-6698 (TNL GN28-2502)
Messages and Codes, GC28-6631 (TNL GN28-2501)
Operators Reference, GC28-6691 (TNL GN28-2500)

The user should consult the Release 20.1 Guide for all other information on Release 20.1 new function and maintenance.

All orders for OS will now be filled with Release 20.6; however, other current levels of Release 18, 19 and 20 can still be ordered through your marketing representative. PTFs that have been centrally applied will continue to be available through normal FE channels.

An additional refresh release, Release 20.7 (which includes support of the 3330 starter system), will be made available within three months after the release of 20.6. Release 18 will be considered current (Central and FE programming service) for three months following the availability of Release 20.7.

SYSTEM/370--MODELS 145, 155, AND 165

System/370 is supported in release 20 of the Operating System. Either multiprogramming with a fixed number of tasks (MFT) or multiprogramming with a variable number of tasks (MVT) control program may be used by this new system.

The programming support for the Model 145 is compatible with the System/360 Models 30, 40, and up. An OS/DOS Compatibility Feature or the OS DQS Emulator Program can be used when this model is installed by DOS users. The programming support for the Model 155 is compatible with the System/360 Model 40 and up; the Model 165 is compatible with the System/360 Model 65 and up (excluding Model 67).

All programs written for a System/360 system will operate on System/370 except for those that:

1. Are time-dependent.
2. Are written to deliberately cause program exceptions.
3. Use machine-dependent data.
4. Use PSW bit 12 (the ASCII bit).
5. Use low-address main storage reserved for special purposes.
6. Use programs that depend on devices or facilities not available in System/370 (such as the integrated disk storage of the System/360 Model 44, or dynamic address translation of the System/360 Model 67).
7. Use programs requiring model-dependent System/360 functions.

EREP: The IFCEREP0 utility program has been modified so that it will support all the models of System/370.

CCH: The channel-check handler routines have been modified to support all the models of System/370 and are automatically included in the operating system during system generation.

MCH: The machine-check handler routines have been modified to support all the System/370 models and will be automatically included in the operating system during system generation.

Assembler: The assembler language processor has been modified so that it will support all the instructions mnemonics for all the System/370 models. (For further information about other changes to the assembler language processor see the write-up under 'Processors' in this section.)

Time of Day Clock: A new hardware time of day clock has been included in all the System/370 models and provides more accurate time stamping than the interval timer. This clock only stops when the CPU power is turned off and has an approximate cycle of 135 years. The time of day can be obtained by using the TIMER macro instruction and specifying the new parameter MIC,area-address. (See Supervisor and Data Management Macro Instructions in Section 3.)

Two new instructions, SET CLOCK and STORE CLOCK, are provided as part of the instruction set for the System/370 models. They set the time and request the current time be stored. See the publications listed below for detailed information about these instructions and all the other features of System/370.

Distribution Package: The distribution package contains the modules necessary for the generation of an MFT or MVT control program for all models of System/370.

Emulators: All available emulators for System/370 can be used provided that appropriate compatibility hardware is installed and the appropriate support has been specified during system generation.

System Generation: In order to specify any of the models of System/370, three additional subparameters, 145, 155, and 165, have been added to the system generation macro instruction CENPROCS. See the Section 4: Planning for System Generation for a description of the new subparameters.

In order to specify emulation during system generation, the EMULATOR system generation macro instruction must be specified in order to have the emulator modules included in the system libraries. In addition, TYPE=MFT or MVT must be specified in the CTRLPROG system generation macro instruction and OPTIONS=(IDENTIFY,ATTACH) must be specified in the SUPRVSOR system generation macro instruction for MFT systems. For the model 165, a minimum storage size of I (512K) must be specified in the CTRLPROG system generation macro instruction.

Publication Support: For detailed information about System/370 see the following publications:

IBM System/360 Operating System:

System Generation, GC28-6554.

Assembler Language, GC28-6514.

TIME SHARING OPTION (TSO)

The TSO control program, which is an extension of the MVT control program, consists of many routines, each of which performs functions to support time-sharing operations. TSO provides conversational interaction with multiple terminal users simultaneously with batch processing. Users will be able to prepare and execute their programs conversationally in the foreground while the background accomplishes other data processing.

The major functional capabilities available to a terminal user include:

- Data set creation, editing, cataloging.
- Submission of jobs to the background for processing.
- Conversational creation and debugging of programs.
- Standard OS/360 language processors, linkage editor, and loader.
- Interactive terminal facility (PL/1 and BASIC) and FORTRAN IV language processors designed especially for conversational problem solving. (These are available as program products.)
- Data set protection.
- Capability to add conversational application programs to the system.

Once an installation has generated a system that includes TSO, time sharing operations can be started and stopped at any time by the system console operator. The operator can specify how many regions of main storage are to be assigned to time sharing users. Each region can serve many users, whose programs are swapped back and forth between main and auxiliary storage. Time sharing, or foreground operations, can take place concurrently with batch or background operations. (Background jobs are not swapped.) If the user chooses, he can dedicate his system to time sharing and run only foreground jobs. If there are periods when TSO is not needed in the system, time sharing operations can be stopped, and the system will then process background jobs in the usual way with MVT and TCAM.

Terminal communications are handled by the telecommunications access method (TCAM) through an interface that allows the use of standard sequential access method I/O statements and macro instructions.

All of the MVT facilities are available to a background job. Foreground jobs can use most of the operating system access methods for data set access (e.g., BSAM, QSAM, BDAM, etc.). All devices available to these access methods are usable by foreground jobs.

In general, one or more fixed size regions are dedicated to time sharing when time sharing operations are started. The remaining storage may be used to run other OS/360 jobs. Time-shared activities on behalf of a user will take place within one of the dedicated regions. Multiple users may "time share" the dedicated region(s), one user at a time in each region for a nominal period of time (time slice). At the end of a user's time slice, the portions of the region occupied by the user will be "swapped out" to direct access storage and another user will be "swapped in" the vacant region for his time slice.

Tuning the Time Sharing System: In a time sharing system, execution time is divided among the active foreground jobs and background jobs in brief time slices. Balancing the system depends on the number and type of jobs the system is processing. The time sharing algorithms are discussed in IBM System/360 Operating System: Time Sharing Option Guide.

System Management Facilities (SMF): The SMF option can be used with TSO. Both the data collection and dynamic control facilities are extended to the foreground environment.

Dynamic Device Reconfiguration (DDR): This option should not be specified for a TSO system. If both DDR and TSO are specified for the same system, it is done entirely at the user's own risk.

When DDR and TSO are in the same system a conflict could occur during the time TSO is operating. In order to reduce the risk of a conflict the operator should issue the SWAP OFF command before starting TSO or immediately after starting TSO. Then he must not issue any DDR requests while TSO is running. Issuing the SWAP OFF command will prevent system-initiated DDR requests for non-system residence devices, but it cannot prevent any operator-initiated DDR requests. If the operator initiates a DDR request while TSO is operating, a conflict will occur between DDR and TSO and the system will have to be re-IPLed.

Nothing will prevent a system-initiated DDR request for the system residence device if OPTIONS=DDRSYS and ALTSYS=ddd were specified in the SUPRVSOR macro instruction during system generation. If a system-initiated DDR request for the system residence device should occur while TSO is operating, a conflict will occur between DDR and TSO and the system will have to be re-IPLed.

TSO Trace Program: The TSO trace program provides a detailed history of what the system does over a period of time.

TSO Command Language: The TSO command language gives the terminal user a simple means to request the system to perform work and gives system personnel a framework for applications. TSO terminal users define their work in the TSO command language. There are commands for elementary functions such as entering, editing, and retrieving data. There are also commands for remote job entry; mathematical calculation; and program development and testing in several programming languages.

To allow the user to manage his data stored on auxiliary storage devices, a set of data set utility commands is included in the TSO command language.

A variety of commands are provided to give the user control over program compilation and execution. The form of the program determines command selection.

The command language includes the SUBMIT, STATUS, OUTPUT, and CANCEL commands to handle submission of jobs for execution in the background.

Facilities are provided for the installation manager or system programmer to control operation of the system from his terminal. Other commands are provided to allow the user to control the terminal environment and to aid him in using the command system.

Restrictions and Limitations: Certain facilities are unavailable to the foreground jobs, although they remain available to background jobs. These include:

- The basic telecommunications access method (BTAM).
- The graphics access method (GAM).
- The EXCP equivalents of the BTAM, QTAM, and GAM access methods.
- Main storage requests for hierarchy 1 (all foreground requests for main storage are allocated to hierarchy 0).
- Use of job control language in the foreground for other than single-step jobs (the TSO command language is used to provide the equivalent of multi-step jobs).
- Checkpoint/restart facility (foreground requests for checkpoint are ignored).
- Rollout/rollin option.
- TESTRAN facility.
- Use of tape volumes by a foreground job.
- Dynamic allocation of multi-volume data sets.

SVC numbers 92 through 102 (decimal) are added to the system for TSO.

Including TSO in a system adds no restrictions to programs executed in the background. The presence of time sharing regions will impose no functional restriction on any other region.

Operational Limitations: The following limitations apply when operating a system with TSO:

- The feature 8200 should be plugged 'not to inhibit' unit exception.
- The 1050 or the TELETYPE¹ terminal Model 33/35 connected to a 2702 control unit can use break for either line deletion or attention, not both. It is recommended that break be used for attention.
 - ¹ Trademark of Teletype Corporation, Skokie, Illinois.
- Programs that specify DCB parameters for input data sets can cause errors on subsequent use of those data sets if the DCB information is merged back into the JFCB. An example of this situation is a program that reads and processes the directory of a partitioned data set specifying a DCB with KEYLEN=8. Subsequent use of the data set will cause an error. It is recommended that these programs be modified if they are to be run in the foreground.
- FORTRAN object programs using partitioned data sets for input should allocate them in the logon procedure since dynamic allocation does not provide the ability to specify the required LABEL information.

System Requirements: TSO can only be run under an MVT control program on System/360 models 50 through 195, or System/370 models 145, 155, or 165. The minimum machine configuration for System/360 models must include at least 384K bytes of main storage, the required I/O devices for MVT, plus at least one each of the following:

- A terminal (IBM 1050, 2741, 2260 Local or Remote, 2265, or Teletype¹ Model 33 or 35 KSR).
 - ¹ Trademark of Teletype Corporation, Skokie, Illinois.
- A transmission control unit (IBM 2701, 2702, or 2703), unless all terminals are locally attached 2260 Display Stations.
- Sufficient direct access storage space (IBM 2301, 2303, 2305, 2314, or 3330) for swap data sets, command libraries, and system data sets.

In a System/360 with 384K bytes main storage, TSO is, in effect, a "dedicated" time sharing system. To run both time sharing and batch jobs concurrently or to execute on System/370 models, at least 512K bytes of main storage is

required. At least 128K bytes of main storage is required for system generation.

System Generation: In order to include TSO in the system, a complete generation is required. In addition to the distribution libraries required, DLIB06 must also be included if the 2311 distribution is being used.

In the new system the following libraries must be included:

SYS1.CMDLIB
SYS1.BRODCAST
SYS1.UADS

The optional data set, SYS1.HELP, must be included if the HELP function is desired in the system.

The following macro instructions must be specified:

GENTSO (used instead of GENERATE)
CMDLIB
EDIT
OUTPUT
SCHEDULR
TELCMLIB
TSOPTION
UADS

The following macro instructions are optional:

HELP
CHECKER

The TCAM access method will be automatically included when TSO is specified.

Refer to the System Generation manual for the specific instructions for coding the macro instructions.

Publication Support: For detailed information about TSO see the following publications:

IBM System/360 Operating System:

Time Sharing Option Guide, GC28-6698.
System Management Facilities, GC28-6712.
System Generation, GC28-6554.
Storage Estimates, GC28-6551.
Time Sharing Option Command Language Reference, GC28-6732.
Time Sharing Option Terminals, GC28-6762.
Time Sharing Option Terminal User's Guide, GC28-6763.
Time Sharing Option Guide to Writing A Terminal Monitor Program or a Command Processor, GC28-6764.

TELECOMMUNICATIONS ACCESS METHOD (TCAM)

A new access method, the telecommunications access method (TCAM), that can operate under an MFT or MVT control program, has been added to the System/360 Operating System. This new access method provides an input/output control system that supports the transfer of messages between the system and user-written application programs and, in addition, provides a high-level, flexible, message control language.

TCAM facilities include a comprehensive set of I/O, message control, translating, error handling, and editing routines that relieve the programmer of the detailed programming normally required for a teleprocessing system. TCAM support is divided into two categories -- message control that is handled by a message control program (MCP) and message processing in application programs that is handled by using OS and some TCAM macro instructions. Each teleprocessing system that operates under TCAM requires one MCP.

Message Control Program (MCP): TCAM message control is supervised by the message control program (MCP). The MCP consists of routines to identify the teleprocessing network to the System/360 Operating System, to establish the line control required for the various kinds of stations and modes of connection, and to control message handling and message routing to fit the user's requirements.

After a teleprocessing operating system has been generated in which TCAM has been included, the user must construct an MCP that describes his teleprocessing network to the System/360 Operating System.

The MCP can perform limited processing of the message; for instance, the MCP must scan the header to determine routing information and message code translating. Certain operational processing operations are provided as a convenience to the user. For example, the MCP can insert the time-of-day in message headers and check the input messages to determine if an error message must be sent to the calling station.

Constructing An MCP: A special set of TCAM macro instructions are used to construct an installation-oriented message control program (MCP). The MCP is generated from a number of assembler macro instructions coded by the programmer. Functions can be included that are not provided in TCAM by employing OS control program macro instructions and assembler language and macro instructions.

Command	Parameter	Comments
HALT	TP, {QUICK} {FLUSH}	This form of the HALT command is used for TCAM. TP must be specified for TCAM. QUICK specifies that all message traffic on each line is to stop as soon as transmission of any message currently being handled is completed. FLUSH specifies that all message transmission from stations is to stop on each line as soon as transmission for any message is completed.
HOLD	TP=stationname	This form of the HOLD command is used for TCAM to intercept a station. TP must be specified as is. stationname specifies the station to be intercepted.
MODE	{STATUS HIR,x[,eeee][,tttt]} {ECC,x[,eeee][,tttt]}	You can now use this command for the System/370 Model 155. STATUS specifies that a message describing the current status of machine recovery facilities is to be displayed. HIR specifies that the hardware instruction circuitry is to be set. ECC specifies the error correction code circuitry is to be set. x specifies the mode; eeee is the four digit decimal value to be inserted in the time threshold error count; tttt is four digit decimal value to be inserted in the time threshold.
	{STATUS RECORD QUIET ENABLE}	You can use this command for the System/370 Model 165. STATUS specifies that the current status of the recovery management facilities is to be displayed. RECORD specifies the recording mode. QUIET specifies the quiet mode. ENABLE specifies that a disabled high-speed buffer is to be reactivated.
	{MAIN}{,RECORD} {CNTR}{,QUIET} {,THRES}	These are for use with the System/370 Model 145. MAIN specifies main storage; CNTR specifies control storage. RECORD specifies recording mode; QUIET specifies quiet mode; THRES specifies threshold mode.
MODIFY	<pre> [procname.] identifier AUTO POLL=lineaddress{,ON } {,OFF } INTENSE={LINE,lineaddress} {TERM,stationname} ,sense[,sensecount] INTERVAL={SYSTEM[,value]} {POLL,station name,seconds} OPERATOR={stationname} {SYSCON} OPT=stationname,option fieldname,data TRACE=lineaddress{,ON } {,OFF} </pre>	This command can be used for TSO to change values specified when the system was generated or specified in the START command. You can also change values specified in a job.
		This form of the MODIFY command is used for TCAM. procname specifies the name of the TCAM cataloged procedure. identifier specifies either the id used in the START command or the name of the job to start TCAM. AUTO POLL=lineaddress,ON or OFF specifies that the polling method for the line is to be changed. lineaddress specifies the line to be changed. ON specifies a change from programmed to automatic; OFF specifies the opposite; stationname specifies the station. sense specifies a code for the type of errors to be recorded; sensecount specifies the number of times error recording is to take place. INTERVAL=SYSTEM,value specifies a programmed delay and value specifies the duration. INTERVAL=POLL,stationname,seconds specifies the polling interval of a line group is to be changed. OPERATOR=stationname specifies that the secondary operator control station is to be changed to primary. OPERATOR=SYSCON specifies that the system console is to be the primary. OPT=stationname,optionfieldname,data specifies that the contents of the operation field for a station are to be changed. TRACE=lineaddress,ON or OFF specifies that the TCAM I/O TRACE facility for a line is either to be activated or deactivated.

Command	Parameter	Comments
MODIFY (cont'd.)	'job parameters' USERS=number BRDRQ=maxno DRIVER=(parameters) REGSIZE(Rn)=(nnnnnK, xxxxxxK) SMF=(parameters) HOLD=reglist	These new parameters have been added to the MODIFY command for use with TSO only. job parameters is used to change values in a job currently being processed. USERS=number specifies the number of terminal users that may connect to time sharing. BRDRQ=maxno specifies the maximum number of logical tracks that can be used at one time on the job queue. DRIVER=(parameters) specifies the parameter list for the time sharing driver. REGSIZE(Rn)=(nnnnnK,xxxxxxK) specifies the time-sharing region number and the size of each region. Rn is the region number, nnnnnK is the size of the region. The local system queue area is determined by xxxxxK. SMF=(parameters) specifies the SMF options to be used in the time-sharing regions. HOLD=reglist specifies what time-sharing regions are to be held and that no new terminal users are to be assigned regions. The numbers specified in the region list must be between 1 and the value specified in the REGNMAX keyword.
MONITOR	{ JOBNAMES[,T] DSNAME SPACE STATUS }	This is a new command for MFT or MVT systems. JOBNAMES specifies that the name of each job is to be displayed. If T is specified, the time of day will also be displayed. DSNAME specifies that the name of the first non-temporary data set allocated to the volume will be displayed in mount-and keep-type demount messages. SPACE specifies that the available space on a direct access volume will be displayed in demount messages. STATUS specifies that the data set names and volume serial numbers of data sets with the disposition of KEEP, CTALG, or UNCATLG will be displayed when they are free.
	DSNAME	Mount messages for data sets with a disposition of DELETE will not contain the data set name.
	SESS[,T]	This is a new parameter for TSO only and specifies that the user id associated with each time-sharing terminal session is to be displayed.
MOUNT	VOL=AL	This subparameter has been added to this command. AL specifies American National Standard type labels.
RELEASE	TP=stationname	This form of the RELEASE command is used with TCAM to release an intercepted station so that messages can be transmitted to that station.
RESET		If you try to reset the priority of a job that is executing, only the priority of the system output for that job will be reset.
SEND	{ 'text'[,USER=(userid)] [.LOGON] msgno[,LIST] LIST }	This new command is used for TSO to communicate with terminal users and modify the SYS1.BROADCAST data set. text is the message that is to be sent. USER=userid specifies the terminal users to receive the message. LOGON specifies that a message is to be sent to the users currently logged on the system or when a user logs on. msgno specifies a message number in the SYS1.BROADCAST data set. LIST specifies that all messages in the notice section of the SYS1.BROADCAST data set are to be listed on the console.
SET		For System/370 systems, the SET command is entered as text in a REPLY command.

Command	Parameter	Comments
START	procname [.identifier]	You can use this command to start a cataloged procedure from SYS1.PROCLIB or a job in the input stream. This form of the START command is used to start TCAM operation. procname specifies the name of the cataloged procedure. identifier specifies the name for the TCAM task.
	parmvalue	A series of values have been added to support TSO. (See the <u>Job Control Language Reference</u> for a detailed description.)
	TSCREGSZ=nnnnnK TERMAX=nnnn REGNMAX=nn MAP=nn DSPCH=cccccc	These parameters have been added to the START command to support TSO only. TSCREGSZ=nnnnnK specifies the amount of main storage to be allocated to the time sharing control task region. nnnnn is the number of contiguous 1024-byte areas to be allocated and can be any number from zero to 16382. If this parameter is not included, the size specified in PARMLIB is used. TERMAX=nnnn specifies the maximum number of terminals the installation to be supported. REGNMAX=nn specifies the maximum number of TSO regions and can be any number between 1 and 14. MAP=nn specifies the number of entries in the user main storage map. DSPCH=cccccc specifies the first six characters in the name of the time sharing driver. This parameter defines the name that will be used for all four driver modules. Two numbers will be added to ccccc by the system: 00, 01, 02, and 03. If this parameter is not specified, IKJEAD will be used.
STOP		This command can be used in an MFT or MVT system to stop processing or a continual display.
	INIT.Pn	A new parameter has been added that can be used in an MFT system. INIT specifies that the initiator is to be stopped; n specifies the partition number in which the initiator is running.
VARY		In a system that has MCS, when a secondary console must be bypassed and this command is used, the functions of the bypassed console are not assigned to another console. However, any messages that would be routed to the bypassed console will be routed to the master console.
	$\left\{ \begin{array}{l} \text{lineaddress, } \left\{ \begin{array}{l} \text{ONTP} \\ \text{OFFTP,C} \\ \text{OFFTP,I} \end{array} \right\} \\ \text{stationname, } \left\{ \begin{array}{l} \text{ONTP,B} \\ \text{ONTP,E} \\ \text{OFFTP,B} \\ \text{OFFTP,E} \end{array} \right\} \end{array} \right\}$	You cannot move a volume or remove it from the system with this command if it had been reserved by a PRESRES entry or a user-issued MOUNT command. A reserved volume can only be moved or removed by issuing an UNLOAD command. This form of the VARY command is used for TCAM to activate and deactivate lines and stations. lineaddress specifies the address of the line or line group. ONTP specifies restart or start initially; OFFTP,C stop transmission immediately or C stop transmission after current messages are completed. stationname specifies the name of the station. ONTP,B specifies to start, enter, and accept; E specifies to start and enter only. OFFTP,B specifies enter and accept; E specifies to start and enter only. OFFTP,B specifies stop entering and accepting; E specifies stop entering only.

SECTION 1: APAR LISTS

The purpose of the APAR lists is to inform the user of the maintenance status of the operating system. The purpose of maintenance prose is to inform the user of the maintenance status of OS/360.

Two tables are provided -- APARs fixed in this release, and APARs fixed in previous releases but perhaps not identified in the maintenance prose provided for each release. A detailed problem description of each APAR included in the two categories is provided in sequence by APAR number.

APARs CORRECTED IN RELEASE 20

MAINTENANCE INFORMATION -- RELEASE 20.6

The following list contains the APARs fixed in this release.

OS26272	OS33012	OS33533	OS33712	OS34016	OS35195	OS35821	OS42328	OS42336	OS42337	OS42338	OS42339	OS42348	OS42361
OS35830	OS35953	OS36373	OS36405	OS36514	OS36740	OS36854	OS42362	OS42363	OS42367	OS42368	OS42369	OS42370	OS42371
OS36863	OS36904	OS36938	OS36962	OS37184	OS37193	OS37239	OS42372	OS42373	OS42374	OS42375	OS42377	OS42378	OS42379
OS37277	OS37507	OS37512	OS37631	OS37822	OS37870	OS38088	OS42380	OS42382	OS42388	OS42395	OS42396	OS42404	OS42425
OS38121	OS38136	OS38142	OS38173	OS38178	OS38179	OS38183	OS42430	OS42445	OS42468	OS42478	OS42497	OS42498	OS42499
OS38239	OS38259	OS38439	OS38466	OS38478	OS38500	OS38521	OS42500	OS42504	OS42594	OS42613	OS42619	OS42620	OS42698
OS38607	OS38630	OS38636	OS38666	OS38841	OS38916	OS39026	OS42707	OS42720	OS42796	OS42810	OS42819	OS42820	OS42821
OS39059	OS39071	OS39153	OS39245	OS39292	OS39436	OS39467	OS42828	OS42830	OS42831	OS42835	OS42839	OS42840	OS42847
OS39477	OS39511	OS39526	OS39567	OS39706	OS39749	OS39782	OS42852	OS42854	OS42855	OS42856	OS42857	OS42861	OS42862
OS39784	OS39789	OS40005	OS40020	OS40034	OS40071	OS40074	OS42863	OS42864	OS42865	OS42866	OS42867	OS42868	OS42869
OS40098	OS40099	OS40104	OS40122	OS40131	OS40134	OS40257	OS42871	OS42872	OS42892	OS42893	OS42894	OS42895	OS42896
OS40267	OS40382	OS40437	OS40449	OS40455	OS40479	OS40481	OS42897	OS42898	OS42903	OS42905	OS42906	OS42907	OS42909
OS40482	OS40531	OS40538	OS40552	OS40641	OS40678	OS40709	OS42911	OS42941	OS42942	OS42943	OS42944	OS42945	OS42946
OS40722	OS40756	OS40762	OS40789	OS40802	OS40826	OS40851	OS42947	OS42948	OS42949	OS42950	OS42951	OS42952	OS42953
OS40890	OS40906	OS40924	OS40940	OS40953	OS40960	OS40973	OS42955	OS42957	OS42958	OS42959	OS42960	OS42961	OS42962
OS40974	OS40990	OS41031	OS41032	OS41033	OS41035	OS41038	OS42963	OS42972	OS42973	OS42984	OS43003	OS43010	OS43019
OS41049	OS41067	OS41107	OS41130	OS41152	OS41170	OS41171	OS43044	OS43049	OS43057	OS43123	OS43146	OS43147	OS43163
OS41219	OS41224	OS41238	OS41406	OS41413	OS41472	OS41571	OS43164	OS43165	OS43166	OS43168	OS43177	OS43208	OS43249
OS41640	OS41651	OS41660	OS41662	OS41708	OS41722	OS41733	OS43285	OS43313	OS43334	OS43504	OS43543	OS43544	OS43566
OS41780	OS41787	OS41792	OS41824	OS41867	OS41868	OS41878	OS43685	OS43687	OS43688	OS43695	OS43723	OS43724	OS43725
OS41884	OS41912	OS41922	OS41929	OS41944	OS41948	OS41949	OS43726	OS43831	OS43833	OS44019	OS44022	OS44408	OS44497
OS41952	OS41957	OS41993	OS41996	OS42109	OS42162	OS42193	OS44610	OS44885	OS44897	OS45519	OS45528	OS46037	OS46410
OS42200	OS42208	OS42274	OS42281	OS42287	OS42299	OS42310							

TOTAL NUMBER OF APARS INCLUDED - 315

*
OS26272 360SC2505 MODULE - IEAIP100
IN LARGE SYSTEM THE NUCLEUS, SQA, AND NIP CANNOT FIT IN
256K AS REQUIRED BY IPL. THEREFORE THE SYSTEM WILL NOT IPL

*
OS33012 360SAS037 MODULE - IEUF7I IEUFI IEUED
ABEND B37 OR D37 DUE TO UNBLOCKED SYSPPRINT DATA SET
EVEN IF BLKSIZE SPECIFIED IN DCB AT ASSEMBLY TIME.

*
OS33533 360SIO526 MODULE - IGG019GV IGG019GW IGG019GX
IGG019GZ IGG019IX IGG019IY IGG019IZ
301 ABEND DURING MULTI-WAIT EVENT. RUNNING ON MP65.

*
OS33712 360SC5505 MODULE - IEFYNIMP
AFTER A JOB IS RESTARTED, A WTP MESSAGES APPEARS IN
SYSOUT TWICE.

*
OS34016 360SD2508 MODULE - IGG019CF
USING VBA, PROGRAM ABENDS WITH 001 ON
LAST RECORD OF LAST BLOCK WHERE NO DATA
IN RECORD, BUT CONTROL CHARACTER SPECIFIED.

*
OS35195 360SC3505 MODULE - IGE0000G IGE0001C IGE0525F
SDR NOT RECORDING UCS PARITY EHRCR NOR
2540 UNUSUAL END SEQUENCE.

*
OS35821 360SD7508 MODULE - IGCOW05B
BDAM READ-EXCLUSIVE LIST IS OBTAINED IN
SQS. THE LIST IS NOT SAVED BY CKPT, AND
NEW SQS IS NOT OBTAINED FOR IT BY RESTART,
AND THE DCB IS ALSO NOT UPDATED WITH A NEW
LIST POINTER BY RESTART.

*
OS35830 360SCC535 MODULE - IGE0100I
MODULE IGE0100I (RELEASE 19) BUILDS THREE MESSAGES
WHICH ARE OF THE FORM IEA000I. THESE MESSAGES
ARE TO USE ROUTING CODES OF 3,10,11, AND
DESCRIPTOR CODE OF 4. DUE TO INCORRECT SPECIFICATION
OF THESE TWO CODES IN IGE0100I, ROUTING CODE IS
IGNORED AND INCORRECT USAGE OF DESCRIPTOR CODE MAKES
RESULTS UNPREDICTABLE.

*
OS35953 360SD1508 MODULE - IGC0002C
UNPREDICTABLE RESULTS MAY OCCUR IF AN
INVALID TCLOSE IS ISSUED FOR A PARTITIONED
DATA SET.

*
OS36373 360SIO526 MODULE - IGG01924 IGG019HB
EITHER A SYSTEM OC5 OR OC6 CAN OCCUR USING QISAM IF THE
LAST BLOCKS OF THE FILE CONTAINS NO RECORDS.

*
OS36405 360SD1508 MODULE - IGG0200H
THE MODULE IS FOULING THE SPACE FOR AN IRB WITHOU
TESTING TO SEE IF THE IRB IS ACTIVE. THE FREED CORE
COULD GET ALLOCATED TO ANOTHER RB AND A RB CHAIN LOOP
WOULD RESULT.

*
OS36514 360SC3505 MODULE - IECIOS
CHANNEL STATUS ERRORS, WHEN STORED INTO THE CSW BY A
PCI INTERRUPT, IS TREATED AS ENDING STATUS BY IOS
CAUSING UNPREDICTABLE RESULTS WHEN THE TRUE ENDING
STATUS INTERRUPT IS RECEIVED.

*
OS36740 360SD1508 MODULE - IGG0190W
THE MODULE ISSUES AN ABEND WITH A DUMP
STEP OPERAND.

*
OS36854 360SD1508 MODULE - IGG0552W
USER MAY SCRATCH OR RENAME A SECURITY
PROTECTED DATA SET USING A READ ONLY PASS
WORD.

*

OS36863 360SD1508 MODULE - IGG0550A

EOV MODULE, IGG0550A, ABENDS WITHOUT TURNING OFF DCBOFLGS BIT 7, THEREBY PREVENTING THE CLCSING OF THE DCB.

*

OS36904 360SD1508 MODULE - IGG0550H

FOR MULTI-VOLUME, MULTI-UNIT OUTPUT TAPE DATA SETS, THERE IS NO LOOK-AHEAD-MOUNT PERFORMED FOR NON SPECIFIC VOLUME REQUESTS.

*

OS36938 360SNL511 MODULE - IEMFB

WHEN A PROGRAM CONTAINS MANY USES OF SIMILAR STRING CONSTANTS, THE COMPILER MAY WRONGLY DECIDE THAT STRINGS WHICH MEET ALL THE FOLLOWING CONDITIONS ARE THE SAME -

1. THE STRINGS ARE THE SAME LENGTH, WITH ECD LONGER THAN 256 BYTES.

2. THEY HAVE IDENTICAL BCD OVER THE FIRST 256 CHARACTERS.
3. THEY HAVE THE SAME HASH VALUE - SEE Y28-6800-4 PAGE 31. 4.

THEY APPEAR IN EXPRESSIONS OR ASSIGNMENTS.

*

OS36962 360SNL511 MODULE - IEMNJ IEMNK

SEVERE ERROR MESSAGE IEM2707I MAY BE GENERATED WHEN A READ STATEMENT, NESTED INSIDE A DO LOOP, HAS THE KEY TO OPTION REFERRING TO AN ARRAY ELEMENT.

*

OS371E4 360SIO526 MODULE - IGG019GH IGG019G5 IGG019G6 IGG019G7

SPECIFYING 'S' FOR AREA ADDRESS WITH WKN CAUSES LOW CORE TO BE OVERLAID.

*

OS37193 360SD1508 MODULE - IGG0200Z

OC5 ABEND OCCURS IN MODULE IGG0200J IF THE PROELEM PROGRAM ABNORMALLY TERMINATES WITH AN OPEN ISAM DATA SET. MODULE IGG0200Z INCORRECTLY OVERLAYS THE FIRST WORD OF THE ISAM SECTION OF THE DEB WHEN ISSUING A PURGE.

*

OS37239 360SD4508 MODULE - IGG0325Z

IF A DOC PACK HAS A VTOC BEGINNING ON TRACK 0, THE DOS-TO-OS VTOC CONVERSION ROUTINE DOES NOT CORRECTLY CONVERT THE VTOC.

*

OS37277 360SC5505 MODULE - IEFXCSSS IEFWA000

A BIT IS BEING TURNED ON IN THE SUB-UCB THAT PREVENTS ONE FROM VARYING THE BIN OFFLINE.

*

OS37507 360SD2508 MODULE - ADD MODU DELETE M IGG0191E

FOR DATA SETS WITH 1 ICB, THE IOB UNRELATED FLAG IS NOT BEING TURNED ON.

*

OS37512 360SD2508 MODULE - IGG019AJ IGG019FJ IGG019BP

WHEN PUT-LOCATE MODE IS BEING USED TO PROCESS VARIABLE-BLOCKED RECORDS AND THE USER FILLS IN THE DCBLRECL FIELD WITH THE LENGTH OF THE NEXT RECORD BEFORE EACH PUT, AN 001 ABEND MAY OCCUR. THIS WILL HAPPEN IF THE RECORD FOLLOWING ONE WHICH THE PUT ROUTINE REJECTS - PUT REJECTS RECORDS WITH INVALID RDW'S - IS LONGER THAN THE REMAINING AREA IN THE BUFFER. THIS OCCURS BECAUSE THERE IS NO LENGTH CHECKING WHEN A RECORD WITH AN INVALID RDW IS REJECTED.

*

OS37631 360SC5505 MODULE - IEFZGST2

OC6 PROGRAM CHECK IN TTR CONVERT ROUTINE, CAUSED BY BAD TTR PASSED FROM IEFQMRW. MODULE IEFZGST2, ON ENTRY FROM IEFZGST1, MAKES AN INCORRECT TEST AND LINKS TO THE QUEUE MANAGER TO READ WHEN A WRITE WAS INTENDED.

*

OS37822 360SD1508 MODULE - IGG0199I

A 113 ABEND OCCURS WHEN ATTEMPTING TO EXTEND A DIRECT ACCESS DATA SET THAT OCCUPIES AT LEAST 20 VOLUMES AND WHERE MORE VOLUME SERIAL NUMBERS ARE SPECIFIED THAN VOLUMES OF DATA WRITTEN. WHEN THE 20TH VOLUME IS REACHED IN THE FORWARD SEARCH FOR THE LAST VOLUME OF THE DATA SET, IGG0199I INCORRECTLY ATTEMPTS TO READ IN THE 2ND JFCB EXTENSION TO FIND THE 20TH VOLUME SERIAL NUMBER. THE 113 ABEND OCCURS WHEN TRYING TO READ IN THE 2ND JFCB EXTENSION BECAUSE THE 1ST JFCB EXTENSION IS OVERLAPPED BY THE VOLUME 19 DSCB SO THE PTR OF THE NEXT EXTENSION IS INVALID.

*

OS37870 360SD1508 MODULE - IGG0550U IGG0550V IGG0550Y

WHEN END OF VOLUME IS REACHED ON DIRECT ACCESS OUTPUT, THE DS1STAR FIELD (TTRLL) IN THE FORMAT 1 DSCB IS NOT BEING ZEROED OUT EXCEPT WITH DISPOSITION OF OLD.

*

OS38088 360SC5505 MODULE - IEFWA000

SPLIT CYLINDER REQUEST SPECIFIES MORE THAN ONE UNIT CAUSES LOOP IN IEFWA000.

*

OS38121 360SD1508 MODULE - IGG0559E

WHEN CREATING A MULTI-VOLUME DATA SET AT 1600BPI ON A DUAL DENSITY UNIT, THE DENSITY FIELD IN THE EO2 LABEL WILL INDICATE THAT THE TAPE WAS WRITTEN AT 800BPI INSTEAD OF 1600BPI.

*

OS38136 360SD1508 MODULE - IGG0550G

IF THE OPERATOR REPLIES 'M' TO A IEC007D MESSAGE, THE SYSTEM RESPONDS WITH A IEC002E K MESSAGE.

*

OS38142 360SD1508 MODULE - DCB

IF BUFNO, IRECL OR BUFL ARE OMITTED FROM THE DCB MACRO FOR A MICR ICE, DEFAULT VALUES ARE ASSEMBLED INTO THE CONTROL BLOCK. THIS PROHIBITS SPECIFICATION OF INFORMATION VIA ED CARDS.

*

OS38173 360SNL511 MODULE - IEMGP IEMHK

IEM1057 AND IEM1602 ARE PRODUCED INCORRECTLY WHEN AN ARRAY CROSS-SECTION APPEARS AS ARGUMENT TO THE BINARY BUILT-IN FUNCTION, AND THAT FUNCTION IS NESTED WITHIN THE BIT BUILT-IN FUNCTION. POSSIBLY ALSO WITH FIXED, FLOAT, CHAR, DEC AND PRECISION FUNCTIONS, AND POSSIBLY OTHERS.

*

OS38178 360SNL511 MODULE - IEMRA

BAD CODE WITH OPT EQUALS 2 WHEN ELEMENTS OF AN AGGREGATE WHICH ARE MORE THAN 4K FROM THE VIRTUAL ORIGIN OF THE AGGREGATE ARE ASSIGNED TO ITEMS WHICH ARE MORE THAN 4K FROM THE BEGINNING OF THEIR STORAGE AREA.

*

OS38179 360SNL511 MODULE - IEMCO

LOOPING IN PHASE IEMUA OR OTHER RANDCM ERRORS MAY OCCUR WHEN PART OF A DECLARE OR ALLOCATE STATEMENT WHICH CROSSES A TEXT BLOCK BOUNDARY IS DELETED BECAUSE OF ERRONEOUS SOURCE CODE.

*

OS38183 360SNL511 MODULE - IEMHK

IEM3852 OR IEM1028 FOLLOWING IEM0865 WHEN STRING BUILT-IN FUNCTION IS FIRST ARGUMENT OF SUBSTR BUILT-IN FUNCTION. IEM0865 IS UNEXPECTED, SINCE THE STATEMENT DOES NOT APPEAR TO BE TOO LONG.

*

OS38239 360SNL511 MODULE - IEMMK

INCORRECT RESULTS ARE RETURNED BY THE DIM BUILT-IN-FUNCTION WHEN ITS FIRST ARGUMENT IS AN ARRAY OF EVENT VARIABLES WITH ADJUSTABLE DIMENSIONS.

*

OS38259 360SNL511 MODULE - IEMPT

INCORRECT RESULTS MAY BE OBTAINED WHEN A STRUCTURE WITH THE DEFINED ATTRIBUTE CONTAINS AN ARRAY OF UNALIGNED BIT STRINGS IF THE VIRTUAL ORIGIN IS NOT ON A BYTE BOUNDARY, REFERENCES WILL PICK UP THE WRCNG ELEMENTS.

*

OS38439 360SC5535 MODULE - IEFVHA

A PROGRAM CHECK OCCURS DURING THE READER'S PROCESSING AFTER AN I/O ERROR IS DETECTED ON THE INPUT DEVICE.

*

OS38466 360SC5505 MODULE - IEFVJIMP IEFVKIMP

MODULES IEFVKIMP AND IEFVJIMP SET A BIT IN THE SYSOUT MESSAGE CLASS QMPA SO THAT THE RJE SYSOUT WRITER CAN INDICATE THAT THE JOB OR STEP DID NOT RUN BECAUSE OF CONDITION CODES. THE BIT IS BEING SET IN THE WRONG QMPA.

*

OS38478 360SCG505 MODULE - IHJACP30

IN REFRENCING THE CVT DSECT, IT IS ASSUMED THAT THE ASSOCIATED REGISTER IS LOADED WITH THE CVT POINTER, WHICH IS NOT TRUE.

*

OS38500 360SD1508 MODULE - **NONE**

WHEN CREATING A NEW DATA SET ON A TAPE WHICH CONTAINS AN UNEXPIRED DATA SET, THE DSNAME FIELD OF MESSAGE IEC107D MAY CONTAIN A MODULE NAME (IGG0552H)

*

OS38521 360SIO526 MODULE - IGG019I2

OC1 OR OC6 ABEND IN CLOSE OF QISAM LOAD DATA SET ON 2301 WITH FULL TRACK INDEX WRITE OPTION SPECIFIED (OPTCD=U).

*

OS38607 360SDN539 MODULE - IGC308E

ENQ'D WAIT STATE ON Q4. ALLCCATION WAITING TO BE PSOTED COMPLETE.

*

OS38630 360SD1508 MODULE - IGG0200J

MODULE IGG0200J USES REGISTER 1, WHICH POINTS TO THE DEB, INSTEAD OF REGISTER 10 TO FIND THE SUB-VEB FOR A DATA CELL. SMF RECORDS 14 AND 15 HAVE AN INCORRECT VOLID FOR LATA SETS ON 2321 DATA CELL.

*

OS38636 360SC5505 MODULE - IEESMFOF

SMF PROGRAM CHECKS IN FALSE BOV EXIT BECAUSE DCB EXIT LIST PTR. IS NOT CLEARED AFTER RBJFCB BY IEESMFOF

*

OS38666 360SC5505 MODULE - IEFVRR2

AFTER AUTOMATIC RESTART SECOND AND THIRD VOLUMES OF THREE VOLUME TEMPORARY DATA SET ARE LOST BY THE SYSTEM.

*

OS38841 360SD4508 MODULE - IGG0290E

ERROR MESSAGE IEH204I OR IEH211I FROM IEHPROGM WHEN TRYING TO SCRATCH A VTOC OR A DATA SET FROM A 2321 WHEN THE MAIN UCB IS OFFLINE BUT THE BIN ON WHICH THE DATA SET CR VTOC RESIDES.

*

OS38916 360SIO523 MODULE - IFFCAN01

BUFFER SPACE NOT RETURNED AFTER CANCEL KEY WITH RESUME OPTION.

*

OS39026 360SC5505 MODULE - IEFZGST1

INITIATOR ABENDS OF OC5 OF 400 MAY RESULT WHEN AN INVALID TTR IS PASSED FROM IEFZGST1.

*

OS39059 360SC5505 MODULE - IEFXT002

MSG. IEF238A HAS NO ROUTE CODE MOVED INTO MODULE IEFXT002 FROM MESSAGE MODULE.

*

OS39071 360SDM509 MODULE - IGG019KM IGG019LG

(OCCURS IN CICS ENVIRONMENT WITH PULL ROE CHAIN) 301 AND 202 ABENDS (IN WAIT AND POST) RESULT BECAUSE 19KM AND 19LG BORROW USER'S ECB, SAVING ITS CONTENTS, TO ISSUE EXCP. CONTROL IS LOST AND THE ECB, WHICH IS ON AN ECB LIST IS WAITED UPON OR POSTED, CHANGING ECB CONTENTS. AFTER EXCP 19KM AND 19LG REGAIN CONTROL AND RESTORE ORIGINAL ECB CONTENTS, SINCE CHANGED.

* OS39153 360SD1508 MODULE - IGG0200I IGG0200J

IF AN EXCP DCB IS CLOSED WITHOUT DEVD HAVING BEEN SPECIFIED IN THE EXPANSION OF THE DCB MACRO, AND SMF IS IN THE SYSTEM, SMF CISCSE MODULES IGG0200I AND IGG0200J MAKE TESTS ON DCE FIELDS WHICH ARE NOT PRESENT RESULTING IN UNPREDICTABLE RESULTS SUCH AS PROGRAM CHECKS AND INVALID DATA IN SMF RECORDS 14 AND 15.

* OS39245 360SD1508 MODULE - IGG0200F

A 400 ABEND BECAUSE OF AN INCORRECT UCB ADDRESS IN THE CLOSE WORK AREA IQB.

* OS39292 360SD1508 MODULE - IGG0200F IGG020P1 IGG020P2
IGG020D1 IGG020P3

IF THE JCL FOR A DATA SET SPECIFIES RLSE IN THE SPACE PARAMETER AND LABEL = (,SUL), THE STANDARD USER TRAILER LABEL WILL NOT BE WRITTEN.

* OS39436 360SC5505 MODULE - IEFDEFIN9

1. LOOP IN DISPATCHER DUE TO SUBTASK TCBS OF TIME SLICED PARTITIONS NOT HANDLED PROPERLY BY DEFINE.
2. SUBTASK OF TIME SLICED PARTITION NOT TIME SLICED AFTER RE-DEFINITION.

* OS39467 360SD1508 MODULE - IGG0199T IGG0559P

ROUTING CODES FOR MESSAGES IEC114E AND IEC704A ARE INCORRECT

* OS39477 360SC5505 MODULE - IEFX5Q00

SEQUENTIAL NON-SPECIFIC TAPE REQUESTS ARE ALLOCATED TO THE SAME DEVICE, OR AN OC5 ABEND OCCURS IN IEFX300A, OR DEVICE ADDR 000 IS ALLOCATED TO A REQUEST INVALIDLY.

* OS39511 360SD2508 MODULE - IGC0005E IGG0552F

IEC020I MESSAGE INCOMPLETE FOR HIGH LEVEL LANGUAGE PROGRAMMERS.

* OS39526 360SC5505 MODULE - IEFVFA

DSNAME PARAMETER ACCEPTS AND RECOGNIZES A SYMBOLIC IN A LITERAL. LITERALS SHOULD NOT SCAN FOR SYMBOLICS. (EXCEPTION - PARM PARAMETER AS SHOWN IN JCL USER'S GUIDE AND JCL REFERENCE MANUAL).

* OS39567 360SAS037 MODULE - IEUF7I IEUFI IEUFD

B37 ABEND DUE TO USERSPECIFIED BLOCKSIZE FOR SYSPRINT NOT ACCEPTED.

* OS39706 360SDN527 MODULE - IFBSR040 IFBSR050 IFBSR065
IFBSR075 IFBSR140 IFBSR150 IFBSR165
IFBSR175 IFBSR340 IFBSR395 IFBSR350
IFBSR3A5 IFBSR365 IFBSR375

UNPREDICTABLE RESULTS - USUALLY THE CONSOLE ADDRESS IS WRONG WHEN OBTAINED VIA UCM.

* OS39749 360SD1508 MODULE - IGG0559I

OC5 ABEND OCCURS FOR DIRECT ACC3SS INPUT IN MODULE IGG0552J.

* OS39782 360SD2508 MODULE - IGG0191N

AN ISAM DATA SET THAT IS OPENED FOR EXCP GETS A BAD DEE-THE 4TH EXTENT WILL BE ALL ZERO'S-IN ADDITION, NO ISAM SECTION WILL BE BUILT.

* OS39784 360SD1508 MODULE - IGG0199C

WHEN OPENING A TAPE DATA SET WITH THE SAME VOLUME SERIAL NUMBER AS A PREVIOUSLY MOUNTED SL TAPE (UNIT=AF) AND WITH LABEL=(,NL) SPECIFIED, THE SL TAPE IS LEFT MOUNTED. THIS PROBLEM MAY OCCUR FREQUENTLY WHEN THE ASP SETUP CARD SPECIFIES SL WHILE THE REFERENCED DL CARD SPECIFIES NL.

* OS39789 360SD1508 MODULE - IGG0200F

INACCURATE FORMAT 5 DSCB RESULTS WHEN SPECIFYING THE RLSE PARAMETER WITH SPLIT CYLINDER DATA SETS.

* OS40005 360SC5505 MODULE - IEFZGST1

ON A WARM START , NEW DATA SETS ON A DATACELL WILL NOT BE SCRATCHED.

* OS40020 360SC5505 MODULE - IEFVHG

DEFERRED STEP RESTART, WHEN FLUSHING STEP, FLUSHES JOBSTREAM TO /* WHEN SYSIN DD * IS ENCOUNTERED.

* OS40034 360SC5505 MODULE - IEFVHCB

USING EXCESS OF EIGHT CHARACTER STEPNAME ON AN OVERRIDE DD STATEMENT, NO ERROR MSG IS ISSUED AND CARD IS ADDED TO FIRST STEP OF A PROCEDURE

* OS40071 360SLM512 MODULE - IHEITGA IHEITLA

IF OUTPUT TRANSMIT HAS BEEN RAISED FOR A WRITE OPERATION ON A QSAM FILE TO A DEVICE OTHER THAN A PRINTER, A FURTHER ATTEMPT TO WRITE TO THAT FILE RESULTS IN A USER 4000 ABEND FOR SPANNED OR UNSPANNED FILES, OR POSSIBLY A BAD MESSAGE FOR SPANNED FILES.

* OS40074 360SLM512 MODULE - IHEDIM

INCORRECT RESULTS MAY OCCUR WHEN PROCESSING A GET EDIT OF AN INVALID COMPLEX DATA ITEM, AFTER NORMAL RETURN FROM A CONVERSION ON-UNIT. RETRYING THE STATEMENT MAY CAUSE CONVERSION TO BE RAISED AGAIN INCORRECTLY OR THE ENDFILE CONDITIN.

* OS40098 360SNL511 MODULE - IEMAG

IEM0099I MAY BE RAISED AFTER COMPILING WITH THE MACRO OR CHAR48 OPTION WHEN SIZE IS GREATER THAN 56K AND THE SYSUT3 BLKSIZE, AS SPECIFIED ON THE DD STATEMENT IS NOT A MULTIPLE OF 160. THIS IS BECAUSE THE COMPILER USES A BLOCKSIZE OF 160 WHILE WRITING TO SYSUT3, BUT USES THE DD BLKSIZE TO READ FROM SYSUT3.

* OS40099 360SNL511 MODULE - IEMMB

SEVERE ERROR DIAGNOSTICS IEM1619 AND IEM2705 WITH OPT=1 WHEN USING THE STRING PSEUDO VARIABLE TO ASSIGN FROM MORE THAN TWO CONCATENATED ITEMS. THESE DIAGNOSTICS ARE CAUSED BY INCORRECT HANDLING OF A DICTIONARY ITEM IN PHASE IEMMB.

* OS40104 360SLM512 MODULE - IHEOPOA IHEOPPA IHEOPQA

ABEND USER 4000 OCCURS WHEN OPENING SYSPRINT USING REL 19.6, 20.0 OR 20.1 PL/1 F WITH THE SHARED LIBRARY FEATURE OPERATIVE.

* OS40122 360SLM512 MODULE - IHEITLA

SYSTEM ABEND 001 INSTEAD OF PL/1 TRANSMIT CONDITION WHEN PERMANENT I/O ERROR OCCURS FOR CONSECUTIVE SPANNED OUTPUT FILE TO A DEVICE OTHER THAN A PRINTER.

* OS40131 360SNL511 MODULE - IEMEX IEMEY

NO ERROR MESSAGE IS ISSUED WHEN A PARAMETER IS EXPLICITLY DECLARED BY ITS APPEARANCE IN A PARAMETER LIST AND HAS DEFAULT ARITHMETIC ATTRIBUTES, BUT IS USED INCORRECTLY AS A POINTER QUALIFIER.

* OS40134 360SNL511 MODULE - IEMOS IEMOU

IEM3856 CHECK TYPE 4 IN PHASE IEMOS WHEN A STATEMENT ASSIGNS A CONSTANT ZERO TO A NUMERIC FIELD WITH A V AND AN INSERTION CHARACTER, AND THE FIELD IS TO BE ALL BLANK OR ALL * WHEN ZERO.

* OS40257 360SC5535 MODULE - IEFVMB

WHEN ADDING STATEMENTS TO A PROC AND THE DD NAME IS BLANK, IEFVMB PROCESSING CONCLUDES IN A 0C5.

* OS40267 360SCC505 MODULE - IGE0100I

MESSAGE IEA000I ISSUED BY IGE0100I, IS 73 BYTES, WHICH IS ONE BYTE GREATER THAN THE 72 BYTE LIMIT SET BY STANDARDS.

* OS40382 360SDN539 MODULE - IGC0308E

RB WAIT COUNT NOT DECREMENTED ALTHOUGH WAITING ECB IS MARKED COMPLETE.

*
OS40437 360SD1508 MODULE - IGG0550M IGG0553C
MODULES IGG0550M AND IGG0553C DO NOT CHECK THE DCB FOR
MACRF=(E) AND THEREFORE MAKE TESTS ON INVALID FIELDS IF
EXCP WAS SPECIFIED.

*
OS40449 360SD4508 MODULE - IGG032I7
WHEN ALLOCATING AN ISAM DATA SET USING A NON-SPECIFIC
VOLUME REQUEST AND MORE THAN ONE DD STATEMENT TO
DEFINE THE DATA SET, MESSAGE IRRF257I IS ISSUED IF
SPACE IS NOT AVAILABLE ON THE FIRST VOLUME SEARCHED
FOR SPACE.

*
OS40455 360SD1508 MODULE - IGG0190V
WHEN PROCESSING AN ISAM DATA SET USING UNIT AFFINITY AND
THE NUMBER OF VOLUMES IS GREATER THAN 5, THE SIXTH MOUNT
MESSAGE (IEC101A) WILL BE GARBAGE.

*
OS40479 360SD2508 MODULE - IGG019FG
PROGRAM CHECK WHEN ATTEMPTING TO BRANCH TO SYNAD,
FOLLOWING A LENGTH ERROR USING PUT, DATA MODE,
VARIABLE LENGTH.

*
OS40481 360SD1508 MODULE - IGG0199J
113 ABEND OCCURS WHEN EXTENDING FROM 5TH TO 6TH VOLUME OF
DISP=MOD, 2321 DATA SET. DURING CFEN. ERROR ON READING
THE JFCB EXTENSION.

*
OS40482 360SD1508 MODULE - IGG0199J
113 ABEND OCCURS WHEN EXTENDING FROM 20 TO 21 VOLUMES
ON 2321.

*
OS40531 360SIO526 MODULE - IGG01921
1. ISAM DATA SET REOPENED FOR OUTPUT IN SAME JOB
STEP, RESUME LOAD IS ASSUMED RATHER THAN RELOAD.
2. CLOSE ISSUEP AFTER REOPEN WITH NO RECORDS
WRITTEN, LAST RECORD IS REWRITTEN, IMPLYING
DUPLICATE KEY NOT DETECTED BY CLOSE.

*
OS40538 360SD2508 MODULE - IGG0191P IGG0196P
WRONG MODULES LOADED BY OPEN EXECUTORS
FOR A BSAM UPDATE DATA SET.

*
OS40552 360SD1508 MODULE - IGC00Q1I
A VOLUME SEQUENCE NUMBER OF 1 IS IGNORED BY OPEN IF
DISP=MOD IS SPECIFIED.

*
OS40641 360SLD547 MODULE - IEWLD10C
IF SUBTASK IN MVT (USE R PROGRAM) ABENDS THERE IS NO
INDICATION OF ABNORMAL TERMINATION IF ABEND OR ABDUMP
DD CARD MISSING.

*
OS40678 360SC5535 MODULE - IEFWD000
INVALID MOUNT MESSAGE ON MOUNT TO TAPE VOLUME
IF IT IMMEDIATELY PCLLCWS A MOUNT TO
DATA CELL.

*
OS40709 360SC5505 MODULE - IEE0503D
WHEN RELEASE 20 CODE AIDED TO MODULE, AN INSTRUCTION
WAS DELETED BY MISTAKE.

*
OS40722 360SDN539 MODULE - IGC010BE
MESSAGE IGF502E DOES NOT CONTAIN CORRECT ROUTINE CODE.

*
OS40756 360SIO523 MODULE - IGG0193L
OPEN DOES NOT TEST FOR ZERO UCB POINTER IN DEB.

*
OS40762 360SDN539 MODULE - IGFMCHE0 IECIOS
MULTIPLE BIT ERROR IN CCW SPRING LEADS TO A LOOP IN MCH

* OS40789 360SD1508 MODULE - IGG0550B

IF DCB=OPTCD=B IS CODED, ALLOWING FOR MULTIPLE VOLUMES OF INPUT TAPE, ERROR STATISTICS FOR ALL VOLUMES ARE RECORDED USING THE FIRST VOLUME SERIAL NUMBER. A BRANCH TO THE WRONG LOCATION IS EXECUTED IF OPTCD=B AND THE VOLUME STATISTICS SVC IS BYPASSED.

* OS40802 360SC5505 MODULE - IEESD562 IEEDFINB

AFTER THE MASTER SCHEDULER HAS BEEN REINSTATED BY THE ABEND DAMAGE ASSESSMENT ROUTINES, AND IF AN ENQUEUE HAD BEEN OUTSTANDING AT THE TIME OF THE ABEND, A SUBSEQUENT ENQUEUE ON THAT SAME RESOURCE RESULTS IN ANOTHER ABEND. AS A RESULT, THE MASTER SCHEDULER BECOMES NONDISPATCHABLE WHILE ENQUEUED ON A SYSTEM RESOURCE SUCH AS THE SYSTEM JOBQUEUE.

* OS40826 360SC5505 MODULE - IEEVRC

WAIT STATE AND UNABLE TO START SYSTEM ASSIGNED TASK AFTER MISSPELLING PROCEDURE NAME WHEN STARTING A SYSTEM ASSIGNED TASK.

* OS40851 360SCA505 MODULE - IEC23XXF

SEEK ADDRESS NET IN I/O ERROR MESSAGE WITH DDR IN SYSTEM.

* OS40890 360SC5505 MODULE - IEE3803D IEEPRW12 IEEVMNT1 IEEVSTAR

OPERATOR CANNOT START SYSTEM TASKS IN HIERARCHY CNE.

* OS40906 360SCC505 MODULE - IGE0100I

WHEN THE MESSAGE LEA000I IS GENERATED BY IGE0100I THE JOENAME AT TIMES HAS GARBAGE IN IT.

* OS40924 360SC5505 MODULE - N/A

MSG. LOOP PRINTING IEE360I SMF NOW RECORDING ON XXX.

* OS40940 360SUJ506 MODULE - IPHSTATR

ADDRESSABILITY IS SET UP ON REGISTER 12 BEFORE STORING OF CALLER'S REGISTERS HAVE BEEN SAVED.

* OS40953 360SI0523 MODULE - IGG0193L

LOAD 3 OF GRAPHICS CPEN DOES NOT CHECK FOR DEETYPE QF 2280 OR 2282

* OS40960 360SI0526 MODULE - IGG0202I

TEST FOR FULL TRACK INDEX WRITE FAILED AND ALLOWED REG 10 TO PICK UP BAD CP20 PTR WHICH HAD BEEN OVERLAID AT TIME OF PERM I/O ERROR. BAD REG 10 CAUSES X'03' TO BE STORED IN PSW INSTEAD OF CHANNEL PROGRAM 20.

* OS40973 360SD1508 MODULE - IGG0200I

LOOP OCCURS BETWEEN EOVS MODULE IGG0550F AND SMF RECORD WRITING MODULE IGG0200I BECAUSE IGG0200I DOES NOT LOAD REGISTER 13 WITH THE CHARACTERS '0I' BEFORE XCTLING BACK TO IGG0550F.

* OS40974 360SD1508 MODULE - IGG0200I

OCX ABENDS OCCUR IN IGG0550Z FOR CONCATENATED DATA SETS (INPUT FOR IEBGENER AND SORT/MERGE) BECAUSE SMF MODULE IGG0200I DOES NOT RESTORE A POINTER TO THE DCB IN REGISTER 1 BEFORE XCTLING TO IGG0550Z.

* OS40990 360SD1508 MODULE - IGG0550F IGG0550K

MODULES IGG0550F AND IGG0550K PASS CONTROL TO THE SMF RECORD 14/15 MODULES IGG0200I AND IGG0200J UNDER UNNECESSARY CONDITIONS. IGG0550F DOES NOT CHECK IF THE SYS1.MAN DATA SET IS PRESENT. IGG0550K DOES NOT CHECK FOR A SYSIN/SYSOUT DATA SET.

* OS41031 360SC1548 MODULE - IGG01939

LOGIC IN IGG01939 TO HANDLE INTRC OPERANDS OF DISK=YES AND LINETYP=MINI FAILS TO LOAD TCAM NORMAL END APPENDAGE (LINEEND APPENDAGE - IGG0190). THIS CAUSES LINE INTERRUPTS NOT TO BE PRESENTED TO TCAM FOR HANDLING.

*
OS41032 360SC1548 MODULE - IGG01940
TCAM ABENDS WITH A0A IF LINETYPE=MINI IS CODED ON INTRO
MACRO AND USER OPENS MORE THAN ONE LINE GROUP DCB.
SIXTH LOAD OF LINE GROUP OPEN (IGG01940) AS CODED
IS NOT SERIALLY REUSEABLE IN THAT IT TRIES TO FREE
SAME PORTION OF MAIN STORAGE TWICE. THE SECOND ATTEMPT
PRODUCES THE A0A ABEND.

*
OS41033 360SC1548 MODULE - IGG01930 IGG01931
WHEN TCAM MESSAGE QUEUES RESIDE ON DIFFERENT DISK
TYPES, OPENING THEM IN PARALLEL CAUSES THE SECOND
DATA SET TO GET THE SIZE CHARACTERISTICS OF THE FIRST.

*
OS41035 360SC1548 MODULE - MSGEDIT
THE MSGEDIT MACRO, WHEN CERTAIN OPERANDS ARE CODED,
LOOPS WHILE GENERATING AN ERROR MESSAGE. IT ALSO
CAUSES ALL FOLLOWING MACROS TO GENERATE INCORRECT
OFFSETS INTO THE IEDQMISC CSECT WHEN REMOVE AT OFFSET
OPERANDS ARE SPECIFIED.

*
OS41038 360SC1548 MODULE - IEDQB2
LOG SCHEDULER (IEDQB2) NOT MEETING INTERFACE
NECESSARY TO ENQUEUE LOGGED MESSAGES ON THE
QUEUEING MEDIUM PROPERLY.

*
OS41049 360SED521 MODULE - IEWLMIPT
WHEN THE LINKAGE EDITOR CALCULATES BLOCKSIZE FROM THE
VALUE 2 PARAMETER, PROBLEM OCCURS WHEN VALUE2 IS
NOT A MULTIPLE OF 16.

*
OS41067 360SLD547 MODULE - IEWLDIOC
LOADER ABENDS OCX WHEN PARM FIELD BEGINS WITH A
PARM DELIMITER (COMMA OR EQUAL SIGN).

*
OS41107 360SCQ513 MODULE - SGIHB000
STIMER ISSUED BY LOPEN (CALLED BY IEEC2740) CONFLICTS
WITH 2260 ROLL MODE STIMER IN THE COMMUNICATIONS TASK.

*
OS41130 360SCQ513 MODULE - SGIHB000
MCS OPEN TESTS FIRST BYTE OF DEVICE I/O MODULE
POINTER IN BTAM READ/WRITE ROUTINE FOR ZERO.
SHOULD TEST ENTIRE FULLWORD. IGG019MD, 1050 NONSWITCHED
DEVICE I/O MODULE, HAS FIRST BYTE OF ZERO AND WILL BE
OVERLAID BY MCS DEVICE I/O MODULE, IGG019M0.

*
OS41152 360SC5505 MODULE - IEPZGST1
AN UNNECESSARY KEEP MESSAGE IS ISSUED WITH
A BLANK VOLSER FIELD DURING TERMINATION
OF A STEP CONTAINING A DD FOR A DEFERRED
TAPE.

*
OS41170 360SC5505 MODULE - IEPVFB
IF A SYMBOLIC PRECEDES A LEFT PAREN,
SUCH AS IN DSNAME=AND NAME1 AND NAME2 (ANDNAME3),
A SUBSTITUTION IS NOT MADE FOR THE
SYMBOLIC AND THE PARAMETER
IS FLAGGED AS BEING IN ERROR.

*
OS41171 360SC5505 MODULE - IEE5403D
WTO NOT BEING DISPLAYED ON CONSOLE
BUT ONCE AFTER IPL WHEN USING SAME
BUFFER FOR ALL WTO'S.

*
OS41219 360SCQ519 MODULE - IECKOCTL
WHEN A STARTLN ALL IS ISSUED BY OPERATOR CONTROL,
A PROGRAM CHECK OCCURS IN IECKOCTL.

*
OS41224 360SC6505 MODULE - IEWFTMIN
IEWFTMIN'S END OF EXTENT APPENDAGE SETS THE R OF
CCHHR TO 1. THIS CAUSED THE 1ST RECORD OF THE
EXTENT TO BE SKIPPED AND READ THE 2ND RECORD
INCORRECTLY AS THE 1ST RECORD.

*
OS41238 360SC5505 MODULE - IEFWEXTA
IF A JOB IS CANCELED AFTER A IEF533A MOUNT
MSG IS ISSUED THE JOB CANCELLED MESSAGE
WILL CONTAIN GARBAGE.

* OS41406 360SI0526 MODULE - IGG01922

DS2LOVAD IS INITIALIZED INCCRRRECTLY WHEN AN ISAM DATA SET HAS INDEPENDENT OVERFLOW.

* OS41413 360SD1508 MODULE - IGG0200I

BEFORE BUILDING AN SMF RECORD TYPE 14/15, MODULE IGG0200I READS THE JFCB. FOR AN ISAM DATA SET, THE JFCB FOR THE FIRST DD CARD IS READ. IF THIS IS THE JFCB FOR THE INDEX, THE CORE NEEDED FOR THE SMF RECORD IS COMPUTED FROM THE NUMBER OF VOLUMES IN THE JFCB, WHICH IS ONE. IF THE NUMBER OF PRIME VOLUMES EXCEEDS SIX, THE WTG TABLE IS OVERLAID BY IGG0200J IN 806 ABEND RESULTS WHEN IGG0200J TR-IES TO XCTL.

* OS41472 360SUK506 MODULE - IEHDCELL IBCDASDI

2321 ERROR RETRY REQUIRED ONLY ONE GOOD RETRY IN 113 TO ACCEPT A TRACK AS GOOD.

* OS41571 360SED521 MODULE - IEWLMMAP IEWLMPNL

IF THE SYSLMOD DD STATEMENT SPECIFIES A DIFFERENT MEMBER NAME FROM THAT ON THE NAME CONTROL STATEMENT, AND XREF IS SPECIFIED, AND THE LINKAGE EDITOR INPUT IS LARGE ENOUGH THAT DURING FINAL PROCESSING, IN ORDER TO PRODUCE THE CRCSS-REFERENCE TABLE, RLI RECORDS MUST BE READ BACK FROM SYSLMOD, A 013 ABEND OCCURS IN MODULE IEWLMMAP WHEN TRYING TO OPEN SYSLMOD.

* OS41640 360SD3554 MODULE - IMASPZAP

IF THE SYSLIB DATASET FOR IMASPZAP HAS A BLKSIZE GREATER THAN 32500 BYTES, AND A VERY SMALL RECORD IS READ TO BE DUMPED, THE DUMP MAY ALSO CONTAIN PART OF PRECEDING RECORDS.

* OS41651 360SD1508 MODULE - IGG0200C

INVALID TAPE VOLUME STATISTIC TAKEN WITH SVC 91 AT CLOSE.

* OS41660 360SC9505 MODULE - CTRLPROG

CODE DOES NOT CHECK FOR SYSQUE PARAMETER OF CTRLPROG MACRO BEING SPECIFIED IN MULTIPLES OF 8.

* OS41662 360SD1508 MODULE - IGG0200B IGG0550C IGG0550E IGG0550G

FOR DATA SET NAMES OF GREATER THAN 17 CHARACTERS WITH EMBEDDED BLANKS:

1. CLOSE INCORRECTLY BUILDS THE DSNAME FIELD IN THE TRAILER LABEL FOR OUTPUT DATASETS.
2. AT EOVS FOR OUTPUT DATASETS, THE DSNAME FIELDS IN THE TRAILER LABEL OF THE VOLUME AT EOVS AND THE HEADER LABEL OF THE NEXT VOLUME TO BE USED WILL BE INCORRECTLY BUILT.
3. AT EOVS FOR INPUT DATASETS, DSNAME VERIFICATION IN THE HEADER LABEL OF THE NEXT VOLUME TO BE USED IS INCORRECTLY DONE CAUSING A 237 ABEND.

* OS41708 360SDN539 MODULE - IGC0108E

MODULE IGC0108E WILL MARK LOCATION ECB COMPLETE WITHOUT DECREMENTING THE RE WAIT COUNT THEREBY CAUSING ALLOCATION TO WAIT.

* OS41722 360SC5505 MODULE - IEFVEA

THE MASTER SCHEDULER ABENDS WITH AN 80A WHEN EXPRESS CANCEL (IEESD575) TRIES TO CANCEL A JOB FROM THE HOLD QUEUE. THE SCT FOR ONE OF THE JOB STEPS HAS THE SYSIN BIT ON ERRONIOUSLY.

* OS41733 360SDN539 MODULE - IGE0660A

DDR FAILS TO INITIATE A SWAP FOR A SEEK CHECK ON A 2314. I/C ERROR IS POSTED AS PERMANENT.

* OS41780 360SU3506 MODULE - IEBCOPY IGG019C8

IF A SUPERZAP MUST BE APPLIED IN THE PATCH AREA FOR ANY OF THE LOAD MODULES OF IEBCOPY, THIS PATCH AREA IS NOT ALWAYS ACCESSABLE DUE TO STORAGE DEFINITION WITH DS STATEMENTS.

*
OS41787 360SU1506 MODULE - IEHMVESQ

THE VOLUME LIST ADDRESS IN THE PARM.LIST TO THE SCRATCHMACRO HAS A MCN-ZER HIGHORDER BYTE. THIS CAUSES THE VALIDITY CHECKING ROUTINE TO REJECT THE ADDRESS FOR IGC0002I.

*
OS41792 360SU1506 MODULE - CHANGE APPLICAB

D37 ABEND DURING COPY OF A DATASET WITH BIKSIZE GREATER THAN TRACKCAPACITY MINUS OVERHEAD AND SECONDARY ALLOCATION OF 1 TRACK.

*
OS41824 360SU1506 MODULE - IEHMEVSQ

IEHMOVE ABENDS 0C6 (MODEL 65) OR 0C0 (MODEL 91). WHEN PDS IS UNLOADED BY USING THE MOVE-VERB.

*
OS41867 360SC5535 MODULE - IKJEFLA IKJEFLE IKJEFLI IKJEFLL

A USER MAY ACCESS A PASSWORD PROTECTED PDS WITHOUT SUPPLYING THE PASSWORD BY HAVING IT SPECIFIED AS STEPLIB IN HIS LOGON PROC THIS OCCURS BECAUSE THE JSCBPASS BIT IS BEING SET IN ICGON INITIALIZATION AND LEFT ON THROUGHOUT LOGON (EXCEPT DURING INSTALLATION EXIT PROCESSING)

*
OS41868 360SC5535 MODULE - IKJEFA12 IKJEFA13

WHEN A USER ISSUES THE ACCOUNT COMMAND TO ADD DATA TO THE UADS FOR ALL USERS AND THERE IS NOT ENOUGH MAIN STORAGE TO READ IN ANY USERID TREE, A MESSAGE IS PUT OUT THAT THERE IS NOT ENOUGH SPACE. THE PROBLEM IS THAT THEN AN INCORRECT MESSAGE IS PUT OUT THAT THE SPECIFIED NODE WAS NOT FOUND. THIS MESSAGE IS MISLEADING BECAUSE THE NODE STRUCTURE WAS NOT SEARCHED TO SEE IF THE NODE EXISTS.

*
OS41878 360SC5535 MODULE - IEFVHCB

WHEN ADDING A DD CARD TO THE FIRST STEP OF A STEP INSTREAM PROC, THE EXEC CARD OF SECOND STEP IS IGNORED, WHEN 2ND INSTREAM PROC FOLLOWS QVERRIDE DD.

*
OS41884 360SC5505 MODULE - IEPXV00

A 413 ABEND OCCURS FOLLOWING A MOUNT MESSAGE FOR A DIRECT ACCESS VOLUME. IF A PACK MOUNTED BY JOB 1 IS DISMOUNTED BY ALLOCATION OF JOB 2, A 413 ABEND WILL OCCUR IF JOB 1 ATTEMPTS TO USE THE VOLUME.

*
OS41912 360SD7554 MODULE - IMBMDMAP

FOR NON-EDITABLE MODULES, IMBMDMAP WILL PUT OUT THE ENTIRE PDS DIRECTORY AND ONLY THE FIRST RECORD OF THE MEMBER WHEN THE DEBUG OPTION IS SPECIFIED.

*
OS41922 360SNL511 MODULE - IEMNV

FIX TO APAR 31715 CAUSES MESSAGE IEM1871 TO BE GIVEN FOR A FORMAT ITEM F(P,Q) WHEN P LESS THAN OR EQUAL TO Q. THIS IS CORRECT ONLY FOR OUTPUT. P EQUAL TO Q SHOULD BE PERMITTED FOR INPUT AND REMOTE FORMATS.

*
OS41929 360SLM512 MODULE - IHEOPP IHECLT IHECTT

AN 035 ABEND MAY OCCUR OR AN EXCESSIVE AMOUNT OF CORE MAY BE USED WHEN OPENING AN INDEXED SEQUENTIAL FILE WITH VARIABLE LENGTH RECORDS.

*
OS41944 360SNL511 MODULE - IEMMH

LOOP IN COMPILATION IN PHASE QF OR OTHER ABORT IF CEIL B.I.F. IS USED WITH SUBSCRIPTED FIXED DECIMAL ARGUMENT FOLLOWING A USE WITH UNSUBSCRIPTED FIXED DECIMAL ARGUMENT.

*
OS41948 360SNL511 MODULE - IEMCV

PROGRAM MAY LOOP IN IEMCV. WHEN TEXT SCAN POINTER ATTEMPTS TO READ THE OUTPUT TEXT AFTER ENCOUNTERING A THEN, ELSE, LEFT OR RIGHT PARENTHESIS, A COMMA OR SEMICOLON PROBLEM ONLY OCCURS WITH R20.1.

*
OS41949 360SNL511 MODULE - IEMJP

TERMINAL MESSAGE IEM110I IS INCORRECTLY GENERATED WHEN A STRING ITEM IS DEFINED ON A NON-PICTURED ARITHMETIC ITEM, THIS PROBLEM IS ONLY KNOWN ON RELEASE 20.1

*
 OS41952 360SLM512 MODULE - IHEITKA
 INCORRECT OUTPUT MAY OCCUR WHEN USING SPANNED RECORD FILES.

*
 OS41957 360SNL511 MODULE - IEMCX
 AGGREGATE LENGTH TABLE GIVES INCORRECT LENGTH FOR STRUCTURES GREATER THAN 2097151 BYTES.

*
 OS41993 360SNL511 MODULE - IEMMO
 COMPILER ERROR IEM1794 WHEN PRIORITY OPTION ON CALL STMT HAS ARGUMENT WITH CONSTANT SUBSCRIPT AND COMPILED WITH OPT EQUALS 2.

*
 OS41996 360SLM512 MODULE - IHEITNA IHEITDA
 WHEN AN ISAM FILE IS OPENED FOR SEQUENTIAL INPUT, AND A RECORD IS READ INTO A VARYING LENGTH STRING, THE NUMBER OF BYTES MOVED FROM THE BUFFER TO THE STRING IS THE MAXIMUM LENGTH OF THE TARGET VARIABLE INSTEAD OF THE RECORD LENGTH. THE PROBLEM OCCURS FOR BOTH FIXED AND VARYING LENGTH.

*
 OS42109 360SC2555 MODULE - IKJEAS02
 IOB START CCM FIELD (IOBST) NOT UPDATED WHEN NEXT CCM CHAIN IS STARTED. ON RECOVERABLE I/O ERROR, IOS RESTARTS FROM WRONG CCM CHAIN OVERLAYING USER'S REGION AFTER TSO RSTORE HAS COMPLETED, CAUSING THE TCB QUEUE TO BE NEVER ENDING

*
 OS42162 360SIO526 MODULE - IGG032I4
 ISAM ALLOCATION MODULE IGG032I4 SETS THE 'SUPPRESS INCORRECT LENGTH' BIT BEFORE READING A FORMAT 2 OR FORMAT 3 DSCB ALTHOUGH ALL ESCB'S ARE 140 BYTES LONG. ALSO, IGG032I4 DOES NOT SET THE 'SUPPRESS DATA TRANSFER' BIT FOR THE WRITE CHECK PORTION OF ITS CHANNEL PROGRAM TO WRITE A FORMAT 2 DSCB.

*
 OS42193 360SC9505 MODULE - SGGEN100
 C9 MFT ASSY SGGEN100 STAT 6830
 TEST WRONG PARTITION SIZE.

*
 OS42200 360SD4508 MODULE - IGC0002G
 OBTAIN PASSES BACK A RETURN CODE OF X'10' INDICATING AN INVALID PARAMETER LIST EVEN THOUGH THE PARAMETER LIST IS VALID.

*
 OS42208 360SD4508 MODULE - IGG032I6
 WHEN AN ISAM DATA SET IS ALLOCATED ON A VOLUME WHOSE SECOND FORMAT 5 DSCB CONTAINS 25 EXTENTS AND THE ALLOCATION RESULTS IN THE CREATION OF TWO NEW FORMAT 5 EXTENTS, IGG032I6 CREATES A NEW FORMAT 5 DSCB AND THEN WRITES A FORMAT 0 DSCB OVER IT. THEREFORE, THE FORMAT 5 CHAIN IS CHAINED TO A FORMAT 0 DSCB A SUBSEQUENT ALLOCATION WILL RESULT IN A FORMAT 1 DSCB BEING WRITTEN OVER THIS FORMAT 0, CAUSING THE FORMAT 5 CHAIN TO BE CHAINED TO THE NEW FORMAT 1.

*
 OS42274 360SC2535 MODULE - SGIEA2NP
 MESSAGE IEA125I ISSUED FOR NON-M85 SYSTEMS WITH EMULATOR WHEN IT SHOULD ONLY APPLY TO M85 SYSTEMS WITH EMULATOR.

*
 OS42281 360SIO523 MODULE - IGG0203X
 CLOSE DOES NOT TEST FOR 2280/2282 IF IN ABEND.

*
 OS42287 360SIO523 MODULE - GREAD GWRITE GCNTRL
 MACROS GREAD, GWRITE AND GCNTRL DO NOT ZERO UNTIL INDEX FOR 2250'S.

*
 OS42299 360SC5505 MODULE - IEEVRECTL
 READER PRIORITY HAD BEEN MISTAKENLY CHANGED FROM 255 TO 245. A SYSTEM WITH HASP IS MORE LIKELY TO EXPERIENCE CORE FRAGMENTATION THAN ANY OTHER SYSTEM.

*
 OS42310 360SD3554 MODULE - IMASZAP
 IF THE CSECT NAME IS NOT SPECIFIED ON THE NAME OR DUMP CONTROL CARD, AND THE LOAD MODULE CONTAINS MORE THAN ONE CSECT, IMASZAP MAY NOT USE THE PHYSICALLY FIRST CSECT IN THE LOAD MODULE.

*

OS42328 360SCC505 MODULE - IGC0009A

INITIALIZATION OF REGISTER 6 WITH THE ADDRESS OF THE VOLUME STATISTIC TABLE ENTRY IS NOT BEING DONE WHEN EOV CONDITION IS NOT IN EFFECT, BUT A PREVIOUS EOV HAD ALREADY RECORDED THE ESV STATISTICS FOR THAT PARTICULAR TAPE.

*

OS42336 360SUN506 MODULE - IKJEHPRO

THE TSO PROTECT COMMAND WILL NOT ACCEPT A PASSWORD BEGINNING WITH A NUMERIC CHARACTER. (SEE TSO PTM 6621)

*

OS42337 360SUN506 MODULE - IKJEHDS1

FULLY QUALIFIED DATA SET NAMES AS MESSAGE INSERTIONS ARE NOT ENCLOSED IN QUOTES (SEE ISO PTM 6670)

*

OS42338 360SUN506 MODULE - IKJEHAL4

ALLOCATED MEMBER NAMES NOT LISTED. SEE TSO DCR 630.

*

OS42339 360SUN506 MODULE - IGC0209H

ANY UPDATES TO DSCB WILL BE LOST IF THEY OCCUR BETWEEN OBTAIN AND ENQUEUE ISSUED BY THIRD LOAD OF SVC 98.

*

OS42348 360SCN505 MODULE - IFASMFDP

SYSPRINT BIKSIZE MUST BE 4 BYTES GREATER THAN LRECL SPECIFICATION TO ALLOW FOR BDW IN VB FORMAT.

*

OS42361 360SC1548 MODULE - IEDQXC

WHEN CONVERTING THE SCAN POINTER OFFSET FROM PACKED TO ZONED FORMAT, THE LENGTH OF THE PACKED FIELD WAS INCORRECT.

*

OS42362 360SC1548 MODULE - IEDQEB IEDQUC IGG019RI IGG019RJ

PUT/WRITE FROM PROGRAM ATTACHED BY TCAM APPLICATION PROGRAM CAUSES PERMANENT WAIT STATE IN ATTACHED PUT/WRITE FROM PROGRAM ATTACHED BY TCAM APPLICATION PROGRAM CAUSES PERMANENT WAIT STATE IN ATTACHED PROGRAM. WAIT CAUSED BY FACT THAT TCB ADDRESS OF TASK FROM WHICH PUT/WRITE IS ISSUED IS NOT THE ONE USED FOR INTER-PARTITION COMMUNICATIONS. THIS PROBLEM EXISTS FOR QTAM AND SAM COMPATIBLE TCAM APPLICATION PROGRAMS.

*

OS42363 360SC1548 MODULE - IEDQBD MIEDQFA IEDQFA1 IEDQFA2 MIEDQHM IEDQHM IEDQHM1 TSCBD

THE PROBLEM OCCURS WHEN RETRIEVING A CANCELED MESSAGE, ATTEMPTING TO REDIRECT OR MULTIPLY ROUTE A MESSAGE THAT HAS BEEN CANCELED (DUE TO CUT OF MSUN) IN THE MAIN STORAGE QUEUE.

*

OS42367 360SC1548 MODULE - MIEDQHM IEDQHM IEDQHM1 IEDQHM2

IEDQFA PROGRAM CHECKED BECAUSE REGISTER 2 WAS LEFT NEGATIVE IN PASSING AN QCB ADDRESS FROM IEDQHM03 TO THE CALLER.

*

OS42368 360SC1548 MODULE - IGG019RW

SPECIAL CHARACTERS TABLE FOR WORLD TRADE TELEGRAPH DOES NOT CONTAIN CHARACTER TO INSURE THAT MOTOR IS ON.

*

OS42369 360SCQ548 MODULE - IEDAYE

A TEST IN OUTPUT EDIT TO CHECK FOR IDLES REQUIRED ALSO MAKES AN INVALID CHECK FOR NEW LINE REQUIRED CODE TO INSERT NEW LINE BEFORE AUTOLINE NUMBER IS BYPASSED.

*

OS42370 360SCQ548 MODULE - IEDAYZ

THE RETURN CODE FROM HALT I/O WAS NOT CHECKED WHEN THE TSO SCHEDULER (IEDAYZ) WAS ENTERED FROM THE DESTINATION SCHEDULER DURING LOGGING OFF.

*

OS42371 360SCQ548 MODULE - IEDAYD

IEDAYD WAS TESTING TO SEE IF A SIMULATED ATTENTION READ WAS IN PROGRESS AND NOT BRANCHING TO IEDAYZ.

*

OS42372 360SCQ548 MODULE - IEDAYZ

TESTING FOR A TWX TERMINAL IN SUBJECT MODULE WAS ONLY PARTIALLY VALID, IT WOULD CHECK FOR 1050 AS WELL AND NOT ISSUE BREAK.

*

OS42373 360SC1548 MODULE - IGG01936 IGG01937

LINE GROUP OPEN IS USING BIT IN UCB FOR TEMPORARY 2741 FLAG BIT CAUSING THE INDICATED PROBLEM.

*

OS42374 360SC1548 MODULE - IEDQKC IEDQKD IEDQKE IGG019Q3

CODE IN APPENDAGE USING LCBCIRCD TO ISSUE OR NOT ISSUE WRITE BREAK, FOR CASE OF AUTO EOB OR DATA ENDING IN EOB FROM 1050, WRITE CIRCLE D RESPONSE CAUSES LCBCIRCD TO BESET. IT TICS TO A WRITE CIRCLE C WHICH SHOULD RESET LCBCIRCD BUT DID NOT, PROBLEM DOES NOT OCCUR IF NEXT COMMAND IS WRITE DATA SINCE DATA IS USED AS RESPONSE.

*

OS42375 360SC1548 MODULE - IEDQXC

IEDQXC WAS INCORRECTLY CHECKING FOR THE DELIMITER INDICATING THE LAST QUEUE TO BE DUMPED WHEN USING THE EXPLICIT REQUEST FOR ONE TO FIVE QUEUES (PARM='Q=AAA, VVV, WWW, XXX, YYY, ZZZ').

*

OS42377 360SC1548 MODULE - TERMINAL

EXPANSION OF TERMINAL MACRO BRANCHES AROUND THE ORG IEDQNADDR AND THE DC A(N+1), A(R+1) LINES WHEN UTERM=YES IS SPECIFIED.

*

OS42378 360SC1548 MODULE - IEDQA6

IEDQA6 DID NOT CLEAR A REGISTER BEFORE EXECUTING AN IC INSTRUCTION.

*

OS42379 360SC1548 MODULE - IEDQGA

THE CHANNEL PROGRAM CHECK OCCURRED BECAUSE OF AN INVALID TIC OP CODE. LINE END POSTED THE LCB, CAUSING A CHANGE IN LCESTAT1. BUFFERS WERE THEN PASSED THROUGH INCOMING MH INSTEAD OF OUTGOING MH. THE CHANNEL PGN CK. OCCURRED BECAUSE IEDQGA DID NOT CHAR THE HIGH BYTE OF A REGISTER. THIS BYTE CONTAINS THE RELATIVE LINE NUMBER - 1.

*

OS42380 360SC1548 MODULE - IGG01946 IGG01947 IGG0194B

TCAM ABENDS USER WITH 043-3 ABEND CODE IF USER IS RECREATING HIS APPLICATION PROGRAM DUE TO AN ERROR THAT HAD PREVIOUSLY CAUSED A 043-2 ABEND. THIS ERROR OCCURS IF ONE OR MORE DCKS HAD BEEN OPENED PRIOR TO AND IN PARALLEL WITH THE DCK THAT CAUSED THE 043-2.

*

OS42382 360SC1548 MODULE - IEDQEU

OPEN/CLOSE SUBTASK NOT RECONSTRUCTING FEFO CHAIN PROPERLY IS DCK IS CLOSED IN MIDDLE OF MESSAGE AFTER A GET OR READ FROM A CORE WITH DISK BACKUP PROCESS QUEUE.

*

OS42388 360SC1548 MODULE - IEDQAW

CODE MACRO ISSUED ON THE OUT SIDE OF AN APPLICATION PROGRAM MESSAGE HANDLER. IEDQAW (BUFFER TRANSLATE ROUTINE) TRIED TO CONVERT DATA THAT HAD PREVIOUSLY BEEN CONVERTED IN THE MESSAGE HANDLER WHEN RECEIVED. HENCE DATA WAS CONVERTED TO GARBAGE.

*

OS42395 360SC1548 MODULE - IEDQAS

IEDQAS DOES NOT PRESERVE THE PRIORITY OF A MESSAGE WHEN IT IS HELD IN THE MESSAGE HANDLER.

*

OS42396 360SC1548 MODULE - IEDQES IEDQEU IEDQEW IGG019RM

THE NUMBERING SCHEME USED FOR APPLICATION PROGRAM QUEUES, PROCESS-QUEUES, IN CONJUNCTION WITH THE METHOD OF MARKING PROCESS MESSAGES SERVICED RESULTED IN THE DUPLICATE NUMBER BEING PUT IN THE LAST MESSAGE AT CLOSE.

*
OS42404 360SC1548 MODULE - IEDQEC
PUT SCHEDULAR DID NOT ALLOW LOCKACDE MSG TO BE
QUEUED TO TERMINAL WHOSE TERMINAL ENTRY SPECIFIED
'LINE ENTRY'

*
OS42425 360SC6505 MODULE - IEWFTHSL
106 ABENDS WHEN FETCH ATTEMPTED TO READ RECORD ZERO WHEN
CROSSING EXTENTS. FETCH ALSO INHIBITS OVERRUN RETRY.
106 ABENDS CAN ALSO OCCUR DUE TO BAD CYLINDER SEEK
ADDRESS.

*
OS42430 360SC9505 MODULE - GENERATE
DURING STAGE I WHEN GENTYPE=(ALL);
PROBLEMS WILL OCCUR WITH THE APRENTHESES AROUND ALL.

*
OS42445 360SC9505 MODULE - GENERATE
WHEN USING LABEL PARAM QM UT1SDS&UT2SDS KEYWORDS IN THE
GENERATE MACRO AND THE UTDISP= KEYWORD IS ALSO USED
BAD JCL WILL BE GENERATED FOR THE JOB STEP THAT
DELETES OR UNCATALOGS THE UT1&UT2 DATA SETS.

*
OS42468 360SC3535 MODULE - NONE
INCORRECT DATA RESULTS WHEN DAVV HAS BEEN SYSGEN'ED
AND AN EXCP USER IS NOT USING IBM SUPPLIED ERROR
ROUTINES. THE ECB IS POSTED AT THE COMPLETION OF
DAVV PROCESSING AND THE USERS CHANNEL PROGRAM IS NOT
EXECUTED. THIS PROBLEM CAN ALSO RESULT IN A WAIT
STATE IF THE DEVICE IS SHARED SINCE A RELEASE COMMAND
IS NOT ISSUED.

*
OS42478 360SD4508 MODULE - IGC0002I
WHEN DOING A SCRATCH ON A VOLUME THAT IS NOT MOUNTED,
A PROGRAM CHECK OCCURS ON THE FIRST SIO AFTER THE MOUNT
SINCE THE AVT POINTER IN THE DEB IN THE SCRATCH WORK
AREA WAS NOT LIZED.

*
OS42497 360SUK506 MODULE - IEHDUMP
POINTER TO DEVICE CONSTANTS IS INCORRECT IN IEHDUMP.

*
OS42498 360SUK506 MODULE - IEHDEXCP
I/Q ERROR ON SECOND DUMP TO PACK AFTER INTERVENING
RESTORE.

*
OS42499 360SUK506 MODULE - IEHDASDS
INSUFFICIENT CORE FOR A FUNCTION CAUSED POINTER TO THE
FUNCTION BLOCK TO BE SET TO ZERO, WHICH WAS FOLLOWED BY
A BRANCH TO EXECUTE THE NEXT FUNCTION WITHOUT UPDATING
QUEUE.

*
OS42500 360SUK506 MODULE - IEHDRIST
VALID'S NOT UPDATED AFTER GOOD RESTORE.

*
OS42504 360SCQ513 MODULE - SGIHB000
IEEC2740 FAILS TO RESET UCMREP BIT IN UCMDEVIC PRIOR
TO CLOSE. WITH UCMREP ON, CLOSE ATTEMPTS HALT I/O;
AND IF UCB POST FLAG IS OFF, CONSOLE SWITCH AND CLOSE
IS ATTEMPTED AGAIN, AND A LOOP RESULTS.

*
OS42594 360SC5505 MODULE - IEESD575
A 1B0 ABEND OR MESSAGE IEE120I - Q SEARCH I/O
ERROR MAY RESULT WHEN CANCELLING JOB FROM THE
OUTPUT QUEUE DUE TO IEESD575 TRYING TO CONVERT A
ZEROED DSB.

*
OS42613 360SC5505 MODULE - IEFSD31Q
FOUR JOBS WERE SUBMITTED MANY TIMES. MSG IEF404I. 'JOB
ENDED' DID NOT APPEAR AT THE TERMINAL MOST OF THE TIME,
BUT MSGIKJ573I SEND SYNTAX ERROR COMMAND
REJECTED APPEARED ON THE OPERATOR'S CONSOLE.

*
OS42619 360SC5555 MODULE - IKJEFE03 IKJEFE05
THE MESSAGE 'IKJ56513I VALUE NOT DEFINED IN PROC
STATEMENT' IS ISSUED BY THE EXEC TSO COMMAND PROCESSOR
WITHOUT THE 'VALUE'. (PROBLEM ORIGINALLY REPORTED ON PTM
6529).

*

OS42620 360SC5555 MODULE - IKJEFE01

THE EXEC TSO COMMAND PROCESSOR GOES INTO A HARD LOOP WHEN ATTN IS HIT DURING 'CLEANUP' CODE. (PROBLEM ORIGINALLY REPORTED CN PTH7457.)

*

OS42698 360SLD547 MODULE - IEWLDI0C

80A ABEND ON REL 20 MFT WITH NO RAMLIST OPTION. 4K OF CORE SPACE NOT SUFFICIENT FOR DATA MANAGEMENT MODULES BROUGHT INTO A PARTITION.

*

OS42707 360SD2554 MODULE - IMDERFUB

IMDERDMP ABENDS WITH OC1 IF ERROR IN DUMP FORMAT IS ENCOUNTERED DURING INITIAL PROCESSING FOR PA CONTROL STATEMENT. IN THIS CASE, PROBLEM WAS CAUSED BY DUPLICATE BLOCKS ON THE DUMP TAPE.

*

OS42720 360SD3554 MODULE - IMASPZAP

IF A DUMP OF A CSECT IS PRODUCED BY IMASPZAP AFTER A NAME CARD HAS BEEN PROCESSED, AND THE CSECT IS CONTAINED IN MORE THAN ONE RECORD, ONLY THE FIRST RECORD IS DUMPED.

*

OS42796 360SIO523 MODULE - IFFCAN01

PTF 40692 CAUSES OC6 ABENDS IN MODULE IGC0007A DUE TO BAD BUFARM IN RLSEBFR MACRO FROM IFFCAN01.

*

OS42810 360SDN539 MODULE - IGFMC20

SOLID ECC ERROR IN MCH CORE MAY CAUSE A02 WAIT STATE.

*

OS42819 360SC2555 MODULE - IKJEAD02

PROBLEM OCCURS WHEN TSO TASK IS DISPATCHED EXACTLY AT MIDNIGHT. TIMER READS 00000000 (BEFORE TIMER CLICKS OVER AND ENTRY CODE 26 IS ISSUED.)

*

OS42820 360SC2535 MODULE - IEAANIP

NIP DOES NOT CHECK FOR A 2305 UCB WHEN PROCESSING A UCB ADDRESS FOR THE SECOND TIME. IN CONSEQUENCE HE DOES NOT SKIP THE PROPER NUMBER OF ENTRIES TO PICK UP THE NEXT UCB ADDRESS. NIP WILL EITHER FLAG ONE TOO MANY UCB'S OFFLINE, OR FILL IN A DUPLICATE VOLID FIELD, OR GET AN ADDRESSING INTERRUPT.

*

OS42821 360SC2555 MODULE - SCBDUMP IEAQAM IEAAB
IEAQADQ4 IEAAAD04 IEAANIP IEAQRORI
IKJEAS01 IKJEAS02 IEAQAD0Z IEAAAD0Z

TSO SWAP RO/RI, AND SVC DUMP WILL BE CHANGED TO DETERMINE THE VALIDITY OF A PCI AND DISREGARD ANY EXTRANEOUS PCIS DUE TO COMMAND RETRY ON 3330 AND 2305.

*

OS42828 360SC2535 MODULE - IEAQPR

IF H1 IS SPECIFIED IN THE REGION PARAMETER OF THE JOB CARD AND NO LCS HARDWARE IS ATTACHED AND NO LCS IS GENERATED IN THE SYSTEM, AN INVALID RETURN CODE IS ISSUED BY GETMAIN AND A MSG (INVALID REGION) IS ISSUED.

*

OS42830 360SC2555 MODULE - IKJEAT08

SVC DUMP DESTROYED TSC'S TCB ADR IN DEB - WHEN INVOKED BY IKJEAT08.

*

OS42831 360SDN539 MODULE - IGFMT00

IGFMT00 LOOPS DURING ANALYSIS OF A MACHINE CHECK.

*

OS42835 360SC2555 MODULE - IKJEAS01

COMMAND REJECT ON A 3330 DURING SWAP INITIALIZATION.

*

OS42839 360SC2555 MODULE - IKJEAS02 IKJEAT03 IKJEAT05
IKJEAT06 IKJEAR00 IKJEA401 IKJR00

IKJEAS02 ISSUES A BRANCH ENTRY TO POST & DOES NOT CHECK FLAGS BEFORE POSTING RCT FOR 00CA. REDESIGN OF STOP/MOLIFY TO HANDLE ABEND SITUATIONS.

*
OS42840 360SC2555 MODULE - IKJEAT07
T07 DID NOT PASS TJDID CORRECTLY WHEN INVOKING IKJEFLS.

*
OS42847 360SDN533 MODULE - IGC0005I
CODE TO SUPPORT DEB CHAINING WAS INCLUDED IN THIS
RELEASE AS REQUESTED SUPPORT WAS NOT INCLUDED BY
OTHER AREAS, CAUSING CODE TO BE INCORRECT. AS A
RESULT OLTEP DEB WOULD POINT TO IT SELF CAUSING INFINITE
LOOP.

*
OS42852 360SD2554 MODULE - IMDPRCTL
IF THE NEWDUMP OR NEWTAPE CONTROL STATEMENT IS USED
TO SPECIFY A DUMP DATA SET TO IMDPRDMP AND THAT DATA SET
IS EMPTY, IMDPRDMP WILL NOT ACCEPT THE END CONTROL STATE-
MENT. INSTEAD, EACH ATTEMPT TO ENTER END CAUSES
IMDPRDMP TO ISSUE MESSAGE IMD165I WHICH STATES THAT THE
NEW TAPE OPERATION CANNOT BE PERFORMED.

*
OS42854 360SDN533 MODULE - IFDOLT16
WHEN AN OLT ISSUES A "GETCONFG" MACRO, AND THE
BUFFER SIZE PARAMETER IS SMALLER THAN THE CDS EYTE
COUNT, OS/OLTEP BRINGS IN MORE BYTES THAN THE BUFFER
CAN HOLD - THUS OVERLAYING THE OLT CODE.

*
OS42855 360SDN533 MODULE - IFDCLT06 IFDOLT34
TAPE LABELS WERE NOT BEING RESTORED IN CERTAIN
INSTANCES CAUSING MESSAGE IFD119I TO BE OUTPUT WHILE
DOING DATA PROTECTION ON A TAPE DEVICE. THIS WAS CAUSED
BY IFDCLT06 AND IFDOLT34 USING INCORRECT CONTROL BLOCKS.

*
OS42856 360SDN533 MODULE - IFDOLT52
T1419A AND T1419B FAILING BECAUSE IFDOLT52 WAS NOT
SETTING A FLAG WHICH WOULD ALLOW GRABBING OF A DEVICE
NOT REQUIRING DATA PROTECTION.

*
OS42857 360SDN533 MODULE - IFDOLT18
CLTEP MODULES WERE BEING DELETED THAT WERE REQUIRED
TO REMAIN IN CORE TO COMPLETE A LINKAGE BACK CHAIN.

*
OS42861 360SU3507 MODULE - IBCDASDI
IBCDASDI ENTERS WAIT STATE DURING IPL IF THE TIMER
HAS JUST BEEN CLEARED. THIS IS CAUSED BY HAVING
EXTERNAL INTERRUPTS ENABLED WHILE PROGRAM IS BEING
LOADED.

*
OS42862 360SC3505 MODULE - IGE0100F
IMPROPER UCSB RECORD FORMAT.

*
OS42863 360SCA505 MODULE - IEC23XXF
MULTIPLE 'T' RECORDS BEING WRITTEN IN SYS1.LOGREC ON
COUNTER OVERFLOW WITH DEVICE ON A CHANNEL WITH AN ODD
NUMBER.

*
OS42864 360SIO526 MODULE - IGG0192H
OPEN MODULE DOES NOT MOVE POINTER TO THE FIELD AREA
TO THE WORKAREA, ESSENTIALLY LOSING ACCESS TO THE FIELD
AREA AND TO ANY UPDATED FIELDS IN IT.

*
OS42865 360SIO526 MODULE - IGG019IY
PROGRAM CHECK IN IGG019IY ON BAL FROM DISPLACEMENT X'446'.

*
OS42866 360SIO526 MODULE - IGG019IZ
PROGRAM CHECK IN IGG019IZ ON OVERLAPPED I/O.

*
OS42867 360SIO526 MODULE - IGG019HK
UNREACHABLE BLOCK ON SETL TO A SHARED RECORD IF DATA
SET CREATED ON DOWN LEVEL RELEASE.

*
OS42868 360SC6535 MODULE - IEWFELCS
THIS FETCH MODULE WILL FAIL EITHER BY VIRTUE OF A PROGRAM
LOCF OR A 106 ABEND DUE TO A BAD SEEK ADDRESS.

*
OS42869 360SC6535 MODULE - IEWFETCH
FALSE END OF EXTENT INTERRUPTS CAN TERMINATE TASK WHEN
FETCHING FROM A 3330 OR 2305 DEVICE.

* OS42871 360SD2508 MODULE - IGG019CU IGGR19CU
INCORRECT REGISTER USAGE IN SAVING AND RESTORING BASE REGISTER IN IGG019CU AND IGG019RU.

* OS42872 360SD1508 MODULE - IGG0550B IGG0550D IGG0550H IGG0550X
MESSAGE IECC004E IS INCORRECTLY ISSUED AT EOV. EOV SHOULD ONLY ISSUE RETAIN OR KEEP MESSAGES-NEVER DISMOUNT MESSAGES.

* OS42892 360SCK555 MODULE - IEDAYOO
TSOUTPUT DOES NOT REMOVE SYSTEM-QWAIT CONDITION.

* OS42893 360SC6505 MODULE - IEWFTECI
VARICUS I/O ERRORS WHILE FETCHING PROGRAM MODULES.

* OS42894 360SD2508 MODULE - IGG0551A
USING FEOV, DUPLICATE RECORDS ON OUTPUT.

* OS42895 360SC9505 MODULE - IODEVICE
2250 CCNSOLE NOT ACCESSIBLE AT IPL TIME.

* OS42896 360SC9505 MODULE - EIGEN212
ASSEMBLER FLAGS IEIGEN212 FOR 'SUBSCRIPT NOT WITHIN DIMENSION'.

* OS42897 360SD2508 MODULE - IGG0191A
LRECL AND BLKSIZE CHECKING IN MODULE IGG0191A IS NOT BEING IMPLEMENTED PROPERLY FOR ASCII RECORDS (FORMAT D,F, OR U).

* OS42898 360SCK555 MODULE - IGG019T3 IGG019T7 IGG019T5 IGG019T8 IGG019T6
4 EXTRA BYTES PRINTED ON OUTPUT WHEN USING SAMP MACRO AND ALLOCATE THE DD TO ISO TERMINAL.

* OS42903 360SD2508 MODULE - IGG0201Y
LOOP IN CLOSE MOD IGG0101Y LOOKING FIRST IOB.

* OS42905 360SD2508 MODULE - IGGR19CJ
USING UPDATE- PUTX, RECORD READ IN ERROR. NOTE* THIS OCCURS ONLY ON RPS DEVICES.

* OS42906 360SD2508 MODULE - IGG01917
MASTER SCHEDULER 804 ABENDS WHEN TRYING TO LOAD IEESMF13 THIS OCCURS ONLY WHEN WE TRY TO IPL WITH THE CARD READER, OOC, ONLINE.

* OS42907 360SD2508 MODULE - IGGR19CU
INCORRECT REGISTER USAGE IN SAVING AND RESTORING REGISTERS IN IGGR19CU.

* OS42909 360SIO526 MODULE - IGG019GV
OC4 ABEND DUE TO INVALID WORK AREA ADDRESS.

* OS42911 360SCK555 MODULE - IEDAYOO
POSTECB SUBROUTINE INCORRECTLY CALLED FROM QTIP24.

* OS42941 360SUL506 MODULE - IKJEBERE
RENUM SUBCOMMAND DOES NOT SET PROMPT BIT ON AFTER NUMBERING A NONUM DATA SET ALSO IF INCREMENT SPECIFIED OF 0 CANONUM BIT IS SET WRONG. ALSO IF IKJEBEUI SET BAD RETURN CODE CANCNUM SET WRONG. ALSO FOR EMPTY DATA SET RENUM IS SETTING A RETURN CCDE OF 8 (FLUSH CONDITION), IT SHOULD BE 0.

* OS42942 360SUL506 MODULE - IKJEBECI
UNDER THE RUN SUBCOMMAND OF EDIT, IKJ56537I IS WRITTEN JUST BEFORE EXECUTION OF A PROGRAM IS THE COMMAND PROCESSOR ISSUED PRIOR TO EDIT ABNORMALLY TERMINATED.

*
OS42943 360SUP506 MODULE - IKJEFF60

OUTPUT FAILS WITH AN 013 ABEND WHEN ATTEMPTING TO USE DATA SET THAT HAD PREVIOUSLY BEEN ALLOCATED.

*
OS42944 360SUP506 MODULE - IKJEFF60 IKJEFF63

OUTPUT ABENDED WITH A 30A AFTER AN END SUBCOMMAND WAS ISSUED TO COMPLETE OUTPUT PROCESSING.

*
OS42945 360SUL506 MODULE - IKJELE

UNDER TSO EDIT COMMAND, THE CHANGE SUBCOMMAND WILL ISSUE A MESSAGE, IKJ52507I LINE TRUNCATED+, FALSELY INDICATING THAT SOME DATA IN THE LINE WAS TRUNCATED UNDER THE FOLLOWING CONDITIONS: (1) FIXED RECORD FORMAT (2) LOGICAL RECORD LENGTH + ADDITIONAL LENGTH DUE TO DATA MODIFICATION GREAT THAN 256 (3) ADDITIONAL LENGTH DUE TO DATA MODIFICATION LESS THAN OR EQUAL TO NUMBER OF TRAILING BLANK CHARACTERS IN LINE.

*
OS42946 360SUP506 MODULE - IKJEFF67 IKJPGPB

MODULE HAD ASSEMBLY ERRORS.

*
OS42947 360SUL506 MODULE - IKJELEIN

THE EDIT COMMAND WILL SET A FIXED RECORD FORMAT REGARDLESS OF THE DEFAULT FORMAT ASSOCIATED WITH A DATA SET TYPE WHEN THE SAVE SUBCOMMAND IS ENTERED UNDER THE FOLLOWING CONDITIONS: (1) DATA SET PREALLOCATED AND NEVER WRITTEN INTO WHEN EDIT ENTERED (2) THE OLD OPERAND IS ENTERED ON EDIT COMMAND.

*
OS42948 360SUL506 MODULE - IKJELEME

EDIT SUBCOMMAND MERGE DOES NOT PASS MEMBER NAME NOR PASSWORD NOR ANY COMBINATION THEREOF, FOR EITHER QUOTED OR NON-QUOTED DATA SET NAME TO SYSTEM MERGE, EVEN IF SPECIFIED ON THE SUBCOMMAND.

*
OS42949 360SUL506 MODULE - IKJELEAT

UNDER TSO EDIT COMMAND ATTENTION EXIT PROCESSING, 0C4 ABENDS CAN OCCUR WHEN (1) A SUBCOMMAND IS ENTERED AFTER AN ATTENTION INTERRUPT AND (2) A SECOND ATTENTION INTERRUPT IS CAUSED, BEFORE THE FUNCTION FIRST INTERRUPTED IS ABLE TO COMPLETE. THIS IS DUE TO THE FACT THAT THE ATTENTION EXIT FREEMAINS INPUT BUFFERS BEFORE ENSURING THAT A NEW COMMAND BUFFER IS AVAILABLE.

*
OS42950 360SUL506 MODULE - IKJELESA

WHEN THERE IS INSUFFICIENT SPACE TO SAVE A NEW DATA SET, MODULE IKJELESA ISSUES MESSAGE IKJ52304I (SYSTEM OR INSTALLATION ERROR) WITH SECOND LEVEL MESSAGE "DARC 4714". MESSAGE IKJ52305I SHOULD BE ISSUED INSTEAD (NOT ENOUGH SPACE ON VOLUMES).

*
OS42951 360SUL506 MODULE - IKJELESA

AFTER EDIT ENDS DUE TO ERROR AND A SAVE SUBCOMMAND IS ENTERED IN RESPONSE TO MESSAGE IKJ52555I, "SAVED" IS ISSUED BY IKJELESA, BUT THE NEXT LINE ENTERED IS IGNORED BEFORE "READY" IS ISSUED.

*
OS42952 360SUL506 MODULE - IKJELEBA

IN THE TSO EDIT COMMAND, ATTENTION INTERRUPTS ARE SOMETIMES IGNORED AT THE COMMAND LEVEL--THE TERMINAL USER IS NOT ALWAYS ABLE TO ENTER AN INPUT IN THE TSO EDIT COMMAND, ATTENTION INTERRUPTS ARE SOMETIMES IGNORED AT THE COMMAND LEVEL--THE TERMINAL USER IS NOT ALWAYS ABLE TO ENTER AN INPUT LINE BEFORE THE INTERRUPTED FUNCTION IS RESTARTED. THIS IS DUE TO AN INCORRECT INPUT BUFFER SPECIFICATION IN A STAX MACRO.

*
OS42953 360SUL506 MODULE - IKJELEBA IKJELEAT IKJELECA

RANDOM 0C4 ABENDS CAN OCCUR IN THE TSO EDIT COMMAND WHEN THE ATTENTION INTERRUPT KEY IS DEPRESSED AND AN EDIT SUBCOMMAND ENTERED AS INPUT. THIS PROBLEM IS DUE TO THE FACT THAT THE EDIT ATTENTION HANDLER FREEMAINS THE CURRENT SUBCOMMAND BUFFER. THE PROBLEM WOULD BE AGGRAVATED IF STORAGE WERE TO BE FETCH-PROTECTED.

*
OS42955 360SUL506 MODULE - IKJEBEFI

AFTER THE "FIND" SUBCOMMAND OF EDIT FOUND A CHARACTER STRING IN THE FIRST LINE OF A DATA SET, FOLLOWED BY A "DELETE" SUBCOMMAND FOR THAT RECORD, "FINI" WILL NOT FIND THE SAME (EXISTING) CHARACTER STRING IN THE FIRST LINE (ORIGINAL SECOND LINE) OF THE DATA SET.

*
OS42957 360SUL506 MODULE - IKJEBELE

THE LINE EDIT SUBROUTINE UNDER THE EDIT COMMAND DOES NOT TRANSLATE A TAB INTO BLANKS WHEN THE TAB IS USED IN THE FIRST POSITION OF A TABSET (E.G., WHEN EDITING AN ASM-TYPE DATASET USING DEFAULT TABSETS, THE INPUTLINE "LABEL (TAB) RETURN (TAB) 14,12" IS ENTERED IN THE DATA SET WITHOUT BLANK(S) BETWEEN "RETURN" AND "14,12".

*
OS42958 360SUL506 MODULE - IKJEBEIN

THE INITIALIZATION ROUTINE (IKJEBEIN) OF THE ISO EDIT COMMAND DOES NOT RESTORE THE SYSTEM REGISTERS BEFORE INVOKING THE MAINLINE ROUTINE (IKJEBEMA) VIA XCTL.

*
OS42959 360SUL506 MODULE - IKJEBEIN

THE ISO EDIT COMMAND DOES NOT SET A CONDITIONAL DISPOSITION WHEN ALLOCATING AN OLD DATA SET, CAUSING THE DATA SET TO BE SCRATCHED AND UNCATALOGED IF AN ERROR OCCURS THAT CAUSES THE EDIT COMMAND AND THE TMP TO ABNORMALLY TERMINATE.

*
OS42960 360SUL506 MODULE - IKJEBEAT

IKJEBEAT HAS INVALID MACRO NAMES AND DOES NOT ISSUE THE RTAUTOPT MACRO UPON RECEIPT OF A NULL LINE.

*
OS42961 360SC5555 MODULE - IKJEFR00

RUN SHOULD NOT INFORM USER THAT EL1 PROMPTER IS SUPPORTED SINCE IT IS NOT READY AS OF 20.1.

*
OS42962 360SC5555 MODULE - IKJEFD30

MESSAGE NEEDED TO INFORM USER OF EXTRA VALUE IN SPACE OPERAND OF ALLOCATE TSO COMMAND PROCESSOR.

*
OS42963 360SC5505 MODULE - IEFSD110 IEFSD112

WHEN A USER ATTEMPTS TO LOGON, A 30A OCCURRED AS A RESULT OF THE RDR/INTERPRETER TRYING TO FREE A TRACK STACK IN SPO.

*
OS42972 360SC5505 MODULE - IEFSD518

INCORRECT USAGE OF R14 BY MODULE IEFSD518 WHICH ERRONEOUSLY OVERLAYS CODE WITHIN ITSELF FOR USE AS A WTO BUFFER.

*
OS42973 360SC5505 MODULE - IEFSTP00 IEFWTP01 IEFWTP02

SYSTEM IN AN ENABLED WAIT STATE AFTER TRANSIENT Q-MGR HAS ISSUED AN EXCP AGAINST AN UNINITIALIZED IOB.

*
OS42984 360SC5505 MODULE - IEE1403D IEE0503D

IF SWITCH COMMAND IS ENTERED WHILE THE SMF DATASETS ARE SWITCHING, MSGIEE706I MAY BE BUILT INCORRECTLY.

*
OS43003 360SC5505 MODULE - IEFSD519

IEFSD519 FAILS TO STORE ECB POINTER IN IOB CAUSING IOS TO POST A WRONG OR BAD ECB. PARTITION GOES INTO ETERNAL WAIT STATE.

*
OS43010 360SC5505 MODULE - IEFVMLS7

MESSAGE IEF221I WAS MISSING THE 3 WORDS 'WAS NOT EXECUTED' THAT ARE INDICATED IN THE MESSAGES AND CODES SRL

*
OS43019 360SC5505 MODULE - IEESD581

THE SECOND PART OF MESSAGE IEF283I CONTAINING THE VOLUME SERIAL NOS. IS NOT PRINTED.

*
OS43044 360SC2535 MODULE - IGC6103D IGC6203D

CORE GETS OVERLAID FOLLOWING A D.M. COMMAND.

*
OS43049 360SC2555 MODULE - IKJEAT04

1. IKJEAT04 DOES NOT SET UP REG 13 WITH A SAVE AREA WHEN
INVOKING IKJEAT08 - CAUSES 108 TO GET AN OC5
2. IKJEAT04 DOES NOT INITIALIZE ECB LIST WHEN THERE ARE NO
ACTIVE OR DEAD RCT'S.

*
OS43057 360SC2535 MODULE - IEAANIPO

NIP ALGORITHM FOR APPLYING ECF FOR (333Q) MERLIN IS
INVALID AND MAY CAUSE PROGRAM CHECK.

*
OS43123 360SCB545 MODULE - IKFCBL00

THE ECB'S FOR SYSIN AND SYSLIB ARE NOT
CLOSED BY THE COMPILER WHEN A SYMAQ EXIT IS TAKEN FOR
ANY OF THE COBOL FILES.

*
OS43146 360SCL555 MODULE - IKJLKL01

NO DEFAULT WHEN NO INPUT, OUTPUT AND
PRINT DATA SET NAME IS SPECIFIED LINK(*) PRINT(*)

*
OS43147 360SCL555 MODULE - IKJEWHLD IKJEWHLK

SYS1.HELPLIB SPECIFIES PL1LIB NOT ELIL1B
CN A LINK OR LOADGO COMMAND.

*
OS43163 360SDN527 MODULE - IFCEG155

SOME FIELDS OF MODEL 155 MCH RECORDS ARE NOT
CORRECTLY FORMATTED.

*
OS43164 360SDN527 MODULE - IFBSTAT

S130 ABEND DUE TO UNRESOLVED ADCONS.

*
OS43165 360SDN527 MODULE - IFCET002

806 ABEND IN IFCEP008 WHILE LOOKING FOR
IFCE0002.

*
OS43166 360SDN527 MODULE - IFCE2860 IFCE287C IFCE2880

BINARY CLOCK ROUTINE FOR THE CHANNEL EDIT MODULES
FAILS TO RESTORE THE VALUE IN REGISTER 2.

*
OS43168 360SD2554 MODULE - IMDPRMST

IMDPRDMP DOES NOT DELETE MODULE IMDPRMST (DUMP
INITIALIZATION) AFTER PRINTING A PREFORMATED DUMP TAPE.
AN 80A ABEND WILL OCCUR IF A SECOND DUMP IS PRINTED
IN THE SAME EXECUTION OF IMDPRDMP AND INSUFFICIENT
MAIN STORAGE IS AVAILABLE TO LOAD A SECOND COPY OF
IMDPRMST.

*
OS43177 360SD2554 MODULE - IMDPRCTL

AFTER PROCESSING THE CVT=VERB, IMDPRDMP DOES NOT
CONTINUE CONTROL CARD SCAN FOR ADDITIONAL VERBS. IN
THE CASE OF APAR 43177, THE CONTROL STATEMENT CVT=P,GO
WAS GIVEN TO IMDPRDMP. THE GO VERB WAS IGNORED, AND
CONSEQUENTLY NO PRINT CONTROL STATEMENTS WERE ENCOUNTERED
BEFORE THE END STATEMENT. THIS TRIGGERS A SEPARATE
PROBLEM, THE A0A ABEND, WHICH IS KNOWN TO EXIST IN THE
RELEASE 20.0 IMDPRDMP EUT WHICH IS FIXED IN RELEASE 20.1.

*
OS43208 360SUK506 MODULE - IEHDCONS IBCDASDI

DURING STAGE 2 OF SYSGEN IN WHICH 2305-1 IS TARGET DEVICE
IEB COPY RANDOMLY RETURNS I/O ERROR MSG.

*
OS43249 360SC6505 MODULE - IEWFTHIN

106 ABEND OCCURS DUE TO THE SKIPPING OF RECORDS.

*
OS43285 360SDN539 MODULE - IGC0108E

SYSTEM GOES INTO WAIT STATE WHEN TRYING TO SWAP NON-
EXISTANT DEVICES.

*
OS43313 360SI0523 MODULE - IFPCAN01

IFPCAN01 ISSUES AN ASGNBFR WHILE HANDLING CANCEL KEY AND
MODIFIES THE BFR START ADDRESS IN THE DCB.

*
OS43334 360SCN505 MODULE - IFASMFDP

IFASMFDP WILL NOT ALLOW THE DUMPING OF THE PRIMARY SMF DATA SET IN A DATA-LOST CONDITION. THIS PRESENTS A PROBLEM SINCE ALTERNATE AND PRIMARY DATA SETS SWITCH EACH TIME AN ATTEMPT IS MADE TO WRITE A RECORD TO THE SMF DATA SET.

*
OS43504 360SCB545 MODULE - IKFCBL50

BOA ABEND AFTER CLOSING A BISAM DATASET. A FREEMAIN IS ATTEMPTED (TO FREE CORE OBTAINED FOR THE APPLY CORE-INDEX OPTION) AFTER REFERENCING INCORRECT DCB FILEDS. BAD CODE IS GENERATED FOR EACH SUCH FREEMAIN AFTER THE FIRST (AS THE BISAM CLOSES APPEAR IN THE COURSE LISTING).

*
OS43543 360SC5505 MODULE - IEFX5000

SYSTEM GOES INTO ALLOCATION RECOVERY EVEN THOUGH THERE ARE ENOUGH TAPE DRIVES ONLINE TO SATISFY THE REQUEST. THE PROBLEM WILL OCCUR WITH ASP FREQUENTLY AND ONLY FOR NON-SPECIFIC SCRAICH TAPE REQUESTS.

*
OS43544 360SC5505 MODULE - IEFWCIMP IEFWD000 IEFXR000 IEFXT002

UNLOAD COMMANDS ARE NOT HONORED BECAUSE THE PASSED DATASET INDICATOR IS LEFT ON IN THE UCB.

*
OS43566 360SC5535 MODULE - IEESMF8C

IEESMF8C DESTROY SREG4 WHICH IT NEEDS FOR ITS ICB POINTER CAUSING INVALID POST

*
OS43685 360SC5505 MODULE - IEFWA000

MESSAGE IEF244I MAY BE ISSUED FOR SPECIFIC DATA CELL REQUESTS DUE TO IMPROPERING ADDRESSING OF THE SUB-UCB BY MODULE IEFWA000.

*
OS43687 360SD3554 MODULE - IMASPZAP

IF CONTROL CARD INPUT TO IMASPZAP CONTAINS NON-HEX CHARACTERS WHERE HEX CHARACTERS ARE REQUIRED, THE CONTROL CARD WILL BE ACCEPTED BUT GIVE INCORRECT RESULTS.

*
OS43688 360SD3554 MODULE - IMASPZAP

WHEN IMASPZAP PERFORMS AN ABSDUMP OPERATION, THE LAST RECORD MAY BE DUMPED TWICE - BOTH WITH THE SAME CCHHR.

*
OS43695 360SDN533 MODULE - IFDOLT22 IFDOLT48

ON-LINE ALLOCATION ON DRUM DEVICES CANNOT BE DONE. CDS INFORMATION IS NOT BEING MOVED TO CONTROL TABLE PREVIOUS TO ALLOCATION REQUEST, THEREBY CAUSING INCORRECT INFO TO BE USED BY ALLOCATION MODULE.

*
OS43723 360SC6535 MODULE - IEFWFETCH

PERFORMANCE DEGRADATION WHEN RUNNING SYSTEM CAUSED BY MISSING OVER 95% OF PCI INTERRUPTS.

*
OS43724 360SC6535 MODULE - IEFWFELCS

PERFORMANCE DEGRADATION WHEN RUNNING SYSTEM CAUSED BY MISSING OVER 95% OF PCI INTERRUPTS.

*
OS43725 360SC6505 MODULE - IEFWFTPCI

PERFORMANCE DEGRADATION WHEN RUNNING SYSTEM CAUSED BY MISSING OVER 95% OF PCI INTERRUPTS.

*
OS43726 360SC6505 MODULE - IEFWTHSL

PERFORMANCE DEGRADATION WHEN RUNNING SYSTEM CAUSED BY MISSING OVER 95 PERCENT OF PCI INTERRUPTS.

*
OS43831 360SC2555 MODULE - IKJEAS01

IKJEAS01 FAILED TO INITIALIZE THE CURRENT POINTER TO UTMQ. THE CURRENT POINTER IS POINTING PAST THE END OF THE UTMQ.

*
OS43833 360SC2555 MODULE - IKJEAR02

4 INSTRUCTION LOOP IN IKJEAR02 BECAUSE BBTABNO EXISTS IN AN SVRB BUT THE USER QUEUE POINTER IS 0.

*
OS44019 360SIO523 MODULE - IFFCAN01

U063 ABEND IN MODULE IFFCAN01 AFTER RESUME OPTION AFTER PTF 40692 APPLIED.

*
OS44022 360SC2555 MODULE - IKJEAT00 IKJEAT01 IKJEAT02
IKJEAT03 IKJEAT04 IKJEAT06 IKJEAT07
IKJEAF00 IKJEAR00 IKJEAR01 IKJEAS02
IKJEAD02 IKJEAM00 IKJEAS01 IKJEAD00
IKJGG001 TIOCH TCAM

IDENTIFIED PROBLEMS IN TSO - 1. REGION SIZE CALCULATED MAY BE TOO LARGE, CAN'T BE OVERRIDDEN, 2. MODIFY COMMAND OPERANDS INCONSISTENT, 3. STOP TSO CAN RESULT IN HANG OF TSO, CAN'T STCP WHILE MODIFY IN PROGRESS, 4. SRL'S INACCURATE.

*
OS44408 360SDN539 MODULE - IGFCCH80

THE PHYSICAL LOGOUT AREA CN 2880 CHANNEL IS DIFFERENT FROM WHAT CCH EXPECTS, CAUSING CCH TO MISINTERPRET DATA.

*
OS44497 360SDM509 MODULE - **NONE**

BDAM VS RECORDS MAKES WRONG CALCULATION FOR LENGTH CHECK AND WILL FIND RECORD SEGMENT TO BE INCORRECT LENGTH.

*
OS44610 360SC2555 MODULE - IKJEAD02

DCA #4UNR FIELD IN DCA NOT BEING PROPERLY UPDATED.

*
OS44885 360SC1548 MODULE - IEDQBT

IEDQBT WAS NOT CHECKING FOR UNIT EXCEPTION ON SEND OPERATION - DID ERRONEOUS RECALL.

*
OS44897 360SC1548 MODULE - MSGEDIT

MSGEDIT MACRO GENERATED A BAL WITH AN INCORRECT BRANCH ADDRESS. MSGEDIT FAILED TO RECOGNIZE THAT SCAN IS DEFAULT VALUE FOR AT OPERAND WITH THIS CONFIGURATION OF THE MSGEDIT MACRO.

*
OS45519 360SC2555 MODULE - IKJEAS02

LOOP IN IKJEAS02 DUE TO NOT CLEARING THE SWAP REQUEST BLCK BEFORE BUILDING THE NEXT REQUEST, THEREBY INDICATING BOTH A SWAP OUT AND SWAP IN FOR ONE REQUEST.

*
OS45528 360SC2555 MODULE - IKJEAD02

USER 1 LOGON AND HAS 1 HOUR TIME SLICE. NOT GETTING SWAPPED OUT SO USER 2 CAN BE BROUGHT IN.

*
OS46037 360SC2555 MODULE - IKJEAD02

IKJEAD02 FAILING TO SET >MAKE BACKGROUND LAST> BIT WHEN BACKGROUND PERCENTAGE IS SATISFIED.

*
OS46410 360SC2555 MODULE - IKJEAD02

OC9 PROG. CHECK OCCURS WHEN DRIVER ATTEMPTS TO COMPUTE WAIT ESTIMATE WHEN USER HAS HAD 0 TIME IN CORE.

(2-29
thru
2-74
deleted)

APARs CORRECTED IN PREVIOUS RELEASES

MAINTENANCE INFORMATION -- RELEASE 20.6

The APARs listed below have been corrected in previous releases of OS/360 but may not have been identified in the maintenance prose document supplied for each release.

OS36299 OS37238 OS37320 OS37492 OS37816 OS38780 OS39612
OS39644 OS40151 OS40429 OS40570 OS40617 OS40643 OS40899
OS40981 OS41088 OS41233 OS41342 OS41448 OS41500 OS41525
OS41790 OS41808 OS41836 OS41875 OS42085 OS42235 OS42491
OS42517 OS42530 OS42626 OS42644 OS42662 OS42846 OS42883
OS42888 OS42914 OS42924 OS43014 OS43051 OS43062 OS43075
OS43094 OS43098 OS43121 OS43219 OS43239 OS43254 OS43287
OS43322 OS43353 OS43405 OS43417 OS43455 OS43463 OS43490
OS43500 OS43506 OS43527 OS43560 OS43585 OS43597 OS43599
OS43602 OS43609 OS43615 OS43618 OS43645 OS43653 OS43697
OS43710 OS43734 OS43748 OS43806 OS43857 OS43866 OS43872
OS43876 OS43927 OS43970 OS43989 OS43997 OS44016 OS44024
OS44070 OS44072 OS44119 OS44126 OS44134 OS44141 OS44160
OS44212 OS44217 OS44227 OS44246 OS44255 OS44271 OS44272
OS44286 OS44301 OS44344 OS44423 OS44434 OS44451 OS44464
OS44492 OS44497 OS44519 OS44555 OS44569 OS44609 OS44621
OS44662 OS44681 OS44698 OS44699 OS44716 OS44720 OS44737
OS44761 OS44809 OS44810 OS44865 OS44959 OS45008 OS45038
OS45041 OS45055 OS45064 OS45067 OS45223 OS45345 OS45399
OS45400 OS45405 OS45518 OS45550 OS45552 OS45570 OS45591
OS45661 OS45670 OS45690 OS45721 OS45730 OS45829 OS45987
OS45990 OS46015 OS46064 OS46127 OS46184 OS46209

TOTAL NUMBER OF APARs INCLUDED - 153

*
OS36299 360SD1508 MODULE - I330550D
IGG0550D ISSUES A 537 ABEND FOR THE SECOND OR
SUBSEQUENT VOLUME OF A SECURITY PROTECTED
DATA SET IF THE PASSWORD WAS NOT CHECKED ON THE
FIRST VOLUME.

*
OS37238 360SD1508 MODULE - IGG0200B
60A OR A0A ABENDS MAY OCCUR IN MODULE
IGG0200H WHEN USING NSL TAPE DATA SETS.

*
OS37320 360SCA505 MODULE - **NONE**
PTF 70178 CAUSES ASSEMBLY ERRORS DURING
THE ASSEMBLY OF IEC23XP.

*
OS37492 360SD1508 MODULE - **NONE**
IF THE OPERATOR REPLIES M TO THE OPEN EXPIRATION DATE
MESSAGE IEC107D AND A SPECIFIC VOLUME SERIAL WAS
SPECIFIED, A 713 ABEND IS ISSUED INSTEAD OF HAVING A
SCRATCH TAPE MOUNTED.

*
OS37816 360SCB505 MODULE - **NONE**
ERROR ROUTINE IN CONTROL BIT NOT RESET
IN IOB RESULTING IN OS LOOP PRINTING SAME LINE
CONTINUOUSLY.

*
OS38780 360SI0526 MODULE - **NONE**
AFTER COPYING AN ISAM DATASET AN EXTRA RECD
WAS CREATED. ALL PRIOR RECORDS WERE SHIFTED
ONE RECORD NUMBER HIGHER.

*
OS39612 360SAS037 MODULE - **NONE**
UNDEFINED SYMBOL ERROR NOT IN CROSS REFERENCE

*
OS39644 360SAS037 MODULE - **NONE**
INCORRECT OUTPUT WHEN ASSEMBLING IMS MACROS.

*
OS40151 360SNL511 MODULE - **NONE**
IHE805 AT EXECUTION WHEN A STATEMENT IS A BY NAME
ASSIGNMENT BETWEEN BASED AGGREGATES, AND ONE AGGREGATE
HAS A SKELETON DOPE VECTOR WHICH LIES PARTLY BELOW AND
PARTLY ABOVE THE FIRST 4K OF STATIC. A REGISTER IS USED
WITH 2 FUNCTIONS SIMULTANEOUSLY, BOTH TO ADDRESS AN
ELEMENT AND AS A BASE FOR THE SECOND 4K OF STATIC.

*
OS40429 360SI0526 MODULE - IGG01922
UNREACHABLE BLOCK IN INDEPENDENT OVERFLOW
AREA DOING UPDATE TO ISAM FILE WITH CYL.
OVFL AND INDEPENDENT OVFL AREA.

*
OS40570 360SC5505 MODULE - IEEVRC
WHEN SYSTEM TASK CONTROL CREATES THE TIOT TO ALLOW
DISPLAY ACTIVE TO HAVE A JOBNAME DURING SYSTEM TASK CONTROL
PROCESSING, THE TIOT IS BUILT INCORRECTLY.

*
OS40617 360SD1508 MODULE - I330190Q
WHEN OPENING A PASSWORD PROTECTED DATA SET USING A
READ ONLY PASSWORD A 913 ABEND OCCURS IF LEAVE OR
REWIND IS SPECIFIED FOR INPUT OR READ BACKWARDS.

*
OS40643 360SCB545 MODULE - **NONE**
SYNAD EXIT MSG IKP0030I IS ISSUED WHEN
ATTEMPTING TO READ A RECORD FROM THE SYSLIB DATASET.

*
OS40899 360SC5535 MODULE - **NONE**
MESSAGE IEE102I SHOWS A ZERO FIELD IN SQS FOR ALL
SUBTASKS

*
OS40981 360SPO500 MODULE - SGIEK401
SGIEK401 DOES NOT BLANK OUT &SGCCTRLC(G)
BEFORE EXITING. SGIEK405 THEN PICKS UP THE
VALUE >IEKAA00> IN ERROR.

* OS41088 360SPO500 MODULE - **NONE**

IN THE EQUIVALENCING OF A SMALL ARRAY TO A SINGLE VARIABLE, THE COMPILER MAY ASSIGN INCORRECT AND DIFFERENT ADDRESSES TO BOTH GROUP MEMBERS.

* OS41233 360SC7505 MODULE - **NONE**

SYSOUT DATA FROM TWO JOBS MIXED ON OUTPUT.

* OS41342 360SUK506 MODULE - **NONE**

OC5 WHEN RESTORING.

* OS41448 360SDM509 MODULE - **NONE**

IHB01 TURNS ON INVALID BIT CONFIGURATION ('09') FOR OPTCD IF BDAM WITH REL TRACK ADDRESSING IS SPECIFIED. THIS MAY CAUSE PROBLEMS IN BOTH BDAM OR IF BSAM IS USED, IS CONFUSED WITH ASCII COBOL.

* OS41500 360SPO500 MODULE - **NONE**

ON OPT=2, INCORRECT CODE MAY BE GENERATED WHEN A LOGICAL*1 VARIABLE IS ASSIGNED TO ANOTHER LOGICAL *1 VARIABLE WHICH IS THEN USED IN AN INNER LOOP. OUTSIDE THE INNER LOOP THE VALUE MAY BE STORED INTO A TEMPORARY WITH A FULL STORE BUT RELOADED WITH A FULL STORE BUT RELOADED WITH AN INSERT CHARACTER, CAUSING INCORRECT RESULTS.

* OS41525 360SED521 MODULE - **NONE**

UNRESOLVED EXTERNAL REFERENCES WHEN LOAD MODULES WERE LINK-EDITED UNDER 19.6

* OS41790 360SU1506 MODULE - **NONE**

IEHMOVE DOES NOT CORRECTLY UPDATE THE NOTE LIST OF A PROGRAM WITH A PLANNED OVERLAY STRUCTURE, WHEN COPYING A PDS.

* OS41808 360SU2506 MODULE - **NONE**

AFTER >MEMBER FOUND CONDITION SYSJ12 IS NOT CLOSED IN IEBUPDTE INVOKED BY USER PROGRAM. CLOSE FUNCTION OF JOB TERMINATION FINDS DCB'S OVERLAYED.

* OS41836 360SU4506 MODULE - IEB3ENS3

WHEN EXEC. IEBGENER THE JOB IS OVERLAYED.

* OS41875 360SC5535 MODULE - IEFVHR

IEFSD308 DOES GETMAIN FOR 168X BYTES WHEN 140X ARE LEFT IN REGION CAUSING 80A.

* OS42085 360SRC551 MODULE - **NONE**

CANCEL COMMAND IGNORED WHEN JOB IS IN NOT QUEUED STATUS AND JOB GETS LOST.

* OS42235 360SD2508 MODULE - **NONE**

LAST RECORD OUTPUT OF COBOL QSAM IS DUPLICATED.

* OS42491 360SC6535 MODULE - **NONE**

CHECKPOINT MODULE IHJQCP31 MAY OVERLAY USER CORE IF THE STAE FUNCTION IS ACTIVE.

* OS42517 360SC4535 MODULE - **NONE**

2250 CONSOLES DOES NOT RECOVER FROM AN I/O ERROR - CONSOLE IS LOST UNTIL THE NEXT IPL.

* OS42530 360SC4535 MODULE - **NONE**

AFTER A CONSOLE SWITCH FROM THE 2250 OPERATOR CONSOLE, AND THEN SWITCHING BACK, THE 2250 WORKS UNTIL YOU TRY TO DELETE MESSAGES. THE UNDERLINE APPEARS, BUT SELECTION OF "ALL" CAUSES THE SCREEN TO GO BLANK AND THE 2250 IS LOST UNTIL RE-IPL.

*
OS42626 360SFO500 MODULE - IEKRSY

A VARIABLE WHICH IS STORED BEFORE A CALL AND IS USED AFTER A CALL TO A SUBROUTINE. THE COMPILER SHOULD RESTORE THE VALUE OF THE VARIABLE.

*
OS42644 360SFO520 MODULE - **NONE**

FORTRAN PRODUCES BAD OUTPUT DURING EXECUTION. OUTPUT IS CORRECT IF TWO WRITE STATEMENTS ARE ADDED TO SUBROUTINE. IF EITHER WRITE STATEMENT IS REMOVED. OUTPUT IS INCORRECT.

*
OS42662 360SFO520 MODULE - **NONE**

OC5 OR U240 ABEND WHEN DEBUG TRACE OPTION IS USED.

*
OS42846 360SC5505 MODULE - IEFVHR

IF THE UNIT COUNT IN THE TIOT IS ZERO IEFVHR WILL DECREMENT THE COUNT TO NEGATIVE AND EVENTUALLY LINK TO IEFSD308 WITH A BAD UCB POINTER. QUEUE DEVICE I/O ERROR CONDITION CAUSED VHR TO GET CONTROL TO ISSUE MSG IEF413I.

*
OS42883 360SC2505 MODULE - **NONE**

NOT ABLE TO REPRODUCE THE PROBLEM STATED IN APAR 42883. WE USED A 20.0 MFT NON-ATTACH SYSTEM WITH PTF 41060 APPLIED.

*
OS42888 360SUK506 MODULE - **NONE**

WRONG BYTE COUNT TO FQE. DUMP ISSUED FREEMAIN WITH WRONG BYTE COUNT.

*
OS42914 360SD1508 MODULE - **NONE**

737 ABEND IN EDV WHEN GOING FROM 1ST TO 2ND VOLUME OF OUTPUT TAPE DATA SET IF SMF RECORD TYPES 14/15 ARE REQUESTED.

*
OS42924 360SUK506 MODULE - **NONE**

60A WHEN DUMPING A DISKS TO 4 TAPES.

*
OS43014 360SC5535 MODULE - **NONE**

RDR CAUSES IEFSD308 TO CHECK WHEN:
1. I/O ERROR OCCURS
2. DDS IN NON-STANDARD ORDER
3. NO DATASETS HAVE BEEN SPOOLED. LOOPING LOGIC WAS NOT ABLE TO HANDLE ZERO COUNT.

*
OS43051 360SC2535 MODULE - IEA05T00

BRANCH TO ABTERM FROM STIMER IN RELEASE 19.6 HAS SYSTEM DESIGN PROBLEMS. STIMER SVRB IS DELETED THEREBY PREVENTING AN SVC 13 VIA ITS RESUME PSW.

*
OS43062 360SC2535 MODULE - **NONE**

IF A PROGRAM IS ABENDED WHILE IT IS WAITING FOR AN ECB TO BE POSTED AND IF THE ORIGINAL ABEND DID NOT GO THROUGH ABTERM, A POST ISSUED FOR THAT ECB PRIOR TO THE TIME THAT IGCOA01C GETS CONTROL CAUSES A 202 ABEND TO BE ISSUED.

*
OS43075 360SC4535 MODULE - **NONE**

BUILDING OF THE UNIT STATUS DISPLAY BY THE 2250 OPERATOR CONSOLE SUPPORT CAUSES CORE FOLLOWING IEBCVOP1 TO BE OVERLAID.

*
OS43094 360SCB545 MODULE - **NONE**

MESSAGES IKF1093I AND IKF3001I ISSUED WHEN LOGICAL EVALUATION STATEMENT CONTAINED WITHIN PARENTHESIS IS CONTINUED ON SECOND CARD.

*
OS43098 360SCB545 MODULE - **NONE**

RETURN CODE OF 4 INSTEAD OF 12 AFTER MESSAGES IKF1004I-E FOLLOWS PROGRAM TO GO INTO EXECUTION WHEN IT SHOULD NOT.

*
OS43121 360SFO500 MODULE - IEKGC2

AFTER APPLYING PTF 41034, THE FORTRAN H COMPILER MAY INCORRECTLY ASSIGN BAD ADDRESSES TO EQUIVALENCED VARIABLES AND ARRAYS OR THOSE EQUIVALENCED INTO COMMON.

*
OS43219 360SD1508 MODULE - IGG0550D
AN EXTRANEJUS CHARACTER APPERAS IN MESSAGE IEC001E M BEFORE THE DEVICE ADDRESS. OTHER MESSAGES BUILT BY IGG0550D CAN ALSO HAVE THIS PROBLEM. THESE OTHER MESSAGES ARE IEC003E R, IEC002E K, AND IEC004E D.

*
OS43239 360SC3535 MODULE - IECXCP
AN ENABLED WAIT STATE RESULTS ON A SYSTEM WITH SHARED DASD WITH OPTIONAL CHANNEL PATHS AFTER APPLYING PTF 70319. THE PROBLEM RESULTS BECAUSE UCBCUB IS TURNED ON, BUT UCBLTS POINTS TO AN RQE WHICH IS MOST LIKELY FREE.

*
OS43254 360SD1508 MODULE - IGG0199Q
MODULE IGG0199Q ABENDS WITH AN OC5. THE JSCBTJID FIELD WAS NEVER INITIALIZED TO ZEROES. A CHECK IS NOT MADE TO SEE IF THE SYSTEM IS MVT BEFORE EXECUTING TSO RELATED CODE.

*
OS43287 360SDN539 MODULE - IGPASR0A
DISPATCHER LOOPS BECAUSE A RB PSW POINTS TO THE DISPATCHER.

*
OS43322 360SU9506 MODULE - **NONE**
CORRECT MESSAGE IS PRINTED, BUT INCORRECT CODE IS SPECIFIED. IEHL02I SHOULD BE IEH601I.

*
OS43353 360SC5505 MODULE - IEFVHH
SMF RECORD 5 HAS INCORRECT FIELDS FOR JOBS CANCELLED IN USER EXIT IEFUJV

*
OS43405 360SNL511 MODULE - IEMXF IEMYN
MESSAGE IEM0578I CANNOT BE IDENTIFIED WHEN USING RELEASE PRIOR TO 20.0 WITH PTF80019 APPLIED. THIS PTF, WHICH WAS DISTRIBUTED WITH RELEASE 19.6, SHOULD HAVE INCLUDED MODULES IEMXF AND IEMYN, WITH THE MESSAGE TEXT, SINCE THESE ARE TIED TO THE MODULE DIAGNOSING THE INCORRECT INITIAL ATTRIBUTE LEVEL. THE MESSAGE TEXT IS GIVEN CORRECTLY IN THE PROGRAMMERS GUIDE, FORM GC28-6594-7.

*
OS43417 360SNL511 MODULE - IEMEP
IEM3843I OR OTHER TERMINAL ERROR IN PHASE IEMEP MAY BE PRODUCED DUE TO A DICTIONARY BLOCK SPILLING PROBLEM, WHICH MAY OCCUR IF THERE IS A PARAMETER TO THE MAIN PROCEDURE.

*
OS43455 360SLM512 MODULE - **NONE**
YOUR PROBLEM IS REALLY A DUPLICATE OF APAR 31710 FIXED IN REL 20.0, BUT THE TASKING PART OF THIS FIX WAS OMITTED. THE COMPLETE SOLUTION WAS INCORPORATED INTO THE FIX MADE FOR APAR 40104 FIXED IN REL 20.1.

*
OS43463 360SNL511 MODULE - IEMRA
TERMINAL ERRORS IEM3852I OR IEM3856I IN PHASE RA IF A PROGRAM REQUIRES MORE THAN 32K OF STATIC INTERNAL, AND A STATEMENT INVOLVES CONVERSION BYBLIBRARY CALL, OR STREAM I/O OF A BASED VARIABLE, AND A SJBSEQUENT STATEMENT REFERS TO THE BASED VARIABLE.

*
OS43490 360SPO500 MODULE - IEKGC2
AFTER APPLYING PTF 41034 THE FORTRAN H COMPILER MAY INCORRECTLY ASSIGN BAD ADDRESSES TO EQUIVALENCED VARIABLES AND ARRAYS OR THOSE EQUIVALENCED INTO COMMON.

*
OS43500 360SPO520 MODULE - **NONE**
MISSING DELIMITER IN FORMAT STATEMENT IS FLAGGED WITH MESSAGE IEY013I SYNTAX AND CONDITION CODE 8 INSTEAD OF WARNING MESSAGE IEY004I COMMA WITH CONDITION CODE 0.

*
OS43506 360SPO520 MODULE - **NONE**
ABEND OC5 DURING COMPILE WITH DEBUG OPTION.

*
OS43527 360SPO520 MODULE - **NONE**
COMPILER OC5 ABEND.

*
OS43560 360SC5505 MODULE - **NONE**
LOOP IN IEFX5000 WHEN UNIT AFFINITY IS SPECIFIED TO A TAPE REQUEST WHICH ITSELF REQUESTS VOLUME AFFINITY TO A DATASET NAME.

*
OS43585 360SC5535 MODULE - **NONE**
UNABLE TO CANCEL PROBLEM PROGRAM WITH OUTSTANDING WTOR AND STAE INTERFACE BECAUSE BYTE 7 OF CONTROL CSCB FOR JOB DID NOT HAVE CANCELLABLE BIT (BIT 4 OF ACTIVITY FLAGS) ON.

*
OS43597 360SC5535 MODULE - **NONE**
IEFSD105 ISSUES FREEMAIN FOR THE REGION AND GETS A 20A BECAUSE X'48' BYTES IN SPO ARE NOT FREE.

*
OS43599 360SC5505 MODULE - IESD577
20A IN IEEPALTR DUE TO ECB/IOB NOT BEING FREED AFTER CANCELLING A CHECKPOINT/RESTART JOB.

*
OS43602 360SC5505 MODULE - **NONE**
SYSTEM DID NOT FLAG FORMAT ERROR IN SPACE PARAMETER.

*
OS43609 360SC5535 MODULE - **NONE**
CHANNEL SEPARATION APPARENTLY NOT BEING HONORED.

*
OS43615 360SC5535 MODULE - **NONE**
PID TAPE 18 CONTAINING MACROS IEFVHWA AND IEFBJCTB HAD, DS AND DC STATEMENTS MISSING. NAMELY TJOBLIB AND JCTSWSM RESPECTIVELY.

*
OS43618 360SC5535 MODULE - **NONE**
LOG COMMANDS ENTERED IN LOWERCASE LETTERS ARE NOT PRINTED FROM THE DATA SET.

*
OS43645 360SC5505 MODULE - **NONE**
WHEN SMP RECORDS ARE SORTED, ABEND '0C1' OCCURS.

*
OS43653 360SC5505 MODULE - IEFKIMP
VOLUME SERIALS IN UCB BEING ZEROED OUT.

*
OS43697 360SDN527 MODULE - **NONE**
BAD DISPLACEMENTS ON MODULES IFCEXXX0, IFCEXXX7, IFCEXXX9, AND IFCEXXXA.

*
OS43710 360SD1508 MODULE - **NONE**
IF A SPECIFIC SL TAPE IS REQUESTED AND AN NL TAPE IS MOUNTED, THE SYSTEM WILL NOT ACCEPT THE TAPE.

*
OS43734 360SD1508 MODULE - **NONE**
WHEN A MULTI-VOLUME DATA SET IS CREATED THE FORMAT 1 DSCB WILL HAVE AN INVALID VOLUME SEQUENCE NUMBER ON THE SECOND AND SUCCEEDING VOLUMES WHEN SMP IS ON THE SYSTEM.

*
OS43748 360SD526 MODULE - I3301963
QISAM RESULE LOAD/FULL TRACK INDEX WRITE, CP18 SEARCH ADDRESS (CCHH) IS INCORRECTABLE I/O ERROR (ATTEMPTING TO WRITE OUT OF EXTENT).

*
OS43806 360SC3535 MODULE - **NONE**
ONE SIDE OF LOOSELY COMPLETED SYSTEM GOES INTO SOFT WAIT BECAUSE OF OUTSTANDING RESERVE TO ONE OR MORE DEVICES FROM OTHER CPU.

*
OS43857 360SC2535 MODULE - IEAQMOA
WHEN ZAP FOR APAR 25410 IS ON THE SYSTEM, NORMAL OPERATION FOR THAT ZAP IS TO TAKE OUT THE JOB STEP ON ANY TASK ABEND. NOTE THAT THE ZAP IS NOT NEEDED IF USER PROGRAMS ARE WELL ENOUGH BEHAVED NOT TO OVERLAY PQES.

*
OS43866 360SD2508 MODULE - **NONE**
001 ABEND WHEN DATA SET HAS ONLY 1 BLOCK ON IT AND IT IS A SHORT BLOCK.

* OS43872 360SC2535 MODULE - **NONE**
UNRESOLVED EXTERNAL REFERENCE IGFRTCB IN 20.0 SYSGEN.

* OS43876 360SI0526 MODULE - IGG019GZ
CYLINDER SWITCHING IN BISAM RETURNS AN UN-REACHABLE BLOCK CONDITION BECAUSE IOBSEK FIELD INVALID.

* OS43927 360SC5535 MODULE - IEFSD062
MSG IHJ007I WITH CODE 36 RECEIVED DURING STEP RESTART ALL SYSOUT IS LAST. THIS FAILURE WAS CAUSED BY BLANK STEP NAME IN SCT DUE TO AN INVALID FIX TO IEFSD062.

* OS43970 360SRC551 MODULE - **NONE**
MERGE COMMAND WHEN ISSUED AFTER A DELETE WILL NOT MERGE BUT ISSUES MESSAGE IHK313.

* OS43989 360SP0520 MODULE - **NONE**
MESSAGE IEY010I INCORRECTLY ISSUED WHEN DATA STATEMENT CONTAINS INITIALIZATION VALUES.

* OS43997 360SP0520 MODULE - **NONE**
OC5 ABEND IN COMPILER

* OS44016 360SC2535 MODULE - IEECVED2 IEE1203D
WHILE PURGING WTOR'S FOR AN ABENDING TASK IEECVED2 MAY FREE A WQE INSTEAD OF A TEMPORARY BUFFER. THIS CAUSES THE SYSTEM OUTPUT QUEUE TO POINT TO AN PQE. IEECVED2 ALSO COULD DO THIS.

* OS44024 360SC2535 MODULE - IEECMED2 IEE1A03D IEACTMOB
IEECMED2 USES THE WQE POINTER IN THE RPQE WITHOUT CHECKING THAT A WQE EXISTS. IT MAY HAPPEN THAT A TASK ISSUES A WTOR, GETS AN RPQE GETS ENQ'D WAITING FOR A WQE, THEN THE TASK IS CANCELLED. THE RPQE WHEN PURGED DOES NOT HAVE AN ASSOCIATED WQE.

* OS44070 360SDN533 MODULE - IFDOLT00
INITIAL ABEND WAS CAUSED BY OLT DATA TAPE NOT HAVING TRAILER LABEL, 137 ABEND OLTEP ABENDS IN ITS STAB EXIT ROUTINE WHEN RETURNING TO OLT TO ALLOW OLT TO CLEANUP.

* OS44072 360SD2554 MODULE - IMDPRPMS
IMDPRDMP DOES NOT PRINT GENERAL REGISTERS WHEN ENTIRE DUMP DATA SET IS PRINTED FOLLOWING A FORMAT ERROR.

* OS44119 360SDM509 MODULE - IGG019KA
ON VS OR FT RECORDS, WERE MORE THAN ONE EXCP IS REQUIRED FOR A RECORD, THE DECB OPTIONS WERE BEING ZEROED OUT AFTER THE 1ST EXCP CAUSING SUBSEQUENT CHANNEL PROGRAMS TO BE BJILT INCORRECTLY.

* OS44126 360SI0526 MODULE - **NONE**
DCBOVDEV FIELD SETUP WRONG.
OC6 ABEND RESULTS.

* OS44134 360SC2535 MODULE - **NONE**
BAD BASE REG IN MVC INSTRUCTION AFTER LABEL ERRPLUSH IN SIRB FETCH SEQUENCE CODE WITHIN IRAQNU. BASE REG OF ZERO USED CAUSING STORING INTO I/O OLD PSW.

* OS44141 360SI0526 MODULE - **NONE**
OP2 IN IGG019HB EXECUTION OF READ EXCP. THIS IS CAUSED BY IOB EXTENT BEING SET TO ZERO.

* OS44160 360SD2508 MODULE - **NONE**
WRONG ACCESS METHOD IS LOADED FOR VARIABLE SPANNED TAPE DATA SET IF CHAINED SCHEDULING IS SPECIFIED - MODULE IGG0191Q MADE A BAD TEST FOR VARIABLE LENGTH SPANNED RECORDS AND PASSED CONTROL TO WRONG OPEN EXECUTOR.

* OS44212 360SC5505 MODULE - IEESD575

OC6 ABEND IN IEESD575 MAY OCCUR IN ATTEMPTING TO CANCEL SYSOUT ON AN UNMOUNTED VOLUME DUE TO THE ABSENCE OF AN END OF UCB POINTER CHECK IN IEESD575 UPON RETURN FROM IEESD581.

* OS44217 360SC5505 MODULE - **NONE**

ALL TASK GET 130 ABEND AFTER APPLICATION OF PTF40985. PTF SHOULD NOT HAVE BEEN APPLIED OVER PTF 40871 OR 40966

* OS44227 360SC5535 MODULE - **NONE**

AVR CAUSES DISMOUNT OF SCRATCH TAPE FOLLOWED BY REQUEST FOR SCRATCH VOLUME.

* OS44246 360SFO500 MODULE - IEKGCZ

AFTER APPLYING PTF 41034, THE FORTRAN H COMPILER MAY INCORRECTLY ASSIGN BAD ADDRESSES TO EQUIVALENCED VARIABLES AND ARRAYS OR THOSE EQUIVALENCED INTO COMMON. A COMPILER ABEND MAY RESULT ALSO WITH PHASE SWITCH 08.

* OS44255 360SFO500 MODULE - IEKGCZ

AFTER APPLYING PTF 41034, THE FORTRAN H COMPILER MAY INCORRECTLY ASSIGN BAD ADDRESSES TO EQUIVALENCED VARIABLES AND ARRAYS OR THOSE EQUIVALENCED INTO COMMON. THIS MAY RESULT IN A SPECIFICATION ERROR AT EXECUTION.

* OS44271 360SED521 MODULE - **NONE**

EXTRA HYPHEN IN LINKAGE EDITOR HEADING.

* OS44272 360SFO520 MODULE - **NONE**

OC5 ABEND IN IEYGEN AT OPERAND RUN ROUTINE.

* OS44286 360SFO520 MODULE - **NONE**

OC1 COMPILER ABEND.

* OS44301 360SU1506 MODULE - IEHMVSR

AFTER RELOADING A PDS TO A PREALLOCATED DATASET HAVING A BLOCKSIZE THAT IS DIFFERENT FROM THE ORIGINAL BLKSIZE, IEHMOVE ABENDS 60A.

* OS44344 360SU4506 MODULE - **NONE**

OC5 ABEND WHEN INPUT RECFM=VS AND OUTPUT RECFM=VBS

* OS44423 360SC7535 MODULE - IEFSD070

WHEN USING PCI, THE SYSOUT WRITER SUBTASK MAY BE ATTACHED AND THE TCB OVERLAYED BEFORE COMPLETION OF ALL OUTSTANDING I/O. WHEN THE SMP ROUTINES ARE ENTERED FROM IOS, THE WRITER MAY GO INTO A WAIT STATE. WHEN SMP IS ENTERED FROM ERP, AN OFX ABEND MAY OCCUR.

* OS44434 360SC2535 MODULE - **NONE**

IF ABTERM IS ENTERED WITH THE TYPE-1 SWITCH SET, THE CURRENT ICB IS UNCONDITIONALLY ABENDED WITHOUT ANY CONSIDERATION BEING GIVEN TO THE FACT THAT THE TCB ADDRESS PASSED BY THE CALLER IN REGISTER 0 MAY NOT BE THE CURRENT ICB. IN THE CURRENT SITUATION, THIS CAUSED THE SYSTEM ERROR TASK TO ABEND ERRONEOUSLY WHEN ABTERM WAS ENTERED BY SVC15.

* OS44451 360SC5505 MODULE - IEFVEA

APPLICATION OF PTF41097 CAUSES LOOP IN SYSOUT WRITER WHEN CHECKPOINT RESTART HAS TO SEARCH FOR STEP TO BE RESTARTED. APPLICATION OF PTF 41087 CAUSES LOOP IN SYSOUT WRITER WHEN CHECKPOINT RESTART HAS TO SEARCH FOR STEP TO BE RESTARTED.

* OS44464 360SI0526 MODULE - IGG01921

PROG. CHK IN IGG0202L (CLJSE) DUE TO R4 GOING NEGATIVE. R4 LOADED FROM DCBLRAN.

* OS44492 360SC7535 MODULE - IEFSD081

TEST FOR 3211, X'09' IN UCB TYP FIELD NOT VALID WHEN OUTPUT DEVICE IS A 1443. IEFSD081 ATTEMPTS TO PICK UP POINTER TO UCB EXTENSION WHICH IS VALID ONLY FOR 3211.

*
OS44497 360SDM509 MODULE - **NONE**

BDAM VS RECORDS MAKES WRONG CALCULATION FOR LENGTH CHECK AND WILL FIND RECORD SEGMENT TO BE INCORRECT LENGTH.

*
OS44519 360SD3554 MODULE - **NONE**

SERVICE AIDS SRL GC28-6719-1 MISTAKENLY SHOWED A COMMA BETWEEN THE STARTING AND STOPPING CCHHR FIELDS FOR THE ABSDUMP CONTROL STATEMENT.

*
OS44555 360SC5505 MODULE - **NONE**

THE C286539 JCL SRL CONTAINS CONFLICTING STATEMENTS ON THE USE OF THE NAME FIELD ON CONTROL STATEMENTS. PG 13 STATES THAT A NAME MAY BEGIN WITH ALPHABETIC OR NATIONAL CHARACTER. PG 15 STATES THAT 1ST CHARACTER MUST BE ALPHABETIC.

*
OS44569 360SC5535 MODULE - IEP5D101

ABEND 804 WHEN FETCH ATTEMPTS TO GET CORE FOR IEPW21SD. IEP5D101 FAILED TO INDICATE THAT MINPART SHOULD BE OBTAINED FOR THE JOB.

*
OS44609 360SC2535 MODULE - IEAQAB00

SCHEDULED ABEND NEVER TOOK EFFECT BECAUSE RBWCF WAS NOT ZEROED. TASK WAS NOT DISPATCHED.

*
OS44621 360SDN527 MODULE - IFCEPAS1

EREP USED THE WRONG OFFSET TO PICK UP THE PARITY BITS FOR THE ACCUMULATOR.

*
OS44662 360SPO520 MODULE - **NONE**

WRONG ARRAY INDICES WITH NESTED DO'S RESULTING IN BAD OUTPUT.

*
OS44681 360SPO500 MODULE - IEKRSX

WHEN A VARIABLE IS STORED BEFORE A CALL AND IS USED AFTER A CALL TO A SUBROUTINE THE COMPILER SHOULD RESTORE THE VALUE OF THE VARIABLE.

*
OS44698 360SPO500 MODULE - IEKAINIT

WHEN THE EDIT OPTION AND EITHER OPT=0 OR OPT=1 ARE BOTH SPECIFIED TOGETHER, THE COMPILER MAY NOT DEFAULT TO THE CORRECT SYSGEN OPTIONS.

*
OS44699 360SPO500 MODULE - IEKRBP

WHEN A COMPLEX FUNCTION CALL IS THE LAST STATEMENT IN THE BLOCK, THEN UPON RETURN FROM THE CALL, THE REAL PART AND IMAGINARY PART OF THE RESULT ARE BOTH IN THE REGISTER 0.

*
OS44716 360SLM501 MODULE - **NONE**

FORTRAN PROGRAM PRODUCES ERROR MESSAGES IHC207I OVERFLOW WHEN RUNNING ON RELEASE 19.6. SAME PROGRAM PRODUCES ERROR MESSAGES IHC208I UNDERFLOW WHEN RUNNING ON RELEASE 18.

*
OS44720 360SPO500 MODULE - IEKQSM IEKQSR

ON OPT = 2, A COMPILATION DELETED 5 MAY OCCUR DURING TEXT OPTIMIZATION (PHASE 20).

*
OS44737 360SC5505 MODULE - IEPVFA

JCL ERROR NOT DETECTED BY MODULE IEPVFA. SPACE PARAMETER PARENTHESIS OMISSION NOT DETECTED.

*
OS44761 360SC5505 MODULE - **NONE**

IF A JOB IS CANCELED FROM THE HOLD Q BUT HAS NOT BEEN THROUGH TERMINATION YET AND THE OPERATOR ATTEMPTS TO 'RESET' OR 'RELEASE' THE JOB MSG. IEE301I IS ISSUED.

*
OS44809 360SI0526 MODULE - **NONE**

USING ANS-COBOL 'WRITE' TO UPDATE AN ISAM FILE, WHEN ONLY ONE RECORD IS BEING WRITTEN TO THE FILE, THIS RECORD IS LOST.

* OS44810 360SD2508 MODULE - **NONE**

USING BSAM WITH TRACK OVERFLOW DCBDVTBL FIELD IN DCB IS OVERLAID CAUSING UNPREDICTABLE RESULTS. THE PROBLEM IS CAUSED BY IGG019C1 GOING TO THE CONVERT ROUTINE WITH A BAD REGISTER 2.

* OS44865 360SC1548 MODULE - IGG019R0 IGG019RN IEDQKA IEDQKC IEDQKB IEDQKD IEDQKE IGG019Q5 IGG019Q2 IGG019Q3 IGG019Q4

WHEN CANCEL KEY IS DEPRESSED ON AUTOPOLLED 1050, TCAM READS IN ONE BAD CHARACTER SINCE RESTART ADDRESS IS ONE BYTE TOO HIGH.

* OS44959 360SC2535 MODULE - **NONE**

IEAQTMOA, APPLIED UNDER PTF 41036, WILL LOOP AS A RESULT OF A RETURN REGISTER BEING OVERLAYED IN AN INTERNAL SUB-ROUTINE.

* OS45008 360SDN527 MODULE - **NONE**

OC1-B06 ABEND IN MODULE IGE0525P. THE ROUTINE LOOSES CONTROL UNEXPECTEDLY AND IS REENTERED WITHOUT PROPER SWITCH SETTING.

* OS45038 360SFO520 MODULE - **NONE**

ABEND AT EXECUTION TIME IF COMPILER PARAMETER LIST DOES NOT CONTAIN >ID> OPTION.

* OS45041 360SFO520 MODULE - **NONE**

OC5 ABEND DURING COMPILE.

* OS45055 360SFO520 MODULE - **NONE**

A DIMENSIONED ARRAY IS NOT INITIALIZED TO ZEROS IF THE DIMENSION STATEMENT IS FOLLOWED BY A DATA INITIALIZATION STATEMENT.

* OS45064 360SFO520 MODULE - **NONE**

MISSPELLED WORD CAUSED COMPILER TO PROGRAM CHECK WITH OC6 IN IEYINT.

* OS45067 360SFO500 MODULE - **NONE**

FORTRAN COMPILER ISSUES A COMPILATION DELETED .2 DUE TO AN ADDRESSING ERROR AFTER PRINTING CROSS REFERENCE LISTING (IF REQUESTED).

* OS45223 360SDM509 MODULE - IHB01

IHB01 TURNS ON INVALID BIT CONFIGURATION ('09') FOR OPTCD IF BDAM WITH REL TRACK ADDRESSING IS SPECIFIED. THIS MAY CAUSE PROBLEMS IN BOTH BDAM OR IF BSAM IS USED IN CONFUSION WITH ASCII COBOL.

* OS45345 360SC5535 MODULE - IEEVWAIT

OC5 ABEND IN IEEVWDAR SECTION OF IEEVWAIT INCORRECT REGISTER USAGE WERE INVOKED CONTRARY TO THE NEW 'USING' INSTRUCTIONS.

* OS45399 360SD2554 MODULE - IMDPRDMP

IMDPRDMP WITH PTF 40812 PRINTS 2 SETS OF REGISTERS WHEN RUN WITH AN INPUT TAPE GENERATED IN A NON MP ENVIRONMENT.

* OS45400 360SD1554 MODULE - IMDSADMP

IMDSADMP WITH PTF 40812 ASSOCIATES THE WRONG CPU ID WITH THE REGISTERS IN AN MP SYSTEM TO BE PRINTED BY IMDPRDMP.

* OS45405 360SC2535 MODULE - **NONE**

IF 2 OR MORE SUBTASKS OPEN THE DJMP DATA SET CONCURRENTLY, NO DUMP WILL BE PRODUCED.

* OS45518 360SC2535 MODULE - IEAQTMO0 IEAQTMOA

ASYNCHRONOUS POSTS WILL COME HOME CAUSING THE COMPLETION CODE TO BE OVERLAID WITH A X'202' AFTER THE ZAP FOR APAR 32587 IS APPLIED.

*
OS45550 360SRC541 MODULE - IKADIR
NO BASE REGISTER IN THE INSTRUCTION THAT TESTS FOR
COMPLETION OF I/O.

*
OS45552 360SC2505 MODULE - **NONE**
ABEND/ABDUMP-SNAP DOES NOT CHECK CONDITION CODE
IN RETURNED IN REG. 15 IF NO CORE AVAILABLE TO SATISFY A
GETMAIN. THINKING THAT THE CORE WAS GOTTEN, AND USING REG.1
FOR THE ADDRESS OF THAT CORE, LOW CORE GETS OVERLAYED.

*
OS45570 360SD1508 MODULE - **NONE**
ABEND 737 IN IGG0550J DUE TO FAILURE TO
CLEAR AREA IN WHICH BLDL LIST IS BUILT.

*
OS45591 360SIO526 MODULE - IGG0192W
FOR VLR ISAM, WHEN ITS LEFT TO ISAM TO CALCULATE
THE WORK AREA SIZE, THE WORK AREA GOTTEN IS NOT
LARGE ENOUGH AND IS OVERRUN. HAPPENS WHEN RE-
MAINDER OF DIVISION IN METHOD 2 FORMULA IS VERY
SMALL.

*
OS45661 360SFO500 MODULE - IEKCDT
THE FORTRAN H COMPILER WILL INVALIDLY ISSUE ERROR
MESSAGE IEK093I FOR A TYPE STATEMENT AS FOLLOWS:
INTEGER*2 COMMA/1H,/,QUOTE/1H'/

*
OS45670 360SFO500 MODULE - GEV GCZ
AFTER APPLYING PTF41034 THE FORTRAN H COMPILER MAY ABEND
WITH MESSAGE IHC210I, PHASE SWITCH IS 00000008.

*
OS45690 360SFO520 MODULE - **NONE**
NO ERROR MESSAGE GIVEN WHEN NAMED IS
INITIALIZED IN A NON-BLOCK DATA SUBROUTINE.

*
OS45721 360SD1554 MODULE - IMDSADMP
ASSEMBLY ERROR MESSAGE IS PRODUCED WHEN USING
IMDSADMP WITH PTF 40812 TO GENERATE A NON MP STAND
ALONE DUMP PROGRAM.

*
OS45730 360SDN533 MODULE - IPDOLFOO
ON-LINE TEST T2250L HAS PROGRAM ERROR CAUSING OC4
ABEND. OLTEP STAE EXIT ROUTINE IS ENTERED AND GOES
BACK TO OLT WITHOUT SETTING UP REGISTER ONE,
WHICH WILL CAUSE AN ABEND WITHIN STAE.

*
OS45829 360SC5505 MODULE - **NONE**
MSGIEF440I AND IEP397I WHEN ISSUING A STOP COMMAND TO A
DSO WTR USING TAPE. MPT ONLY.

*
OS45987 360SC2505 MODULE - **NONE**
PROG CHECK IN TSLIH BECAUSE STM IS BEFORE THE BALR FOR
ADDRESSABILITY.

*
OS45990 360SC2535 MODULE - IEAQTI00
PTF 40705 CONTAINS AN ERROR SUCH THAT REG 15 IS USED AS A
BASE REGISTER BEFORE BEING INITIALIZED. AS A RESULT SOME
CODE IN THE NUCLEUS IS OVERLAYED AND A PROGRAM CHECK OCCURS.

*
OS46015 360SC2535 MODULE - **NONE**
THE QUIESCE OPTION BEING USED BY ASIR DOES NOT INDICATE
PURGE BY TCB. ALSO, THE SAME PARAMETER LIST IS BEING USED
FOR PURGE WITH HALT I/O AS IS USED FOR PURGE WITH QUIESCE.

*
OS46064 360SD2508 MODULE - **NONE**
ABEND 002 ISSUED FROM IGG01980. JOB
RESUBMITTED AND RUNS.

*
OS46127 360SC2505 MODULE - **NONE**
IN A NUCLEUS OR I/O GENERATION THE PARAMETER FOR SMP IS
NOT SET BY SYSGEN MACRO SGIEE201. THE PLACE IN THE MACRO
IN A NUCLEUS OR I/O GENERATION THE PARAMETER FOR SMP IS
NOT SET BY SYSGEN MACRO SGIEE201. THE PLACE IN THE MACRO
THAT SETS THIS PARAMETER IS BRANCHED AROUND IN A NUCLEUS
OR I/O SYS GEN.

*
OS46184 360SFO520 MODULE - **NONE**
BAD CODE GENERATED WHEN REFERENCING VALUES IN A DQ.

*

OS46209 360SC2535 MODULE - **NONE**

IGCOB01C USES THE SAME PARAMETER LIST FOR PURGE WITH HALT
I/O THAT IT DOES FOR PURGE WITH QUIESCE.

(2-87
thru
2-90
deleted)

SECTION 2: PROGRAM SYMPTOM INDEX FOR CORRECTED ITEMS

This program symptom index directs the reader to a detailed description of a known program problem that has been corrected in release 20. (Descriptions can be found in the preceding section.)

The index is arranged by component. Entries within each component grouping are defined by "Circumstance" keywords. Circumstance keywords are divided into two categories. They are:

1. How did it fail?

(Keywords such as ABEND, WAIT, LOOP, MSG, and I/O are used.)

2. What was being done?

(Keywords such as ASSY, EXEC, CMPL during ASM, CBL, ALG, FOR, PL1, RPG, and I/O, DUMP, LKED, SORT, SYSGEN, TP, CNTRLPROG are used.)

These keywords are further defined by subkeywords found in the abstract of the problem.

Each entry is defined as follows:

CMPNT -- Program component in which the error occurred. PROSE is used as a dummy component to indicate temporary restrictions.

CIRCUMSTANCE -- Keyword which indicates how the failure occurred or what was being done when the failure occurred.

DESCRIPTION -- The first part of this entry contains subkeywords which further define the problem. The remainder of this entry contains an abstract of the problem.

APAR # -- Number of APAR submitted to report the problem, preceded by the letter 'P'. Prose numbers are preceded by the letter 'X'.

FIXD -- Release number in which the APAR was fixed or is scheduled to be fixed.

ACTON -- Indicates circumvention, if available, permanent restriction and PTF numbers, when applicable.

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #	FIXD	ACTON
AS037 ABENDB37	EXEC-IEUF71-SYSPRINT UNBLOCK IF RECFM NOT = TO FMB OR FMBT		P39012	F206	CRCMV
AS037 LOOP	ASSY-IEUF2- IF FIRST RECORD OF SYSTEM MACRO CONTAINS GARBAGE.		P39567	F206	60022
CB545 ABENDB0A	EXEC-IKFCBL50-AFTER CLOSE OF BISAM FILE		P43504	F206	S/ZAP
CB545 ABENDC03	CMPL-IKFCBL00-DCB'S FOR SYSLIB + SYLIB NOT CLOSED		P43123	F206	
CB545 ABENDOCX	EXEC-ILBOVM00-SORT W/VARIABLE LENGTH RECORDS FIRST TO REC BAD 07/0		P40342	F206	
CB545 ABENDOC4	EXEC-ILBOVM00-SORT VERB WITH VARIABLE LENGTH REC		P40342	F206	
CB545 MSGIKF1007I	CMPL-IKFCBL10-VALID CONTINUATION OF WORD NOT ACPT		P42689	F206	
CI5X5 ABENDA0A	C5MFT-IEESD562-IEEDFINB-ISSUE ENQ MACROS USING RET= HAVE OPTION		P40802	F206	41153
CI5X5 ABENDA0A	C5MFT-IEFSD518-OVRLYS CODE ISSUING MSG IEF183		P42972	F206	41153
CI5X5 ABENDC01	C2TSO-IKJEAS01-FIRST 2 BYTES OF IKJEAS02 ZEROED OUT		P43831	F206	41258
CI5X5 ABENDOCX	C5MVT-IEFX5000-IEFX3000 LCTPARM3 FIELD OF LCT CONTA INS ZERO'S 07		P39477	F206	41154
CI5X5 ABENDOC1	C5MVT-IEFVHA-IN READER AFTER PERM. I/O ERROR		P38439	F206	41151
CI5X5 ABENDOC1	C9505-IODEVICE,DUMMY UCB DA COUNT SET INCORRECT		P42895	F206	
CI5X5 ABENDOC2	C5MFT-IEESMFD0-DCB LIST POINTER NOT CLEARED		P38636	F206	41150
CI5X5 ABENDOC5	C2TSO-IKJEAT04-INVOKING IKJEAT08 VARIOUS PROBLEMS		P43049	F206	41258
CI5X5 ABENDOC5	C5MFT-IEFX3000-TRYING TO USE LCTPARM3 FIELD THAT IS 0 07/01/71,PO'		P39477	F206	41154
CI5X5 ABENDOC5	C5MVT-IEFVMB-GC28-6703-RDR ABEND FROM //GO. DD CARD		P40257	F206	41151
CI5X5 ABENDOC5	C5MVT-IEFX500-STORES BAD UCB ADDRESS IN LCT-PARM3 07/02/71,PO'KEEP		P39477	F206	41154
CI5X5 ABENDOC5	C5MVT-IEFZGST1-DUE TO INVALID TTR PASSED TO CONVERT ROUTINE 04/07/		P39026	F206	41154
CI5X5 ABENDOC55	CC505 IGC0009A REG 6 IS NOT INITIALIZED WITH ADDR OF VOLUME STATIST		P42328	F206	
CI5X5 ABENDOC6	CLTSO-IKJLKLO1-LINK * PRINT * OR NO DS NAME SPEC		P43146	F206	41227
CI5X5 ABENDOC6	C5MFT-IEFZGST2-OC6 PGM CK IN TTR CONVERT BAD TTR FROM IEFQMRW		P37631	F206	41154
CI5X5 ABENDOC9	C2TSO-IKJEAD02-WHEN USER HAS 0 TIME IN CORE		P46410	F206	
CI5X5 ABEND013	CN505-IFASMFDP,013 ABEND BLKSIZE NOT ADEQUATE		P42348	F206	
CI5X5 ABEND180	C5MFT-IEESD575-OR MSG IEE120I TRYING TO CONVERT 0 DSB		P42594	F206	41153
CI5X5 ABEND106	C6505-IEWFTHSL,ABEND WITH PTF 70255 APPLIED		P42425	F206	
CI5X5 ABEND106	C6505-IEWFTMIN,SKIPPED RECORDS ON S/370 CPU		P43249	F206	
CI5X5 ABEND106	C6505-IEWFTPCI,IO ERRORS FETCHING MODULES		P42893	F206	70403
CI5X5 ABEND106	C6535-IEWFELCS,BAD SEEK ADDRESS BUILT BY MODULE		P42868	F206	70406
CI5X5 ABEND106	C6535-IEWFETCH,FALSE LAST EOF CONDITION		P42869	F206	70429
CI5X5 ABEND30A	C5MFT-IEFSD110-IEFSD112-ATTEMPTING TO LOGON		P42963	F206	41153
CI5X5 ABEND32D	C6505-IEWFTMIN,1ST RECORD OF EXTENT SKIPPED CCHHR IN IT TO 1 SB 0.		P41224	F206	70427
CI5X5 ABEND32D	C6535-IGC037,32D ABEND INTERMITTENT DURING COMPILE FORTRAN 08/10/7		P42869	F206	70429
CI5X5 ABEND400	C5MVT-IEFZGST1-DUE TO INVALID TTR PASSED TO CONVERT ROUTINE		P39026	F206	41154
CI5X5 ABEND413	C5MFT-IEFXV001-W/MOUNT MSG FOR DIRECT ACCESS VOL		P41884	F206	41154
CI5X5 ABEND413	C5MVT-IEFX5000-TWO WORK FILES ALLOC TO 1 DEVICE		P39477	F206	41154
CI5X5 ABEND60A	C9505-CTRLPRG-MACRO,NOT CHECK SYSQUE FOR MULTIPLE OF 8 BYTES.		P41660	F206	
CI5X5 ABEND80A	C2MVT-IEESD575-WHEN CANCELLING FROM HOLDQ 08/13/71,PO'KEEPSIE		P41722	F206	
CI5X5 ABEND80A	C2MVT-IEESD575-IEESD581-WHEN CANCEL JOB IN HOLD QUE 08/12/71,PO'KE		P41722	F206	
CI5X5 ABEND80A	C2MVT-SCHED-IEFVEA-WHEN JOB CANCELLED IN HOLDQ		P41722	F206	
CI5X5 IEIGEN212	C9505-ASSEMBLER ERROR STAGE ONE SYSGEN		P42896	F206	CRCMV
CI5X5 IEIGEN212	C9505-ASSEMBLER ERROR STAGE ONE SYSGEN		P42896	F206	CRCMV

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #-FIXD-ACTON
C15X5 INCORROUT	CA505-IEC23XF,MULTIPLE -T- RECORDS ON LOGREC		P42863 F206 70395
C15X5 INCORROUT	C1505-PTR-IGE0525F,IGE0000G,IC, SDR NOT RECORDING UCS PARITY ERR NO		P35195 F206
C15X5 INCORROUT	CKTSO-IGG019T3-4 EXTRA BYTES WHEN USE SNAP MACRO + ALLOC DD		P42898 F206
C15X5 INCORROUT	CLTSO-IKJEWHLD-IKJEWHLK-USE OF I INSTEAD OF I ON LINK + LOADGO		P43147 F206
C15X5 INCORROUT	C2MFT-IEEVRC-IF COMMAND MISSPELLED FIRST TIME 07/01/71,PO*KEEPSIE		P40826 F206 41150
C15X5 INCORROUT	C2MVT-IEAANIPO-NIP'S ALGORITHM FOR APPLY ECF INVAL		P43057 F206 S/ZAP
C15X5 INCORROUT	C2MVT-IEAQPR-IF HI SPECIFIED W/NO LCS HOWRE INVALID RETURN COE ISSU		P42828 F206 41110
C15X5 INCORROUT	C2MVT-SGIEA2NP-M85 EMUL CODE ERRON INCLUDED IN NIP 08/04/71,PO*KEE		P42274 F206 41097
C15X5 INCORROUT	C2TSO-IKJEAD02-WHEN TASK DISPATCH EXACTLY AT MIDNIT		P42819 F206 41274
C15X5 INCORROUT	C2TSO-IKJEAD02-DCA CONTAINS WRONG VALUE FOR REGION NUMBER.		P44610 F206 41274
C15X5 INCORROUT	C2TSO-IKJEAS01-CMD REJECT FORMAT SWAP DS ON 3330		P42835 F206
C15X5 INCORROUT	C2TSO-IKJEAT00-SRL GC-28-6691-MISC ERRORS		P44022 F206
C15X5 INCORROUT	C2TSO-IKJEAT07-DOES NOT PASS TJID TO IKJEFLS		P42840 F206 41258
C15X5 INCORROUT	C3505-IGE0100F,UCSB RECORD INVALID FORMAT		P42862 F206
C15X5 INCORROUT	C5MFT-EXEC-IEE0503D-IGC0503-FAIL TO EXIT W/UNUSED MSG		P40709 F206 41150
C15X5 INCORROUT	C5MFT-IEE1403D-IEE0503D-MSG IEE706I BUILT INCORRECT		P42984 F206 41150
C15X5 INCORROUT	C5MFT-IEE5403D-DOES NOT SAVE STATUS FLAGS IN 2ND HALFWORD BUFF		P41171 F206 41150
C15X5 INCORROUT	C5MFT-IEFVFA-DSNAME ACPTS SYMBOLIC IN LITERAL		P39526 F206 41151
C15X5 INCORROUT	C5MFT-IEFVHCB-9CHAR STEPNAME IN OVRRIE DD STMT ISR ACPT W/NO ERR M		P40034 F206 41151
C15X5 INCORROUT	C5MFT-IEFVHG- RESTART ON MFT REQUIRES /* DELIMITER FOR SYSIN DATA		P40020 F206 41151
C15X5 INCORROUT	C5MFT-IEFVRR2-FAILS TO PASS 2ND VOL OF 2 VOL DS 08/03/71,PO*KEEPT		P38666 F206 41151
C15X5 INCORROUT	C5MFT-IEFX5000-ALLOC RCVRY AFTER ASP SETUP USING DUMMY DDNAME		P43543 F206 41154
C15X5 INCORROUT	C5MFT-IEFZGST1-WARM START DOES NOT SCRATCH DS ON DATA CELLS		P40005 F206 S/ZAP
C15X5 INCORROUT	C5MVT ALLOC TWO JOBS ALLOCATE SAME DRIVE SIMULTANEOUSLY 09/20/71,		P39477 F206 41154
C15X5 INCORROUT	C5MVT-IEFVJIMP-BIT IN SYSOUT MSG CLASS QMPA WRONG IF STEP NOT RUN		P38466 F206 41154
C15X5 INCORROUT	C5MVT-IEFXCSSS-VARYING A BIN OF A DATA CELL ON LINE		P37277 F206 41154
C15X5 INCORROUT	C5MVT-IGC6103D-6203D-OVRLAY CORE AFTER A D M CMD		P43044 F206
C15X5 INCORROUT	C5MVT-IKJEFA12-IKJEFA13-MSG ISSUED WHEN ADD DATA E CMD TO UADS		P41868 F206 41152
C15X5 INCORROUT	C5MVT-INSTREAM PROC W/ADDED DD CARDS CAUSES MISSING EXEC CARD 08/1		P41878 F206 41151
C15X5 INCORROUT	C5PCP-EXEC-IEFYNIMP-AFTER JOB RESTART,WTP MSG APPEA TWICE		P33712 F206 41154
C15X5 INCORROUT	C5TSO-IKJEFE03-IKJEFE05-EXEC CMD PUTS OUT INCOMPLET MESSAGE		P42619 F206 41152
C15X5 INCORROUT	C9MFT-ASSY-SGGEN100 6830 TEST WRONG PARTITION.		P42193 F206
C15X5 INCORROUT	C9505-GENERATE,IO ONLY GEN PRODUCES BAD SYSLMOD DD DSN OF IEANUCO I		P42430 F206 CRGMV
C15X5 INCORROUT	EXEC-IKJEAT08-DUMP DESTROYS ADR OF TSC'S TCB IN DEB		P42830 F206 41258
C15X5 LOOP	C5MFT-EXEC-IEEDFIN9-DIPATCHER LOOPS DURING REDEFINITION		P39436 F206 41150
C15X5 LOOP	C2TSO-EXEC-SVC NEW PSW OVERLAID BY IQE CAUSING PC LOOP 09/28/71,P		P44022 F206
C15X5 LOOP	C2TSO-IEAQBOO-AFTER OCI IN IKJEAR01 REGION CONTROL TASK 10/07/71,		P44022 F206
C15X5 LOOP	C2TSO-IKJEAR02-IKJEA402-CODE DOES NOT CHK FOR RBTAB NO		P43833 F206
C15X5 LOOP	C2TSO-IKJEAS02-DUE TO NOT CLEAR SWAP REQ BLOCK		P45519 F206
C15X5 LOOP	C2TSO-IKJEAS02-START CCH FIELD NOT UPDATED		P42109 F206
C15X5 LOOP	C5MFT-PRINTING MSG IEE360I		P40924 F206 41150
C15X5 LOOP	C5MVT-IEFWA000-SPLIT REQUEST AND MORE THAN ONE UNIT		P38088 F206 41154

COMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #--FIXD-ACTON
C15X5 LOOP	C5TSO-IKJEFE01-WHEN ATTENTION HIT DURING EXEC CMD		P42620 F206 41152
C15X5 LOOP	C6535-IEWFETCH,LOOPS IN IOS WHEN USING PCI 08/10/71,SAN JOSE		P42869 F206 70429
C15X5 MSG	C5MVT-IEFWD000-IF MT TO TAPE VOL FOLLOWS MT TO DC		P40678 F206 41154
C15X5 MSGIEA000I	CA5X5-IEC23XF SEEK ADDRESS NO IN ERROR MSG WITH DDR IN SYSTEM		P40851 F206
C15X5 MSGIEA000I	CA505-IEC23XF,DISK ADDRESS NOT PROVIDED-DATA CHECK		P40851 F206
C15X5 MSGIEA000I	CCMVT-IGE0100I-MSGIEA000I-ROUTING NOT AS STATED IN MSG AND CODES		P35830 F206
C15X5 MSGIEA000I	CC5X5-IGE0100I-IGE0400I,INVALID JOBNAME GENERATED MSGIEA000I.		P40906 F206
C15X5 MSGIEA000I	CC535-IGE0100I,EXCESSIVE MESSAGE LENGTH OVERLAYS END OF LINE CHAR.		P40267 F206
C15X5 MSGIEA111A	C2MVT-EXEC-IEAIPLOO-NUC,SQA,NIP CANNOT FIT IN 256K AS REQUIRED 09/		P26272 F206 40981
C15X5 MSGIEA125I	C2MVT-SGIEA2NP-APPEARS IN ERROR FOR NON-M85 AT IPL		P42274 F206 41097
C15X5 MSGIEC130I	C5MVT-IEFVHCB-OVERRIDE ON INSTREAM PROC GIVES MSG. 08/23/71,PO*KEE		P41878 F206 41151
C15X5 MSGIEC130I	C5MVT-OVERRIDE ON INSTREAM PROC GIVES MSG 08/23/71,PO*KEEPSIE		P41878 F206 41151
C15X5 MSGIEE361I	C5MFT-IGC0008C-INCORRECT SETTING OF SWITCHES 09/17/71,PO*KEEPSIE		P40924 F206 41150
C15X5 MSGIEE914I	C3MVT-DAVV USED WITH NON STANDARD ERROR ROUTINES		P42468 F206
C15X5 MSGIEF215I	C95X5-GENERATE JCL ERROR IN DSNAME XXX,SL FIELD UT1SDS OR UT2SDS AN		P42445 F206
C15X5 MSGIEF233A	C5MVT-MSG FOR TAPE HAS DATACELL FORMAT AFT DATA MT, ISSUED 08/05/7		P40678 F206 41154
C15X5 MSGIEF238A	C5MVT-IEFXT002-IEF238A-NO ROUTE CODE MOVED		P39059 F206 41154
C15X5 MSGIEF238A	C5MVT-IEFXT002-IEF238A-NO ROUTE CODE MOVED		P39059 F206 41154
C15X5 MSGIEF244I	C5MFT-IEFWA000-UNABLE TO ALLOCATE 2321 BIN		P43685 F206
C15X5 MSGIEF251I	C5MFT-IEFWEXTA-CANCELED JOB WAIT TO MOUNT DISK-MSG IS GARBAGE		P41238 F206
C15X5 MSGIEF280E	C5MVT-IEFZGST1-KEEP MSG ISSUED WITHOUT PRIOR MT MSG		P41152 F206 41154
C15X5 MSGIEF283I	C5MFT-IEESD581-2ND PART OF MSG CONTAINING VOL SERIALS IS MISSING		P43019 F206 41153
C15X5 MSGIEF430I	C5MFT-IEFVHG-WHEN JCL RESUBMITTED 07/23/71,PO*KEEPSIE		P40020 F206 41151
C15X5 MSGIEF647I	C5MVT-IEFVFB- JCL SUBSTITUTION FAILURE		P41170 F206 41151
C15X5 MSGIKJ56700	C5TSO-IKJEFROO-NO HELP INFO FOR PL1 OPERANDS		P42961 F206 41152
C15X5 MSGIKJ573I	C5MFT-IEFSD31Q-JOB ENDED NEVER APPEARS-INCORR LNGTH		P42613 F206 41153
C15X5 PERFM	CG505-RESTART-IHJACP30,JPAQ POINTER IN PIB ZERO.		P38478 F206
C15X5 PERFM	CN505-IFASMFDP,CAN NOT DUMP PRIMARY SMF DS ON DATA LOST CONDITION.		P43334 F206
C15X5 PERFM	C2MVT-GEN-IEAIPLOO-NUC,SQA AND NIP WON'T FIT IN 256K		P26272 F206 40981
C15X5 PERFM	C2MVT-IEAANIP-NIP DOES NOT CHK FOR 2305 UCB		P42820 F206
C15X5 PERFM	C2TSO-IKJEAR00-CANNOT CLEAR LARGER THAN 370K REGION		P44987 F206
C15X5 PERFM	C2TSO-SCBDUMP-MULTIPLE PCI'S RECEIVED DUE TO CMD RETRY		P42821 F206
C15X5 PERFM	C3505-QTAM-TERMRMT,LOST LINE 1050.		P36514 F206 CRGMV
C15X5 PERFM	C5MFT-IEEVRTL-RAPID SERIES OF START CMDS MAY FRAG CORE IN HASP		P42299 F206
C15X5 PERFM	C5MFT-IEFVRR2-AFTER AUTOMATIC RSTRT MULTIVOL TEMP DATASET LOST		P38666 F206 41151
C15X5 PERFM	C5MFT-IEFVRR2-AFTER AUTOMATIC RSTRT MULTIVOL TEMP DATASET LOST		P38666 F206 S/ZAP
C15X5 PERFM	C5MVT 2321 MOUNT REMOVES ALREADY MOUNTED BIN. 08/23/71,PO*KEEPSIE		P37277 F206 41154
C15X5 PERFM	C5MVT-IEE3803D-CANNOT START SYS TASKS IN HIERARCH 1		P40890 F206 41150
C15X5 PERFM	C5MVT-IEFVHCB-EXEC CARD OF 2ND STEP IGNORED		P41878 F206 41151
C15X5 PERFM	C5MVT-IEFWCIMP-UNLOADS NOT HONORED BECAUSE PASS DS INDCR LEFT ON.		P43544 F206 41154
C15X5 PERFM	C5MVT-IEFX500-JCL ASKS FOR TAPE DRIVE-GETS PRINTER INSTEAD 07/02/7		P39477 F206 41154
C15X5 PERFM	C5MVT-IKJEAS02-DOES NOT CHK FLAGS BEFORE POST RCT		P42839 F206 41258

COMPNT--CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #--FIXD--ACTON
C15X5 PERFM	C5TSO-IKJEFD30-ALLOC-NO WARN MSG TO INFORM USER OF ERR COND		P42962 F206 41152
C15X5 PERFM	C6505-IEWFTHSL-3330,MISSING PCI INTERRUPTS		P43726 F206
C15X5 PERFM	C6505-IEWFTPCI,MISSING PCI INTERRUPTS		P43725 F206
C15X5 PERFM	C6535-IEWFELCS-3330,MISSING PCI INTERRUPTS		P43724 F206
C15X5 PERFM	EXEC-IKJEFLA-LE-LI-LL-LOGON MUST SET JSCBPASS TO OPEN UADS		P41867 F206 41152
C15X5 PROGCK	CKTSO-IEDAY00,QTIP24 INCORRECTLY CALLS POSTECB SUBR		P42911 F206 70416
C15X5 WAIT	CKTSO-IEDAY00,TSOUTPUT DOES NOT REMOVE SYSTEM-OWAIT		P42892 F206 S/ZAP
C15X5 WAIT	C2MVT-IFBSR1C3-AFTER NIP ABENDS TRYING TO LOAD MOD 08/04/71,PO*KEE		P26272 F206 40981
C15X5 WAIT	C2TSO-IKJEAD02-USER 1 READY USER 2 LOGON INCOMPLETE BECAUSE NO SWAP		P45528 F206
C15X5 WAIT	C3MFT-IGC308E-ALLOC NOT POSTED COMPLETE		P38607 F206 41141
C15X5 WAIT	C5MFT-IEEDFIN9 IF WRITER INT MSL GROUP,HIGHER PART WAIT. 08/23/71,		P39436 F206 41150
C15X5 WAIT	C5MFT-IEFSD519-PARTITION IN ETERNAL WAIT STATE		P43003 F206 41153
C15X5 WAIT	C5MFT-IEFSTP00-AGTER QMGR ISSUED EXCP INST AGAINST UNINITIALIZED IO		P42973 F206 41153
C15X5 WAIT	MFT-IEEVRC-IF START SYS TASK MISSPELL-CANNOT START RDR,S AFTERWARD		P40826 F206 4115C
CKRST ABEND30A	D7508-BDAM-IGCOW05B,RD EXCLUSIVE LIST NOT SAVED BY CKPT. 12/10/70,		P35821 F206 70177
CQ513 ABENDE04	BTAM-MCS-SGIH8000-IEEC2740-LOOP AND ABEND IN CONSOLE SWITCH ROUTINE		P42504 F206
CQ513 ABEND80A	BTAM-IGCXMO7B- LOOPS PUTTING OUT MSG IEE143I IN MCS CONSOLE SWITCH		P42504 F206
CQ513 INCORROUT	LOSS OF ROLL MODE ON 2260 CONSOLE DUE TO STIMER ISS UED FOR 2740.		P41107 F206 S/ZAP
CQ513 LOOP	BTAM-MCS-SGIH8000-LOOP IN CONSOLE SWITCH ROUTINE		P42504 F206 S/FIX
CQ513 LOOP IN NUC	LOOP IN IGCXMO7B 10/04/71,RALEIGH		P42504 F206
CQ513 PERFM	MCS-SGIH8000, LOST TERM DUE TO INCORRECT CCW CHAIN.		P41130 F206 S/FIX
CQ513 WAITE04	C2MVT/BTAM/CONS/E04/ DURING CONS SW MSG IEE143I FILLED UP SQS 10/		P42504 F206
CQ519 ABENDOC6	QTAM-IECKOCTL-PROGCK WHEN STARTLN ALL ISSUED THRU OPCTL		P41219 F206
CQ519 C5 ABEND	C5 ABEND MFT QTAM 10/11/71,RALEIGH		P41219 F206
CQ548 ABENDA0A	C1-TCAM-IGG01940-ABEND IF LINETYP=MINI AND MORE THAN ONE LINE GRP D		P41032 F206
CQ548 ABENDOCX	C1548-TCAM-MSGEDIT BAD BRANCH GENERATED WITH OPER- AND R,CONTRACT		P44897 F206
CQ548 ABENDOC1	C1-TCAM-IEDQAW-ABEND OC1 WHEN CODE MACRO USED FOR APPLICATION PROGR		P42388 F206 CRCMV
CQ548 ABENDOC1	C1-TCAM-IEDQB2-PROGRAM CHECK DURING LOG MESSAGE FUNCTION.		P41038 F206
CQ548 ABENDOC4	ABEND OC4 IN MODULE IEDQFA1.		P44905 F206
CQ548 ABENDOC5	C1-TCAM-IEDQHM-OC5 ABEND IN IEDQFA DUE TO REG 2 BEING NEGATIVE.		P42367 F206 59003
CQ548 ABEND043	TCAM APPL PROG GETS INVALID 043-3ABEND ON RESTART AFTER 043-2 ABND		P42380 F206
CQ548 ABEND045	C1-TCAM-ATTEMPT TO USE INVALID DISK ADDRESS CAUSES 045 ABEND. 07/0		P42362 F206
CQ548 ABEND045	C1-TCAM-IEDQEU-PROCESS QUEUE CLOSE DURING MESSAGE MAY CAUSE 045 ABE		P42382 F206 S/ZAP
CQ548 ABEND045	C1-TCAM-IEDQFA-ABEND 045 OR OCX IN IEDQHM WHEN CANCELLED HEADER REC		P42363 F206 59003
CQ548 ABEND045-3	C1-TCAM-IEDQGA-ABEND 045-3 FOLLOWING A LOGICAL READ ERROR.		P42379 F206
CQ548 DOC-TCAM-SRL	TCAM-SRL-GC30-2024-0 ERROR IN COMWRITE OPERAND FOR INTRO MACRO.		XXXXX F206
CQ548 INCORROUT	C1-TCAM-ASSY-MSGEDIT MACRO LOOPS WITH ERR MESSAGE AND ASSEMBLES INC		P41035 F206 59001
CQ548 INCORROUT	C1-TCAM-ASSY-TERMINAL-MACRO-TERMINAL MACRO EXPANDS INCORRECTLY.		P42377 F206 S/FIX
CQ548 INCORROUT	C1-TCAM-IEDQAS-PRIORITY OF HELD MESSAGE CHANGED ON THE QUEUE.		P42395 F206 59005
CQ548 INCORROUT	C1-TCAM-IEDQBT-UNIT EXCEPTION IS NOT BEING CHECKED FOR ON A SEND OP		P44885 F206
CQ548 INCORROUT	C1-TCAM-IEDQEC-NO RESPONSE WHEN LOCK USED WITH 7770		P42404 F206 S/ZAP
CQ548 INCORROUT	C1-TCAM-IEDQEU-INCORRECT OUTPUT SEQUENCE NUMBER AT CLOSE OF LAST AP		P42396 F206

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #-FIXD-ACTON
CQ548 INCORROUT	C1-TCAM-IEDQHK-OPERATOR CONTROL STOPPED TSO LINE.		P42384 F206 CRCHV
CQ548 INCORROUT	C1-TCAM-IEDQXC-PRESCAN FIELD IN FORMATTED OUTPUT IS INCORRECT.		P42361 F206 S/ZAP
CQ548 INCORROUT	C1-TCAM-IGG019Q2-R0-Q3-Q4-Q5-LINE END SENT BUFFER WITHOUT STX.		P42376 F206
CQ548 INCORROUT	C1-TCAM-IGG019RG-WORK AREA ADDRESS NOT IN REG ONE AFTER GET MOVE.		P42397 F206 S/ZAP
CQ548 INCORROUT	C1-TCAM-IGG019RW-WRITE INITIAL CHANNEL PROGRAM FOR WTTA GENERATED I		P42368 F206 S/ZAP
CQ548 INCORROUT	C1-TCAM-IGG01931-ABEND OR READ ERROR IF PARALLEL OPEN OF 2311 AND 2		P41033 F206 CRCHV
CQ548 INCORROUT	C1-TCAM-LOST MESSAGES WHEN ISSUE A BREAK COMMAND.		P42390 F206
CQ548 INCORROUT	C1-TCAM-LOSTLINE-IGG01939-NO LINE ACTIVITY IF DISK=YES AND LINETYP=		P41031 F206
CQ548 INCORROUT	DATA CHECK WHEN 1050 AUTO EOB USED UNDER TCAM TSO. 10/01/71,RALEIG		P42374 F206
CQ548 INCORROUT	EXEC-IEDAYZ-CANCEL USER- COUNT NOT DECREMENTED, MSG NOT SENT		P42370 F206
CQ548 INCORROUT	NO NL GENERATED WHEN INPUT ENDS WITH ENTER KEY ONLY /AUTO LINE NUM.		P42369 F206
CQ548 INCORROUT	OUTPUT LOST FOR 1050 TSO TERMINAL USUALLY FIRST LINE		P42374 F206
CQ548 MSGIED123I	C1-TCAM-IEDQXC-IED123I MAY APPEAR WHEN PARAMETERS ARE CORRECT.		P42375 F206
CQ548 WAIT	C1-TCAM-IEDQEB-OPENING DCBS UNDER DIFFERENT TCB CAUSES APPL PGM WAI		P42362 F206 CRCHV
DM508 ABENDOCX	D1508-CLOSE-EXCP-IGG0200I-IGG0200J- NO DEVD IN DCB AND SMF IN SYSTE		P39153 F206 70290
DM508 ABENDOCX	D1508-IGG0200H,ABEND POST LK RB FOR RB PTR TO TCB. 02/03/71,SAN JO		P36405 F206 S/ZAP
DM508 ABENDOCX	D1508-IGG0550M-IGG0553C,NO CHECK FOR MACRF EQ E. MAKE TEST INVALID.		P40437 F206 70362
DM508 ABENDOCX	D1508-IGG0550Z-IGG0200I,CONCATENATED DATA SETS SORT INPUT.		P40974 F206 S/ZAP
DM508 ABENDOC1	D4508-IGC0002I,PROG CHECK IN SCRATCH IF VOL NOT MOUNTED		P42478 F206 S/ZAP
DM508 ABENDOC5	D1508-DASD-IGG0559I DOESN'T SAVE REG 11 BEFORE XCTL TO IGG0552B.		P39749 F206
DM508 ABENDOC5	D1508-IGG0200J-IGG0200Z,ABNORMAL TERMINATION WITH OPEN ISAM DATA SE		P37193 F206 S/ZAP
DM508 ABENDOC5	D2508-IGG019FG,LENGTH ERROR PUT VARIABLE CAUSES PROG CHK B TO SYNAD		P40479 F206 S/ZAP
DM508 ABENDOC5	D2508-IGG019FG,TRYING TO BRANCH TO SYNAD.		P40479 F206 S/ZAP
DM508 ABEND001	D2508-IGG019AJ-IGG019FJ-IGG019BP, DATA RECORD EXCEEDS BUFFER LENGTH		P37512 F206 70384
DM508 ABEND001	D2508-IGG019CF,RELFM=VBA,CTRL CHAR SPEC NO DATA IN LST REC OF LST B		P34016 F206 70324
DM508 ABEND001	D2508-IGG0191P,IGG0196P WRONG MODULES LOADED BY OPEN EXECUTORS FOR		P40538 F206
DM508 ABEND001	D2508-IGG0191P,IGG0196P WRONG MODULES LOADED BY OPEN EXECUTORS FOR		P40538 F206 S/ZAP
DM508 ABEND001	D2508-IGG0191P-IGG0196P,BSAM UPDATE LOAD WRONG MODS		P40538 F206 S/ZAP
DM508 ABEND013	D2508-IGG0191A,ASCII LRECL-BLKSIZ TEST INVALID		P42897 F206 70404
DM508 ABEND106	D1508-FETCH-IGG0552B,TTR INVALID FOR SVCLIB MEMBER R-FIELD ZERO.		P36873 F206 CRCHV
DM508 ABEND113	D1508-DA-IGG0199I,20 VOLUMES EXTENDING WITH MORE SER NO. THAN VOLS.		P37822 F206 S/ZAP
DM508 ABEND113	D1508-IGG0199J,EXTENDING FROM VOLUME 20 TO 21 ON 2321.		P40482 F206
DM508 ABEND113	D1508-IGG0199J,6TH VOLUME BDAM MOD DS 2321 BIN NO LEFT IN DEB WORK.		P40481 F206
DM508 ABEND213	D1508-OPEN-IGG0190W,STEP ABENDS INSTEAD OF ONLY SUBTASK.		P36740 F206 S/ZAP
DM508 ABEND30A	D7508-BDAM-IGC0W05B,RD EXCLUSIVE LIST NOT SAVED BY CKPT.		P35821 F206 70177
DM508 ABEND400	D1508-IGG0200F,INCORRECT UCB ADDR IN CLOSE WORK AREA IOB.		P39245 F206 S/ZAP
DM508 ABEND400	OBSOLETE, SEE KEY#750. 05/03/71,SAN JOSE		P39245 F206 S/ZAP
DM508 ABEND414	D1508-TCLOSE,PARTITIONED DS WITH DCB OPENED SEQUENTIAL. 02/02/71,S		P35953 F206
DM508 ABEND414	D1508-TCLOSE,USE OF FORTRAN G ENDFILE STMT ON PDS. 02/04/71,SAN JO		P35953 F206
DM508 ABEND614	D1508-TCLOSE-DA-IGC0002C,EOF ON PDS GIVES UNPRED RESULTS.		P35953 F206
DM508 ABEND804	ABEND 804 WHEN IPLING WITH CARD READER ON LINE		P42906 F206 70410
DM508 ABEND806	D1508-IGG0200J-IGG0200I,OVERLAY CORE IF OVER 6 VOLUMES PRIME DS.		P41413 F206 S/ZAP

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #--FIXD--ACTON
DM508 INCORROUT	D1508-CLOSE-EOV-TAPE-IGG0200B-IGG0550C-E-G,DSN GT 17 CHAR EMBEDED B		P41662 F206 70337
DM508 INCORROUT	D1508-DCB-MICR,DEFAULT VALUES ASM PREVENTING JCL CHANGES. BUFNO LR		P38142 F206 S/FIX
DM508 INCORROUT	D1508-EOV-IGG0550H-NOLOOK AHEAD MOUNTS ON 2 DRIVES WITH NON SPECIFI		P36904 F206 CRCMV
DM508 INCORROUT	D1508-EXCP-CLOSE-IGG0200I-IGG0200J, SMF AND NO DEVD IN DCB.REC 14-1		P39153 F206 70290
DM508 INCORROUT	D1508-IGC0001I,VOLUME SEQUENCE NUMBER 1 IGNORED BY OPEN DISP EQ MOD		P40552 F206 S/ZAP
DM508 INCORROUT	D1508-IGG0200C,SVC 91 INVALID TAPE VOLUME STATISTICS AT CLOSE.		P41651 F206 S/ZAP
DM508 INCORROUT	D1508-IGG0200F,FORMAT 5 DSCB ERROR WHEN RELEASE SPLIT CYL DATA SET.		P39789 F206
DM508 INCORROUT	D1508-IGG0200F,STANDARD USER TRAILER LABEL NOT WRITTEN IF RLSE PARM		P39292 F206 70329
DM508 INCORROUT	D1508-IGG0200J,SMF RECORD TYPE 14-15 BAD VOLID FOR 2321 DATA SETS.		P38630 F206 7C290
DM508 INCORROUT	D1508-IGG0550A,TAPE DRIVES LOST TO SYSTEM DCBOLFS BIT 7 LEFT ON		P36863 F206 S/ZAP
DM508 INCORROUT	D1508-IGG0550B,ERROR STATISTICS TO WRONG VOL OPTCD EQ B.		P40789 F206
DM508 INCORROUT	D1508-IGG0550H,NO LOOK AHEAD MOUNT MULTI VOL-UNIT NON SPEC REQ		P36904 F206 S/ZAP
DM508 INCORROUT	D1508-IGG0559E,TAPE OUTPUT MIXED DENSITY 800-1600		P38121 F206 S/ZAP
DM508 INCORROUT	D1508-SAM-DASD-IGG0550V,U,Y MULTI-VOL DS DSCB ON IST VOL NOT UPDAT.		P37870 F206
DM508 INCORROUT	D1508-SECLOADA,ACCEPTS RD ONLY PASSWD FOR SCRATCH AND RENAME.		P36854 F206 S/ZAP
DM508 INCORROUT	D1508-TAPE-IGG0550E,1600 BPI CREATED ON DUAL DENSITY EOV2 IND 800.		P38121 F206 S/ZAP
DM508 INCORROUT	D1508-TAPE-IGG0199C PASSWORD DATA SET IN ASP ENVIRONMENT.		P39784 F206
DM508 INCORROUT	D1508-TCLOSE-IGC0002C-IGG0230D,TCLOSE PDS WITH DCB OPEN FOR SEQ. 0		P35953 F206
DM508 INCORROUT	D2508-IGGR19CJ,UPDATE ON DEVICES WITH RPS		P42905 F206
DM508 INCORROUT	D2508-IGG019CF,RECFM=VBA,CTRL CHAR SPEC NO DATA IN LST REC OF LST B		P34016 F206 70324
DM508 INCORROUT	D2508-IGG019CU-IGGR19CU,INCORRECT BASE REG USEAGE		P42871 F206 70397
DM508 INCORROUT	D2508-IGG0191N-GC28-6550,ISAM EXCP BAD DEB 4TH EXTENT ZERO.		P39782 F206 S/ZAP
DM508 INCORROUT	D2508-IGG0551A-FEOV,DUPLICATE RECORDS ON OUTPUT		P42894 F206 70402
DM508 INCORROUT	D2508,NO OUTPUT OR ERROR IF RDW RECORD LENGTH NEG-AND RECFM VBA-VB.		P37512 F206 70384
DM508 INCORROUT	D4508 IGC0002G OBTAIN PASSES BACK A BAD RETURN CODE		P42200 F206
DM508 INCORROUT	D4508-IGG0325Z,CORRECT SUBTRACTION OF VTOC EXTENTS-VTOC CYL 0 TRK 0		P37239 F206 S/ZAP
DM508 INCORROUT	ISAM IGG03216 FORMAT 5 DSCB WITH 25 EXTENTS		P42208 F206
DM508 LOOP	D1508-IGG0200H,CANCEL LOOPS ON INFINITE RB QUEUE		P36405 F206 S/ZAP
DM508 LOOP	D1508-IGG0200H,LOOP IN ENDLESS RB CHAIN. 02/03/71,SAN JOSE		P36405 F206 S/ZAP
DM508 LOOP	D1508-IGG0200J,AFTER OC5 CLOSING AFTER ABEND322. 03/30/71,SAN JCSE		P37193 F206 S/ZAP
DM508 LOOP	D1508-IGG0550F-IGG0200I,EOV TO SMF LOOP R13 DOES NOT CONTAIN OI.		P40973 F206 7C290
DM508 LOOP	D2508-IGG0201Y,CLOSE LOOKING FOR FIRST IOB		P42903 F206 70411
DM508 MSGIEC002E K	D1508-TAPE-IGG0550G OPERATOR REPLIES M TO A IEC007D MESSAGE.		P38136 F206
DM508 MSGIEC004E	D1508 IGG0550B,IGG0550D,IGG0550H,IGG0550X INCORRECT LY ISSUED AT EO		P42872 F206
DM508 MSGIEC020I	D2508-GC286631,UNDOCUMENTED MSG APPEARS AS 2ND LINE.		P39511 F206 PUBCH
DM508 MSGIEC020I	D2508-IGC0005E-IGG0552F,MESSAGE INCOMPLETE FOR HIGH LEVEL LANG PROG		P39511 F206
DM508 MSGIEC020I	D2508-IGC0005E-GC28-6631,MESSAGE NOT DOCUMENTED.		P39511 F206 PUBCH
DM508 MSGIEC101A	D1508-IGG0190V,UNIT AFF AND OVER 5 VOLS SER NO BAD IN MESSAGE.		P40455 F206 S/ZAP
DM508 MSGIEC107D	D1508-OPEN-TAPE-IGG0552H,INCORRECT DSNAME- OVERLAYED WITH MODULE NA		P38500 F206
DM508 MSGIEC114E	D1508-IGG0199T,559P ROUTING CODES MSG IEC114E,IEC704A ARE INCORRECT		P39467 F206
DM508 MSGIEC704A	D1508-IGG0199T,559P,ROUTINE CODES MSG IEC114E,IEC704A INCORRECT. 0		P39467 F206
DM508 MSGIEF287I	D4508-DASD-IGG03217,ALLOCATING ISAM NON SPECIFIC VOL REQ GT 1 DD CD		P40449 F206 70363

COMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #-FIXD-ACTON
DM508 MSGIEH204I	D4508-DASD-IGG0290E-ERROR- MESSAGE-SCRATCHING-VTOC-ON 2321.		P38841 F206 S/ZAP
DM508 MSGIEH211I	D4508-DASD-IGG0290E-SCRATCH VTOC OR DS ON 2321. 02/17/71,SAN JOSE		P38841 F206 S/ZAP
DM508 PERFM	C3MFT-ERP-DISK,I0B UNRELATED FLAG NOT SET DATA SETS WITH ONE I0B. E		P37507 F206
DM508 PERFM	D1508-IGG0550F-IGG0550K,PASS CONTROL TO SMF 14-15 MODULES-NO NEED.		P40990 F206
DM508 PERFM	D1508-IGG0550H-TAPE,NO LOOK AHEAD MOUNTS 08/09/71,SAN JOSE		P36904 F206 S/ZAP
DM508 WAIT	D1508-IGG0200H,WAIT AFTER SVC 35 NO CORE AVAILABLE. 02/03/71,SAN J		P36405 F206 S/ZAP
DM509 ABEND202	BDAM-IGG019KM-IGG019LG,CICS-HASP BDAM BORROWS USERS ECB.		P39071 F206 70414
DM509 ABEND301	BDAM-IGG019KM-IGG019LG,ECB CONTENTS CHANGED IN HASP OR CICS ENVIR.		P39071 F206 70414
DM509 WAIT	BDAM,RQE UCB POINTERS ALL TO SAME UCB. CICS SYSTEM WITH ECBLIST. 0		P39071 F206 70414
DN527 ABENDOC4	EXEC-IFCE2860-2870-2880-WHEN CHN EDIT MODULE EDITS BINARY CLOCK		P43166 F206
DN527 ABEND130	EXEC-IFBSTAT-DUE TO ENQ-DEQ ADCONS UNRESOLVED		P43164 F206
DN527 ABEND806	EXEC-IFCET002-IFCEREPO-SEARCHING FOR INCORR NAME		P43165 F206 S/ZAP
DN527 INCORROUT	EREP-IFCEG155-MOD155 EREP PRINTOUT INCORRECT		P43163 F206
DN527 INCORROUT	EXEC-IGE0625F-BRANCHES TO SCTL W/SYSTEM ENABLED.		P44508 F206 S/ZAP
DN527 INCORROUT	IFBSRXXX-WRONG DEVICE ADDR PICKED UP FROM UCM		P39706 F206 40984
DN527 LOOP	IFBSRXXX-OLD NEW PTR NOT CHANGED BEFORE GOING TO ABTERM		P39706 F206 40984
DN533 ABENDOC2	EXEC-IFDOLT16-ISSUING 'GETCONF'+ BUFF SIZE SMALLER THAN CDS BYTE		P42854 F206 41129
DN533 ABENDOC5	MFT-IFDOLT18-MODULES DELETED-CANNOT COMPLETE LINKAG BACK CHAIN		P42857 F206 41129
DN533 INCORROUT	MFT-IFDOLT52-T1419A + T1419B FAIL BECAUSE FLAG NOT SET		P42856 F206 41129
DN533 LOOP	EXEC-IGC0005I-CODE TO SUPPORT DEB CHAINING INCORR		P42847 F206
DN533 MSGIFD119I	EXEC-IFDOLT06-IFDOLT34-USING INCORRECT CONTROL BLKS		P42855 F206 41129
DN533 PERFM	ALLOC-IFDOLT22-IFDOLT48-CDS INFO NOT MOVED TO CNTRL TABLE		P43695 F206 41176
DN539 ABENDA0A	EXEC-IGC0308E-CLOSING RDR AFTER SUCCESSFUL OP INITIATED SWAP 08/0		P40382 F206 41141
DN539 ABENDOC6	C2MVT-IGC0108E-CSCB POINTER BAD OR CSCB OVERLAID 08/16/71,PO*KEEP		P43285 F206
DN539 LOOP	EXEC-IGFMVTO0-DURING ANALYSIS OF MCH CHK		P42831 F206
DN539 LOOP	MVT-IGFMCH00-IECIOS-IN IGC030QC AFTER OC5 ON SSK INSTRUCTION		P40762 F206
DN539 MSGIGF502F	EXEC-IGC0108E-MSG DOES NOT CONTAIN CORRECT ROUT COD		P40722 F206
DN539 PERFM	EXEC-IGC0108E-OVRLYS CORE MSG TOO LONG FOR SVRB ESA AFTER PTF40819		P43285 F206
DN539 PERFM	EXEC-IGE0660A-DDR FAIL TO INIT SWAP FOR D,A, AFTER SEEK CHECK		P41733 F206
DN539 PERFM	EXEC-IGFCCH80-LOG OUT AREA DIFFERENT THAN EXPECTED.		P44408 F206
DN539 WAIT	EXEC-IGC0108E-WHEN TRYING TO SWAP NON-EXIST DEVICES		P43285 F206
DN539 WAIT	EXEC-IGC0108E-INCORRECT POSTING OF ALLOC ECB BY DDR		P41708 F206
DN539 WAIT	EXEC-IGC0308E-RB WAIT COUNT NOT DECREMENTED		P40382 F206 41141
DN539 WAITOE2	EXEC-IGFMCH20-SINGLE ECC CAUSES HARD WAIT		P42810 F206
DN554 ABENDA0A	EXEC-IMDPRCTL-IMDPRDMP DOES NOT CONTINUE SCAN FOR ADDI VERBS		P43177 F206 CRGMV
DN554 ABENDB27	EXEC-PRINTING DYNADUMP TAPE 09/30/71,PO*KEEPSIE		P41626 F206
DN554 ABENDOC1	EXEC-IMDPRFUB-IMDPRDMP-WHILE PRINTING DYNADMP DUMP		P42707 F206
DN554 ABENDOC2	EXEC-IMDPRCTL-IMDPRLOD-WHEN 'END' RESPONSE 1ST TIME		P42305 F206
DN554 ABEND202	EXEC-IMDPRLOD-IMDTREAD-PRINT DUMP TAPE W/IMDPRDMP		P41626 F206
DN554 INCORROUT	EXEC-IMASZAP-PRINTED A HEADING STATING A RECORD LNTH 0018		P41640 F206
DN554 INCORROUT	EXEC-IMASZAP-USES CSECT OTHER THAN 1ST IF NO CSECT NAME SPECIFIED		P42310 F206 CRGMV
DN554 INCORROUT	EXEC-IMASZAP-SWITCH NOT RESET AFTER NAME CARD IS PROCESSED		P42720 F206

COMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #-FIXD-ACTON
DN554 INCORROUT	EXEC-IMASPZAP-NO CHECK FOR HEX CHARACTER		P43687 F206
DN554 INCORROUT	EXEC-IMBMDMAP-MODULE ATTRIBUTE NOT EDITABLE		P41912 F206
DN554 INCORROUT	EXEC-IMDPRTDMP-UNRES-UNABLE TO PRT DAR DUMP W/PTF APPLIED 09/29/71		P41626 F206
DN554 LOOP	EXEC-IMDPRDMP-READING SYSUT1 FILE AFTER MSG IMD159I 08/04/71,PO*KE		P41626 F206
DN554 LOOP	EXEC-IMDPRMST-IMOPRDMP ON 2ND ENTRY TO PRINT DUMP WHEN GO REPLY		P43168 F206 CRGMV
DN554 MSGIMD155D	EXEC-IMDPRCTL-REPLY END WILL NOT STOP PGM IF DUMP D S IS EMPTY.		P42852 F206 S/ZAP
DN554 MSGIMD164I	EXEC-IMDTREAD-FAILS TO RECOG IPL TEXT ON TAPE		P41919 F206 S/ZAP
DN554 PERFM	EXEC-IMDPRLD-IMDTREAD-PREFORMATT TP NOT RECOG IF OVER 132 CHARS		P42303 F206 S/ZAP
ED521 ABENDOF2	EXEC-IEWLMINT-VALUE 2 MUST BE MULTIPLE OF 16		P41049 F206 CRGMV
ED521 ABEND013	EXEC-IEWLMMAP-IEWLMFNL-OPENING SYSMOD IF XREF SPEC		P41571 F206 CRGMV
ED521 INCORROUT	EXEC-IEWLMRAT-RLD'S MISSING FROM OUTPUT LOAD MODULE		P38313 F206
I0523 ABEND	EXEC-IFFCAN01-USING 'RESUME' UNDER THE 2250 CANCEL FUNCTION		P44019 F206 S/ZAP
I0523 ABENDOC2	EXEC-IGG0193L-WHEN OPENING GRAPHIC DCB CONCAT WITH DD DUMMY		P40756 F206
I0523 ABENDOC2	EXEC-IGG0193L-OPEN DOES NOT TEST FOR ZERO UCB PTR		P40756 F206
I0523 ABENDOC5	EXEC-IGG0193Z-WHEN DUMMY DD DEB FOUND LOOKING FOR UCB ENTRY 10/05/		P40756 F206
I0523 ABENDOC6	EXEC-IFFCAN01-BAD BUFFARM IN RLSEBFR MACRO		P42796 F206 S/ZAP
I0523 ABEND400	EXEC-GREAD-GWRITE-GCNTL-HI ORDER BYTE OF DECIB NOTE ZEROED OUT		P42287 F206
I0523 LOOP	EXEC-IGG0193L-2280-LOAD3 GRAPHICS OPEN DOES NOT CHK FOR DEBTYPE		P40953 F206
I0523 LOOP	EXEC-IGG0203X-CLOSE DOES NOT TEST FOR 2280/2282		P42281 F206 S/ZAP
I0523 LOOP	EXEC-OPEN-IGG0193L-2280 OPEN RESULTS IN OC6 PC LOOP AFTER OC2 ABEND		P40953 F206
I0523 PERFM	EXEC-IFFCAN01-SYSTEM FAILS TO RETURN BUFFER SPACE		P38916 F206
I0523 PERFM	IFFCAN01-BUFFER SPACE NOT RETURNED AFTER CANCEL KEY WITH RESUME OPT		P38916 F206
I0523 WAIT	GRAPHICS-IFFCAN01-DCBBFR START FIELD NOT RESTORED		P43313 F206
I0526 ABENDU0069	QISAM-IGG019HK,ABEND USING REL 19 FILES ON REL 20 08/09/71,SAN JOS		P42867 F206
I0526 ABENDOCX	QISAM-DA-IGG019HB,LST BLK OF FILE CONTAINS NO REC GIVES ABEND.		P36373 F206 S/ZAP
I0526 ABENDOCX	2301-IGG019I2-DUE TO INCORRECT SEEK ADDRESS IN TISA WITH FULL TRK 1		P38521 F206
I0526 ABENDOC4	ISAM-IGG019GV,REG 8 NOT INITIALIZED TO WORK AREA		P42909 F206 70413
I0526 ABENDOC5	BISAM-IGG019IY WHEN RECLAIMING OLD IOBS POSTED IN ERROR		P42865 F206 70400
I0526 ABENDOC5	IGG019IZ,PROG CHECK VLR ASYNC MODULE ON OVERLAPPED IO		P42866 F206 70400
I0526 ABEND002	QISAM-GC28-6647,DCBBLKSI EQ MAX NUMBER BYTES ALLOWABLE ON DEVICE.		P40531 F206 PUBCH
I0526 ABEND301	ISAM-DA-IGG019GV,GW,GX,GY,GZ,IX,IY,IZ,ABEND DURING MULT-EVENT WAIT		P33533 F206 70322
I0526 INCORRECT	IGG019HK,UNREACHABLE BLOCK ON SETL TO SHARED RECORD.		P42867 F206
I0526 INCORRECT	ISAM-IGG019HK,UNREACHABLE BLOCK ON SETL TO SHARED RECORD.		P42867 F206
I0526 INCORROUT	ISAM-ALLOCATE-IGG03214,FMT2-FMT3 DSCB LENGTH CHECK SUPPRESSED.		P42162 F206
I0526 INCORROUT	ISAM-IGG01922,FMT2 DSCB DS2LOVAD MOD WHEN DS HAS INDEPENDENT OVFL0.		P41406 F206
I0526 LOOP	IGG019G0-G1-G2-G3-G4-G5-G6-G7-IGG019IO, LOW CORE OVERLAYED WKN S.		P37184 F206
I0526 LOOP	IGG0192H,ASY AND APP ROUTINES IF OVERFLOW CHAINED TO SELF		P42864 F206
I0526 WAIT	QISAM-IGG0202I,PROGRAM CHECK NEW PSW MODIFIED.		P40960 F206 70390
LD547 ABENDOCX	EXEC-IEWLDIOC-LOADER DOES NOT PROVIDE FOR DELIMITER BEING 1ST CHAR		P41067 F206
LD547 ABENDOCX	EXEC-USING PARM-CALL LOADER DOES NOT RESOLVE EXTER REFERENCES 09/2		P39336 F206
LD547 ABEND80A	EXEC-IEWLDIOC-4K OF CORE NOT SUFFICIENT FOR DATA MANAGEMENT		P42698 F206 S/ZAP
LD547 INCORROUT	MVT-IEWLDIOC-C28-6538-8-NO ABEND CODE		P40641 F206 41067

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #-FIXD-ACTON
LD547 PERFM	EXEC-IEWLDREL-UNRESOLV REF NOT DIAG IF SYSLIB CARD MISSING		P39336 F206
LM512 ABEND001	EXEC-IHEITLA-INSTAED OF TRANSMIT CONDITION WHEN PERM I/O ERROR		P40122 F206
LM512 ABEND035	EXEC-ISAM-IHEOPP/CLT/CTT-ABEND OR EXCESSIVE CORE OPENING VLR FILE		P41929 F206 S/ZAP
LM512 ABEND4000	EXEC-IHEITGA-LA-WHEN TRANSMIT RAISED FOR WRITE ON A QSAM FILE		P40071 F206 S/ZAP
LM512 ABEND4000	EXEC-IHEOPDA-PPA-PQA WHEN OPENING SYSPRINT AND USING SHARED LIBRARY		P40104 F206 S/ZAP
LM512 ABEND4000	EXEC-IHEOPDA-PPA-PQA-WHEN OPENING SYSPRINT AND USING SHARED LIBRARY		P40104 F206 80036
LM512 INCORR	EXEC-IHETNA-INCORR RESULT ON V-ISAM SEQUENTIAL INPUT		P41996 F206
LM512 INCORROUT	EXEC-IHEDIM-DURING GET EDIT OF INVAL COMPLEX DATA ITEM		P40074 F206 CRGMV
LM512 INCORROUT	EXEC-IHEITKA-INCORR OUTPUT MAY OCCUR USING SPANNED RECORD FILES		P41952 F206 S/ZAP
LM512 INCORROUT	EXEC-IHESRT-MFT BAD RET CODE WITH PTF80024		P41945 F206 S/ZAP
LM512 INCORROUT	EXEC-IHEVPE-WHEN FLOAT DEC VALUE CONVERTED TO FLOAT BIN IN GET EDIT		P41950 F206
LM512 MSGIHE799I	EXEC-IHEVPE-WHEN FLOAT DEC VALUE CONVERTED TO FLOAT BIN IN GET EDIT		P41950 F206
NL511 ABENDOCX	CMPL-IEMAN-ABENDOCX LOOP OR OTHER ABORT IF CEIL BIF USED WITH SUBSC		P41944 F206 CRGMV
NL511 ABENDOCX	EXEC-IEMRA-OPT=2 ASSIGNING ELEMENTS OF AGGREGATE THAT IS GT 4K 04		P38178 F206 CRGMV
NL511 INCORROUT	CMPL-IEMEX-EY-NO MSG WHEN PARAM USED INCORR AS PT QUALIFIER		P40131 F206 CRGMV
NL511 INCORROUT	CMPL-IEMMK-WHEN FIRST ARG TO DIM BUILT-IN FUNCTION IS ADJ ARRAY		P38239 F206 CRGMV
NL511 INCORROUT	CMPL-IEMQX-AGG LENG TABLE HAS INCORR VALUES FOR STRUCTURES GT 20971		P41957 F206 S/ZAP
NL511 INCORROUT	EXEC-IEMFB-USING MANY SIMILAR STRING CONS GREATER THAN 256 BYTES LO		P36938 F206 CRGMV
NL511 INCORROUT	EXEC-IEMPT-WHEN A STRUCTURE WITH DEFINED ATTR. CONTAINS BIT ARRAY		P38259 F206 CRGMV
NL511 INCORROUT	EXEC-IEMRA-OPT=2, ASSIGNING ELEMENTS OF AGGREGATE THAT IS GT 4K		P38178 F206 CRGMV
NL511 INCORROUT	EXEC-IEMRA-OPT=2, ASSIGNING ELEMENTS OF AGGREGATE THAT IS GT 4K.		P38178 F206 CRGMV
NL511 LOOP	CMPL-IEMCO-LOOP WHEN DECLARE OR ALLOCATE STMTS INCORRECTLY STATED.		P38179 F206 CRGMV
NL511 LOOP	CMPL-IEMCV-WHEN TEXT SCAN PTR READS O/P TEXT		P41948 F206 S/ZAP
NL511 LOOP	CMPL-IEMMH-LOOP IN PHASE QF OR OTHER ABORT IF CEIL BIF USED WITH SU		P41944 F206 CRGMV
NL511 MSGIEM0099I	CMPL-IEMXG-WHEN CMPL WITH MACRO OR CHAR48 OPTION SIZE GT 56K		P40098 F206 CRGMV
NL511 MSGIEM0865	- CMPL-IEMHK-WHEN STRING BIF IS FIRST ARGUMENT TO SUBSTR BIF 02/26		P38183 F206 -CRGMV
NL511 MSGIEM0865	CMPL-IEMHK-WHEN STRING BIF IS FIRST ARGUMENT TO SUBSTR BIF. 04/01		P38183 F206 CRGMV
NL511 MSGIEM1028	CMPL-IEMHK-WHEN STRING BIF IS FIRST ARGUMENT TO SUBSTR BIF. 04/01		P38183 F206 CRGMV
NL511 MSGIEM1057	CMPL-IEMGP-IEMHK-WHEN ARRAY CROSS-SECTION IS ARG TO BINARY BIF		P38173 F206 CRGMV
NL511 MSGIEM1057	CMPL-IEMGP-IEMHK-WHEN ARRAY CROSS-SECTION IS ARG TO BINARY BIF		P38173 F206 CRGMV
NL511 MSGIEM1110I	CMPL-IEMJP-TERMINAL MSG IF STRING ITEM DEFINED ON ARITH ITEM		P41949 F206 80051
NL511 MSGIEM1602	CMPL-IEMGP-IEMHK-WHEN ARRAY CROSS-SECTION IS ARG TO BINARY BIF 04		P38173 F206 CRGMV
NL511 MSGIEM1619	CMPL-IEMMB-WHEN STRING PSV USED TO ASSIGN CONCATENATED ITEMS OPT=1		P40099 F206 CRGMV
NL511 MSGIEM1794I	CMPL-IEMMO-CALL STMT WITH PRI PARM COMPILED WITH OPT=2		P41993 F206 CRGMV
NL511 MSGIEM187I	CMPL-IEMNV-INCORR MSG GIVEN FOR INPUT OR REMOTE FORMAT ITEM		P41922 F206 S/ZAP
NL511 MSGIEM2705	CMPL-IEMMB-WHEN STRING PSV USED TO ASSIGN CONTATENATED ITEMS OPT=1		P40099 F206 CRGMV
NL511 MSGIEM2707I	CMPL-IEMNJ-IEMNK-WHEN READ STMT NESTED IN DO LOOP HAS KEYTO OPTION		P36962 F206 CRGMV
NL511 MSGIEM3852	CMPL-IEMHK-WHEN STRING BIF IS FIRST ARGUMENT TO SUBSTR BIF.		P38183 F206 CRGMV
NL511 MSGIEM3852	CMPL-IEMHK-WHEN STRING BIF IS FIRST ARGUMENT TO SUBSTR BIF.		P38183 F206 CRGMV
NL511 MSGIEM3856I	CMPL-IEMOS-OU-IN PHASE IEMOS WHEN ASSIGN CONST ZERO TO A NUM FLD		P40134 F206 80045
OSPTF IEAPRINT	MODULE-PTF XREF-C2505 04/05/71,PO*KEEPSIE		40789 F206 S/ZAP
OSPTF IEAPRINT	MODULE-PTF XREF-C2505 03/12/71,PO*KEEPSIE		40789 F206 S/ZAP

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #	-FIXD-ACTON
OSPTF	IEBDRB	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBDRD	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBDCPY	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBDV1	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBDWR	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBIOE	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBMCM	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBSCN	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBVGT	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBVDM	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBVMS	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBVTM	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBVTT	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEBWSU	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IEDAYD	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IEDAYE	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IEDAYZ	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IEDAY00	MODULE-PTF XREF-CI555 06/23/71,PO*KEEPSIE	70416	F206
OSPTF	IEDQKC	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IEDQKD	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IEDQKE	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IGG019C8	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	IGG019Q3	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IGG01936	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	IGG01937	MODULE-PTF XREF CQ548 08/10/71,RALEIGH	54001	F206
OSPTF	SGIEH402	MODULE-PTF XREF-U3506 08/04/70,PO*KEEPSIE	40538	F206
OSPTF	CI555-70416	REL-20.1- -REPL NONE-ENVIR MVT/TSO-FIXES 42911	70416	F206
OSPTF	CI555-70416	REL-201-REPL-NONE-ENVIR-MVT/TSO-MODULE- IEDAY00.	70416	F206
OSPTF	CL555-41227	REL.-20.1--REPL. NONE ENVIR. TSO FIXES 43146	41227	F206
OSPTF	CN505-70462	REL 190-201-REPL NONE-ENVIR MVT,MFT-MODULES IFASMFDP	70462	F206
OSPTF	CQ548-54001	REL-201- -REPL NONE-ENVIR TSO-FIXES 42369,42370, 42371,42372.	54001	F206
OSPTF	CQ548-54001	1 42373, 42374 07/26/71,PO*KEEPSIE	54001	F206
OSPTF	CQ548-54001	7 PTF IN ERROR-WRONG CARD IN DECK	54001	F206
OSPTF	CQ548-59005	REL-200-201-ENVIR MFT,MVT-APAR 42395	59005	F206
OSPTF	C2505-40789	REL-19-19.1-19.3-REPL NONE-ENVIR MFT-FIXES 32579	40789	F206 S/ZAP
OSPTF	C2505-40789	REL-19-19.3-REPL NONE-ENVIR MFT, FIXES 32579	40789	F206 S/ZAP
OSPTF	C2555-41282	REL-20.1-REPL NONE-ENVIR TSO/MVT-FIXES 45519, 42109	41282	F206
OSPTF	DM508-70354	REL-19.0-ENVIR-ALL-MODULE-IGG0550H.	70354	F206
OSPTF	DM508-70355	REL206-XXX-REPL-NONE-ENVIR ALL-MODULES DCB, IGG0550H	70355	F206
OSPTF	DM508-70356	REL-180-XXX-REPL-70198-ENVIR ALL-MODULES SEE TEXT.	70356	F206
OSPTF	DM508-70356		70356	F206
OSPTF	DM508-70356		70356	F206

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #	-FIXD	-ACTON
OSPTF DM508-70357	REL-201-XXX-REPL-NONE-ENVIR ALL MODULES DCB, SEE TEXT		70357	F206	
OSPTF DN527-41220	REL-201-REPL NONE, ENVIR MFT/MVT FIXES 45012.		41220	F206	
OSPTF DN527-41220	9 CONTINUED		41220	F206	
OSPTF DN527-41220	91 CONTINUED		41220	F206	
OSPTF DN527-41220	92 CONTINUED		41220	F206	
OSPTF DN527-41220	93 CONTINUED		41220	F206	
OSPTF DN539-41141	REL-19-20-SUPER 40818,40480-ENVIR MFT,MVT,MP65-FIX 38607,40382		41141	F206	
OSPTF DN539-41264	REL-20-20.1-REPL NONE-ENVIR MFT,MVT/155-FIXES 42810		41264	F206	
OSPTF IO526-70385	REL-200-XXX-REPL-NONE-ENVIR-ALL- MODULES IGG01929,19HD,19HK.		70385	F206	
OSPTF LM512-80039	REL-181-186-19-20-201-REPL NONE ENVIR ALL FIXES 25886,27137,28521		80039	F206	
OSPTF LM512-80039	1 34389,34399,34417,36922,36944, 36994,38169,38213.		80039	F206	
OSPTF NL511-80045	REL-19-20-201-REPL NONE ENVIR ALL FIXES 40134,36929		80045	F206	
OSPTF NL511-80051	REL-18.1 THRU 20.1-REPL NONE-ENVIR OS-FIXES 41949, 38198,34358		80051	F206	
OSPTF OS569-41248	8 ADDITIONAL INFORMATION-ORDERING MICROFICH		41248	F206	
OSPTF OS569-41248	REL.201 - REPL NONE, ENVIR. 3330/2305/2880 MICROFICHE		41248	F206	
OSPTF UL506-41120	REL-20.1--REPL NONE, ENVIR MVT/TSO, FIXES 42941		41120	F206	
OSPTF UL506-41121	REL-20.1--REPL NONE,ENVIR MVT/TSO FIXES 42942		41121	F206	
OSPTF UL506-41125	REL-20.1--REPL NONE ENVIR MVT/TSO, FIXES 42945		41125	F206	
OSPTF UL506-41125	REL-20.1--REPL NONE ENVIR MVT/TSO, FIXES 42945		41125	F206	
OSPTF UP506-41122	REL-20.1--REPL NONE, ENVIR MVT/TSO, FIXES 42943,42944 ENDSAB		41122	F206	
OSPTF UP506-41123	REL-20.1--REPL NONE ENVIR MVT/TSO FIXES 42946		41123	F206	
OSPTF UT506-70425	REL 20.1 ENVIR-ALL-MODULE IEHDANAL.		70425	F206	
OSPTF UT506-70488	REL 190-200-201-REPL 70256-ENVIR MVT,MFT MODULES-IFHSTATR		70488	F206	
OSPTF U3506-40538	REL-19- -REPL NONE,ENVIR ALL, FIXES APARS 33287, 33288,33294,33299		40538	F206	
OSPTF U3506-40538	8 ADDITIONAL INFORMATION		40538	F206	
OSPTF U3506-40538	8 ADDITIONAL INFORMATION-ALSO FIXES APAR 26706 10/08/70,PO		40538	F206	
OSPTF U3506-40538	8 ADDITIONAL INFORMATION		40538	F206	
OS569 70407	ALL-PTF70407-ON-TOP-3330/2305-DTR		P42907	F206	70407
PGEN. TCAM-FICHE	CQ-C1-C2-TCAM-MOD1 ICR LISTING AVAILABILITY		XXXXX	F206	
RL180 #18IPL-RESTR	BYPASS PTF FOR 256K IPL RESTR FOR RELEASE 18		P26272	F206	40981
RL190 ABEND213	D1508-OPEN-IGG0190W,STEP ABENDS INSTEAD OF ONLY SUBTASK. 11/17/70,		P36740	F206	S/ZAP
RL190 INCORROUT	C5MVT-EXEC-UNABLE TO VARY BIN OF DATA CELL ON LINE		P37277	F206	41154
RL200 ABENDOC5	IO526-ALL-QISAM-OC5-IGG019HB-IF LAST BLOCK HAS NO RECORDS		P36373	F206	AREA
RL200 ABEND213	D1508-OPEN IGG0190W ISSUES AN ABEND WITH A DUMP STEP OPERAND.		P36740	F206	S/ZAP
RL200 MSGIEC101A	D1508-IGG0190V,UNIT EQ AFF AND VOL EQ GT 5 VOL SERIAL NUMBER BAD.		P40455	F206	S/ZAP
RL201 OS569 FICHE	3330/2305/2880-MICROFICHE		XXXXXX	F206	
RL201 70407	PTF70407-GOES-ON-TGP-3330/2305-DTR		P42907	F206	70407
UT506 ABEND	UL506-IKJEBEIN-CONDITIONAL DISP NOT SET ALLOCATING OLD DS		P42959	F206	
UT506 ABENDD37	U1506-ABEND DURING COPY OF DS WITH BLKSIZE GREATER THAN TRACKCAP.		P41792	F206	
UT506 ABENDOC	U1506-WHEN MOVING PDS FROM 2314 TO TAPE. OC6 02 OCO ABEND.		P41824	F206	
UT506 ABENDOC4	UK506-IEHDUMP,POINTER TO DEVICE CONSTANTS INCORRECT		P42497	F206	70393
UT506 ABENDOC4	UL506-IKJEBEAT-IN ATTENTION EXIT ROUTINE		P42949	F206	

CMPNT-CIRCUMSTANCE	DESCRIPTION	-----OS-----	APAR #-FIXD-ACTON
UT506 ABENDOC4	UL506-IKJEBEMA-BEAT-BECA-DEPRESSING ATTN KEY-ENTER OF SUBCMD		P42953 F206
UT506 ABENDOC5	UK506-IEHDASDS,ZERO FUNCTION BLOCK POINTER IF NO CORE		P42499 F206 70393
UT506 ABENDOC6	UJ506-IFHSTATR,OC6 AT END OF JOB-REGISTER SAVE AREA ALTERED 08/10/		P40940 F206
UT506 ABEND013	EXEC-IKJEFF60-ATTEMPT TO USE DS PREVIOUSLY ALLOC		P42943 F206 CRCHV
UT506 ABEND30A	UP506-IKJEFF60-IKJEFF63-AFTER END SUBCMD ISSUED TO COMPLETE OUTPUT		P42944 F206
UT506 INCORROUT	EXEC-IEHMVSEQ-REJECTS ADDRESS FOR IGC0002I		P41787 F206
UT506 INCORROUT	UK506-IEHDCELL-IBCDASDI,ERR ON RECOVERY FROM 2321 ERROR.		P41472 F206 70393
UT506 INCORROUT	UL506-IKJEBEAT-CONTAINS INVALID MACRO NAMES + NOT RTAUTOPT		P42960 F206
UT506 INCORROUT	UL506-IKJEBEFI-*FIND*W/OUT OPER DOES NOT FIND CHAR IN 1ST LN		P42955 F206
UT506 INCORROUT	UL506-IKJEBEIN-EDIT CMD SETS FIXED RCD FORMAT		P42947 F206 CRCHV
UT506 INCORROUT	UL506-IKJELE-TAB-CHAR IGNORED WHEN USED IN 1ST POSITION OF TABSET		P42957 F206
UT506 INCORROUT	UL506-IKJEBEMA-SPECS OF STAX MACRO IN EDIT MAINLINE ROUTINE		P42952 F206 CRCHV
UT506 INCORROUT	UL506-IKJEBEME-EDIT SUBCMD MERGE DOES NOT PASS MEM NAME TO SYS		P42948 F206
UT506 INCORROUT	UL506-IKJEBERE-RENUM SETS WRONG CDE-DOES NOT SET PROMPT-BIT		P42941 F206 41120
UT506 INCORROUT	UL506-INIT-SYS REG NOT RESTORED BEFORE INVOKE MAIN LINE RTN		P42958 F206
UT506 INCORROUT	UP506-IKJEFF67-IKJPGPB-OUTPUT CMD MOD INCLUDES MACR NAME PGPB		P42946 F206
UT506 MESSAGE	UN506-IKJEHDS1,DATA SET NAMES NOT ENCLOSED IN QUOTE		P42337 F206
UT506 MSGIEB139I	UK506-IEHDASDR-IBCDASDI USE WRONG CONSTANTS FOR 2305-1		P43208 F206 70421
UT506 MSGIEH204I	D4508-DASD-IGG0200E-SCRATCH VTOC OR DATA SET ON 2321. 02/17/71,SAN		P38841 F206 S/ZAP
UT506 MSGIEH211I	D4508-DASD-IGG0290E-SCRATCH VTOC OR DATA SET ON 2321. 02/17/71,SAN		P38841 F206 S/ZAP
UT506 MSGIEH806I	UK507-IEHDREST,VOLID NOT UPDATED ON RESTORE		P42500 F206 S/ZAP
UT506 MSGIEH813I	UK506-IEHDEXCP IO ERROR SECOND DUMP TO PACK AFTER RESTORE.		P42498 F206 70393
UT506 MSGIKJ52304I	EXEC-IKJEBESA-WHEN THERE IS NOT ENOUGH SPACE TO SAVE DS		P42950 F206
UT506 MSGIKJ52507I	UL506-IKJELE-FALSE TRUNCATION MSG W/TSD EDIT CMD		P42945 F206 41125
UT506 MSGIKJ52555I	EXEC-IKJEBESA-AFTER MSG NEXT LINE ENTERED IS IGNORE		P42951 F206
UT506 MSGIKJ56537I	UL506-IKJEBECI-IF CMD PROCESS ABNORMAL TERMINATES		P42942 F206 41121
UT506 PERFM	UJ506 IFHSTATR ADDRESSABILITY IS SET UP ON REG 12 BEFORE SAVING USE		P40940 F206
UT506 PERFM	UK506 2321 DASD IEHDCELL SURFACE ANALYSIS OF DATA CELL NOT FLAGGING		P41472 F206 70393
UT506 PERFM	UN506-IGC0209H,DSCB UPDATES LOST BETWEEN OBTAIN-ENC		P42339 F206
UT506 PERFM	UN506-IKJEHALI,ALLOCATED MEMBER NAMES NOT LISTED		P42338 F206
UT506 PERFM	UN506-IKJEHPRD,NUMERIC PASSWD NOT ACC TSO PROTECT		P42336 F206
UT506 PERFM	U3506-STORAGE DEFINITION FOR PATCH AREA WAS DONE WITH DS STATEMENTS		P41780 F206
UT507 LOOP	U3507-IBCDASDI,OCI LOOP WHEN IPL*ING THE STAND ALONE DUMP RESTORE		P42861 F206 70401
UT507 WAIT	U3507-IBCDASDI,DURING IPL IF TIMER JUST CLEARED		P42861 F206 70401
OSPFL UL506-41125	REL-20.1--REPL NONE ENVIR MVT/TSO, FIXES 42945		41125 F206

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SECTION 3: PROGRAM TEMPORARY FIXES RESOLVED

The following program temporary fixes (PTFs) have been incorporated into the operating system with release 20.

PROGRAM TEMPORARY FIXES -- RELEASE 20.6

<u>PTF NUMBER</u>	<u>COMPONENT</u>	<u>SCHED FIX</u>	<u>COMMENTS</u>	<u>PTF NUMBER</u>	<u>COMPONENT</u>	<u>SCHED FIX</u>	<u>COMMENTS</u>
360S-40984-602	360S-DN-527	21.0	TEMPORARY FIX	360S-70395-013	360S-CI-505	21.0	PERMANENT FIX
360S-41097-606	360S-C2-535	21.0	TEMPORARY FIX	360S-70397-013	360S-DM-508	21.0	PERMANENT FIX
360S-41108-606	360S-C2-535	20.6	TEMPORARY FIX	360S-70398-713	360S-IO-526	21.0	PERMANENT FIX
360S-41110-606	360S-C2-535	21.0	TEMPORARY FIX	360S-70399-713	360S-IO-526	21.0	PERMANENT FIX
360S-41114-008	360S-FO-520	21.0	TEMPORARY FIX	360S-70400-713	360S-IO-526	21.0	PERMANENT FIX
360S-41118-602	360S-DN-533	21.0	TEMPORARY FIX	360S-70402-013	360S-DM-508	21.0	PERMANENT FIX
360S-41119-008	360S-ED-524	20.1	TEMPORARY FIX	360S-70404-013	360S-DM-508	21.0	PERMANENT FIX
360S-41120-602	360S-UL-506	20.6	TEMPORARY FIX	360S-70407-013	360S-DM-508	21.0	PERMANENT FIX
360S-41121-602	360S-UL-506	20.6	TEMPORARY FIX	360S-70409-013	360S-DM-508	21.0	PERMANENT FIX
360S-41122-602	360S-UP-506	20.6	TEMPORARY FIX	360S-70410-013	360S-DM-508	21.0	PERMANENT FIX
360S-41123-602	360S-UP-506	20.6	TEMPORARY FIX	360S-70411-013	360S-DM-508	21.0	PERMANENT FIX
360S-41125-602	360S-UL-506	20.6	TEMPORARY FIX	360S-70413-713	360S-IO-526	21.0	TEMPORARY FIX
360S-41129-602	360S-DN-533	21.0	TEMPORARY FIX	360S-70414-013	360S-DM-509	21.0	PERMANENT FIX
360S-41176-602	360S-DN-533	21.0	TEMPORARY FIX	360S-70416-013	360S-CI-555	20.6	PERMANENT FIX
360S-41185-606	360S-C2-505	21.0	TEMPORARY FIX	360S-70417-024	360S-CC-505	21.0	TEMPORARY FIX
360S-41207-606	360S-DN-539	21.0	TEMPORARY FIX	360S-70418-024	360S-CC-505	21.0	TEMPORARY FIX
360S-41263-602	360S-DN-527	20.1	TEMPORARY FIX	360S-70419-013	360S-CI-505	20.1	TEMPORARY FIX
360S-60022-065	360S-AS-037	21.0	TEMPORARY FIX	360S-70420-013	360S-UT-506	20.1	TEMPORARY FIX
360S-70321-013	360S-DM-508	20.0	PERMANENT FIX	360S-70421-013	360S-UT-507	21.0	PERMANENT FIX
360S-70324-013	360S-DM-508	21.0	PERMANENT FIX	360S-70422-013	360S-UK-506	21.0	PERMANENT FIX
360S-70331-013	360S-DM-508	21.0	TEMPORARY FIX	360S-70427-013	360S-CI-505	21.0	TEMPORARY FIX
360S-70337-013	360S-DM-508	20.6	PERMANENT FIX	360S-70429-013	360S-CI-535	20.1	TEMPORARY FIX
360S-70360-613	360S-DM-508	21.0	PERMANENT FIX	360S-70430-013	360S-CI-535	20.1	TEMPORARY FIX
360S-70361-013	360S-DM-508	21.0	PERMANENT FIX	360S-70431-013	360S-CI-505	21.0	TEMPORARY FIX
360S-70363-613	360S-DM-508	21.0	TEMPORARY FIX	360S-70432-013	360S-CI-505	21.0	TEMPORARY FIX
360S-70384-013	360S-DM-508	21.0	PERMANENT FIX	360S-70433-013	360S-DM-508	21.0	PERMANENT FIX
360S-70393-013	360S-UK-506	21.0	PERMANENT FIX	360S-70435-613	360S-CI-505	21.0	TEMPORARY FIX
360S-70394-013	360S-CI-505	20.1	PERMANENT FIX	360S-70441-013	360S-CI-505	21.0	TEMPORARY FIX

SECTION 1: MODULE DIRECTORY

This directory shows the modules in the operating system, identifies the component to which each belongs, and the library in which they reside.

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	IEUF1
IEUFPF	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.CB524

IEQCBL00	IEQCBL10	IEQCBL20	IEQCBL30	IEQCBL40
IEQCBL50	IEQCBL60	IEQCBL70		

SYS1.CB545

IKFCBL00	IKFCBL1B	IKFCBL10	IKFCBL20	IKFCBL30
IKFCBL40	IKFCBL50	IKFCBL6A	IKFCBL60	IKFCBL70

SYS1.CI505

IEAAAB00	IEAAAD0A	IEAAAD0B	IEAAAD0C	IEAAAD0D
IEAAAD0E	IEAAAD0F	IEAAAD0G	IEAAAD0H	IEAAAD0I
IEAAAD0J	IEAAAD0Y	IEAAAD0Z	IEAAAD00	IEAAAD01
IEAAAD02	IEAAAD03	IEAAAD04	IEAAAD05	IEAAAT00
IEAADEQ0	IEAADL00	IEAAEF00	IEAAENQ0	IEAID00
IEAAJOBQ	IEAAPL00	IEAAPX00	IEAAST00	IEAASY00
IEAATM0A	IEAATM00	IEAATM01	IEAATM02	IEAATM03
IEAATM04	IEAATM05	IEAATM06	IEAATM08	IEAATM2A
IEAATM2B	IEAAXR00	IEABDL00	IEABXR00	IEACDL00
IEACTM0B	IEADDL00	IEADTM22	IEADTM23	IEAEDL00
IEAFDL00	IEAGAB00	IEAGDL00	IEAGED02	IEAGENQ1
IEAGENQ2	IEAGPL00	IEAHDLC0	IEAIAB00	IEAIDL00
IEAMAD00	IEAMSERB	IEAMTM05	IEANAM00	IEANTM0A
IEANTM0B	IEANTM0C	IEANTM0D	IEANTM0E	IEANTM0F
IEANTM00	IEANTM01	IEANTM02	IEANTM03	IEANTM04
IEANTM05	IEANTM06	IEANTM07	IEANTM08	IEANTM09
IEAPATCH	IEAPRINT	IEAQCB01	IEASTM11	IEASTM12
IEASTM13	IEASTM14	IEAXPALL	IEAXPDXR	IEAXPSIM
IEAXSVRB	IEAORT00	IEAORT01	IEAORT02	IEAORT10

SYS1.CI505

(CONTINUED)

IEAOST00	IEAOST01	IEACTI00	IEAOTI01	IEACTI02
IEAOTI03	IEAOTI04	IECINTRP	IECIOLTS	IECIPR1A
IECIPR1B	IECIPR12	IEDNULL	IED1303D	IEEBCIPE
IEEBH1PE	IEECIR01	IEECIR5C	IEECLCTX	IEECMAWR
IEECMCTR	IEECMCTX	IEECMDOM	IEECMDSV	IEECMOCP
IEECMPMC	IEECMPMP	IEECMPMX	IEECMWSV	IEECMWTL
IEECNCTX	IEECNDUM	IEECOCTX	IEECVBJH	IEECVCRA
IEECVCRX	IEECVCTE	IEECVCTI	IEECVCTR	IEECVCTW
IEECVCTX	IEECVDCC	IEECVDCCM	IEECVEJM	IEECVETA
IEECVETC	IEECVETO	IEECVETE	IEECVETF	IEECVETG
IEECVETH	IEECVETJ	IEECVETK	IEECVETL	IEECVETM
IEECVETN	IEECVETO	IEECVETP	IEECVETQ	IEECVETR
IEECVETS	IEECVETT	IEECVET1	IEECVET2	IEECVET3
IEECVET4	IEECVET6	IEECVET7	IEECVET8	IEECVET9
IEECVOCX	IEECVOCP	IEECVOCX	IEECVPMC	IEECVPMP
IEECVPMX	IEECVRJK	IEECVWTO	IEECXDOM	IEEDFINA
IEEDFINB	IEEDFINC	IEEDFIN1	IEEDFIN2	IEEDFIN3
IEEDFIN4	IEEDFIN5	IEEDFIN6	IEEDFIN7	IEEDFIN8
IEEDFIN9	IEEGES01	IEEGK1GM	IEEICN01	IEEIC2NQ
IEEIC3JF	IEEILCDM	IEELOGWR	IEELOG02	IEEMCREP
IEEMCRFK	IEEMCRO1	IEEMCS01	IEEMXC01	IEEMXR01
IEEPSN	IEEQOT00	IEEREADR	IEERSCO1	IEERSR01
IEESD561	IEESD562	IEESD563	IEESD564	IEESD565
IEESD566	IEESD568	IEESD571	IEESD575	IEESD576
IEESD577	IEESD578	IEESD579	IEESD580	IEESD581
IEESD582	IEESD583	IEESD590	IEESD591	IEESD592
IEESMFAL	IEESMFIT	IEESMF12	IEESMF13	IEESMFOI
IEESMFOP	IEESMFWR	IEESMFWT	IEESMF8C	IEESTART
IEEUNIT1	IEEUNIT2	IEEUNIT3	IEEUNIT4	IEEVACTL
IEEVICLR	IEEVJCL	IEEVLDSP	IEEVLIN	IEEVLNKT
IEEVLQUT	IEEVOMSG	IEEVPRES	IEEVRC	IEEVRCTL
IEEVRFRX	IEEVRJCL	IEEVSMBA	IEEVSMDM	IEEVSMSG
IEEVSTAR	IEEVTC TL	IEEVWTOR	IEEWRI TR	IEEWTC00
IEEWTC01	IEEWTR00	IEEWTR01	IEEXEDNA	IEEZEXIT
IEE0303D	IEE0303F	IEE0403D	IEE0403F	IEE0503D
IEE0603D	IEE0703D	IEE0803D	IEE0903D	IEE1A03D
IEE1B03D	IEE1103D	IEE1203D	IEE1403D	IEE1603D
IEE2103D	IEE2303D	IEE2803D	IEE2903D	IEE3103D
IEE3303D	IEE3503D	IEE3903D	IEE4103D	IEE4203D
IEE4303D	IEE4403D	IEE4503D	IEE4603D	IEE4703D
IEE4803D	IEE4903D	IEE5403D	IEE5503D	IEE5703D
IEE6503D	IEE6603D	IEFACT	IEFACTFK	IEFACTLK
IEFACTRT	IEFATECB	IEFAVFAK	IEFBR14	IEFCNVRT
IEFCVFAK	IEFDFAK	IEFDPOST	IEFDSDRP	IEFDSDAL
IEFDCSCP	IEFDSOFB	IEFDSOSM	IEFDSOWR	IEFEFAK
IEFFFAK	IEFGMFAK	IEFHAAFK	IEFHFAK	IEFHBFK
IEFHCBFK	IEFHCFK	IEFHEBFK	IEFHCFK	IEFHEFAK
IEFHGFK	IEFHGFK	IEFHFFK	IEFHFLK	IEFHMFK
IEFICR	IEFIDFAK	IEFIDMPM	IEFIDMPM	IEFINTQA
IEFJFAK	IEFKGDUM	IEFKRESA	IEFKRESB	IEFK1FAK
IEFK1MSG	IEFL0CDQ	IEFMCVOL	IEFFORMAT	IEFFKGO3
IEFPPGM	IEFPRES	IEFPRTXX	IEFQAGST	IEFQASGQ
IEFQBVM5	IEFQDELQ	IEFQINTZ	IEFQMDQQ	IEFQNDUM

SYS1.CI505

(CONTINUED)

IEFQMLK1	IEFQMNQQ	IEFQMRAW	IEFQMSSS	IEFQMUNQ
IEFRQESD	IEFRAPCP	IEFRCLN1	IEFRCLN2	IEFRDWRP
IEFRPREP	IEFRSTRT	IEFSCAN	IEFSDPPT	IEFSDTTE
IEFSDXXX	IEFSDXYZ	IEFSD0C2	IEFSD006	IEFSD007
IEFSD008	IEFSD0C10	IEFSD0012	IEFSD055	IEFSD059
IEFSD070	IEFSD078	IEFSD079	IEFSD080	IEFSD081
IEFSD082	IEFSD083	IEFSD084	IEFSD085	IEFSD086
IEFSD087	IEFSD088	IEFSD089	IEFSD090	IEFSD094
IEFSD095	IEFSD096	IEFSD097	IEFSD105	IEFSD167
IEFSD168	IEFSD171	IEFSD195	IEFSD21Q	IEFSD22Q
IEFSD300	IEFSD301	IEFSD302	IEFSD303	IEFSD304
IEFSD305	IEFSD308	IEFSD31Q	IEFSD310	IEFSD311
IEFSD312	IEFSD32Q	IEFSD33Q	IEFSD41Q	IEFSD42Q
IEFSD447	IEFSD510	IEFSD511	IEFSD512	IEFSD513
IEFSD514	IEFSD515	IEFSD516	IEFSD517	IEFSD518
IEFSD519	IEFSD530	IEFSD531	IEFSD532	IEFSD533
IEFSD534	IEFSD535	IEFSD536	IEFSD537	IEFSD540
IEFSD541	IEFSD551	IEFSD552	IEFSD553	IEFSD554
IEFSD555	IEFSD556	IEFSD557	IEFSD558	IEFSD559
IEFSD567	IEFSD572	IEFSD584	IEFSD585	IEFSD586
IEFSD587	IEFSD588	IEFSD589	IEFSD597	IEFSD598
IEFSD599	IEFSEPAR	IEFSMFAT	IEFSMFIE	IEFSMFLK
IEFSMFWI	IEFSMR	IEFUJI	IEFUJV	IEFUSI
IEFUSO	IEFUTL	IEFVDA	IEFVDBSD	IEFVDDUM
IEFVEA	IEFVFA	IEFVFB	IEFVGI	IEFVGK
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	IEFVHB	IEFVHC	IEFVHCB	IEFVHE
IEFVHEB	IEFVHEC	IEFVHF	IEFVHG	IEFVHSS
IEFVHH	IEFVHHB	IEFVHL	IEFVHM	IEFVHN
IEFVHQ	IEFVHRSS	IEFVHL	IEFVH2	IEFVINA
IEFVINB	IEFVINC	IEFVIND	IEFVINE	IEFVJA
IEFVJIMP	IEFVJMSG	IEFVKIMP	IEFVKMSG	IEFVMFAK
IEFVMLK5	IEFVMLS1	IEFVMLS6	IEFVMLS7	IEFVMMS1
IEFVM2LS	IEFVM3LS	IEFVM4LS	IEFVM5LS	IEFVM76
IEFVRRC	IEFVRR1	IEFVRR2	IEFVRR3	IEFVSDRA
IEFVSDRD	IEFVSD12	IEFVSD13	IEFVSMBR	IEFV15XL
IEFWAD	IEFWAFAK	IEFWA0C0	IEFWCFAK	IEFWC1MP
IEFWDFAK	IEFWD000	IEFWD0C1	IEFWEXTA	IEFWSMSG
IEFWSTRT	IEFWSWIN	IEFWSYP3	IEFWTERM	IEFWTPOA
IEFWTPO0	IEFWTPO1	IEFWTPO2	IEFW31FK	IEFW31SD
IEFW41SD	IEFW42SD	IEFXAFK	IEFXAMSG	IEFXCSSS
IEFXDPFH	IEFXH000	IEFXJFAK	IEFXJIMP	IEFXJMSG
IEFXKFAK	IEFXKIMP	IEFXKMSG	IEFXMPCP	IEFXQMO0
IEFXQM01	IEFXQM02	IEFXQM03	IEFXTOMY	IEFXTFAK
IEFXTMSG	IEFXTC0D	IEFXTC02	IEFXT003	IEFXVFAK
IEFXVMSG	IEFXVNSL	IEFXV001	IEFXV002	IEFX1FAK
IEFX2FAK	IEFX3FAK	IEFX300A	IEFX5FAK	IEFX5000
IEFYNFAK	IEFYNIMP	IEFYNMSG	IEFYYPJB3	IEFYPM5G

SYS1.CI505

(CONTINUED)

IEFYVMS	IEFYTVMS	IEFZAFAK	IEFZAJB3	IEFZGJB1
IEFZGMSG	IEFZGST1	IEFZGST2	IEFZHFAK	IEFZHMSG
IEF04FAK	IEF078SD	IEF079SD	IEF08FAK	IEF09FAK
IEF23FAK	IEF300SD	IEF304SD	IEF35DUM	IEF36FK1
IEF36FK2	IEF41DUM	IEF41FAK	IEF589SP	IEF7KGXX
IEF7KPPX	IEF7K1XX	IEF7K2XX	IEF7K3XX	IEWFTHSL
IEWFTMIN	IEWFTPCI	IEWSUOVR	IEWSVOVR	IEWSXOVR
IEWSYOVR	IEZDCODE	IEZNCODE	IFASMFDP	IFBDCB00
IFBDCB01	IFBDCB02	IFBSTAT	IFBSTAT0	IFBSTAT1
IFBSTAT2	IFC01PC0	IFFGRDUM	IGC0001G	IGC0003C
IGC0006A	IGC0008H	IGC0008I	IGC0009A	IGC0103D
IGC0105I	IGC0109A	IGC0203D	IGC03C5I	IGC1303C
IGE0000A	IGE0CC0D	IGE0CC0E	IGE0000F	IGE0000G
IGE0000I	IGE0001C	IGE0002	IGE0002H	IGE0011A
IGE0011B	IGE0011C	IGE0011D	IGE0011E	IGE0025C
IGE0025D	IGE0025E	IGE0025F	IGE010CF	IGE0100I
IGE0101C	IGE0102H	IGE0125C	IGE0125E	IGE0125F
IGE0200I	IGE0225C	IGEC225E	IGEC300I	IGEC325C
IGE0425C	IGE0425F	IGEC525F	IGE0625F	IGE0900I
IGG019C5	IHJACP00	IHJACP01	IHJACP02	IHJACP20
IHJACP25	IHJACP30	IHJACP50	IHJACP70	IHJARS00
IHJARS01	IHJARS2C	IHJARS21	IHJARS60	IHK1503D
IKJNULL	MCONRESA	MCONRESB		

SYS1.CI535

IEAMP650	IEAQABMP	IEAQAB00	IEAQAD0A	IEAQAD0B
IEAQAD0C	IEAQAD0D	IEAQADCE	IEAQADCF	IEAQAD0G
IEAQAD0H	IEAQAD0I	IEAQAD0Y	IEAQAD0Z	IEAQAD00
IEAQAD01	IEAQAD02	IEAQAD03	IEAQAD04	IEAQAD05
IEAQAD06	IEAQAD07	IEAQAD08	IEAQCB02	IEAQED02
IEAQENQ2	IEAQENQ3	IEAQID0C	IEAQLK0C	IEAQRAPG
IEAQRORI	IEAQRTMP	IEAQRTOC	IEAQSETS	IEAQSTPF
IEAQST00	IEAQST01	IEAQSY50	IEAQTAMP	IEAQTBO0
IEAQTIMP	IEAQTIM1	IEAQTIO0	IEAQTIC1	IEAQTIO2
IEAQTIO3	IEAQTMOA	IEAQTMOB	IEAQTMC0	IEAQTMOD
IEAQTMOE	IEAQTMOF	IEAQTMOG	IEAQTMO0	IEAQTMO1
IEAQTMO2	IEAQTMO3	IEAQTMO4	IEAQTMO5	IEAQTMO6
IEAQTMO7	IEAQTMO8	IEAQTMO9	IEAQTMO2K	IEAQTMR3
IEAXDS00	IECIPRMP	IECIPR16	IEEBASEC	IEECMED2
IEECMQWR	IEECVCTB	IEECVED2	IEECVINT	IEELOGV1
IEELWAIT	IEEMPCKR	IEEMPSCC	IEEMP03	IEEMP0CH
IEEMPVCP	IEEMPVSE	IEEMPVSN	IEEPALTR	IEEPDISC
IEEPPRES	IEEPRTN2	IEEPRW12	IEEVDRGN	IEEVDSP1
IEEVIC	IEEVICTL	IEEVLIN1	IEEVMNT1	IEEVMNT2
IEEVWAIT	IEEC03D	IEE2203D	IEE3703D	IEE3803D
IEE5103D	IEE5203D	IEE5303D	IEFDSLST	IEFDSOCR
IEFDSOLP	IEFDSTBL	IEFDSTRT	IEFHFRK1	IEFHFRK2
IEFIIC	IEFIRC	IEFIRCB	IEFSDGXX	IEFSD101
IEFSD102	IEFSD103	IEFSD104	IEFSD110	IEFSD111
IEFSD112	IEFSD160	IEFSD161	IEFSD162	IEFSD164
IEFSD165	IEFSD166	IEFSD18C	IEFSD263	IEFVHR

SYS1.CQ513

(CONTINUED)

IGG019M1	IGGC19M2	IGGC19M3	IGG019M4	IGG019M5
IGG019M6	IGG019PB	IGG019PC	IGG019PD	IGG019PE
IGG019PF	IGGC19PK	IGG019PL	IGG019PM	IGG019PN
IGG019PO	IGGC19PP	IGG019PQ	IGGC193M	IGG0193Q
IGGC193S	IGG0194N	IGG0203M		

SYS1.CQ519

IECKBRKF	IECKHGT	IECKCHPL	IECKCKRQ	IECKCLOS
IECKCNCL	IECKCPL	IECKCPYQ	IECKCPYT	IECKCVRS
IECKDATE	IECKOCBL	IECKDRCT	IECKEQAD	IECKEQAD
IECKE0BC	IECKECBK	IECKERMG	IECKEXPD	IECKITCP
IECKLKUP	IECKLNCH	IECKMODE	IECKNATE	IECKOCTL
IECKONLT	IECKOPAW	IECKPAUS	IECKPLMT	IECKPRTY
IECKQ001	IECKRELM	IECKRETD	IECKRETS	IECKRF40
IECKRF50	IECKROUT	IECKRRTE	IECKRVTW	IECKRVTZ
IECKRVT1	IECKRVT2	IECKRV30	IECKRV40	IECKRV50
IECKRV60	IECKR260	IECKSCAN	IECKSDTW	IECKSDTZ
IECKSDT1	IECKSDT2	IECKSDT3	IECKSD30	IECKSD40
IECKSD50	IECKSD60	IECKSEQN	IECKSEQT	IECKSKPC
IECKSKPS	IECKSRCE	IECKS260	IECKTIME	IECKTRNS
IECKTYPE	IGC0007G	IGC0107G	IGC0207G	IGC0307G
IGC0407G	IGC0507G	IGCC6C7G	IGEC004E	IGE0004F
IGE0104E	IGE0104F	IGE0204E	IGE0204F	IGE0304E
IGE0304F	IGE0404E	IGE0404F	IGE0504E	IGE0504F
IGE0604E	IGE0604F	IGEC704E	IGE0704F	IGE0804E
IGE0804F	IGE0904E	IGG019NA	IGG019NB	IGG019NC
IGG019ND	IGGC19NE	IGG019NF	IGG019NG	IGG019NH
IGG019NJ	IGGC19NK	IGGC19NL	IGGC19NM	IGG019NN
IGG019NO	IGGC19NP	IGGC19NQ	IGG019NR	IGG019NS
IGG019NT	IGG019NU	IGGC19NV	IGG019NW	IGG019NX
IGGC19NY	IGG019NZ	IGG019N1	IGG019N2	IGG019N3
IGG019N8	IGGC19N9	IGG019QA	IGG019QB	IGG0193N
IGG01930	IGG0193P	IGG0193R	IGG0193T	IGG0193U
IGGC193V	IGGC194A	IGG0203N	IGG0203C	IGG0203P
IGG0203R				

SYS1.CQ548

IEAQTMOQ	IEDAYA	IEDAYC	IEDAYD	IEDAYE
IEDAYF	IEDAYH	IEDAYI	IEDAYL	IEDAYM
IEDAYO	IEDAYR	IEDAYS	IEDAYT	IEDAYX
IEDAYY	IEDAYZ	IEDAYZZ	IEDQAA	IEDQAC
IEDQAD	IEDQAE	IEDQAF	IEDQAG	IEDQAH
IEDQAI	IEDQAJ	IEDQAK	IEDQAL	IEDQAM
IEDQAN	IEDQAO	IEDQAP	IEDQAQ	IEDQAR
IEDQAS	IEDQAT	IEDQATTN	IEDQAU	IEDQAV
IEDQAW	IEDQAX	IEDQAY	IEDQAZ	IEDQA0
IEDQA1	IEDQA2	IEDQA3	IEDQA4	IEDQA5
IEDQA6	IEDQA7	IEDQA8	IEDQBA	IEDQBB
IEDQBC	IEDQBD	IEDQBE	IEDQBF	IEDQBG

SYS1.CQ548

(CONTINUED)

IEDQBL	IEDQBT	IEDQBW	IEDQBX	IEDQBY
IEDQBZ	IEDQB2	IEDQCA	IEDQCF	IEDQCG
IEDQCH	IEDQCI	IEDQCJ	IEDQCK	IEDQCL
IEDQCM	IEDQCN	IEDQCO	IEDQCP	IEDCCQ
IEDQCS	IEDQCU	IEDQCV	IEDQCW	IEDQCX
IEDQCZ	IEDQCO	IEDQC1	IEDQC2	IEDQC3
IEDQC5	IEDQC6	IEDQEB	IEDQEC	IEDQES
IEDQET	IEDQEU	IEDQEW	IEDQEZ	IEDQE1
IEDQE2	IEDQE3	IEDQE4	IEDQE6	IEDQE7
IEDQFA	IEDQFA1	IEDQFA2	IEDQFE	IEDQFE10
IEDQFE20	IEDQFE30	IEDQFW	IEDQGA	IEDQGT
IEDQHG	IEDQHI	IEDQHK	IEDQHM	IEDQHM1
IEDQHM2	IEDQKA	IEDQKB	IEDQKC	IEDQKD
IEDQKE	IECQLM	IEDQNA	IEDQNA2	IEDQNB
IEDQNB02	IEDQNB05	IEDQND	IEDQNF	IEDQNG
IEDQNH	IEDQNJ	IEDQNK	IEDQNM	IEDQNO
IEDQNP	IEDQNQ	IEDQNR	IEDQNS	IEDQNX
IEDQQA	IEDQCB	IEDQOG	IEDQOM	IEDCOS
IEDQUI	IEDQWA	IEDQWB	IEDQWC	IEDQWC1
IEDQWC2	IEDQWD	IEDQWE	IEDQWE1	IEDQWF
IEDQWH	IEDQWI	IEDQWIA	IEDQWID	IEDQWIU
IEDQWI5	IEDQWI50	IEDQWI5U	IEDQWI6	IEDQWI7
IEDQWI8	IEDQWI9	IEDQWJ	IEDQWJ1	IEDQWJ2
IEDQWK	IEDQWL	IEDQWM1	IEDQWN	IEDQWO
IEDQWP	IEDQWP1	IEDQWP2	IEDQWQ	IEDQWR
IEDQWS	IEDQWV	IEDQWX	IEDQWY	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	IGC0010D	IGC0110D	IGC0210D	IGC0310D
IGC0410D	IGC0510D	IGEC0C4G	IGE0004H	IGE0104G
IGE0104H	IGE0204G	IGE0204H	IGE0304G	IGE0404G
IGE0404H	IGE0504G	IGE0504H	IGE0604G	IGE0804G
IGE0804H	IGE0904G	IGG019Q0	IGG019Q1	IGG019Q2
IGG019Q3	IGG019Q4	IGG019Q5	IGG019Q6	IGG019Q7
IGG019Q8	IGG019RA	IGG019RB	IGG019RC	IGG019RD
IGG019RF	IGG019RG	IGG019RH	IGG019RI	IGG019RJ
IGG019RK	IGG019RL	IGG019RM	IGG019RN	IGG019RO
IGG019RP	IGG019RQ	IGG019RR	IGG019RS	IGG019RT
IGG019RU	IGG019RV	IGG019RW	IGG019RX	IGG019RY
IGG019R0	IGG019R1	IGG019R2	IGG019R3	IGG019R4
IGG019R5	IGG019R6	IGG019R7	IGG019R8	IGG019R9
IGG01930	IGG01931	IGG01933	IGG01934	IGG01935
IGG01936	IGG01937	IGG01938	IGG01939	IGG01940
IGG01941	IGG01942	IGG01943	IGG01944	IGG01945
IGG01946	IGG01947	IGG01948	IGG01949	IGG02030
IGG02035	IGG02036	IGG02041	IGG02046	IGG02047
IKJGG00A				

SYS1.DCMOLIB

ACCOUNT	ALLCC	ALLOCATE	CALL	FREE
IKJDFLT	IKJEBEAA	IKJEBEAE	IKJEBEAT	IKJEBEB0
IKJEBECG	IKJEBECH	IKJEBECI	IKJEBECN	IKJEBECO
IKJEBEDA	IKJEBEDE	IKJEBEDO	IKJEBEEN	IKJEBEEX
IKJEBEFC	IKJEBEFI	IKJEBEFO	IKJEBEHE	IKJEBEIA
IKJEBEIM	IKJEBEIN	IKJEBEIP	IKJEBEIS	IKJEBELE
IKJEBELI	IKJEBELT	IKJEBEMA	IKJEBEME	IKJEBEMR
IKJEBEMS	IKJEBEM1	IKJEBEM2	IKJEBEM3	IKJEBEM4
IKJEBEMS	IKJEBEM6	IKJEBEM7	IKJEBEPR	IKJEBEPS
IKJEBERE	IKJEBERN	IKJEBERU	IKJEBESA	IKJEBESC
IKJEBESE	IKJEBESN	IKJEBETA	IKJEBETO	IKJEBEUI
IKJEBEUP	IKJEBEUT	IKJEBEVE	IKJEBESR	IKJEEES10
IKJEEES11	IKJEEES4C	IKJEE1A0	IKJEE100	IKJEE150
IKJEFA00	IKJEFA01	IKJEFA10	IKJEFA11	IKJEFA12
IKJEFA13	IKJEFA20	IKJEFA21	IKJEFA22	IKJEFA23
IKJEFA24	IKJEFA30	IKJEFA31	IKJEFA32	IKJEFA40
IKJEFA41	IKJEFA42	IKJEFA51	IKJEFA52	IKJEFA53
IKJEFA54	IKJEFA55	IKJEFD20	IKJEFD30	IKJEFE01
IKJEFE02	IKJEFE03	IKJEFE04	IKJEFE05	IKJEFE06
IKJEFE11	IKJEFE15	IKJEFE16	IKJEFF01	IKJEFF03
IKJEFF04	IKJEFF05	IKJEFF06	IKJEFF07	IKJEFF08
IKJEFF09	IKJEFF10	IKJEFF11	IKJEFF12	IKJEFF13
IKJEFF14	IKJEFF16	IKJEFF18	IKJEFF50	IKJEFF55
IKJEFF57	IKJEFF60	IKJEFF62	IKJEFF63	IKJEFF64
IKJEFF67	IKJEFF68	IKJEFG00	IKJEFH00	IKJEFH01
IKJEFH02	IKJEFH03	IKJEFL00	IKJEFR00	IKJEFT 80
IKJEFT82	IKJEGASN	IKJEGAT	IKJEGATD	IKJEGATN
IKJEGCAL	IKJEGCPY	IKJEGCVT	IKJEGDCB	IKJEGDEB
IKJEGDEL	IKJEGDRP	IKJEGEQU	IKJEGFRE	IKJEGGET
IKJEGG0	IKJEGINT	IKJEGIO	IKJEGLDF	IKJEGLDR
IKJEGLOD	IKJEGLSA	IKJEGLST	IKJEGMAP	IKJEGMNL
IKJEGOFF	IKJEGPCH	IKJEGPSW	IKJEGQFY	IKJEGRUN
IKJEGSCD	IKJEGSTA	IKJEGSYM	IKJEGTCB	IKJEGWHR
IKJEHAL1	IKJEHCIR	IKJEHCT1	IKJEHDEF	IKJEHDEL
IKJEHDS1	IKJEHMEM	IKJEHPRO	IKJEHREN	IKJEHSIR
IKJLKL01	IKJLKL02	IKJLKMMSG	LINK	LISTA
LISTALC	LISTC	LISTCAT	LISTD	LISTDS
LOAD	LOADGO	R	RLN	TEST

SYS1.DHELP

ACCOUNT	ALLOCC	ALLOCATE	CALL	CANCEL
COMMANDS	D	DELETE	E	EDIT
EX	EXEC	FREE	H	HELP
LINK	LISTA	LISTALC	LISTB	LISTBC
LISTC	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

SYS1.DHELP

(CONTINUED)

WHEN

SYS1.DM508

EMODVCL1	FCB2STC1	FCB2STD2	IECBBFB1	IECQBFG1
IGCOG05B	IGCOG95B	IGCCH05B	IGCOI05B	IGCOJ05B
IGCOK05B	IGCOL05B	IGCOM05B	IGCON05B	IGCON06C
IGCOP05B	IGCOQ05B	IGCOR05B	IGCOS05B	IGCOT05B
IGCOW05B	IGCOCC1I	IGC0002A	IGC0002B	IGC0002C
IGC0002D	IGC0002E	IGC0002F	IGC0002G	IGC0002H
IGC0002I	IGCC0020	IGCC003A	IGC0003B	IGCC003C
IGC0005E	IGC0005G	IGC0006D	IGC0006H	IGC0006I
IGC0007H	IGC0008A	IGC0009H	IGC0010C	IGC0010E
IGC0106H	IGC0107H	IGC0109H	IGC0206H	IGC0209H
IGC0306H	IGC0406H	IGC0506C	IGC0506H	IGC0606H
IGC0706H	IGC0806H	IGCC906H	IGGAARPS	IGGR19AE
IGGR19BC	IGGR19BH	IGGR19BK	IGGR19CG	IGGR19CI
IGGR19CJ	IGGR19CU	IGGR19CV	IGGR19CW	IGGR19TV
IGGR19TW	IGG0CLC1	IGG0CLC2	IGG0CLC3	IGG0CLC4
IGG0CLC5	IGG0CLC6	IGG0CLC7	IGG0CLF2	IGG019AA
IGG019AB	IGG019AC	IGG019AD	IGG019AE	IGG019AF
IGG019AG	IGG019AH	IGG019AI	IGG019AJ	IGG019AK
IGG019AL	IGG019AM	IGG019AN	IGG019AQ	IGG019AR
IGG019AT	IGG019AV	IGG019AW	IGG019AX	IGG019BA
IGG019BB	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	IGG019CK	IGG019CL
IGG019CM	IGG019CN	IGG019CO	IGG019CP	IGG019CQ
IGG019CR	IGG019CS	IGG019CT	IGG019CU	IGG019CV
IGG019CW	IGG019CX	IGG019CY	IGG019CZ	IGG019CO
IGG019C1	IGG019C2	IGG019C3	IGG019C4	IGG019EA
IGG019EB	IGG019EC	IGG019ED	IGG019EE	IGG019EF
IGG019EK	IGG019FB	IGG019FD	IGG019FF	IGG019FG
IGG019FJ	IGG019FL	IGG019FN	IGG019FP	IGG019FR
IGG019FS	IGG019TC	IGG019TD	IGG019TV	IGG019TW
IGG019T2	IGG019VA	IGG019VB	IGG019VC	IGG019VD
IGG019VE	IGG019VF	IGG019VG	IGG019VH	IGG019VI
IGG019VJ	IGG019VK	IGG019V1	IGG019V2	IGG019V3
IGG019V4	IGG019V5	IGG0190A	IGG0190B	IGG0190C
IGG0190D	IGG0190E	IGG0190F	IGG0190G	IGG0190H
IGG0190I	IGG0190J	IGG0190K	IGG0190L	IGG0190M
IGG0190N	IGG0190P	IGG0190Q	IGG0190R	IGG0190S
IGG0190T	IGG0190U	IGG0190V	IGG0190W	IGG0190X
IGG0190Y	IGG0190Z	IGG0191A	IGG0191B	IGG0191C
IGG0191D	IGG0191E	IGG0191F	IGG0191G	IGG0191H
IGG0191I	IGG0191J	IGG0191K	IGG0191N	IGG0191C
IGG0191P	IGG0191Q	IGG0191R	IGG0191S	IGG0191T
IGG0191U	IGG0191V	IGG0191W	IGG0191X	IGG0191Y
IGG0191Z	IGG0191C	IGG01911	IGG01912	IGG01913

SYS1.DM508

(CONTINUED)

IGG01914	IGG01915	IGG01916	IGGC1917	IGG01918
IGG01919	IGG0193I	IGG0196A	IGG0196B	IGG0196P
IGG0197A	IGG0197B	IGG0197C	IGG0197D	IGG0197E
IGG0197F	IGG0197J	IGG0197K	IGG0197U	IGG0199A
IGG0199C	IGG0199D	IGG0199E	IGG0199H	IGG0199I
IGG0199J	IGGC199K	IGG0199M	IGG0199Q	IGG0199P
IGG0199Q	IGG0199T	IGGC199U	IGGC199X	IGG0199Y
IGG0199Z	IGG01990	IGG01991	IGG01992	IGG01993
IGGC2001	IGG020P1	IGG020P2	IGG020P3	IGG0200A
IGG0200B	IGG0200C	IGG0200D	IGG0200F	IGG0200G
IGG0200H	IGG0200I	IGG0200J	IGG0200W	IGG0200X
IGG0200Y	IGG0200Z	IGG0201A	IGG0201B	IGG0201D
IGG0201X	IGG0201Y	IGG0201Z	IGG0209Z	IGG0210A
IGGC230C	IGG0230D	IGG029R1	IGG0290A	IGG0290B
IGG0290C	IGG0290D	IGG0290E	IGG0290F	IGG03001
IGG03002	IGG03003	IGG0325A	IGG0325B	IGG0325C
IGG0325D	IGG0325E	IGG0325F	IGG0325G	IGG0325H
IGG0325J	IGG0325K	IGG0325L	IGG0325P	IGG0325Q
IGG0325R	IGG0325S	IGG0325T	IGG0325U	IGG0325V
IGG0325W	IGG0325Z	IGG0550A	IGG0550B	IGG0550C
IGG0550D	IGG0550E	IGG0550F	IGG0550G	IGG0550H
IGG0550I	IGG0550J	IGG0550K	IGGC550L	IGG0550M
IGG0550N	IGG0550P	IGG0550Q	IGG0550R	IGG0550S
IGG0550T	IGG0550U	IGG0550V	IGG0550W	IGG0550X
IGG0550Y	IGG0550Z	IGG0551A	IGGC551B	IGG0552A
IGG0552B	IGG0552C	IGG0552D	IGG0552E	IGG0552F
IGG0552H	IGG0552I	IGGC552J	IGGC552K	IGG0552L
IGG0552M	IGG0552N	IGG0552O	IGG0552P	IGG0552Q
IGG0552R	IGG0552X	IGG0552Z	IGG0553A	IGG0553B
IGG0553C	IGG0553D	IGG0553E	IGGC559D	IGG0559E
IGG0559F	IGG0559G	IGG0559I	IGG0559J	IGG0559P
IGG0559Q	IGG08101	IGG081C2	IGG08103	IGG08104
QMDDVOL1	READPSWD	SECL0ADA		

SYS1.DM509

IGC0005C	IGGR19DA	IGGR19DB	IGGR19DD	IGGR19KI
IGGR19KK	IGGR19KM	IGGR19KN	IGGR19KO	IGG019BR
IGG019BS	IGGC19BT	IGG019DA	IGG019DB	IGG0190C
IGG019DD	IGG019KA	IGGC19KC	IGG019KE	IGG019KF
IGG019KG	IGG019KH	IGGC19KI	IGG019KJ	IGG019KK
IGG019KL	IGG019KM	IGGC19KN	IGG019KO	IGG019KQ
IGG019KR	IGG019KS	IGG019KU	IGG019Kv	IGG019KY
IGG019LA	IGGC19LC	IGG019LE	IGG019LG	IGG019LI
IGG0191L	IGG0191M	IGG0193A	IGGC193C	IGG0193E
IGG0193F	IGG0193G	IGGC195L	IGG0203A	

SYS1.DN527

IFBSR000	IFBSR040	IFBSR050	IFBSR065	IFBSR075
IFBSR140	IFBSR150	IFBSR165	IFBSR175	IFBSR3A5

SYS1.DN527

(CONTINUED)

IFBSR340	IFBSR350	IFBSR365	IFBSR375	IFBSR395
IFCEA085	IFCEA155	IFCEA165	IFCEA195	IFCEB085
IFCEB155	IFCEB195	IFCEC085	IFCEC155	IFCEC195
IFCED155	IFCED195	IFCEE155	IFCEE195	IFCEF155
IFCEF195	IFCEG155	IFCEG195	IFCEIPL0	IFCEI145
IFCEI155	IFCEJ145	IFCEMERC	IFCEMER1	IFCEMER2
IFCEMER3	IFCEMER4	IFCEMER5	IFCEP000	IFCEP001
IFCEP005	IFCEP0C7	IFCEP0C8	IFCEP009	IFCEP010
IFCEP020	IFCEP030	IFCEP031	IFCEP032	IFCEP033
IFCEP034	IFCEP035	IFCEP036	IFCEP037	IFCEP038
IFCEP040	IFCEP041	IFCEP051	IFCEP052	IFCEP061
IFCEP071	IFCEP072	IFCEP091	IFCEP104	IFCEP105
IFCEP106	IFCEP107	IFCEP109	IFCEP400	IFCEP401
IFCEP500	IFCEP501	IFCEP650	IFCEP651	IFCEP652
IFCEP751	IFCEP752	IFCEP753	IFCEP754	IFCEP950
IFCEP951	IFCEP952	IFCEP953	IFCEREPO	IFCET002
IFCET004	IFCET008	IFCEUKNO	IFCEXXXA	IFCEXXXC
IFCEXXXD	IFCEXXXE	IFCEXXXC	IFCEXXX1	IFCEXXX2
IFCEXXX3	IFCEXXX4	IFCEXXX5	IFCEXXX6	IFCEXXX7
IFCEXXX8	IFCEXXX9	IFCE0085	IFCE0145	IFCE0155
IFCE0165	IFCEC195	IFCE2860	IFCE2870	IFCE2880
IFCM5G00	IFCRDE00	IFCRDE01	IFCRDE02	IFCRDE03
IFCRE002	IFCREC03	IFCSDR00	IFCSIPL0	IFCSI145
IFCSI155	IFCST008	IFCSUKNO	IFCSXXXA	IFCSXXXC
IFCSXXXD	IFCSXXXE	IFCSXXX0	IFCSXXX1	IFCSXXX2
IFCSXXX3	IFCSXXX4	IFCSXXX5	IFCSXXX6	IFCSXXX7
IFCSXXX8	IFCSXXX9	IFCS0145	IFCS0145	IFCS0155
IFCS0165	IFCSC195	IFCS2860	IFCS2870	IFCS2880
IFCTP000	IFCTP040	IFCTP080	IFCTP081	IFCTP082
IFCTP083				

SYS1.DN533

IFDMSG00	IFDMSG02	IFDMSG03	IFDMSG05	IFDMSG06
IFDMSG07	IFDMSG08	IFDMSG13	IFDMSG20	IFDMSG22
IFDMSG25	IFDMSG31	IFDMSG32	IFDMSG33	IFDMSG35
IFDMSG36	IFDMSG37	IFDMSG38	IFDMSG50	IFDMSG53
IFDMSG54	IFDMSG56	IFDOLT00	IFDOLT01	IFDOLT02
IFDOLT03	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	IFDOLT46	IFDOLT48
IFDOLT50	IFDOLT51	IFDOLT52	IFDOLT53	IFDOLT54
IFDOLT55	IFDOLT56	IFDOLT59	IGC0005I	IGC0205I
IGC0405I	IGC0505I	IGCC6C5I	IGCC7C5I	IGE0019I
IGE0119I				

SYS1.DN539

IFCEP655	IFCEP656	IGC0008E	IGC0108E	IGC0208E
IGC0308E	IGC0408E	IGC0508E	IGC0608E	IGC0708E
IGC2603D	IGEC660A	IGFASRCA	IGFASROB	IGFASROC
IGFASROD	IGFASR01	IGFASR1A	IGFASR1C	IGFASR1D
IGFASR10	IGFASR2C	IGFASR2D	IGFASR2K	IGFASR2O
IGFASR3C	IGFASR3C	IGFCCH1N	IGFCCH48	IGFCCH60
IGFCCH68	IGFCCH70	IGFCCH80	IGFDDRMF	IGFDDRMV
IGFCCR00	IGFDDR02	IGFDDR03	IGFDDR04	IGFDDR10
IGFMCH00	IGFMCH01	IGFMCH02	IGFMCH03	IGFMCH04
IGFMCH05	IGFMCH06	IGFMCH07	IGFMCH08	IGFMCH09
IGFMCH10	IGFMCH11	IGFMCH12	IGFMCH13	IGFMCH14
IGFMCH15	IGFMCH16	IGFMCH17	IGFMCH18	IGFMCH19
IGFMCH20	IGFMCH21	IGFMCH22	IGFMCH23	IGFMCH24
IGFMCH25	IGFMCH26	IGFMCH27	IGFMCH28	IGFMCH29
IGFMCH30	IGFMCH31	IGFMCH32	IGFMCH33	IGFMCH34
IGFMCH35	IGFMCH36	IGFMCH37	IGFMCH38	IGFMCH39
IGFMCH40	IGFMCH41	IGFMCH42	IGFMCH43	IGFMCH44
IGFMCH45	IGFMCH46	IGFMCH47	IGFMCH48	IGFMCH49
IGFMCH50	IGFMCH51	IGFMCH52	IGFMCH53	IGFMCH54
IGFMCH55	IGFMCH56	IGFMCH57	IGFMCH58	IGFMCH59
IGFMCH60	IGFMCH61	IGFMCH62	IGFMCH63	IGFMCH64
IGFMCH65	IGFMCH66	IGFMCH67	IGFMCH68	IGFMCH69
IGFMCH70	IGFMCH71	IGFMCH72	IGFMCH73	IGFMCH74
IGFMCH75	IGFMCH76	IGFMCH77	IGFMCH78	IGFMCH79
IGFMCH80	IGFMCH81	IGFMCH82	IGFMCH83	IGFMCH84
IGFMCH85	IGFMCH86	IGFMCH87	IGFMCH88	IGFMCH89
IGFMCH90	IGFMCH91	IGFMCH92	IGFMCH93	IGFMCH94
IGFMCH95	IGFMCH96	IGFMCH97	IGFMCH98	IGFMCH99
IGF24MPD	IGF2403D	IGF2503D	IGF2603D	IGF29601
IGF29701	IGF34MPD	IGF553C1	IGF65FMC	IGF65MFT
IGF65MP	IGF65MVT	IGF65PMC	IGF65VNC	

SYS1.DN554

IMAPTFLE	IMAPTFLS	IMAPTF01	IMAPTF02	IMASPAZ
IMBMDMAP	IMDDREAD	IMDPRCOM	IMCPRCTL	IMDPRDPS
IMDPRFSR	IMDPRFUB	IMDPRFUR	IMCPRFXT	IMDPRLOD
IMDPRLPA	IMDPRMST	IMDPRNUC	IMDPRPAL	IMDPRPCR
IMCPRPDR	IMDPRPJB	IMDPRPNS	IMCPRPCB	IMDPRRDC
IMDPRSEG	IMDPRSWP	IMDPRTSO	IMDTREAD	

SYS1.DN554A

IMCJQCMP

SYS1.DUADS

IBMUSERO

SYS1.ED521

IEWLMADA	IEWLMAPT	IEWLMBTP	IEWLMENC	IEWLMENS
IEWLMEND	IEWLMESD	IEWLMFNL	IEWLMINC	IEWLMINP
IEWLMINT	IEWLMMAP	IEWLMOPT	IEWLMOUT	IEWLMRAT
IEWLMRCG	IEWLMREL	IEWLMROU	IEWLMSCD	IEWLMSCN
IEWLMSYM				

SYS1.FORTLIB

SYS1.F0500

IEKAA00	IEKAA01	IEKAFP	IEKAINIT	IEKAPT
IEKARW	IEKATB	IEKATM	IEKCAA	IEKCAR
IEKCCR	IEKCCO	IEKCDP	IEKCDT	IEKCGC
IEKCGO	IEKCGW	IEKCIO	IEKCLT	IEKCPX
IEKCSF	IEKCSR	IEKCTN	IEKODL	IEKDIO
IEKFCOMH	IEKFIOCS	IEKGA1	IEKGCR	IEKGCZ
IEKEDA	IEKGEV	IEKGMP	IEKGST	IEKJA
IEKJAL	IEKJAN	IEKJA1	IEKJA2	IEKJA3
IEKJA4	IEKJBF	IEKJCP	IEKJDF	IEKJFI
IEKJFU	IEKJGR	IEKKN	IEKKOP	IEKKOS
IEKKPA	IEKKRE	IEKSA	IEKSM	IEKST
IEKKUN	IEKLAB	IEKLER	IEKLG	IEKLMA
IEKLOK	IEKLRC	IEKLTB	IEKPB	IEKPGK
IEKPLS	IEKPO	IEKPT	IEKPZ	IEKP30
IEKP31	IEKQAA	IEKQBM	IEKQCF	IEKQCL
IEKQKO	IEKQMT	IEKQPF	IEKQSM	IEKCSR
IEKQTL	IEKQWT	IEKQXM	IEKQXS	IEKRBK
IEKRBP	IEKRCI	IEKRFL	IEKRFP	IEKRFR
IEKRF1	IEKRGB	IEKRLL	IEKRL1	IEKRRG
IEKRS	IEKRSL	IEKRSS	IEKRSX	IEKSBS
IEKTA	IEKTCC	IEKTDF	IEKTD	IEKTEN
IEKTEP	IEKTFM	IEKTIO	IEKTIS	IEKTLB
IEKTL0AD	IEKTLS	IEKTNL	IEKTPK	IEKTPR
IEKTRN	IEKTSR	IEKUEN	IEKVAD	IEKVBL
IEKVFN	IEKVFP	IEKVM2	IEKVPL	IEKVSU
IEKVTN	IEKVTB	IEKVUN	IEKVCN	IEKWKK
IEKXRF	IEKXRS			

SYS1.F0520

IEYALL	IEYEXT	IEYFORT	IEYFORT2	IEYGEN
IEYINT	IEYPAR	IEYROL	IEYUNF	

SYS1.F0550

IPDAGH	IPDER	IPDSN	IPDTEE	
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SYS1.GENLIB

ALGLIB	ALGOL	ASSEMBLR	CENPROCS	CHANNEL
CHECKER	CKPTREST	CMOLIB	COBLIB	COBCL
CONVERT	CTRLPROG	CUPCINT	DATAMGT	EDIT
EDITOR	EMULATOR	FORTLIB	FORTRAN	GENERATE
GENTSO	GJOBCTL	GRAPHICS	HELP	IMAGELIB
IOCHECK	IOCONTRL	IODEVICE	LINKLIB	LOADER

SYS1.GENLIB (CONTINUED)

MACLIB	OUTPUT	PARMLIB	PARTITNS	PL1
PL1LIB	PROCLIB	PTOP	RESMODS	RPG
SCHEDULR	SECMODS	SECONSLR	SGASMPAK	SGGBLPK
SGGEN100	SGIEA2AT	SGIEA2BK	SGIEA2CV	SGIEA2MS
SGIEA2NP	SGIEA2NU	SGIEA2ST	SGIEA2SL	SGIEA2SV
SGIEA2TA	SGIEA2TB	SGIEA2TC	SGIEA2TR	SGIEA2WP
SGIEA3IC	SGIEA3IS	SGIEA5SU	SGIEC2DT	SGIEC2GR
SGIEC2PT	SGIEC2UC	SGIEC202	SGIEC3FB	SGIEC3TP
SGIEC300	SGIEC4UC	SGIEC5DI	SGIEC5DM	SGIEC5IS
SGIEC5PS	SGIEC5TP	SGIEC5CO	SGIEC513	SGIEC519
SGIEC520	SGIEE2C1	SGIEE301	SGIEF2QM	SGIEF201
SGIEF202	SGIEF211	SGIEF212	SGIEF241	SGIEF441
SGIEF442	SGIEF443	SGIEF444	SGIEG200	SGIEG300
SGIEG400	SGIEG501	SGIEG5C2	SGIEG516	SGIEH201
SGIEH401	SGIEH402	SGIEH501	SGIEI2SV	SGIEK201
SGIEK205	SGIEK4C1	SGIEK4C5	SGIEK406	SGIEK502
SGIEM2A0	SGIEM4T0	SGIEM5C0	SGIEP200	SGIEP400
SGIEP500	SGIEP501	SGIEQ2C0	SGIEQ400	SGIEQ500
SGIEQ501	SGIER201	SGIER4C1	SGIER501	SGIES401
SGIEU401	SGIEW201	SGIEW250	SGIEW300	SGIEW400
SGIEW401	SGIEW450	SGIEW550	SGIEX201	SGIEX401
SGIEX402	SGIEX501	SGIEY201	SGIEY401	SGIFC201
SGIFC300	SGIFC400	SGIFC600	SGIFD400	SGIFD500
SGIFF2BM	SGIFF3RN	SGIFF5LS	SGIFF523	SGIGF200
SGIGF300	SGIGF400	SGIGG501	SGIHB200	SGIHE2X1
SGIHE4X1	SGIHE5LA	SGIHE5PB	SGIHE5PC	SGIHG400
SGIHG500	SGIHI401	SGIHI501	SGIHK400	SGIHK500
SGIHK401	SGIHK402	SGIHK500	SGIHK501	SGIKA201
SGIKA401	SGIKA5C1	SGIKD5TP	SGIKF200	SGIKF400
SGIKF500	SGIKF501	SGIKJ2EB	SGIKJ2EF	SGIKJ2LP
SGIKJ4EA	SGIKJ4EB	SGIKJ4EC	SGIKJ4EF	SGIKJ4EG
SGIKJ4EH	SGIKJ4IE	SGIKJ445	SGIKJ5EA	SGIKJ5EB
SGIKJ5EC	SGIKJ5EF	SGIKJ5EG	SGIKJ5EH	SGIKJ5IE
SGIKJ540	SGIKM40C	SGIKM500	SGIMA401	SGIMA501
SGIMA502	SGIPD400	SGIPD500	SGLEDPK1	SGLEDPK2
SGMINPAK	SGPAK248	SGPAK768	SGRELLEV	SORTLIB
SORTMERG	SUPRVSOR	SVCLIB	SVCTABLE	SYSUTILS
TELCMLIB	TESTRAN	TSASMPAK	TSGEN100	TSCPTION
UADS	UCS	UNITNAME		

SYS1.IMAGELIB

FCB2STD1	FCB2STD2	IGGC19LM	IGG019UN	IGG019UC
IGG019UP	IGGC19UQ	IGG0197J	IGG0197K	UCS2A11
UCS2G11	UCS2H11	UCS2P11	UCS2T11	

SYS1.I0523

ANLZ	GARC	GCGRID	GCPRNT	GABEL
GOFFSG	GPGRID	GPVGRD	GSDPLT	GSPLCT
GSTOR	GVSPLT	GVARC	IFFABA	IFFANA

SYS1.I0523 (CONTINUED)

IFFCAN01	IFFCAN02	IFFCAN03	IFFGR1TR	IFFPAAST
IFFPBAPR	IFFPCAAR	IFFPDAPL	IFFPEAGR	IFFPFAVA
IFFPGAVP	IFFP+ALA	IFFPIAPG	IFFPJAPV	IFFPKACG
IFFPLARE	IFFPPASG	IGC0007A	IGC0007C	IGC0007D
IGC0007E	IGC0107A	IGCC7C	IGCC84	IGCC10A
IGE0010B	IGE001CC	IGCC1CD	IGCC11CB	IGGC19CA
IGG0190B	IGG0190E	IGGC190J	IGGC190K	IGGC193L
IGG0193Y	IGGC193Z	IGGC203X	IGG0203Y	PENTRK

SYS1.I0526

IGC054	IGG019GA	IGGC19GB	IGGC19GC	IGGC19GD
IGG019GE	IGG019GF	IGGC19GE	IGGC19GL	IGGC19GM
IGG019GN	IGG019GO	IGGC19GV	IGGC19GW	IGGC19GX
IGG019GY	IGG019GZ	IGGC19G0	IGGC19G1	IGGC19G2
IGG019G3	IGG019G4	IGGC19G5	IGGC19G6	IGGC19G7
IGG019G8	IGG019G9	IGGC19HA	IGGC19HB	IGGC19HD
IGG019HF	IGG019HG	IGGC19HH	IGGC19HI	IGGC19HJ
IGG019HK	IGG019HL	IGGC19HN	IGGC19HP	IGGC19H3
IGG019H7	IGG019IA	IGGC19IB	IGGC19IE	IGGC19IF
IGG019IM	IGG019IN	IGGC19IO	IGGC19IX	IGGC19IY
IGG019IZ	IGG019I1	IGGC19I2	IGGC19I9	IGGC19JC
IGG019JH	IGG019JI	IGGC19JJ	IGGC19JK	IGGC19JL
IGG019JM	IGG019JN	IGGC19JO	IGGC19JP	IGGC19JQ
IGG019JR	IGG019JS	IGGC19JT	IGGC19JU	IGGC19JV
IGG019JW	IGGC19JX	IGGC19JC	IGGC19J3	IGGC19J6
IGG019J7	IGG0192A	IGGC192B	IGGC192C	IGGC192D
IGG0192E	IGGC192F	IGGC192G	IGGC192H	IGGC192I
IGG0192J	IGG0192K	IGGC192L	IGGC192M	IGGC192N
IGG01920	IGG0192P	IGGC192Q	IGGC192R	IGGC192S
IGG0192T	IGG0192U	IGGC192V	IGGC192W	IGGC192X
IGG0192Z	IGGC1920	IGGC1921	IGGC1922	IGGC1924
IGG01928	IGG01929	IGGC195D	IGGC195G	IGGC195T
IGG0195U	IGGC1950	IGGC196D	IGGC196G	IGGC202A
IGG0202D	IGGC202I	IGGC202J	IGGC202K	IGGC202L
IGG0202M	IGG02028	IGGC2029	IGGC03211	IGGC03212
IGG03213	IGG03214	IGGC03215	IGGC03216	IGGC03217
IGG03218				

SYS1.LD547

IEWLDIDY	IEWLDIOC	IEWLDLIB	IEWLDREL	IEWLDRGC
LOADER				

SYS1.LINKLIB

ASMBLR	DEVMSKT	DEVNAMET	GO	IEAXPALL
IEAXPDXR	IEAXPSIM	IEBCOMPR	IEBCOPY	IEBCRANL
IEBCREAT	IEBDG	IEBDGCP	IEBDGMSG	IEBEDIT

SYS1.LINKLIB

(CONTINUED)

IEBFCANL	IEBFCIBL	IEBGENER	IEBISAM	IEBISC
IEBISF	IEBISL	IEBISPL	IEBISU	IEBPTPCH
IEBUPDTE	IECBBFB1	IECQBFG1	IEECVCTI	IEEDEXIT
IEEDFINB	IEEDFINC	IEEDFIN1	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	IEESD590
IEESD591	IEESD82A	IEEUNIT1	IEEUNIT2	IEEUNIT3
IEEUNIT4	IEEVACTL	IEEVI CLR	IEEVLNKT	IEEVCMSG
IEEVPRES	IEEVRCL	IEEVRCTL	IEEVRJCL	IEEVSTAR
IEEVTCTL	IEEVWTR1	IEEZEXIT	IEE0503D	IEE591SD
IEFAL ENT	IEFALRET	IEFBR14	IEFCVOL1	IEFCVOL2
IEFCVOL3	IEFDSDRP	IEFDSO	IEFDSOAL	IEFDSOFB
IEFCSOSM	IEFDSOWR	IEFICR	IEFIRC	IEFMCVOL
IEFPPGM	IEFPRINT	IEFPRT	IEFQDELE	IEFQINTZ
IEFMNQ2	IEFMRAW	IEFMSSS	IEFMUNC	IEFRCLN1
IEFRCLN2	IEFRSTRT	IEFSDTTE	IEFSDXXX	IEFSDXYZ
IEFSD068	IEFSD07C	IEFSDC71	IEFSD078	IEFSD079
IEFSD080	IEFSD085	IEFSD086	IEFSD087	IEFSD094
IEFSD105	IEFSD168	IEFSD3C0	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	IEFVGM7	IEFVGM70	IEFVGM71	IEFVGM76
IEFVGM78	IEFVGM8	IEFVGM9	IEFVHA	IEFVHAA
IEFVHB	IEFVHC	IEFVHCB	IEFVHG	IEFVHM
IEFVHN	IEFVH1	IEFVINA	IEFVMCVL	IEFVM1
IEFVM6LS	IEFVRR1	IEFVRRCA	IEFVRRCB	IEFVRR1
IEFVRR2	IEFVRR3	IEFVR2AE	IEFVR3AE	IEFV15XL
IEFV4221	IEFWACC	IEFWC000	IEFWDC00	IEFWSYP3
IEFW21SD	IEFW41SD	IEFW42SD	IEFXA	IEFXJX5A
IEFXJ000	IEFXKCC0	IEF085SD	IEF086SD	IEF36FK2
IEF36WTO	IEF585EP	IEF585SP	IEF850SD	IEHATLAS
IEHDANAL	IEHDAQUT	IEHDASDR	IEHDASDS	IEHDCELL
IEHDDUMP	IEHDGETA	IEHDLABL	IEHDMSGB	IEHOPASS
IEHDPRNT	IEHDRCVR	IEHDREST	IEHDSCAN	IEHOVTOC
IEHINITT	IEHIQSUP	IEHLIST	IEHMOVE	IEHMVERA
IEHMYERD	IEHMVESA	IEHMVESC	IEHMVESE	IEHMVESH
IEHMVESI	IEHMVESJ	IEHMVESK	IEHMVESL	IEHMVESM
IEHMVESN	IEHMVESQ	IEHMVESP	IEHMVESQ	IEHMVESR
IEHMVESS	IEHMVEST	IEHMVESU	IEHMVESV	IEHMVESX
IEHMVESY	IEHMVESZ	IEHMVETA	IEHMVETG	IEHMVETJ
IEHMYETL	IEHMYXSE	IEHMYVSF	IEHPRNT	IEHPRGGM
IEPSCAN	IEUASM	IEUERR	IELFI	IEUFP
IEUF1	IEUF2	IEUF3	IEUF3E	IEUF7
IEUF8	IEUMAC	IEURTA	IEWL	IEWLF440

SYS1.LINKLIB

(CONTINUED)

IEWSZVR	IEZCCDE	IEZNCODE	IFCDIP00	IFCEREPO
IFCEREPL	IFCMG00	IFCOBRSM	IFCOBR00	IFCOBR01
IFCOBR02	IFCOERC3	IFCOBR10	IFCRDE00	IFCSOR00
IFCTP000	IFCTP040	IGGC19BC	IHGUADEL	IHGUA
IMAPTFLE	IMAPTFLS	IMAPTF01	IMAPTF02	IMASZAP
IMBMDMAP	IMDDREAC	IMOPRDMP	IMCPRDPS	IMDPRFSR
IMDPRFUB	IMDPRFUR	IMDPRFXT	IMCPRLOD	IMDPRLPA
IMDPRMST	IMDPRNUC	IMDPRPAL	IMDPRPCR	IMDPRPDR
IMDPRPJB	IMCPRPMS	IMDPRQCB	IMDTREAD	LINKEDIT
SMALLGO	SPRINTER			

SYS1.LM501

ADCON=	AIN	ALGAMA	ALCG	ALOG10
AMAXO	AMAX1	AMINO	AMIN1	AMOD
ARCOS	ARITH=	ARSIN	ATAN	ATAN2
CABS	CCOS	CDABS	CDCOS	CDEXP
CDLOG	CDSIN	CDSQRT	CEXP	CGOTO=
CLOG	COS	COSH	COTAN	CSIN
CSQRT	DARCOS	DARSIN	DATAN	DATAN2
DCOS	DCOSF	DCOTAN	DEBUG=	DERF
DERFC	DEXP	DGAMMA	DLGAMA	DLOG
DLOG10	DMAX1	DMIN1	DMOD	DSIN
DSINH	CSQRT	DTAN	DTANH	DUMP
DVCHK	ERF	ERFC	ERRMON	ERRSAV
ERRSET	ERRSTR	EXIT	EXP	FCDXI=
FCXPI=	FDXPC=	FDXPI=	FIXPI=	FRDNL=
FRXPI=	FRXPR=	FWRNL=	GAMMA	IBERH=
IBERR=	ICINT	IHCADJST	IHCCGOTO	IHCCLABS
IHCCLAS	IHCCLXP	IHCCLLOG	IHCCLSCN	IHCCLSQT
IHCSSABS	IHCSSAS	IHCSSXP	IHCSSLOG	IHCSSCN
IHCSSQT	IHCDBUG	IHCDOSE	IHCCEOMH	IHCEDIOS
IHCFFIOS	IHCFFNTF	IHCERRE	IHCERRM	IHCETRCH
IHCFAINT	IHCFCDXI	IHCFCOME	IHCFCOMH	IHCFCVTH
IHCFCXPI	IHCFDUMP	IHCFDVCH	IHCFOXPD	IHCFOXPI
IHCFFEXIT	IHCFFIFX	IHCFFINTH	IHCFFIOSH	IHCFFIXPI
IHCFFMAXI	IHCFFMAXI	IHCFFMAXR	IHCFFMODI	IHCFFMODR
IHCFOPT	IHCFOVER	IHCFRXPI	IHCFRXPR	IHCFLIT
IHCIBERH	IHCIBERR	IHCLASCN	IHCLATAN	IHCLATN2
IHCLEXP	IHCLEXP	IHCLGAMA	IHCLLOG	IHCLSCN
IHCLSCNH	IHCLSQRT	IHCLTANH	IHCLTNCT	IHCNAMEL
IHCSSASCN	IHCSSATAN	IHCSSATN2	IHCSSERF	IHCSSXP
IHCSSGAMA	IHCSSLOG	IHCSSCN	IHCSSCNH	IHCSSQRT
IHCSTAE	IHCSTANH	IHCSTNCT	IHCSTRCH	IHCUOPT
IHCUOPTN	INT	MAXC	MAX1	MINO
MIN1	MOD	OVERFL	PDUMP	SIN
SINH	SLITE	SLITET	SQRT	TAN
TANH				

SYS1.LM512

IHEABUO	IHEABVO	IHEABWC	IHEABZO	IHEADVO
IHEATWH	IHEATWN	IHEATZH	IHEATZN	IHECLSA
IHECLTA	IHECLTB	IHECTTA	IHECTTB	IHECTTC
IHEDIMA	IHEDOMA	IHEDVUC	IHEDVVO	IHEDZWO
IHEDZZO	IHEERDA	IHEEREA	IHEERIA	IHEERNA
IHEEROA	IHEERPA	IHEERSA	IHEERSB	IHEERTA
IHEESMA	IHEESMB	IHEESSA	IHEESSB	IHEEXWO
IHEEXZO	IHEITBA	IHEITCA	IHEITDA	IHEITEA
IHEITFA	IHEITGA	IHEITHA	IHEITJA	IHEITKA
IHEITLA	IHEITMA	IHEITNA	IHEITOA	IHEITPA
IHELNWO	IHELNZO	IHEMPUC	IHEMPVO	IHEMSIA
IHEMSTA	IHEMSWA	IHEMZUD	IHEMZUM	IHEMZVD
IHEMZVM	IHEMZWO	IHEMZZO	IHECPNA	IHEOPOA
IHEOPPA	IHEOPQA	IHEOPZA	IHEOSIA	IHEOSTA
IHEOSWA	IHEPDWO	IHEPDZO	IHEPSWO	IHEPSWO
IHEPSXO	IHEPSZO	IHESMXO	IHESNWC	IHESNWK
IHESNWS	IHESNWX	IHESNXC	IHESNWC	IHESNWK
IHESNZZ	IHESQWC	IHESQZO	IHESNXC	IHESNWK
IHESUBA	IHETEXA	IHETEXB	IHETEXC	IHETNWH
IHETNWN	IHETNZH	IHETNZN	IHETOMA	IHETOMB
IHETOMC	IHETOMD	IHETOME	IHEVCS	IHEVCSA
IHEVCSB	IHEXIUO	IHEXIVO	IHEXIVO	IHEXIZO
IHEXXWO	IHEXXZO	IHEYGWS	IHEYGWV	IHEYGXS
IHEYGXV	IHEYGZS	IHEYGZV	IHEZZAA	IHEZZBA
IHEZZCA	IHEZZFA			

SYS1.LM525

IHDFACPT	IHDFATBL	IHDFBID2	IHCFBID4	IHDFBID5
IHDFBIEX	IHDFBIFD	IHDFBIFL	IHCFBID	IHDFBIF
IHDFBIIL	IHDFBIX2	IHCFBSAM	IHCFCKPT	IHDFCLAS
IHCFCCIF	IHDFDISP	IHDFEDBI	IHCFEFBI	IHDFEFID
IHCFEFIF	IHDFETBL	IHDFFPWR	IHDFGPR	IHDFIDBI
IHDFIDEF	IHDFIDIF	IHDFIDSR	IHDFIDST	IHDFIFBD
IHDFIFBI	IHDFIFBX	IHCFIFEF	IHCFIFEX	IHDFIFID
IHDFITBL	IHDFISQT	IHDFSTID	IHDFTEFP	IHDFTRAN
IHDFVCOM	IHDFVMOV	IHDFVMVJ	IHCFVTRN	IHDFXDIV
IHDFXMUL	IHDFXPWR			

SYS1.LM532

IHIERM	IHIERR	IHIERROR	IHIFDD	IHIFDI
IHIFRI	IHIFRI	IHIFRR	IHIFSA	IHIFSAIN
IHIGPR	IHIGPRCL	IHIGPRGT	IHIGPRPT	IHIIR
IHIARRT	IHIARRY	IHIIBA	IHIIBARR	IHIIBO
IHIIBOAR	IHIIBOOL	IHIIDE	IHIIDEAI	IHIIDEII
IHIIDEIR	IHIIOR	IHIIOREN	IHIIOREV	IHIIORENX
IHIIOROP	IHIISY	IHIISYMB	IHILAT	IHILEX
IHILLO	IHILOR	IHILORAR	IHILOREL	IHILSC
IHILSCC	IHILSCS	IHILSQ	IHIQAR	IHIQARRY
IHIQBA	IHIQBARR	IHIQBO	IHIQBACAR	IHIQBOOL

SYS1.LM532

(CONTINUED)

IHIQIN	IHIQINAR	IHIQINTG	IHIQST	IHIQSTRG
IHIQSY	IHIQSYMB	IHIQTA	IHIQTARR	IHIPTT
IHIPTTAB	IHIISAT	IHISEX	IHIISLO	IHIISOR
IHIISORAR	IHIISOREL	IHISSC	IHISSCC	IHISSCS
IHISSQ	IHIISYS	IHIISYSCT		

SYS1.LM537

BCNV	GSP01	IFFAAA01	IFFAAA02	IFFAAA03
IFFAAA04	IFFAAA05	IFFAAA06	IFFACAC0	IFFACA01
IFFACA02	IFFACA03	IFFACA04	IFFACAC5	IFFACA06
IFFACA07	IFFACAC8	IFFACA13	IFFACA50	IFFADA01
IFFACA02	IFFACA03	IFFAEAC1	IFFAEAC2	IFFAEA03
IFFAEA04	IFFAEAC6	IFFAEA07	IFFAFA01	IFFAFA02
IFFAFA03	IFFAFAC4	IFFAFA05	IFFAFA06	IFFAFA07
IFFAFA08	IFFAFAC9	IFFAFA10	IFFAFA11	IFFAFA12
IFFAFA13	IFFAFA14	IFFAFA15	IFFAFA16	IFFAFA17
IFFAFA18	IFFAFA19	IFFAGA01	IFFAGA02	IFFAGA03
IFFAGA04	IFFACA05	IFFAGA06	IFFAGAC7	IFFAGA08
IFFAHA01	IFFAFAC2	IFFAHA03	IFFAHA04	IFFAHA05
IFFAHA06	IFFAHAG7	IFFAHA09	IFFAHA11	IFFAHA12
IFFAHA13	IFFAHA14	IFFAHA15	IFFAHA16	IFFAJA01
IFFAJA02	IFFAJA03	IFFAJAC4	IHCSPC1	IHCSPC2
IHCSP03	IHCSPC4	IHDGSPC3	IHEGSP03	INGSP
TMGSP				

SYS1.LM542

GDCFE	GDCFF	GDCFI	GDCTE	GDCTF
GDCTI	GTCLT	GTEND	GTNIT	GTRED
GTWRT	IKDCCCFE	IKDGOCFF	IKDGOCFI	IKDGDCTE
IKDGDCTF	IKDCCCTI	IKDGTCLR	IKDGTCLT	IKDGTEND
IKDGTIRB	IKDGTNIT	IKDRDWR	IKDUATBL	

SYS1.LM546

ILBOACPO	ILBOANEO	ILBCANFO	ILBCATBO	ILBCBIDO
ILBOBID1	ILBOBID2	ILBOBIE0	ILBOBIE1	ILBCBIE2
ILBOBIO	ILBCBII1	ILBOBII2	ILBOCKPC	ILBCCLS0
ILBODCIC	ILBODC11	ILBODSPC	ILBODTE0	ILBCDTE1
ILBOEFLO	ILBOEFL1	ILBOEFL2	ILBOERRC	ILBOERR1
ILBOERR2	ILBOERR3	ILBOERR4	ILBOERR5	ILBOETB0
ILBOFPWO	ILBOGPWC	ILBOIDBC	ILBCIDB1	ILBCICRO
ILBOIDTO	ILBOIFB0	ILBOIFB1	ILBOIFB2	ILBCIFD0
ILBOIFD1	ILBOITBC	ILBOIVLO	ILBOMVLO	ILBCPTVO
ILBOPTV1	ILBOPTV2	ILBCSAMR	ILBOSAMO	ILBCSCHO
ILBOSGMO	ILBOSPAO	ILBCSRTO	ILBOSTIO	ILBCSTPO
ILBOSTP1	ILBOTEF0	ILBOTEF1	ILBOTEF2	ILBGTEF3
ILBOTRNO	ILBOTEB0	ILBCVCO0	ILBOVM00	ILBCVM01
ILBCVTR0	ILBOETEC	ILBOXDIO	ILBOXMUC	ILBCXPRC

SYS1.MACLIB

ABEND	ANALYZ	AS	ASGNBFR	ASLIST
ASMTRTAB	ATLAS	ATTACH	ATTNING	BLDL
BREAKOFF	BSP	BUFFER	BUFINC	BUILD
BUILDCRD	CALL	CAMLST	CANCELM	CATALOG
CHAP	CHECK	CHGNTRY	CHKPT	CHNGP
CHNGT	CIRB	CKREQ	CLOSE	CLCSEMC
CNTRL	CONFIGUR	CCOPY	CCPYQ	CCPYT
CCUNTER	CRJELINE	CRJETABL	CRJEUSER	DAR
DATESTMP	DCB	DCBD	DEFAREA	DEFCCW
DELETE	DEQ	DETACH	DELLIST	DEVTYPE
DFTRMLST	DIRECT	DLIST	DCM	DSPLY
DUMP	DXR	ENDRCV	ENDREADY	ENDSEND
ENQ	EOA	EOB	ECBLC	EOV
ERRMSG	ESETL	EXCP	EXTRACT	FECV
FIND	FREEDBUF	FREEDBUF	FREEMAIN	FREEPOOL
GAIC	GBFLM	GBINF	GBPOS	GBPST
GCNL	GCNOP	GCNTRL	GCCN	GDCDS
GDPD	GDRD	GDS	GDSF	GOV
GECF	GECP	GECV	GENSD	GES
GEPI2	GEPM	GESD	GESM	GESU
GET	GETBUF	GETMAIN	GETPOOL	GEV12
GEVM	GFEF	GFFM	GFRM	GIBLC
GINIT	GLCW	GLIC	GLRC	GLRR
GLTR	GLVS	GMLD	GMLW	GMSR
GMVA	GMVD	GNOP2	GNCP4	GO
GODEL	GPDI	GRDA	GRCB	GRDE
GRDS	GREAD	GREADR	GSBLC	GSBPOS
GSCW	GSERV	GSIC	GSRT	GSXY
GTDD	GTND	GTNS	GTNZ	GTCS
GTRU	GTR1	GTR2	GTR3	GTR4
GTSL	GTXT	GTZE	GUSTOR	GWRITE
IDENTIFY	IECTDECB	IEFDSOCB	IHBERMAC	IHBGAM1
IHBGAM2	IHBGAM3	IHBINNRA	IHBINNRB	IHBOPLS
IHBRDWRD	IHBRDWRK	IHBRDWR	IHBRDWR	IHBO1
IHBO2	IMDSADMP	IMGLIB	INDEX	INTERCPT
IOHALT	LERB	LERPRT	LINK	LOAD
LOCATE	LGGSEG	LOPEN	LPSTART	MODE
MSGTYPE	NOTE	OACB	OBTAIN	CNLTST
OPCTL	CPEN	OPTION	PAUSE	POINT
POLL	POLLIMIT	POST	PCSTRCV	PGTSEND
PROCESS	PROTECT	PRTOV	PLT	PUTX
RCVEITA2	RCVEZSC3	RCVHDR	RCVSEG	RDJFCB
RDLNE	READ	RELBUF	RELEASEM	RELEX
RELSE	RENAME	REQBUF	RERCUTE	RESCN
RESERVE	RESETPL	RETRIEVE	RETURN	RJELINE
RJETABL	RJETERM	RJEUSER	RLSEBFR	ROUTE
SAEC	SAVE	SCRATCH	SEGLD	SEGWT
SENDHDR	SENDITA2	SENDSEG	SENDZSC3	SEQIN

SYS1.MACLIB (CONTINUED)

SEQOUT	SET	SETL	SETPRT	SKIP
SMFTM	SNAP	SOURCE	SPAR	SPIE
STAE	STARTLN	STATUS	STEND	STIMER
STOPLN	STOW	SYNAF	SYNACRLS	TERM
TERMTBL	TEST	TGRUP	TIME	TIMESTMP
TPEDIT	TRACE	TRANS	TRLIST	TRNSLATE
TRSLRCTW	TRSLRCT3	TRSLSCTW	TRSLSCT3	TRUNC
TSEVENT	TTIMER	TWAIT	WAIT	WAITR
WRITE	WRU	WTL	WTO	WTOR
XCTL	XDAP	XLATE		

SYS1.MODGEN

CVT	CARMAC	IEAAIH	IEAAMS	IEAANIP
IEAAPS	IEAAPT	IEAATA	IEAATC	IEAANT
IEACVTPC	IEAQAT	IEAQBK	IEAQCH	IEAQET
IEAQFX	IEAQGM	IEAQU	IEAQPR	IEAQTR
IEATCB	IEATRC	IECDSECT	IECGBL	IECICS
IEICT	IEICT	IECILCT	IECINT	IECIOQE
IEIOS	IEIOSB	IECIST	IECIUCB	IECIUCBA
IECLNK1	IECSSDA	IECTBL	IECULK1	IECULK2
IECULK3	IECXCP	IECTCH	IEC23XXF	IEEBASEA
IEEBASEB	IEECHAIN	IEECHATR	IEECUCM	IEECVNUG
IEEGMSLT	IEEXSA	IEFACOMM	IEFAJCTB	IEFASCTB
IEFJFCBN	IEFJFCBX	IEFQMRES	IEFSD032	IEFSD033
IEFSGNOP	IEFUCBCB	IEFVTIOT	IEZBITS	IEZJSCB
IFBSRLOG	IGFCATAP	IGFINIT	IHBABCTL	IHBDMPA
IHBRELNO	IHBROCTL	IHBTSCE	IHBXLE	IHBXLENT
IHBXLIN	IHBXLOUT	IHBXLTAB	IKJRB	IKJTCB
IORMSCOM	IOSGNIP	MGCR	MPCVT	MPFX
QEDIT	SCBDUMP	SCVT	SGIECODT	SGIECOUC
SGIEEOVR	SGIEEOVV	SGIEEOV	SGIEEOC1	SGIEEO11
SGIEFOQM	SGIEFCO1	SGIEFOC2	SGIEFO1C	SGIEFO11
SGIEFO12	SGIEFO13	SGIEFO15	SGIEFO60	SGIEG000
SGIEK001	SGIEK005	SGIEK006	SGIEP000	SGIEQ000
SGIER001	SGIEW001	SGIEW050	SGIEXC01	SGIEV001
SGIFC000	SGIFFOBT	SGIHB0CC	SGIHEOX1	SGIHEOX2
SGIHEOX3	SGIHEOX4	SGIHEOX5	SGIHEOX6	SGIKFO00

SYS1.NL511

IEMAA	IEMAAA	IEMAB	IEMAC	IEMAD
IEMAE	IEMAG	IEMAH	IEMAI	IEMAJ
IEMAK	IEMAL	IEMAM	IEMAN	IEMAO
IEMAS	IEMAT	IEMAV	IEMBC	IEMBE
IEMBF	IEMBG	IEMBI	IEMBJ	IEMBM
IEMBN	IEMBO	IEMBP	IEMBR	IEMBS
IEMBT	IEMBU	IEMBV	IEMBW	IEMBX
IEMCA	IEMCC	IEMCE	IEMCG	IEMCI
IEMCK	IEMCL	IEMCM	IEMCN	IEMCO

SYS1.NL511

(CONTINUED)

IEMCP	IEMCR	IEMCS	IEMCT	IEMCV
IEMCW	IEMED	IEMEF	IEMEG	IEMEH
IEMEI	IEMEJ	IEMEK	IEMEL	IEMEM
IEMEP	IEMEV	IEMEW	IEMEX	IEMEY
IEMEZ	IEMFA	IEMFB	IEMFE	IEMFF
IEMFI	IEMFK	IEMFO	IEMFP	IEMFQ
IEMFT	IEMFU	IEMFV	IEMFW	IEMFX
IEMFY	IEMFZ	IEMF1	IEMGA	IEMGB
IEMGC	IEMGK	IEMGO	IEMGP	IEMGQ
IEMGR	IEMGU	IEMGV	IEMHF	IEMHG
IEMFK	IEMHL	IEMHP	IEMIA	IEMIB
IEMIC	IEMIG	IEMIK	IEMIL	IEMIM
IEMIN	IEMIP	IEMIQ	IEMIT	IEMIX
IEMJD	IEMJI	IEMJJ	IEMJK	IEMJL
IEMJM	IEMJP	IEMJZ	IEMKA	IEMKB
IEMKC	IEMKE	IEMKG	IEMKJ	IEMKN
IEMKO	IEMKP	IEMKQ	IEMKT	IEMKU
IEMKV	IEMLB	IEMLC	IEMLD	IEMLG
IEMLH	IEMLR	IEMLS	IEMLT	IEMLU
IEMLV	IEMLW	IEMLX	IEMLY	IEMMA
IEMMB	IEMMC	IEMMD	IEMME	IEMMF
IEMMG	IEMMH	IEMMI	IEMMJ	IEMMK
IEMML	IEMMM	IEMMN	IEMMO	IEMMP
IEMMS	IEMMT	IEMNA	IEMNB	IEMNG
IEMNH	IEMNJ	IEMNK	IEMNM	IEMNN
IEMNT	IEMNU	IEMNV	IEMOB	IEMOC
IEMOD	IEMOE	IEMOF	IEMOG	IEMOH
IEMOI	IEMOL	IEMOM	IEMON	IEMOO
IEMOP	IEMOQ	IEMOS	IEMOT	IEMCU
IEMPA	IEMPD	IEMPH	IEMPL	IEMPM
IEMPO	IEMPP	IEMPT	IEMPU	IEMPV
IEMQF	IEMQG	IEMQH	IEMQJ	IEMQK
IEMQL	IEMQU	IEMQX	IEMRA	IEMRB
IEMRC	IEMRD	IEMRF	IEMRG	IEMTF
IEMTJ	IEMTK	IEMTO	IEMTP	IEMTC
IEMTT	IEMTU	IEMUA	IEMUB	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	IEMYY
IEMYY				

SYS1.NUCLEUS

IEANUC01

SYS1.PARMLIE

IEABLD00	IEAIGE00	IEAIGGCC	IEARSV00	LNKLST00
SMFDFEFLT				

SYS1.PL1LIB

IHEABND	IHEADDC	IHEAPDA	IHEAPDB	IHEATL1
IHEATL2	IHEATL3	IHEATL4	IHEATS1	IHEATS2
IHEATS3	IHEATS4	IHEBEGA	IHEBEGN	IHEBSAO
IHEBS00	IHEBS00	IHEBSFO	IHEBSIO	IHEBSKA
IHEBSKK	IHEBSKR	IHEBSMF	IHEBSMV	IHEBSMZ
IHEBSNO	IHEBSCC	IHEBSS2	IHEBSS3	IHEBSTA
IHEBSVA	IHECFAA	IHECFBA	IHECFCA	IHECKPS
IHECKPT	IHECNTA	IHECNT8	IHECSCC	IHECSIO
IHECSKK	IHECSKR	IHECSMB	IHECSMF	IHECSMH
IHECSML	IHECSMV	IHECSS2	IHECSS3	IHECSTA
IHECSVA	IHEDBN	IHEDBNA	IHEDCN	IHEDCNA
IHEDCNB	IHEDDIA	IHEDDIB	IHEDDJ	IHEDDJA
IHEDDO	IHEDDCOA	IHEDDOB	IHEDDOC	IHEDDOD
IHEDDOE	IHEDDCP	IHEDDPA	IHEDDPB	IHEDDPC
IHEDDPD	IHEDDT	IHEDDTA	IHEDDTB	IHEDDTC
IHEDDTD	IHEDDTE	IHEDIA	IHECIAA	IHEDIAB
IHEDIBA	IHEDIBB	IHEDIDA	IHEDIE	IHEDIEA
IHEDILA	IHEDILB	IHEDMA	IHEDMAA	IHECNB
IHEDNBA	IHEDNC	IHEDNCA	IHEDOA	IHECOAA
IHEDGAB	IHEDCBA	IHECOBB	IHECOBC	IHECOCA
IHEDOCB	IHEDOE	IHEDOEA	IHEDEPA	IHEDEMC
IHEEFC	IHEEFSF	IHEERRA	IHEERRB	IHEERRC
IHEERRD	IHEEXLO	IHEEXSO	IHEHTLC	IHEHTSC
IHEIBTA	IHEIBTE	IHEIBTC	IHEIBTD	IHEIBTE
IHEIGTA	IHEINTA	IHEIOAA	IHEIOAB	IHEICAC
IHEIOAD	IHEIOBA	IHEIOBB	IHEIOBC	IHEIOBD
IHEIOBE	IHEICCA	IHEIOCB	IHEIOCC	IHEIODG
IHEIOPD	IHEICFA	IHEIOGA	IHEIONA	IHEICPA
IHEIOPB	IHEICPC	IHEIOXA	IHEIOXB	IHEIOXC
IHEJXII	IHEJXIY	IHEJXSI	IHEJXSY	IHEKCA
IHEKCAA	IHEKCB	IHEKCB	IHEKCB	IHEKCD
IHEKCOB	IHEL CIA	IHEL DIB	IHEL DIC	IHEL DID
IHEL DGA	IHEL DCB	IHEL DOC	IHEL NLD	IHEL NLE
IHEL NL2	IHEL NSC	IHEL NSE	IHEL NS2	IHEL SPA
IHEL SPB	IHEL SPC	IHEL SPD	IHEL SPE	IHEL PAIN
IHEM XBN	IHEM XBX	IHEM XDN	IHEM XDX	IHEM XLN
IHEM XLX	IHEM XSN	IHEM XSX	IHEM 91	IHEM 91A
IHEM 91B	IHEM 91C	IHENL 1A	IHENL 1L	IHENL 1N
IHENL 2A	IHENL 2L	IHENL 2N	IHECCLA	IHECCLB
IHEOCLC	IHEOCLD	IHEOCTA	IHEOCTB	IHECCTC
IHEOCTD	IHEOSDA	IHECSEA	IHEOSSA	IHEP DFO
IHEP DLO	IHEP DSO	IHEPRDA	IHEPRTA	IHEPRTB
IHEP SFO	IHEP SLO	IHEP SSO	IHEPTTA	IHEPTTB
IHERESN	IHEREST	IHE SADA	IHE SAPA	IHE SAPP
IHE S APC	IHE S APC	IHE SHLC	IHE SHLS	IHE SHSC
IHE SHSS	IHE SIZE	IHE SMFO	IHE SMGC	IHE SMGR

SYS1.PL111E

(CONTINUED)

IHESMHC	IHESMHR	IHESNLC	IHESNLK	IHESNLS
IHESNLZ	IHESNSC	IHESNSK	IHESNS5	IHESNSZ
IHESPRT	IHESQLO	IHESQSG	IHESRCA	IHESRCB
IHESRCC	IHESRCD	IHESRCE	IHESRCF	IHESRDA
IHESRTA	IHESRTB	IHESRTC	IHESRTD	IHES5FO
IHES5GC	IHES5GR	IHES5HC	IHES5HR	IHES5TA
IHES5GB	IHES5TPA	IHES5TRA	IHES5TRB	IHES5TRC
IHETABS	IHETCVA	IHETCVB	IHETEAA	IHETER
IHETERA	IHETEVA	IHETHLC	IHETHSO	IHETNLD
IHETNLR	IHETNSD	IHETNSR	IHETPBA	IHETPRA
IHETSAA	IHETSAD	IHETSAP	IHETSEA	IHETSSA
IHETSWA	IHEUPA	IHEUPAA	IHEUPAB	IHEUPB
IHEUPBA	IHEUPBB	IHEVCA	IHEVCAA	IHEVFA
IHEVFAA	IHEVFB	IHEVFBA	IHEVFC	IHEVFCA
IHEVFC	IHEVFDA	IHEVFE	IHEVFEA	IHEVKB
IHEVKBA	IHEVKC	IHEVKCA	IHEVKF	IHEVKFA
IHEVKG	IHEVKGA	IHEVPA	IHEVPA	IHEVPB
IHEVPBA	IHEVPC	IHEVPCA	IHEVPD	IHEVPDA
IHEVPE	IHEVPEA	IHEVPF	IHEVPFA	IHEVPG
IHEVPGA	IHEVPH	IHEVPHA	IHEVQAA	IHEVQB
IHEVQBA	IHEVQC	IHEVQCA	IHEVSA	IHEV5AA
IHEV5B	IHEV5BA	IHEV5C	IHEV5CA	IHEV5D
IHEV5CA	IHEV5DB	IHEV5E	IHEV5EA	IHEV5EB
IHEV5F	IHEV5FA	IHEV5TA	IHEX1BO	IHEX1DO
IHEX1LO	IHEX1SC	IHEX1LC	IHEX5SO	IHEYGF5
IHEYGFV	IHEYGL5	IHEYGLV	IHEYGS5	IHEYGSV

SYS1.PL552

IKM001	IKM002	IKM003	IKM02	IKM03
IKM11	IKM12	IKM131	IKM132	IKM133
IKM134	IKM135	IKM136	IKM21	IKM22
IKM23				

SYS1.PROCL1B

ALG0FC	ALG0FCG	ALG0FCL	ALG0FCLG	ASMFC
ASMFCG	ASMFCL	ASMFCCLG	BRDR	COBEC
COBECLG	COBELG	COBFC	COBFCLG	COBFLG
COBUC	COBUCG	COBUCLG	COBULG	DSO
FORTGC	FORTGCL	FORTGCLD	FCRTGCLG	FORTGLG
FORTHG	FORTHCL	FORTHCLD	FCRTHCLG	FORTHLG
IEEVMPCR	IEFREINT	INIT	INITD	LIST
LKED	LKEDG	MOD	PL1DFC	PL1LFC
PL1LFCG	PL1LFCL	PL1LFCLG	PL1LFG	PL1LFLG
PRDMP	PTFLE	RDR	RDR3200	RDR3200
RDR400	RPGEC	RPGECLG	RPGELG	SORT
SORTD	TASME	TASMEG	TASMEGED	TSTRACE
TTED	WTR			

SYS1.PT516

IEGM00A	IEGMG0A	IEGMN0A	IEGNA00A	IEGND00A
IEGN00A	IEGNM0A	IEGNP0A	IEGNS00A	IEGNV00A
IEGNY00A	IEGOPEN2	IEGCPEN3	IEGPA00A	IEGPE00A
IEGPG00A	IEGP00A	IEGPI00A	IEGPK0CA	IEGPP00A
IEGRA00A	IEGR00A	IEGRE00A	IEGRF00A	IEGRG00A
IEGRK00A	IEGRLOA	IEGSFOA	IEGSNOA	IEGSP00A
IEGSQ00A	IEGSR00A	IEGSU01Z	IEGSUC6Z	IEGSU40Z
IEGSU50Z	IEGSU60Z	IEGSU70Z	IEGSU80Z	IEGSU90Z
IEGTTRNA	IEGTTRNB	IEGTTRNC	IEGTTRND	IEGTTRNE
IEGTTRNF	IEGTTRNG	IEGTTRNH	IEGTTRNJ	IEGTTRNK
IEGTTRNL	IEGTTRNM	IEGTTRNN	IEGTTRNO	IEGTTRNP
IEGTTRNR	IEGTTRNT	IEGTTRNX	IEGTTRNZ	IEGTTRNT
IGCO106A	IGC038			

SYS1.RC536

IHKABALC	IHKABLRD	IHKABLST	IHKABLWR	IHKABORT
IHKABRER	IHKABXMT	IHKBBNIT	IHKBBRII	IHKCAINT
IHKCAMSN	IKKASHB	IHKCASHL	IHKCASHM	IHKCASTP
IHKCBCLD	IHKCBLGN	IHKCBRJS	IHKCBSTD	IHKCBUID
IHKCCPLM	IHKCCQMG	IHKCCSCN	IHKCCSGN	IHKCCSUD
IHKCDBDC	IHKCCBIN	IHKCDBIS	IHKCDBMI	IHKCDBPK
IHKCDBSH	IHKCDBTW	IHKCDBTX	IHKCDFMR	IHKCDINI
IHKCOMDE	IHKCDMDQ	IHKCDMEQ	IHKCDMSH	IHKCDRIN
IHKCDRMV	IHKCCSCL	IHKCEDIT	IHKCFBDR	IHKCFMSG
IHKCFOUT	IHKCFQOP	IHKCFSTA	IHKCFSTB	IHKCFWMS
IHKCGALT	IHKCGCLT	IHKCGDT2	IHKCHALC	IHKCHATS
IHKCHBGN	IHKCFCNT	IHKCHOSP	IHKCHIRP	IHKCHJIR
IHKCHJPR	IHKCHLRD	IHKCHLWR	IHKCHNDJ	IHKCHNDP
IHKCHOF5	IHKCHOSE	IHKCHPUP	IHKCHRDR	IHKCHSDQ
IHKCHSUP	IHKCPUCK	IHKCHUMA	IHKCHUMB	IHKCHUMC
IHKCHUMD	IHKCHUME	IHKCHUMF	IHKCHUMG	IHKCHUMH
IHKCHUMI	IHKCHUMJ	IHKCHUMK	IHKCHUML	IHKCHUMM
IHKCHUM4	IHKCHUM5	IHKCHUM6	IHKCHUM7	IHKCHUM8
IHKCHUM9	IHKCRIME	IHKCRUMB	IHKQMNGR	IHKXAINT
IHKXEDIT	IHKXDRDR	IHKXJBGD		

SYS1.RC541

IKAACCTG	IKABDHK	IKABENDA	IKACKXT	IKACTL
IKADAT	IKADGM	IKADIA	IKADIR	IKADM5G
IKACDR	IKAEXT	IKAGCMD	IKAIERR	IKAINIT
IKAJCL	IKALPM	IKAMBEG0	IKAMCSRO	IKAMDESO
IKAMENTO	IKAMERRO	IKAMINIT	IKAMRECO	IKAMSPEO
IKAMWRI0	IKAPBEG0	IKAPCANO	IKAPCSRO	IKAPDESO
IKAPDISO	IKAPENTO	IKAPLOGO	IKAPLONO	IKAPRDGM
IKAPRECO	IKAPROCO	IKAPSMBO	IKAPSPEO	IKAPWRI0
IKASCH	IKASCENQ	IKASDC75	IKASDC80	IKASDC81
IKASD082	IKASDC83	IKASDC84	IKASMBCL	IKASMB5A
IKASMB51	IKASMB52	IKASMB53	IKASMB54	IKASPD
IKASVC	IKATCSTO	IKATDESO	IKATENTO	IKATLOGO

SYS1.RC541 (CONTINUED)

IKATLONO IKATRECO IKATSPEO IKATWRI0 IKA079SD
 IKAC82SD IKA083SD

SYS1.RC543

IKDCTL IKDINIT IKDINPRO IKDIOR IKDMSG
 IKDPLOFO 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 IHKCLN IHKCMD IHKDEF
 IHKDEQ IHKDSP IHKEDT IHKEDI IHKEND
 IHKEOS IHKERR IHKEXC IHKEXF IHKGCW
 IHKGET IHKINI IHKIPT IHKIRL IHKIRP
 IHKLAB IHKLAD IHKLAP IHKLAT IHKLAY
 IHKLDC IHKLDS IHKLEW IHKLGAT IHKLG N
 IHKLST IHKMAA IHKMGE IHKMOD IHKMSG
 IHKMUF IHKNBX IHKNUM IHKCPN IHKOUT
 IHKPUT IHKRER IHKRNQ IHKRNR IHKSAV
 IHKSCN IHKSDQ IHKSMG IHKSND IHKSRV
 IHKSTP IHKSTS IHKSUB IHKSYN IHKTAB
 IHKUTM IHKWTR

SYS1.RG038

IESRPG IES001C IES00910 IES03C1C 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 IES1691C IES17010 IES17910 IES18C1C
 IES18910 IES1901C IES19910 IES20010 IES20910
 IES21010 IES21910 IES22010 IES22910 IES23010
 IES23910 IES2401C IES24110 IES24210 IES24310
 IES24410 IES2451C IES2461C IES24710 IES24910
 IES25010

SYS1.SAMPLIB

COBSAMP CTLG2311 CTLG2314 DASDI DRISAMP
 DUMPREST GSPSAMP IBCDASDI IBCDMPRS IBCRCVRP
 ICAPRTBL IEAIPLOO IEBDATGN IEMSP2 IEPSAMP
 IEQSAMP IER SP IEUESP IEXSAMP IEYSP
 IHGSAMP IKDSAMPL IKFSAMP PL1SAMP RECOVERP

SYS1.SAMPLIB (CONTINUED)

RPGSMLP SAMACTRT SAMP225C SAMP2260 SMFEXITS
 SMFE15 SMFE35A SMFE35B SMFPOST SMFSORT
 TESTEXIT UNCT2311 UNCT2314 USERLABL

SYS1.SM023

IERABA IERABB IERABC IERABE IERABF
 IERABG IERABH IERABI IERABJ IERABK
 IERABL IERABM IERABN IERABO IERABP
 IERABS IERABT IERABU IERABV IERABW
 IERABX IERABY IERABZ IERACB IERADC
 IERADD IERACE IERADG IERADH IERADI
 IERADJ IERADP IERADQ IERADR IERADS
 IERADT IERACX IERAGA IERAGB IERAGC
 IERAGD IERAGE IERAGF IERAGG IERAGI
 IERAGJ IERACK IERAGL IERAGM IERAGN
 IERAGO IERAGP IERAM1 IERAOA IERAOB
 IERACC IERACC IERAOE IERAOF IERAOG
 IERAOH IERAOI IERAOJ IERAOK IERAO L
 IERAO M IERACN IERAOO IERAO P IERAO R
 IERAO S IERACT IERAOU IERAO W IERACX
 IERAOY IERAOZ IERAO1 IERAO2 IERAO3
 IERAPA IERAPB IERAPD IERAPE IERAPF
 IERAPK IERAPL IERAPN IERAPQ IERAPG
 IERBGB IEREX1 IEREX2 IEREX3 IERRBA
 IERRBB IERRBC IERRBE IERRBF IERRBG
 IERRBH IERRBI IERRBJ IERRBK IERRBL
 IERRBM IERRBN IERRBO IERRBP IERRBT
 IERRBU IERRBV IERRBW IERRBX IERRBY
 IERRBZ IERRCA IERRCB IERRCC IERRCD
 IERRCE IERRCF IERRCG IERRCH IERRCI
 IERRCJ IERRCK IERRCL IERRCM IERRCN
 IERRCOO IERRCP IERRCQ IERRCR IERRCS
 IERRCU IERRCW IERRCX IERRCY IERRCZ
 IERRC1 IERRC2 IERRC3 IERRC4 IERRDB
 IERRDC IERRDD IERRDE IERRDG IERRDH
 IERRDI IERRDJ IERRDP IERRDQ IERRDR
 IERRDS IERRDT IERRDX IERRDY IERRGB
 IERRGD IERRGE IERRGF IERRGL IERRGM
 IERRGO IERRGP IERRGQ IERRGR IERRGS
 IERRCD IERRCE IERRCF IERRCG IERRCH
 IERRDI IERRDJ IERRDK IERRDL IERRDM
 IERRDN IERRDO IERRDP IERRDQ IERRDR
 IERRDS IERRDT IERRDX IERRDY IERRGB
 IERRGD IERRGE IERRGF IERRGL IERRGM
 IERRGO IERRGP IERRGQ IERRGR IERRGS
 IERRHD IERRHE IERRHF IERRHG IERRHI
 IERRHO IERRHP IERRHQ IERRHR IERRHS
 IERRHU IERRHV IERRHW IERRHX IERRHY
 IERRIZ IERRJA IERRJB IERRJC IERRJD
 IERRJE IERRJF IERRJG IERRJH IERRJI
 IERRJJ IERRJK IERRJL IERRJM IERRJN
 IERRJO IERRJP IERRJQ IERRJR IERRJS
 IERRJT IERRJU IERRJV IERRJW IERRJX
 IERRJY IERRJZ IERRKA IERRKB IERRKC
 IERRKD IERRKE IERRKF IERRKG IERRKH
 IERRKI IERRKJ IERRKK IERRKL IERRKM
 IERRKN IERRKO IERRKP IERRKQ IERRKR
 IERRKS IERRKT IERRKU IERRKV IERRKW
 IERRKX IERRKY IERRKZ IERRLA IERRLB
 IERRLC IERRLD IERRLE IERRLF IERRLG
 IERRLH IERRLI IERRLJ IERRLK IERRLL
 IERRLM IERRLN IERRLO IERRLP IERRLQ
 IERRLR IERRLS IERRLT IERRLU IERRLV
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 IERRMB IERRMC IERRMD IERRME IERRMF
 IERRMG IERRMH IERRMI IERRMJ IERRMK
 IERRML IERRMN IERRMO IERRMP IERRMQ
 IERRMR IERRMS IERRMT IERRMU IERRMV
 IERRMW IERRMX IERRMY IERRMZ IERRNA
 IERRNB IERRNC IERRND IERRNE IERRNF
 IERRNG IERRNH IERRNI IERRNJ IERRNK
 IERRNL IERRNO IERRNP IERRNQ IERRNR
 IERRNS IERRNT IERRNU IERRNV IERRNW
 IERRNX IERRNY IERRNZ IERROA IERROB
 IERROC IERROD IERROE IERROF IERROG
 IERROH IERROI IERROJ IERROK IERROL
 IERROM IERRON IERROO IERROP IERROS
 IERROT IERROU IERROV IERROW IERROX
 IERROY IERRP1 IERRP2 IERRP3 IERRP4
 IERRP5 IERRP6 IERRP7 IERRP8 IERRP9
 IERRPA IERRPB IERRPC IERRPD IERRPE
 IERRPF IERRPG IERRPH IERRPI IERRPJ
 IERRPK IERRPL IERRPM IERRPN IERRPO
 IERRPP IERRPQ IERRPR IERRPS IERRPT
 IERRPU IERRPV IERRPW IERRPX IERRPY
 IERRPZ IERRQA IERRQB IERRQC IERRQD
 IERRQE IERRQF IERRQG IERRQH IERRQI
 IERRQJ IERRQK IERRQL IERRQM IERRQN
 IERRQO IERRQP IERRQR IERRQS IERRQT
 IERRQU IERRQV IERRQW IERRQX IERRQY
 IERRQZ IERRRA IERRRB IERRRC IERRRD
 IERRRE IERRRF IERRRG IERRRH IERRRI
 IERRRJ IERRRK IERRRL IERRRM IERRRN
 IERRRO IERRRP IERRRQ IERRRS IERRRT
 IERRRU IERRRV IERRRW IERRRX IERRRY
 IERRRZ IERRSA IERRSB IERRSC IERRSD
 IERRSE IERRSF IERRSG IERRSH IERRSI
 IERRSJ IERRSK IERRSL IERRSM IERRSN
 IERRSO IERRSP IERRSQ IERRSR IERRST
 IERRSU IERRSV IERRSW IERRSX IERRSY
 IERRSZ IERRTA IERRTB IERRTC IERRTD
 IERRTE IERRTF IERRTG IERRTH IERRTI
 IERRTJ IERRTK IERRTL IERRTM IERRTN
 IERRTO IERRTP IERRTQ IERRTR IERRTS
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 IERRXO IERRXP IERRXQ IERRXR IERRXS
 IERRXT IERRXU IERRXV IERRXW IERRXX
 IERRXY IERRXZ IERRYA IERRYB IERRYC
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 IERR9X IERR9Y IERR9Z

SYS1.SORTLIB

IERABQ	IERABR	IERACL	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
IERRVC	IERRQC	IERROV	IERRPC	IERRPF
IERRPG				

SYS1.SVCLIB

EMODVOL1	IGCXLC7B	IGCOA01C	IGCOA05A	IGCOA06C
IGC0B01C	IGC0B05A	IGC0CC5A	IGC0DC5A	IGC0D06C
IGCCE05A	IGC0FC5A	IGC0F06C	IGC0G05B	IGC0G95B
IGCCH05B	IGC0I05B	IGC0IC7B	IGC0J05B	IGC0K05B
IGCOL05A	IGC0L05B	IGCOM05B	IGCON05B	IGCON06C
IGCCP05B	IGC0QC5B	IGC0Q06C	IGCOR05B	IGCOS05B
IGCOS06C	IGC0TC5B	IGCOV05B	IGCOW05B	IGCOZ05A
IGC0001C	IGC00C1D	IGC0CC1F	IGC00C1G	IGC0001I
IGC0002	IGC00C2A	IGC0CC02B	IGC0002C	IGC0002D
IGC0002E	IGC00C2F	IGC0CC2G	IGC0002H	IGC0002I
IGC0003	IGC0003A	IGC0003B	IGC0003C	IGC0003D
IGC0003E	IGC00C3F	IGC00C3I	IGC0004	IGC0004B
IGC0005A	IGC00C5B	IGC0005E	IGC0005G	IGC0006
IGC0006C	IGC0006D	IGC0006H	IGC0006I	IGC0007B
IGC0007F	IGC00C7A	IGC0CC8A	IGC0008B	IGC0008F
IGCC009	IGC00C9A	IGC0009H	IGC0010E	IGC0101C
IGC0101F	IGC0103D	IGC0103E	IGC0105A	IGC0105B
IGC0106C	IGC0106H	IGC0107B	IGC0107F	IGC0107H
IGCC108B	IGC0109	IGC0109A	IGC0109H	IGC0111C
IGC0201C	IGC02C1F	IGCC2C3E	IGC0205A	IGC0205B
IGC0206C	IGC0206H	IGC0207F	IGC0208B	IGC0209
IGC0209H	IGC0211C	IGCC221C	IGC0301C	IGC0303E
IGC0305A	IGC03C6H	IGC03C7F	IGC0308B	IGC0309
IGCC311C	IGC0321C	IGCC401C	IGC0403D	IGC0403E
IGC0405A	IGC0406H	IGC0411C	IGC0501C	IGC0503D
IGCC505A	IGC05C5B	IGC0506C	IGCC506H	IGC0601C
IGCC603D	IGC06C5B	IGC0606H	IGC0701C	IGC0703D
IGC0706H	IGC0801C	IGC0803D	IGCC806H	IGC0901C
IGC0903D	IGCC9C6H	IGC11C7B	IGC1103D	IGC1107B
IGC1203D	IGC1303D	IGC1403D	IGC1503D	IGC1603D
IGC1803D	IGC19C3D	IGC2I07B	IGC2107B	IGC2303D
IGC25C3D	IGC26C3D	IGC2803D	IGC29C3D	IGC3103D
IGC3203D	IGC3503D	IGC3903D	IGC4503D	IGC5403D
IGC5503D	IGC5803D	IGC6503D	IGC6603D	IGE0000A
IGECC00D	IGE0000E	IGE0000F	IGE0000G	IGE0000I
IGEC001C	IGE0025C	IGE0025D	IGE0025E	IGE0025F
IGE0100F	IGE0100I	IGE0101C	IGE0125C	IGE0125E
IGE0125F	IGE02C0I	IGE0225C	IGE0225E	IGE0300I
IGE0325C	IGE0425C	IGE0425F	IGE0525F	IGE0625F
IGG0900I	IGGAARPS	IGG0CLC1	IGG0CLC2	IGG0CLC3
IGG0CLC4	IGG0CLC5	IGG0CLC6	IGG0CLC7	IGG0CLF2

SYS1.SVCLIB

(CONTINUED)

IGG019AA	IGG019AB	IGGC19AC	IGG019AD	IGGC19AE
IGG019AF	IGG019AG	IGG019AI	IGG019AJ	IGGC19AK
IGG019AL	IGG019AM	IGGC19AN	IGGC19AQ	IGGC19AR
IGG019AT	IGG019AV	IGGC19AW	IGGC19AX	IGGC19BA
IGG019BB	IGG019BC	IGGC19BD	IGG019BE	IGG019BF
IGG019BG	IGG019BH	IGGC19BI	IGGC19BK	IGG019BL
IGG019BM	IGG019BN	IGGC19BO	IGGC19BP	IGGC19BQ
IGG019BU	IGG019BV	IGGC19CA	IGG019CB	IGG019CC
IGG019CD	IGG019CE	IGGC19CF	IGGC19CG	IGG019CH
IGG019CI	IGG019CJ	IGGC19CK	IGGC19CL	IGG019CM
IGG019CN	IGG019CO	IGGC19CP	IGG019CQ	IGG019CR
IGG019CS	IGGC19CT	IGGC19CU	IGGC19CV	IGG019CW
IGG019CX	IGG019CY	IGGC19CZ	IGG019CO	IGGC19CI
IGG019C2	IGG019C3	IGGC19C4	IGGC19C5	IGGC19C8
IGG019EA	IGGC19EB	IGGC19EC	IGG019ED	IGG019EE
IGG019EF	IGG019EK	IGGC19FB	IGGC19FD	IGG019FF
IGG019FG	IGG019FJ	IGGC19FL	IGG019FN	IGG019FP
IGG019FR	IGGC19FS	IGG019PE	IGGC19P9	IGGC19TC
IGG019TD	IGG019TV	IGGC19TW	IGGC19T2	IGG019OA
IGG019OB	IGG019OC	IGGC19OD	IGGC19OE	IGGC19OF
IGG019OG	IGG019OH	IGGC19OI	IGGC19OJ	IGG019OK
IGG019OL	IGG019OM	IGGC19ON	IGGC19OP	IGG019OQ
IGG019OR	IGG019OS	IGG019OT	IGG019OU	IGG019OV
IGG019OW	IGGC19CX	IGGC19OY	IGGC19OZ	IGGC19IA
IGG0191B	IGG0191C	IGG0191D	IGG0191E	IGG0191F
IGG0191G	IGGC191H	IGGC191I	IGG0191J	IGGC191K
IGG0191N	IGG0191O	IGGC191P	IGGC191Q	IGG0191R
IGG0191S	IGG0191T	IGGC191U	IGG0191V	IGG0191W
IGG0191X	IGG0191Y	IGGC191Z	IGGC1910	IGGC1911
IGG01912	IGG01913	IGG01914	IGG01915	IGGC1916
IGG01917	IGG01918	IGGC1919	IGG0193I	IGG0196A
IGG0196B	IGG0196P	IGGC197E	IGGC197F	IGGC197U
IGG0199A	IGG0199C	IGG0199D	IGG0199E	IGG0199H
IGG0199I	IGG0199J	IGGC199K	IGGC199M	IGG0199D
IGG0199P	IGG0199Q	IGGC199T	IGGC199U	IGG0199X
IGG0199Y	IGG0199Z	IGGC1990	IGG01991	IGG01992
IGG01993	IGG020D1	IGG020P1	IGG020P2	IGG020P3
IGG0200A	IGG02CCB	IGG0200C	IGG0200D	IGG0200F
IGG0200G	IGG0200H	IGG0200I	IGG0200J	IGG0200W
IGG0200X	IGG0200Y	IGG0200Z	IGG0201A	IGG02C1B
IGG0201X	IGG02C1Y	IGG02C1Z	IGG02C9Z	IGG0210A
IGG0230C	IGG0230D	IGG029R1	IGG0290A	IGGC290B
IGG0290C	IGG0290D	IGGC290E	IGG0290F	IGG0300I
IGG03002	IGG03CC2	IGGC325A	IGGC325B	IGGC325C
IGG0325D	IGG0325E	IGGC325F	IGG0325G	IGG0325H
IGG0325J	IGG0325K	IGG0325L	IGG0325P	IGG0325Q
IGG0325R	IGG0325S	IGG0325T	IGG0325U	IGG0325V
IGG0325W	IGG0325X	IGGC550A	IGGC550B	IGGC550C
IGG0550C	IGG0550E	IGGC550F	IGGC550G	IGG0550H
IGG0550I	IGG0550J	IGGC550K	IGG0550L	IGG0550M
IGG0550N	IGG0550P	IGGC550Q	IGG0550R	IGG0550S
IGG0550T	IGG0550U	IGG0550V	IGG0550W	IGG0550X
IGG0550Y	IGGC550Z	IGG0551A	IGG0551B	IGG0552A

SYS1.SVCLIB (CONTINUED)

IGG0552B	IGG0552C	IGG0552D	IGG0552E	IGG0552F
IGG0552H	IGG0552I	IGG0552J	IGG0552K	IGG0552L
IGG0552M	IGG0552N	IGG0552O	IGG0552P	IGG0552Q
IGG0552R	IGG0552X	IGG0552Z	IGG0553A	IGG0553B
IGG0553C	IGG0553D	IGG0553E	IGG0559D	IGG0559E
IGG0559F	IGG0559G	IGG0559I	IGG0559J	IGG0559P
IGG0559Q	IGGC8101	IGG08102	IGG08103	IGG08104
IGG086AE	IGG0860A	IGGC86CB	IGG0860C	IGG0860D
IGG2103D	OMODVOL1	READPSWD	SECLGADA	

SYS1.TCAMMAC

ATTEN	CANCELMG	CARRIAGE	CHECKPT	CODE
CUTOFF	DATETIME	ERRORMSG	FCRWARD	HANGUP
HOLD	ICHNG	ICOPY	IEDQCHAR	IEDQCHI
IEDQCKO	IEDQFEA	IEDQGCH	IEDQMASK	IEDQSCAN
IEDQTO	IEDQTQ	IEDQTT	IEDQVCON	INBUF
INEND	INHOR	INITIATE	INMSG	INTRO
INVLIST	INVLIST1	INVLIST2	INVLIST3	LOCK
LOGOPT	LOG	LOGON	LCGTYPE	MCPCLCSE
MRELEASE	MSGEDIT	MSGFCRM	MSGGEN	MSGLIMIT
ORIGIN	OUTBUF	OUTEND	OUTHDR	CUTMSG
PATH	PCB	PRIORITY	QCOPY	GSTART
READY	REDIRECT	SCREEN	SEQUENCE	SETEOF
SETSCAN	SIMATTN	STARTMH	TCHNG	TCOPY
TERMINAL	TERRSET	TLIST	TPDATE	TPROCESS
TRANLIST	TSINPUT	TTABLE	TTSID	UNLOCK

SYS1.TSOGEN

SGIKJOEB	SGIKJOEF	SGIKJCLP
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SYS1.TSOMAC

GETLINE	GTSIZE	IKJCPPL	IKJCSOA	IKJCSPL
IKJDAPL	IKJDAP0C	IKJDAP00	IKJDAP04	IKJDAP08
IKJDAP1C	IKJDAP10	IKJDAP14	IKJDAP18	IKJDAP2C
IKJDAP24	IKJDAP28	IKJDAP30	IKJDSE	IKJECBS
IKJECT	IKJENDP	IKJGTPB	IKJIDENT	IKJICPL
IKJKEYWD	IKJLSD	IKJNAME	IKJPARM	IKJPGPB
IKJPOSIT	IKJPPL	IKJPSCB	IKJPTPB	IKJRCB
IKJRLGB	IKJRLSA	IKJSTPB	IKJSTPL	IKJSUBF
IKJTAIE	IKJTAXE	IKJTIOCB	IKJTIOCP	IKJTJB
IKJTJBX	IKJTPL	IKJTSB	IKJTSVCT	IKJUPT
LINEGRP	LISTTA	PUTGET	PUTLINE	GTIP
RTAUTOPT	SPAUTOPT	STACK	STATTN	STAUTOCP
STAUTOLN	STAX	STBREAK	STCC	STCLEAR
STCOM	STSIZE	STTIMEOU	TCABEND	TCLEARC
TGET	TPUT	TSABEND	TSCMCP	TSCMH

SYS1.TSOMAC (CONTINUED)

SYS1.UT506

IEBASCAN	IEBBAM	IEBBSCAN	IEBCANAL	IEBCCS02
IEBCMAIN	IEBCGMPM	IEBCONH2	IEBCONP2	IEBCONZ2
IEBCQSAM	IEBCRANL	IEBCREAT	IEBCROOT	IEBCULET
IEBDG	IEBDGCPUP	IEBDGMSG	IEBDRB	IEBDRD
IEBDSCPY	IEBDV1	IEBDWR	IEBEDIT	IEBEDIT2
IEBFDANL	IEBFCTBL	IEBGENRT	IEBGENR3	IEBGENS3
IEBGEN03	IEBGMESG	IEBGSCAN	IEBIOE	IEBISAM
IEBISC	IEBISF	IEBISL	IEBISMES	IEBISPL
IEBISSI	IEBISSC	IEBISU	IEBLENP2	IEBMCM
IEBMOVE2	IEBPPAL1	IEBPPCH1	IEBPPMSG	IEBPPUN1
IEBSCN	IEBTCRIN	IEBTCR02	IEBTCR03	IEBTCR04
IEBTCR05	IEBUPCAT	IEBUPDTE	IEBUPDT2	IEBPLCG
IEBUPNIT	IEBUPXIT	IEBVCT	IEBVDM	IEBVMS
IEBVTH	IEBVTT	IEBWSU	IEHATLAS	IEHDANAL
IEHDAOUT	IEHDASDR	IEHDASDS	IEHDCELL	IEHDCONS
IEHDDATE	IEHDCCUMP	IEHDEXCP	IEHDGETA	IEHDLABL
IEHCMSCB	IEHDMSCS	IEHDPASS	IEHDPRNT	IEHDRCVR
IEHREST	IEHDSKAN	IEHDVTOC	IEHINITT	IEHIOSUP
IEHMESS	IEHMCVE	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	IEHMVSRA	IEHMVSRD	IEHMVSRK
IEHMVSRM	IEHMVSR5	IEHMVSRV	IEHMVSRX	IEHMVSRY
IEHMVSRZ	IEHMVSSF	IEHMVSS5	IEHMVSSV	IEHMVSSX
IEHMVSSY	IEHMVSSZ	IEHMVSTA	IEHMVSTC	IEHMVSTL
IEHMVXSE	IEHMVXSF	IEHPRINT	IEHPRMSG	IEHPRNT
IEHPROG1	IEHPROG2	IEHPROG3	IEHPROG4	IEHPROG5
IEHQSCAN	IEHSCAN	IFHSTATR	IGC00C3I	IGC00C8B
IGC0008F	IGC01C8B	IGCC2C8B	IGCC3C8B	IGGC19C8
IGG019P8	IGG019P9	IGGC66AE	IGG0860A	IGG0860B
IGG0860C	IGG0860D	IHGANY	IHGCTB	IHGROCT
IHG TAB	IHGUADEL	IHGUALOG	IHGURD	

SECTION 2: MODULE STATUS

This listing indicates 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	This is the storage size in hexadecimal required for the module.
MOD SIZE CHG.	The amount of change (in hexadecimal) from the prior release -- + for an increase, - for decrease.
ALS	An 'A' indicates an alias name.
OLD SSI	This is the SSI for the prior release.
NEW SSI	This is the SSI for this release.
ALIAS TRUE NAME	This is the true module name for this alias. (this field will appear only if the module is reentrant and reuseable.)

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.AL531

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 013
NO. ALIAS 013
NO. ADDED CCC
NO. DELETED 000
NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CB524

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 008
NO. ALIAS 000
NO. ADDED CCC
NO. DELETED CCC
NO. CHANGED CCC

COMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.ASC37

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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IEUFD		21FC	+ 0010		04C10347	01116022	
IEUFI		542E	CCCC		05010347	01116022	
IEUF7I		0F98	CCCC		07010347	01116022	

NO. MODULES C30
NO. ALIAS CC1
NO. ADDED CCO
NO. DELETED C00
NO. CHANGED CC3

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CB545

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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IKFCBL00		2FDC	0000		01011282	01010000	
IKFCBL50		E2A8	CCCC		01011339	01010000	

NO. MODULES 010
NO. ALIAS C00
NO. ADDED C00
NO. DELETED C00
NO. CHANGED C02

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CI5C5

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CI5C5

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEAAADCY		03D0	OC00		01011101	01114185	
IEAAAD0Z		022C	CCCC		C1013458	C1114185	
IEAGAB00		0578	- CC60		G3C53161	01114185	
IEA1AB00		C59C	- C06C		C2C5316C	01114185	
IEANAM00		C5AC	- CC6C		20053161	C1114185	
IEEDFINB		019E	CCCC		C0032939	01114150	
IEEDFIN9		C26C	+ CC3C		01011076	01114150	
IEESD562		05A8	+ 0008		03030883	01114153	
IEESD575		0588	+ 0008		01011399	01114153	
IEESD581		01AE	CC00		01011359	C1114153	
IEESMF0P		C400	+ C008		01010509	01114150	
IEESMF8C		0348	+ 0008		02011532	01114150	
IEEVACTL		C898	+ 0C08		05050411	01114150	
IEEVRC		C4AC	0000		C101C756	C1114150	
IEEVRC TL		06CC	CC00		C5050989	01114150	
IEEVSTAR		0DD0	+ 0C08		06050570	C1114150	
IEEO503D		03E8	- 0010		03013458	01114150	
IEE1403D		03E8	0000		01011C89	01114150	
IEE54C3D		0288	+ 0C08		01011C69	01114150	
IEFCASGQ		059C	- C0C8		C5C5C3C9	01114153	
IEFSDXYZ		0238	0000		C2051162	03117419	
IEFSD070		0350	0000		07051323	08117419	
IEFSD078		01EC	- CC78		05051162	06117419	
IEFSD083		0248	CC00		07050517	08117419	
IEFSD086		040C	- 0080		07051123	08117419	
IEFSD087		04C8	- C0C8		07051123	08117419	
IEFSD089		0608	CCCC		C5050992	06117419	
IEFSD094		C468	0000		05053524	06117419	
IEFSD171		C5EE	- 0CCE		C7C5C571	08117419	
IEFSD310		0878	0000		0101C983	00C10000	
IEFSD518		0A28	0000		01010383	C1114153	
IEFSD519		032E	+ CCC8		C1010440	01114153	
IEFVEA		1CF C	+ 0008		C5050277	01114151	
IEFVFA		1628	+ 0018		C6011254	01114151	
IEFVFB		06A0	+ 00C8		C4031103	C1114151	
IEFVHA		0358	0000		C505C853	01114151	
IEFVHCB		0558	+ 0C3C		C1C5C133	01114151	
IEFVHG		0618	CC00		05051061	01114151	
IEFVJIMP		01E0	CCCC		05050301	01114154	
IEFVKIMP		0248	CC00		02050513	01114154	
IEFVMLS7		050C	+ CC18		07051066	01114154	
IEFVRR2		0AAC	+ 0C08		02031C68	01114151	
IEFWA000		10DC	+ CC18		C1C10902	01114154	
IEFWCIMP		1AC8	+ 00C8		1505C885	01114154	
IEFWDC00		1DF8	0000		0205134C	01114154	
IEFWEXTA		064C	CC00		0101C832	01114154	
IEFWTP01		03FC	CC00		01011076	01114153	
IEFXCSSS		118E	CCCC		10C511C8	C1114154	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEFXT002		0B2C	+ 0070		C205G799	01114154	
IEFXV001		0E5E	+ CCC8		05051397	01114154	
IEFX5000		0DEC	- CC30		01011059	01114154	
IEFYNIMP		060C	CC00		12051250	00010000	
IEFZGST1		0A88	CC00		01011078	01114154	
IEFZGST2		095C	0000		01051056	C1114154	
IEFZHMSG		0D80	+ 0008		0905C594	01114154	
IEWFTHSL		12FC	- CC08		01051480	02052387	
IEWFTMIN		03F8	+ 0028		03051162	04117427	
IEWFTPCI		0EC8	- CC4C		06051056	07117431	
IFASMFCP		C88C	+ 000E		C2011182	02C12016	
IFBSTAT		03BC	CC00		C401C401	C1011681	
IFCDIP00		04DC	CC00		06010378	01012082	
IGC0009A		03AC	CC00		01031336	01032016	
IGEC000E		024E	+ CC98		05013221	06C12004	
IGE0000G		035C	0000		06010992	07C11890	
IGE0001C		0268	0000		0501C731	07C11890	
IGE0100F		03C8	CC00		01011171	09C17397	
IGE0100I		033C	- C020		08053156	C1C52016	
IGE0625F		040C	CC00		01011077	01111077	
IHJACP30		0318	0000		01012166	02011935	

NO. MODULES 735
NO. ALIAS 003
NO. ACDEC 000
NO. DELETED 000
NO. CHANGED 069

COMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CI535

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEAMP650		15D8	+ 0028		01C11212	02054171	
IEAQABMP		0AA8	- CC68		C1C31283	01114185	
IEAQAB00		0818	- CC68		01C11283	01114185	
IEAQADOY		03D8	+ CC40		01011109	01114185	
IEAQADOZ		034C	CC00		01013161	01114185	
IEAQRORI		1CEC	+ CC4C		C2C31393	01010000	
IEEPRW12		0078	0000		04C52C99	01114150	
IEEVMNT1		04CC	+ CC08		05C53635	C1114150	
IEE3803D		0130	CC00		01C12054	C1114150	
IEFSD110		01AC	- OCA8		03050815	01114000	
IEFSD111		C4AC	- 0118		03050794	01114000	
IEFSD112		0388	- C11C		C3C50794	01114000	
IEFVMB		0FF8	+ CC08		C1C1C5C0	C1114151	
IEWFELCS		0C70	- 0028		02C33520	03117430	
IEWFETCH		0C10	- C048		03051342	03117429	
IGC6103D		03F8	0000		0101C563	01010000	

NC. MODULES 155
NO. ALIAS CC2
NO. ADDED CCG
NO. DELETED 000
NO. CHANGED 016

COMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CI555

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDAY00		0638	+ CC18		01C11302	01C11885	
IGGC19T3		012E	- CC08		01C11395	C2C11888	
IGG019T5		01B8	+ CC18		01C11395	01011888	
IGG019T6		01A8	- CC08		01C11395	01011888	
IGG019T7		C16C	+ CC18		01011395	01011885	
IGG019T8		0CA8	CC00		0101287C	02C11885	
IGGC940F		040C	CC0C		01011244	C1C12110	
IKJEAAB0		0830	- CC68		01051283	01114185	
IKJEA000		15CC	+ CC08		0101C475	C1C12505	
IKJEA001		15CC	+ CC08	A	0101C475	01C12505	
IKJEA002		112C	+ CC5C		00C11405	01C11448	
IKJEAM00		036C	+ CC58		01C10784	01110784	
IKJEAPO0		02E0	+ CC20		01C13136	01113136	
IKJEAR00		05D8	+ CC5C		00011392	01114114	
IKJEAR01		063C	+ CC88		00011399	01111449	
IKJEAR02		C9E8	+ CC08		01C10884	01C12502	
IKJEAS00		0488	+ CC1C		C101C781	C1114114	
IKJEAS01		0AEC	+ CC08		01011261	01111261	
IKJEAS02		12C8	+ CC9C		01011392	01012391	
IKJEAT00		2878	+ C498		00C11407	C1111407	
IKJEAT01		0CEC	- CC1C		C1C1C753	C1110753	
IKJEAT02		0A0C	- CC38		0C011C55	01C11055	
IKJEAT03		C87C	+ CCA8		00C11397	01111397	
IKJEAT04		0238	- CC6C		01010767	01110767	
IKJEAT05		01D8	- 0028		0CC11392	01114114	
IKJEAT06		1A88	- 0088		00C114C8	01111408	
IKJEAT07		CDB8	+ CC68		01C11316	010127C6	
IKJEAT08		035C	+ CC1C		01013484	01114113	
IKJEAT09	*	00E0		A		C1110753	IKJEAT01
IKJEFLA		C58C	0000		0101C822	01114152	
IKJEFLB		0CDE	+ CC4C		C101C198	C1114152	
IKJEFLI		0E98	- CC18		01C1C982	01114152	
IKJEFLJ		09F0	+ CC28		0101C196	C1114152	
IKJGGE00		0588	+ CC20	A	C1C11342	01C12110	
IKJGGE01		0588	+ CC2C	A	01011342	C1C12110	
IKJGG00A		THIS MEMBER WAS DELETED					
IKJGG001		C588	+ CC20		01C11342	01C12110	

NC. MODULES 203
NO. ALIAS 010
NO. ADDED CC1
NO. DELETED C61
NO. CHANGED C35

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.COBLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 044
 NO. ALIAS C49
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.CQ513

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES C58
 NO. ALIAS 000
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.CO503

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

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.CQ519

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 135
 NO. ALIAS 001
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CQ548

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CQ548

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDAYC		G3FC	CCCO		01010983	02012236	
IEDAYD		CC7C	+ CC1C		01010361	01012236	
IEDAYE		1148	+ 0G10		01011210	02012584	
IEDAYH		02D8	0000		01011021	02C12596	
IEDAYM		0668	0000		02011522	02012236	
IEDAYR		0418	+ 0G10		02011523	02012236	
IEDAYS		06A0	+ 0C10		01011124	02C12236	
IEDAYY		007E	- CC08		01013486	01012236	
IECAZ		059C	+ CC1C		02011522	02012236	
IEDQAA		038C	- CC1C		01010783	01012236	
IEDQAD		0078	- 0028		01013100	01012236	
IEDQAG		0008	+ CC08		01010601	01012242	
IEDQAS		0578	- 00A0		01010781	01012237	
IEDQAT		0188	CCCC		01010884	01012237	
IECQAW		014C	+ 0010		01013174	01012242	
IECQAZ		014C	+ CCC8		01010222	01012237	
IEDQA4		028C	+ CC2C		01013492	01012237	
IEDQA6		01CC	0000		01013420	01012242	
IEDQBD		047C	+ 0058		01010552	01012582	
IEDQBT		06F8	+ 0008		01011095	01012451	
IEDQBY		005C	+ CC08		01012120	01012239	
IEDQBZ		027E	+ CC28		01012120	01012582	
IEDQB2	*	009E				01012230	
IECQA		01B8	CCCC		01011335	02012230	
IEDQC+		037C	CCCC		01011401	02012230	
IECQCX		038C	CC0C		01011401	02012230	
IEDQCO		046C	CCCC		01010910	02012230	
IEDQEB		039C	+ CC2C		01010891	01012239	
IEDQEC		0618	0000		01010687	01012452	
IEDQES		02E8	- 005C		01010483	01012582	
IEDQEU		0580	+ 0028		01010846	01012582	
IEDQEW		092C	+ 0050		01011113	02012610	
IEDQE7		035C	0000		02011522	02012232	
IEDQFA		1A5E	+ 0CA8		01011401	02012610	
IEDQFA1		0E9E	+ CC9E		01011401	02012610	
IEDQFA2		14D8	+ CGAC		01011401	02012610	
IECQA		05C8	CC0C		01010884	01012232	
IECQH		G2D8	GG00		01011122	02012232	
IEDGHK		031C	+ 0040		01011062	01012465	
IEDQFM		0E3E	+ CCC8		01010885	01012230	
IEDQFM1		0A1C	+ CC2C		01010885	01012235	
IEDQHM2		06E8	+ CC08		01010784	01012235	
IEDQKA		0C88	+ 0050		02011524	02012235	
IEDQKB		0840	+ 0058		01011400	02012235	
IEDQKC		0A4C	- C008		01011400	02012235	
IEDQKD		05C8	CC00		01011400	02012235	
IEDQKE		07EE	- CCC8		01011400	02012235	
IEDQNA2		02AC	- CC18		01010836	02012235	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEDQNE		C16E	CCGG		01012962	01012231	
IECQNB02		0168	0000	A	01012962	01012231	IEDQNB
IEDQNB05		0168	0000	A	01012962	01012231	IEDQNB
IECQND		C58C	+ 00A0		01010560	01012231	
IEDQNF		017C	- 0008		01013213	01012237	
IEDQNG		01CC	CC0C		01013452	01012237	
IEDQNH		00F0	CC0C		01013452	01012237	
IEDQNJ		00E8	0000		01010790	01012237	
IEDQNK		0328	- CC38		01010848	02012237	
IEDQNM		01B0	0000		01010291	01012237	
IEDQNO		00E8	CC0C		01012954	01012237	
IEDQNP		02DC	+ CC6C		01012818	01012237	
IEDQNQ		02F8	0000		01010490	01012237	
IEDQNR		00F8	- 0008		01012104	01012238	
IEDQNS		00C0	CC00		01013211	01012239	
IECQOB		0A7C	- C08C		01010664	01012239	
IEDQOG		02B8	- CCC8		01013200	01012239	
IEDQOS		026E	- CC08		01010413	01012583	
IECQXA		C85C	- C160		01010883	01012238	
IEDQXC		177C	+ 0088		01010405	01012238	
IGC0010D		0388	CC0C		01011335	02012238	
IGE0004G		03FC	+ CC08		01010695	01012238	
IGE0004H		038E	+ CC08		01010695	01012238	
IGE0404H		G2B8	- C128		01013218	01012238	
IGE0504G		033C	+ CC68		01010416	01012238	
IGE0504H		G2A8	+ C068		01010415	01012239	
IGGC1900		0238	- C010		02011310	02012585	
IGG019Q2		1AF8	+ C098		01011400	02012585	
IGG019Q3		11EC	CC00		01011400	02012586	
IGG019Q4		087C	CC0C		01011401	02012586	
IGG019Q5		0DD8	+ C010		01011401	02012586	
IGG019Q6		03CE	+ CC2C		01010553	01012239	
IGG019Q7		0420	+ C040		01010553	01012239	
IGGC19Q8		0240	+ CC80		01013453	01012238	
IGG019RA		006C	CC0C		01012103	01012230	
IGG019RC		04DC	+ C078		01010783	01012230	
IGG019RD		084E	+ CC08		01010742	01012583	
IGG019RF		G25C	+ 0078		01010785	01012231	
IGG019RG		0B78	- CC30		01011113	02012231	
IGG019RK		00F8	+ CC38		01010976	01012231	
IGGC19RM		012C	- C050		01010416	01012583	
IGG019RN		03D8	CC00		02011400	02012231	
IGG019RP		0F6E	- C090		01010785	01012583	
IGG019RS		0C48	CC00		01011402	02012231	
IGG019RW		005E	CC0C		01010415	01012242	
IGG019R0		208C	+ CCA8		02011523	02012586	
IGG019R2		019E	+ C058		01010975	01012242	
IGG019R4		G4E0	+ 0038		01010553	01012243	

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.CQ54E

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DCMLIB

MOCULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGGC19R6		03DC	- 0018		01010533	01012583	
IGGC19R7		006E	- CCC8		01013219	01012233	
IGG019R8		006E	- C008		01013219	01012233	
IGG019R9		006E	- C008		0101321C	01012233	
IGG01930		0400	CC00		01012104	01012233	
IGG01931		0400	CC00		01012104	01012234	
IGG01934		0400	CC00		01010357	01012230	
IGG01936		0400	CC00		01011100	02012234	
IGG01937		0400	CC00		01010345	01012234	
IGG01938		0400	CC00		01010763	01012234	
IGG01939		0400	CC00		01010214	01012234	
IGG01940		0400	CC00		01010214	01012234	
IGG01941		0400	CC00		01010323	01012516	
IGG01942		0400	CC00		01010565	01012234	
IGG01943		0400	CC00		01010405	01012234	
IGG01944		0400	CC00		01010202	01012235	
IGG01945		0400	CC00		01010406	01012583	
IGG01946		0400	CC00		01010540	01012236	
IGG01947		0400	CC00		01011113	02012236	
IGG01949		0400	CC00		01010155	01012236	
IGG02036		0400	CC00		01011182	01012236	
IGG02041		0400	CC00		01012102	01012236	
IGG02046		0400	CC00		01011113	02012236	
IKJGG00A	*	0030				02012366	

NO. MCDULES 307
NO. ALIAS C04
NO. ADDED C02
NO. DELETED C00
NO. CHANGED 118

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
ALLOCC		185C	+ CC78	A	01010905	01114152	IKJEFD30
ALLGCATE		185C	+ CC78	A	01010905	01114152	IKJEFD30
IKJEBEAT		0168	- CC3E		01011C30	01012165	
IKJEBECI		0AC8	+ CC08		01011127	01111019	
IKJEBEFI		05C0	- 0038		01013282	01012102	
IKJEBEIN		1C1C	+ CC18		01011257	01012152	
IKJEBELE		0A2C	+ CC18		01011117	01012184	
IKJEBEMA		054C	+ CC20		01010823	01012164	
IKJEBEME		0878	+ CC8C		01011314	01012103	
IKJEBERE		0A78	+ CC1C		01011184	01111018	
IKJEBESA		1798	- CC2E		01011203	01012157	
IKJEFA12		0F9C	+ CC08		01010897	01114152	
IKJEFA13		142C	CC0C		01010756	01114152	
IKJEF030		1850	+ CC78		01010905	01114152	
IKJEFE01		08E8	+ CC10		01010280	01114152	
IKJEFE03		0DE8	+ CC18		01011249	01114152	
IKJEFE05		0F30	CC0C		01010596	01114152	
IKJEFF60		0F2C	+ CC08		01011093	01114122	
IKJEFF63		0678	+ CC08		01011197	01114122	
IKJEFF67		16AC	CC00		01010615	01114123	
IKJEFR00		1788	CC00		01011389	01012016	
IKJEHAL1		13A8	+ CC08		01010464	01012015	
IKJEHDS1		1FBC	+ CC60	A	01010904	01012029	
IKJEHPR0		11DC	CC0C		01010831	01012029	
IKJLKL01		2288	+ CC18		01011391	00012024	
LISTA		13A8	+ CC08	A	01010464	01012015	IKJEHAL1
LISTALC		13A8	+ CC08	A	01010464	01012015	IKJEHAL1
LISTD		1FBC	+ CC60	A	01010904	01012029	IKJEHDS1
LISTDS		1FBC	+ CC60	A	01010904	01012029	IKJEHDS1
R		1788	CC0C	A	01011389	01012016	IKJEFR00
RUN		1788	CC00	A	01011389	01012016	IKJEFR00

NO. MCDULES 166
NO. ALIAS 024
NO. ADDED C00
NO. DELETED C00
NO. CHANGED 031

COMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DHELP

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			031				
NO. ALIAS			020				
NO. ADDED			000				
NO. DELETED			000				
NO. CHANGED			000				

COMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DM5GE

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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IGC0G95B		0300	-	CC10	01011066	02012739	
IGCCLO5B		04CC	-	CC00	03012660	04012739	
IGCOMC5B		04CE	+	CC08	03010970	04012739	
IGCCNO5B		040C	+	CC1C	03010794	04012739	
IGCOR05B		040C	-	CC00	03012591	04012739	
IGCOT05B		024C	+	CC18	03010187	04012730	
IGCOW05B		039C	+	CC08	02012730	03012736	
IGCOC02B		040C	-	CC00	06011141	06011829	
IGCGOC2C		04CC	-	CC00	07011317	08012725	
IGCOC02G		03AE	+	CC0E	05013566	05011886	
IGC0002I		040C	-	CC00	06010223	07011886	
IGC0002O		04CC	-	CC00	04011141	05012224	
IGC0005E		040C	-	CC00	11010693	12011908	
IGC0209H		039E	+	CC08	01010811	01012016	
IGGR19CJ		022C	-	CC00	01010934	02011830	
IGGR19CU		07CC	-	CC00	01011393	02011839	
IGG019AJ		0140	+	CC08	04010933	04011753	
IGG019AM		0058	-	CC08	03011054	03117404	
IGG019BP		03E8	+	CC30	02010933	03011895	
IGG019CF		012C	+	CC20	02012484	03011833	
IGG019CU		0610	-	CC00	09011091	09011839	
IGG019CY		0178	+	CC2C	04012681	04012224	
IGG019FG		023C	-	CC00	03012725	04011833	
IGGC19FJ		0150	+	CC28	03010933	04011895	
IGGC19OV		04CC	-	CC00	06011200	07011820	
IGG019OW		040C	-	CC00	04012669	05011820	
IGG019IA		040C	-	CC00	12011394	02117404	
IGG019IN		040C	-	CC00	04012880	05011833	
IGG019IZ		04CC	-	CC00	01010335	02011833	
IGG019I7		040C	-	CC00	02010090	03011839	
IGG0196P		04CC	-	CC00	01010340	02011833	
IGGC199C		040C	-	CC00	03013383	04011827	
IGGC199I		0400	-	CC00	04011200	04011820	
IGG0199J		0400	-	CC00	04011200	04011820	
IGGC199T		040C	-	CC00	03010640	04011829	
IGG0199X		040C	-	CC00	01011200	02011828	
IGG020D1		040C	-	CC00	09010980	10011884	
IGG020P1		040C	-	CC00	10030980	10031884	
IGG020P2		040C	-	CC00	11030980	11031886	
IGG020P3		040C	-	CC00	04010580	05011886	
IGGC200B		040C	-	CC00	10011375	11011828	
IGG0200C		040C	-	CC00	09011251	10011828	
IGG0200F		040C	-	CC00	11011092	11011820	
IGGC200H		040C	-	CC00	03011211	04011828	
IGG0200I		040C	-	CC00	02010960	03011829	
IGG0200J		040C	-	CC00	02010217	03011829	
IGG0200Z		040C	-	CC00	04010574	04011829	
IGGC201Y		0400	-	CC00	02010932	02117411	

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DM5CE

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGGC290E		040C	C000		C4C3CC84	05031886	
IGGC325Z		040C	CCCC		02013C81	03C11885	
IGGC55CA		040C	CC00		C8C10210	08C11828	
IGGC55CB		0400	C00C		1001C090	10011829	
IGGC550C		040C	C000		C5012680	C6011829	
IGGC550D		040C	C000		C801C896	C8011834	
IGGC550E		04CC	CCCC		C6012680	07C11829	
IGGC550F		040C	C000		12C1CC90	12C11821	
IGGC550G		04CC	CCCC		08010570	08011827	
IGGC550H		04CC	CC00		07C12660	08012224	
IGGC550K		04CC	C000		10010960	10011821	
IGGC550M		040C	C000		07C31034	07C31820	
IGGC550N		040C	C000		11C13182	12011827	
IGGC550U		04CC	C000		05032661	05031820	
IGGC550V		040C	C000		08032661	08031834	
IGGC550X		0400	CC00		08012661	08011828	
IGGC551A		040C	C000		C9011310	09117402	
IGGC552F		04CC	CC00		C201C934	C3011891	
IGGC553C		04CC	C00C		04C11395	05011886	
IGGC559E		040C	CCCC		01012681	02011828	
IGGC559I		040C	CCCC		CC01C993	02011829	
IGGC559P		04CC	CCCC		03010581	04011827	

NC. MGDULES 4C1
NC. ALIAS 002
NO. ACDED 000
NO. DELETED 000
NO. CHANGED C7C

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DM50S

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGGR19DD		0508	+ C008		01011390	02012539	
IGGO19LG		038E	+ CCC8		04012751	05011888	
IGGO203A		040C	CC00		06012964	07011885	
			NC. MGDULES	C49			
			NC. ALIAS	C0C			
			NO. ACDED	000			
			NO. DELETED	000			
			NO. CHANGED	C03			

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DM527

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFBSR040		0E08	C000		06012656	01114984	
IFBSR050		0E08	C000		06052656	01114984	
IFBSR065		0E08	0000		05052656	01114984	
IFBSR075		0E0E	CC00		04052656	01114984	
IFBSR140		0E0C	CC00		05052656	01114984	
IFBSR150		0F8E	C00C		05052656	01114984	
IFBSR165		0F38	C000		01052657	01114984	
IFBSR175		0F18	0000		03052657	01114984	
IFBSR3A5		23A8	CC0C		C1C3C652	01114984	
IFBSR340		0E6C	CCCC		03052657	01114984	
IFBSR350		0F6C	CC00		03052657	01114984	
IFBSR365		0F1C	C000		03052657	01114984	
IFBSR375		0EFC	0000		03052657	01114984	
IFBSR395		1A6C	0000		04052657	01114984	
IFCEG155		0AAC	- CC18		C1010112	01011681	
IFCET002		0A4E	CC0C		01010412	01011702	
IFCE2860		14E8	- C030		01010551	01011702	
IFCE2870		1588	- CC28		01010551	01011681	
IFCE2880		31EC	- CC28		C1C1C552	01011681	

NC. MODULES 156
NC. ALIAS C00
NC. ACDED C0C
NO. DELETED C0C
NO. CHANGED C19

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.DN533

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.DN533

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFDOLT06		0248	+ CC1C		C1C1C4C7	01114129	
IFDOLT07		048E	- C008		01011101	01114176	
IFDGLT16		0210	CC00		0101C11E	01114129	
IFDGLT18		0A28	+ CC40		01011132	01114129	
IFDOLT22		07FC	+ C028		01C11101	01114176	
IFDGLT34		026E	CC00		01012641	01114129	
IFDOLT48		0558	+ C0C0		01C11C68	01114176	
IFDOLT52		0410	+ C008		C101C881	01114129	
IGC0005I		038C	- CC28		01011412	01114118	
NG. MODULES			076				
NO. ALIAS			CC0				
NO. ADDED			CC0				
NO. DELETED			CC0				
NO. CHANGED			CC0				

MODULE NAME	N E W	MCD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGC00C8E		01AC	C000		0101CC50	00C10C00	
IGCC108E		C3FC	- CC1C		C1G1C542	0G010000	
IGCC208E		03EC	C0C0		01010051	00C10000	
IGCC308E		02EC	CCCC		C1C13499	00C10C00	
IGC0608E		035E	CCCC		01010122	0001C000	
IGEG660A		C15E	CCCC		C1013359	00C10000	
IGFCCH80		034C	CCCC		0101C111	0111427C	
IGFMCHE0		059C	+ CC3C		01031C26	00010000	
IGFMCHF4		C9D8	CCCC		01010970	01117503	
IGFMCH10		0A28	+ CC50		01011279	C1117503	
IGFMCH12		04C8	+ CC28		01C1C986	01117503	
IGFMCH14		0678	+ CCC8		01013064	01117503	
IGFMCH17		06AC	CCCC		01011249	01117503	
IGFMCH20		03D8	CCCC		01030685	C0C10000	
IGFMCH30		03A8	- CC58		01050348	00010000	
IGFMCH40		034C	+ CC1C		01011027	00C1C00C	
IGFMVT00		0BE8	+ C008		C1C31125	C1031125	
NC. MODULES			093				
NO. ALIAS			001				
NO. ADDED			CC0				
NO. DELETED			CC0				
NO. CHANGED			C17				

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DN554

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IMASPZAP		211E	+ CCCC		01011268	01012366	
IMBMDMAP		26DE	+ CC18		01010425	01012002	
IMDPRCTL		1AF8	- CCE8		01011114	01C12070	
IMDPRFUB		06AC	COCC		01C11047	01C12048	
IMDPRMST		0798	+ CC2E		01C1C907	01C12049	
IMDPRPAL		016C	+ 0C30		01C11101	01C12045	

NO. MCDULES C29
NO. ALIAS CCC
NO. ADDED CCC
NO. DELETED C0C
NO. CHANGED CC6

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.DUADS

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
NO. MCDULES							C01
NO. ALIAS							C00
NO. ADDED							C0C
NO. DELETED							00C
NO. CHANGED							00C

CCMPARE LEVEL 20.1 VS 20.6
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. MCDULES C01
NO. ALIAS C0C
NO. ADDED C00
NO. DELETED C00
NO. CHANGED C0C

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.ED521

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEWLMFNL		07FC	+ CC38		01011121	00011618	
IEWLMINT		0E7C	CC0C		01011265	00011629	
IEWLMMP		0F7C	+ 0080		01012758	00011613	

NO. MODULES C21
NO. ALIAS C00
NO. ADDED C0C
NO. DELETED C0C
NO. CHANGED CC3

CCMPARE LEVEL 20.1 VS 20.6
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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NC. MODULES 000
NC. ALIAS 000
NO. ACDED 000
NO. DELETED 000
NO. CHANGED 000

THIS PDS CONTAINS NO MEMBERS

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.F052C

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

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.F0500

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 132
NO. ALIAS 000
NO. ACDED 000
NO. DELETED 000
NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.FC55C

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

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.GENLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
CTRLPROG		0000	0000		10032613	11031831	
GENERATE		CCCC	0000		01031412	03032033	
IDDEVICE		0000	0000		16031393	17032727	
SGGEN100		CCCC	0000		14031403	15031907	
SGIEC5TP		CCCC	0000		01011090	01032326	
SGIKJ5EC		0000	0000		01053162	02052110	
SGRELLEV		0000	0000		01010073	05001971	
NC. MODULES			223				
NO. ALIAS			000				
NO. ACDED			000				
NO. DELETED			000				
NO. CHANGED			007				

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.IMAGELIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
FCB2STD1	*	0038		A		01010180	IGG0197J
FCB2STD2	*	0048		A		01010201	IGG0197K
IGGC19UM		021C	0000		00000000	00000000	
IGGC19UN		021C	0000		00000000	00000000	
IGGC19U0		021E	0000		00000000	00000000	
IGGC19UP		0218	0000		00000000	00000000	
IGGC19UQ		021C	0000		00000000	00000000	
UCS2A11		021C	0000	A	F1F9 4 4	F1F9 4 4	IGGC19UM
UCS2G11		0218	0000	A	F1F9 4 6	F1F9 4 6	IGGC19U0
UCS2H11		021C	0000	A	F1F9 4 5	F1F9 4 5	IGGC19UN
UCS2P11		0218	0000	A	F1F9 4 7	F1F9 4 7	IGGC19UP
UCS2T11		021C	0000	A	F1F9 4 8	F1F9 4 8	IGGC19UQ
NC. MODULES			007				
NO. ALIAS			000				
NO. ACDED			000				
NO. DELETED			000				
NO. CHANGED			010				

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.I0523

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IFFCAN01		085E	+ 0078		01012524	01012044	
IGGC193L		040C	0000		01031065	01014953	
IGGC203X		040C	0000		01030366	01014281	
NC. MODULES			041				
NO. ALIAS			014				
NO. ACDED			000				
NO. DELETED			000				
NO. CHANGED			003				

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.LINKLIB

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.LINKLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
ASMBLR		01E8	000C	A	00C000C0	00000000	
DEVMASKT		0218	000C		00C00000	00000000	
DEVNAMET		0100	000C		00C00000	00000000	
GO		8F70	- 05A8	A	00C00000	00C00000	
IEBCOMPR		5118	- 0010		00C00000	00C00000	
IEBCOPY		47E8	+ CC9C		00C00000	00C00000	
IEBCRANL		0CF0	- C0C8		00C00000	00C00000	
IEBCREAT		0C8C	0000		00C00000	00C00000	
IEBDG		0F28	- CC48		00C00000	00000000	
IEBDGCUP		0388	+ CCC8		00000000	00000000	
IEBCGMSG		0FA0	CC00		00C00000	00C00000	
IEBEDIT		1DFC	+ 00C8		00C00000	00000000	
IEBFDANL		0C68	- CC6C		00C00000	00C00000	
IEBFDTBL		0AA8	000C		00000000	00000000	
IEBGENER		607C	+ C11C		00000000	00000000	
IEBISAM		04BE	CCCC		00C00000	00000000	
IEBISC		0498	0000		00000000	00000000	
IEBISF		0750	0000		00C00000	00C00000	
IEBISL		070E	CCCC		00C00000	00000000	
IEBISPL		06FC	+ 0030		00000000	00000000	
IEBISU		06DC	0000		00C00000	00C00000	
IEBPTPCH		4C50	+ 00B0		00C00000	00000000	
IEBUPDTE		4A8C	- 00CE		00C00000	00000000	
IEECVCTI		C838	0000		00C00000	00C00000	
IEEDEXIT		010C	CCCC	A	00000000	00000000	
IEEDFINB		C198	000C		00000000	00000000	
IEEDFINC		020C	0000		00000000	00C00000	
IEEDFIN1		0278	000C		00000000	00C00000	
IEEDFIN2		0618	- CC08		00C00000	00000000	
IEEDFIN3		040C	+ CCC8		00C00000	00000000	
IEEDFIN4		0400	000C		00000000	00C00000	
IEEDFIN5		060C	0000		00C00000	00C00000	
IEEDFIN6		0330	CCCC		00C00000	00000000	
IEEDFIN7		010C	CCCC		00C00000	00C00000	
IEEDFIN8		036C	CCCC		00000000	00000000	
IEEDFIN9		0230	+ CC18		00000000	00C00000	
IEEDPART		0618	- 0008	A	00000000	00000000	
IEEPRTN		00D8	0000		00C00000	00000000	
IEEPSN		01AC	CCCC	A	00C00000	00C00000	
IEEREXIT		0230	+ CC18	A	00C00000	00000000	
IEESD562		05AC	000C		00C00000	00000000	
IEESD563		0538	000C		00C00000	00000000	
IEESD564		062C	000C		00C00000	00C00000	
IEESD565		02E8	000C		00000000	00000000	
IEESD566		02B8	+ CCC8		00C00000	00C00000	
IEESD575		05BC	- 0008		00C00000	00000000	
IEESD576		065C	000C		00000000	00000000	
IEESD577		05D8	0000		00C00000	00000000	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEESD578		0508	000C		00C00000	00C00000	
IEESD579		05F8	- 0008		00C00000	00C00000	
IEESD580		0198	000C		00C00000	00C00000	
IEESD581		01A8	+ 0018		00000000	00C00000	
IEESD582		C25E	000C		00C00000	00C00000	
IEESD583		036E	000C		00C00000	00000000	
IEESD590		120C	0000		00000000	00000000	
IEESD591		027C	000C		00C00000	00000000	
IEESD82A		C258	0000	A	00C00000	00000000	
IEEUNIT1		04EC	000C		00C00000	00C00000	
IEEUNIT2		0380	+ CCC8		00C00000	00000000	
IEEUNIT3		C4AC	000C		00000000	00C00000	
IEEUNIT4		04FC	000C		00C00000	00C00000	
IEEVACTL		0DF8	000C		00C00000	00000000	
IEEVI CLR		0028	000C		00C00000	00000000	
IEEVLNKT		0098	000C		00000000	00C00000	
IEEVCMSG		01EC	000C		00C00000	00C00000	
IEEVPRES		11A8	+ 0008		00000000	00C00000	
IEEVRCL		098C	000C		00C00000	00C00000	
IEEVRJCL		C6CC	0000		00C00000	00000000	
IEEVRSTAR		01AC	000C		00000000	00C00000	
IEEVTCTL		CF7C	000C		00C00000	00C00000	
IEEVTR1		06D8	000C		00C00000	00C00000	
IEEZEXIT		1C2C	+ CCC8	A	00000000	00C00000	
IEE503D		0230	+ CC18	A	00C00000	00000000	
IEE591SD		03FE	000C		00000000	00C00000	
IEFALENT		027C	0000	A	00C00000	00000000	
IEFALRET		0038	000C		00C00000	00C00000	
IEFBR14		1C6C	+ 0008	A	00C00000	00C00000	
IEFCVOL1		0008	000C		00C00000	00C00000	
IEFCVOL2		1618	+ CC6C	A	00C00000	00C00000	
IEFCVOL3		1618	+ CC6C	A	00000000	00C00000	
IEFDSORP		171E	- 0008		00C00000	00C00000	
IEFDSC		0E18	000C		00C00000	00C00000	
IEFDSDAL		0528	000C		00C00000	00C00000	
IEFDSQFB		C19C	0000		00C00000	00000000	
IEFDSOSM		11E8	000C		00C00000	00000000	
IEFDSQWR		056C	0000		00000000	00000000	
IEFICR		0028	0000	A	00C00000	00000000	
IEFIRC		07CC	000C		00C00000	00000000	
IEFMCVOL		161E	+ CC6C		00C00000	00C00000	
IEFPPGM		03AC	000C		00C00000	00C00000	
IEFPRINT		0A30	000C		00000000	00C00000	
IEFPRT		0A3C	0000	A	00C00000	00C00000	
IEFQDELE		027C	000C		00C00000	00000000	
IEFQINTZ		0C5E	000C		00C00000	00C00000	
IEFQMNQ2		0308	0000		00C00000	00C00000	

CMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LINKLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEFQMRW		01EC	0000		C0C0CC00	00C00000	
IEFQMSS		0E58	CCCC		00CC0000	00000000	
IEFQMUNC		02AC	CC00		00C00000	00000000	
IEFRCLN1		0G7C	CCCC		C0CC0000	C0C00000	
IEFRCLN2		0C7C	0C00		00C00000	00C00000	
IEFRSTR		0C08	CCCC		00C0CC00	C0C00000	
IEFSDTTE		C868	+ 0040		C0CC0000	00000000	
IEFSDXXX		046E	CCCC		C0CC0000	00000000	
IEFSDXYZ		C238	+ CCC8		00C00000	00000000	
IEFSDG68	*	0E98		A		00000000	
IEFSD070		035C	+ CC5C		CCCC0000	C0C00000	
IEFSD071		0EAC	+ CCC8	A	00000000	C0C00000	
IEFSD078		0278	+ CC58		00C00000	00C00000	
IEFSD079		1C2C	+ C008	A	00C00000	00000000	
IEFSD080		1C2C	+ C008		00CC0000	00C00000	
IEFSD085		0EAC	+ 0008		C0CC0000	00000000	
IEFSD086		0D28	+ CC5E		C0CC0000	00000000	
IEFSD087		0C58	+ C0D8		C0C00000	00000000	
IEFSD094		0F38	+ CC1C		CCCC0000	C0CC0000	
IEFSD1C5		C0E8	0000		C0CC0000	00000000	
IEFSD168	*	CE98				C0CC0000	
IEFSD300		19C8	0000		00CC0000	00000000	
IEFSD304		32E8	+ CC10		00CC0000	CCCC0000	
IEFSD308		03F0	0000		00CC0000	00C00000	
IEFSD51C		8F7C	- C5A8		C0C00000	C0000000	
IEFSD511		8F7C	- C5A8	A	C0C00000	00C00000	
IEFSD512		1C6C	+ CCC8		GGCCCC00	00000000	
IEFSD514		0C6E	CCCC		00C00000	00C00000	
IEFSD516		8F7C	- C5A8	A	C0CC0000	00000000	
IEFSD518		121E	CCCC		00C00000	00C00000	
IEFSD519		0B9C	0000		C0CC0000	00000000	
IEFSD526		5EDC	+ CC18		00C00000	C0CC0000	
IEFSD53C		CE1C	0000		00C00000	00000000	
IEFSD531		1C88	- 01CC		00000000	00000000	
IEFSD534		CC28	0000		C0CC0000	00000000	
IEFSD535		0028	0000		C0000000	00C00000	
IEFSD537		0000	0000		C0000000	00C00000	
IEFSD541		064E	0000		00C00000	00000000	
IEFSD556		49E8	+ CC4C	A	C0CC0000	00C00000	
IEFSD569		0FE8	0000		C0000000	00C00000	
IEFSD584		CC28	CCCC		CCCC0000	00C00000	
IEFSD585		0028	CCCC		00000000	00C00000	
IEFSD586		0C7C	0000		C0000000	C0000000	
IEFSD587		003C	0000		CCCC0000	C0C00000	
IEFSD588		0C5C	0000		00C00000	00C00000	
IEFSD589		CC8C	0000		00000000	00C00000	
IEFSD599		CFF8	0000		C0C00000	00000000	
IEFSMR		0CC8	0000	A	00C00000	C0CC0000	

CMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LINKLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEFSQINT		0CEC	+ 0C18		00000000	C0000000	
IEFVGM1		011C	0000		00C00000	GC000000	
IEFVGM10		017C	0000		00000000	00000000	
IEFVGM11		0170	0000		00C00000	00000000	
IEFVGM12		016E	CCCC		CCCC0000	00000000	
IEFVGM13		0150	0000		C0C00000	00C00000	
IEFVGM14		00C8	0000		00000000	00C00000	
IEFVGM15		00A8	0000		00000000	00C00000	
IEFVGM16		00BC	CCCC		00C00000	00000000	
IEFVGM17		005C	CCCC		00C00000	00000000	
IEFVGM18		00AC	CCCC		C0CC0000	00C00000	
IEFVGM19		0078	0000		00000000	00C00000	
IEFVGM2		0148	CCCC		00000000	00000000	
IEFVGM3		01D8	0000		00G00000	00C00000	
IEFVGM4		0128	0000		CCCC0000	CCCC0000	
IEFVGM5		0118	0000		00000000	00000000	
IEFVGM6		014C	CCCC		00000000	00000000	
IEFVGM7		0148	0000		00C00000	00000000	
IEFVGM7C		0130	0000		00000000	00C00000	
IEFVGM71		00BC	0000		00C00000	00C00000	
IEFVGM76		004C	0000		00000000	00C00000	
IEFVGM78		00F8	0000		00000000	00000000	
IEFVGM8		0CAC	0000		00000000	00C00000	
IEFVGM9		0CEC	0000		C0000000	00000000	
IEFVHA		86F8	+ C16C		00C00000	00C00000	
IEFVHAA		86F8	+ C160	A	00C00000	00C00000	
IEFVHB		86F8	+ C160	A	00000000	CCCC0000	
IEFVHC		86F8	+ 0160	A	00000000	C0C00000	
IEFVHCB		86F8	+ C16C	A	00C00000	00000000	
IEFVHG		163C	+ CC68		00C00000	00C00000	
IEFVHM		134C	+ 0048		00C00000	00000000	
IEFVHN		0588	0000		00000000	00C00000	
IEFVH1		12FC	0000		C0CC0000	00C00000	
IEFVINA		1930	+ CC68		C0G00000	00000000	
IEFVMCVL		49E8	+ CC40	A	C0C00000	00C00000	
IEFVM1		49E8	+ CC4C	A	00000000	00000000	
IEFVM6LS		330C	+ CC6C		C0000000	00000000	
IEFVRR		1298	0000		CCCC0000	00000000	
IEFVRRCA		1298	0000	A	CCCC0000	00000000	
IEFVRRCB		1298	0000	A	00000000	00000000	
IEFVRR1		0E3E	CCCC		00C00000	00000000	
IEFVRR2		0A9E	CCCC		00000000	00000000	
IEFVRR3		C7E8	0000		00C00000	00C00000	
IEFVR2AE		0A98	0000	A	00C00000	C0000000	
IEFVR3AE		C7E8	0000	A	00C00000	00000000	
IEFV15XL		330C	+ CC6C	A	00CC0000	CCCC0000	
IEFV4221		8F7C	- C5A8	A	00000000	C0000000	
IEFWA000		648C	+ CC38		00C00000	00C00000	

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LINKLIB

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LINKLIB

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
IEFWC000		64BC	+ CC38	A	CCCCCCCC	CCCC0000		IEHMVESN		085C	+ 00C8		00C00C00	00C00000	
IEFW0000		5EDC	+ CC18	A	00000000	00000000		IEHMOVES0		02D8	CCCC		0000CCCC	CCCC0000	
IEFW5YP3		C24C	CC00		00000000	00000000		IEHMVESP		052C	CC00		00000000	00000000	
IEFW21SD		49E8	+ 0040		00000000	00000000		IEHMOVESQ		071C	+ 009C		00000000	00000000	
IEFW41SD		5ED0	+ CC18	A	00000000	00000000		IEHMOVESR		02EC	+ 00C8		00000000	00000000	
IEFW42SD		8F7C	- C5A8	A	00000000	00000000		IEHMOVESS		0E28	CCCC		00000000	00000000	
IEFXA		49E8	+ CC4C	A	CCCCCCCC	00000000		IEHMVEST		07E8	CCCC		00000000	00000000	
IEFXJ5A		3300	+ C06C	A	00000000	00000000		IEHMVESU		01CC	0000		00000000	00000000	
IEFXJ000		3300	+ CC6C	A	00000000	00000000		IEHMOVESV		15C8	+ CC6C		00000000	00000000	
IEFXK000		3300	+ CC6C	A	00000000	00000000		IEHMVESX		15E8	CC00		00000000	00000000	
IEF085SD		0EAC	+ C06C	A	00000000	00000000		IEHMVESY		161C	CC00		00000000	00000000	
IEFC86SD		0D28	+ 0C58	A	00000000	00000000		IEHMVESZ		10BC	CCCC		00000000	00000000	
IEF36FK2		066C	CC00	A	00000000	00000000		IEHMVETA		0FBC	+ C028		00000000	00000000	
IEF36WTO		066C	0000		00000000	00000000		IEHMOVETG		0D1C	CCCC		00000000	00000000	
IEF536EP		86F8	+ 0160	A	00000000	00000000		IEHMOVETJ		0D88	CC00		00000000	00000000	
IEF589SP		005C	CC00		00000000	00000000		IEHMOVETL		11B8	+ CC1C		00000000	00000000	
IEF850SD		0EAC	+ 0008	A	00000000	00000000		IEHMOVXSE		CCCC	+ 0028		00000000	00000000	
IEHATLAS		1A3E	CC00		00000000	00000000		IEHMOVXSF		0AF0	0000		00000000	00000000	
IEHDANAL		0FB8	CC00		00000000	00000000		IEHPRNT		C15C	CCCC		00000000	00000000	
IEHDAOUT		03AC	CCCC		00000000	00000000		IEHPRNGM		3478	CCCC		00000000	00000000	
IEHDASDR		039C	0000		00000000	00000000		IEHSCAN		06F8	CCCC		00000000	00000000	
IEHCASDS		10DC	CC00		00000000	00000000		IEUASM		C1E8	CC00		00000000	00000000	
IEHDCCELL		C7EC	0000		00000000	00000000		IEUERR		066C	0000		00000000	00000000	
IEHDDUMP		1EC0	0000		00000000	00000000		IEUF1		5428	CCCC		00000000	00000000	
IEHDGETA		03D8	CC00		00000000	00000000		IEUFPP		53B8	CCCC		00000000	00000000	
IEHDLABL		03DC	0000		00000000	00000000		IEUF1		3C1C	0000		00000000	00000000	
IEHDM5GB		0A38	CC00		00000000	00000000		IEUF2		3C00	CC00		00000000	00000000	
IEHDPASS		0978	CC00		00000000	00000000		IEUF3		3BD8	CC00		00000000	00000000	
IEHDPBNT		029C	CC00		00000000	00000000		IEUF3E		2478	CC00		00000000	00000000	
IEHDCVVR		C838	0000		00000000	00000000		IEUF7		54AC	CC00		00000000	00000000	
IEHDREST		0EF8	0000		00000000	00000000		IEUF8		5418	CC00		00000000	00000000	
IEHDSKAN		0518	CC00		00000000	00000000		IEUMAC		037C	0000		00000000	00000000	
IEHDVTOC		0DBC	CC00		00000000	00000000		IEURTA		0F78	CC00		00000000	00000000	
IEHINITT		11CC	CC00		00000000	00000000		IEWL		3EAC	+ CC5C	A	00000000	00000000	
IEHIOSUP		2C5C	0000		00000000	00000000		IEWLF440		3EAO	+ 0C5C		00000000	00000000	
IEHLIST		6C8C	+ 0008		00000000	00000000		IEWSZ0VR		01AO	0000		00000000	00000000	
IEHM0VE		03EE	+ CC2C		00000000	00000000		IEZCCODE		09DC	CC00		00000000	00000000	
IEHMVERA		CA90	+ CC18		00000000	00000000		IEZNCODE		0CF8	CCCC		00000000	00000000	
IEHMVERD		084E	CCCC		00000000	00000000		IFCDIPCO		C4DC	0000		00000000	00000000	
IEHMVESA		03DC	CC00		00000000	00000000		IFCEREPO		114C	+ CCC8		00000000	00000000	
IEHMVESC		0EEC	CC00		00000000	00000000		IHGUP		3558	CC00		00000000	00000000	
IEHMVESE		0CC0	+ C028	A	00000000	00000000		IMAPTFLE	*	1F0C			01011260		
IEHMVESH		0328	0000		00000000	00000000		IMAPTFLS	*	1048			C101C42C		
IEHMVESI		05AC	CC00		00000000	00000000		IMAPTF01	*	0E28			C1011068		
IEHMVESJ		062C	+ C02C		00000000	00000000		IMAPTF02	*	01FC			C1011036		
IEHMVESK		034C	- CC10		00000000	00000000		IMASZAP	*	2058			01C11268		
IEHMVESL		084E	+ CC68		00000000	00000000		IMBMDMAP	*	26CC			01C10425		
IEHMVESM		CA2C	+ CC08		00000000	00000000		IMCDREAD		02A8	CC00		01C1C893	01C11198	

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LINKLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IMDPRDMP		3E18	+ 008C		00000000	00000000	
IMCPRDPS		0A2C	+ CCC8		CCCC0000	01C111C1	
IMDPRFSR		2B3C	C00C		0101C481	01C11262	
IMDPRFUB		06AC	+ C008		C1C1C227	01C11047	
IMDPRFUR		02BC	+ C138		C1C1C496	C1C11262	
IMCPRPAL		013C	- C0C8		G101C892	01G11101	
IMDPRQCB		06DC	+ CC90		01013430	01011193	
IMDTREAD		07B8	+ CCC8		C1C1C332	01C111C0	
LINKEDIT		3EAC	+ C05C	A	00CCCC00	00CC0000	
SMALLGO		0FF8	CCCC	A	0000CCCC	00CC0000	
SPRINTER		CA3C	CCCC	A	000000CC	GC0C0000	

NO. MODULES 274
NO. ALIAS C53
NO. ADDED C08
NO. DELETED C00
NO. CHANGED 291

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LM512

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IHECLTA		05F8	- CC1C		02010620	01011980	
IHECLTB		05F8	- C010	A	02C10620	01C11980	IHECLTA
IHECTTA		07CC	- C018		02010621	01C11880	
IHECTTB		07CC	- CC18	A	C2C10621	01C11880	IHECTTA
IHECTTC		C7CC	- C018	A	02010621	01011880	IHECTTA
IHEDIMA		0228	+ C018		03011976	01C11976	
IHEITDA		093C	+ CCC8		C9C12C92	01C12092	
IHEITGA		04CE	CCCC		C6C1C922	19010922	
IHEITKA		02C8	000C		01C10364	19010364	
IHEITLA		0248	+ C03C		01C12043	17012360	
IHEITNA		052C	C00C		02012582	01C12092	
IHEOPOA		0838	CC00		02013200	C1C11976	
IHEOPPA		0860	- C018		20010922	1901C282	
IHEOPQA		05F8	+ C008		C201C922	01012093	
IHEOSWA		0448	+ C018		04C11970	01011970	

NO. MODULES C93
NO. ALIAS C29
NO. ADDED C00
NO. DELETED 000
NO. CHANGED C15

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LM5C1

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 C78
NO. ALIAS C93
NO. ADDED CCC
NO. DELETED CCC
NO. CHANGED C00

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.LM525

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 C30
NO. ALIAS C17
NO. ADDED C00
NO. DELETED C00
NO. CHANGED C00

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.LM532

MODLLE NAME	N E W	MCD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES C36
 NO. ALIAS 037
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED CCC

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.LM542

MODLLE NAME	N E W	MCD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES C13
 NO. ALIAS 011
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED CCG

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.LM537

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES 070
 NO. ALIAS 011
 NO. ADDED C00
 NO. DELETED C00
 NO. CHANGED C00

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.LM546

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES C44
 NO. ALIAS C26
 NO. ADDED C00
 NO. DELETED CCG
 NO. CHANGED CCC

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.MACLIB

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
CKREQ		0000	00CC		C1C124C1	01012451	
CCB		0000	CCCG		10010962	11011834	
NC. MODULES			288				
NO. ALIAS			000				
NO. ADDED			CCC				
NO. DELETED			CCC				
NO. CHANGED			CC2				

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.MOOGEN

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEAANIP		00CC	00CC		10051209	01114185	
IEAQPR		CCCC	CCCC		C1C50371	01114110	
IECINT		00CC	CCCC		C1C513C1	02C51891	
IECULK1		00CC	0000		03051834	04C51890	
IECULK2		0000	0000		03051126	04C51890	
IEXCPC		000C	CCCC		0105131C	02052377	
IEC23XF		0000	0000		02011350	01117395	
IFBRELNO		000C	CCCC		C101CC73	05001971	
SCBDUMP		00CC	CCCC		01012266	01114185	
SGIECODT		00CC	0000		08C5117C	07C51480	
NC. MODULES			125				
NO. ALIAS			CC0				
NO. ADDED			CC0				
NO. DELETED			CCC				
NO. CHANGED			01C				

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.NL511

MODULE NAME	N E W	MCD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEMAB		4A08	0000		2CC1C531	19C13147	
IEMAG		C208	+ CCC8		C2C12277	C1C11970	
IEMAJ		0808	0000		C2C1C800	C1C10800	
IEMAL		1F5E	CCCC		2CC12952	19C1C272	
IEMAT		2230	+ CC8C		0CC11850	C1C11850	
IEMCO		OFFC	0000		20C12403	19C1C772	
IEMCV		100C	CCCC		2001C932	19C10842	
IEMEX		10CC	CCCC		C1C1342C	19C13420	
IEMEY		100C	CCCC		C2012683	01011883	
IEMFB		10CC	0000		02010930	0101C651	
IEMHK		200C	0000		20C32685	19C13147	
IEMHL		100C	0000		20012260	19C13630	
IEMJP		0C4C	+ CC80		C201C924	01011851	
IEMJZ		CFAC	+ C008		C3C11971	C1C11971	
IEMMB		0F30	+ 0CC8		02C12683	01C11490	
IEMMH		100C	+ CCC8		02C12402	C1C11851	
IEMMK		GEE8	- CC10		C7C11411	01C11411	
IEMMO		0818	+ 0008		20012682	19C10794	
IEMNJ		0FE8	+ CCC8		2001C926	19C1C570	
IEMNV		CA3C	+ CC10		02C12611	01C11921	
IEMDU		OFF8	+ CC30		2CC1C924	19C13512	
IEMPT		CF8C	+ C028		02012121	C1C11391	
IEMQX		13D8	0000		C201C041	01012020	
IEMRA		100C	CCCC		02C121C2	C1C11921	
IEMRB		100C	CCCC		C6C1C412	19010412	
IEMRC		10CC	CCCC		02C13423	19C13423	
IEMRF		20CC	CCCC		20011C41	19010641	
NC. MODULES			255				
NO. ALIAS			001				
NO. ADDED			000				
NO. DELETED			000				
NO. CHANGED			C27				

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.NUCLEUS

MODULE NAME	N	MOD E	MOD SIZE	A	SIZE L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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 IEANUC01 06AC + 03E8 C4CCC4CC 04CCC4CC

NO. MODULES CC1
 NO. ALIAS CCC
 NO. ADDED C00
 NO. DELETED C00
 NO. CHANGED C01

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.PL1LIB

MODULE NAME	N	MOD E	MOD SIZE	A	SIZE L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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 NO. MODULES 178
 NO. ALIAS 187
 NO. ADDED CCC
 NO. DELETED CCC
 NO. CHANGED C00

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.PARMLIB

MODULE NAME	N	MOD E	MOD SIZE	A	SIZE L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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 NO. MODULES CC6
 NO. ALIAS C00
 NO. ADDED C00
 NO. DELETED C00
 NO. CHANGED C00

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.PL552

MODULE NAME	N	MOD E	MOD SIZE	A	SIZE L	OLD SSI	NEW SSI	ALIAS TRUE NAME
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 NO. MODULES C16
 NO. ALIAS CCC
 NO. ADDED CCC
 NO. DELETED C00
 NO. CHANGED C00

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.PRCCLIE

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 062
NO. ALIAS 000
NO. ACDED 000
NO. DELETED 000
NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.RC536

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 054
NO. ALIAS 004
NO. ACDED 000
NO. DELETED 000
NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.PT516

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 062
NO. ALIAS 000
NO. ACDED 000
NO. DELETED 000
NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.RC541

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MODULES 067
NO. ALIAS 000
NO. ACDED 000
NO. DELETED 000
NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.RC543

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES 008
 NO. ALIAS 000
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.RGC3E

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES 056
 NO. ALIAS 000
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.RC551

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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NC. MCDULES 077
 NO. ALIAS 000
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.SAMPLIB

MODULE NAME	N E W	MOD SIZE	MCD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
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CASDI 000C 000C A 09011393 09011825
 IBCCASDI 000C 000C 09011393 09011825
 IEAIPLCO 000C 000C 01011556 02054171

NC. MCDULES 036
 NO. ALIAS 003
 NO. ADDED 000
 NO. DELETED 000
 NO. CHANGED 003

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.SMG23

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

NC. MODULES 215
 NC. ALIAS CCI
 NO. ACDED 000
 NO. DELETED 000
 NO. CHANGED 000

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.SORTLIB

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

NC. MODULES 036
 NO. ALIAS CCO
 NO. ACDED CCO
 NO. DELETED CCO
 NO. CHANGED CCO

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.SVCLIB

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

IGCXLO7B		0278		0000		00000000	
IGCCAG1C		03B8	+	CC30		2005C71C	20051327
IGC0G05B		01BC	+	001C		0301C350	03011066
IGC0G95B		031C	+	CC38		0101C751	01C11066
IGCCH05B		03CC	+	CC28		02C13566	02011067
IGC0I07B		03EC		CC0C		00C0G0C0	00G00000
IGCCJC5B		0358	+	CC18		0301C37C	03010924
IGCCK05B		04CC		CC0C		03C1C191	03010987
IGCOM05B		04CC		CC0C		03012730	03C1C97C
IGCON05B		03FC	-	CCC8		03012721	03C1C794
IGCOS05B		03CC	+	CC10		02010350	02010970
IGCOVC5B		023C	+	CC4C		03033213	03C31342
IGCOZ05A		022C		CC0C		01013458	01114185
IGC0001F		03EG		0000		03C1C504	03011375
IGC0C01I		04CC		CCCC		10C33567	10C31245
IGCC002		04CC		CC00		04C1C570	04C11141
IGCC002B		04CC		CC0C		06010062	06011141
IGC0002E		036E		CC0C		12010C62	12011093
IGC0003A		040C		CC00		07C12852	07011344
IGC0003D		02EC	-	CC1C		00CC00C0	00000000
IGC0003E		040C		CC0C		0CC0CC0C	00000000
IGC0003F		025C		CCCC		00CC00CC	00C00000
IGC0005A		03D0	+	CC10		01013454	01114185
IGC0006		02D8	+	CC08		02030789	02031332
IGC0006D		04CC		CC0C		05012685	05C11141
IGC0006H		0238	-	C1DC		04012583	04C11100
IGCC006I		03F8	+	CC1C		05C1C513	05011131
IGCC007B		0128		CC0C		0000CC00	00C00000
IGCC007F		03BC		CC00		04C10401	01C11681
IGC0C07H		02EE		CC0C		0321C113	03011030
IGC0008A		04CC		CC00		01C1C810	01010955
IGCC009		036C		CC00		00CC00C0	00000000
IGCC009A		03AC		CC0C		0103C576	01031336
IGC0010E		02C8	+	CC18		01C1C63C	01011271
IGC0103D		03F8		CC00		00C00000	00C00000
IGC0103E		036C		CC00		00C0C0C0	0C0C0000
IGC0105B		028C	+	CC2C		01C31154	02030982
IGC0106H		02CC	-	CCC8		0501C423	05010972
IGC0107B		03D0		CC0C		00CC00CC	00CC0000
IGCC1C7F		039C	-	CCC8		01C1C4C1	01011244
IGC0109		03CC		CC0C		00000000	00000000
IGC0201F		03E8		CCCC		02C10505	02011377
IGC0203E		0218		CCCC		00000000	00000000
IGC0205B		028C	+	0070		0103C533	02C31131
IGC0209		0240		CC00		0000C000	00000000
IGCC211C		02BC	+	CC30		20052869	20C51316
IGC0303E		03FC	+	CCC8		00C0CC00	00C00000
IGC0305A		035C	+	CC08		0801G6C3	08011283

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.SVCLIB

CCMPARE LEVEL 20.1 VS 20.6
DSNAME=SYS1.SVCLIB

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGC0307F		03C8	- 0018		0101C422	01011171	
IGC0309		0378	CCCC		CCCC0000	00CC0000	
IGC04C3D		C39C	CC00		CCC00000	CCC00000	
IGC0403E		021C	0000		00000000	00CC0000	
IGC0411C		C288	+ 0038		20C5G892	20051314	
IGC0503D		03F8	CCCC		00000000	00000000	
IGC0603D		03F8	0000		00000000	00000000	
IGC07C1C		031C	- 0030		20C05G562	20C051250	
IGC07C3D		C3C8	CC00		00000000	00000000	
IGC07C6H		03BC	+ CCF0		00010342	02C1C972	
IGCC803D		01EC	+ CC3E		00000000	00000000	
IGC0903D		C1CC	CCCC		CCCC0000	00000000	
IGC0906H	*	02D8				04011036	
IGC1107F		03FC	CCCC		00000000	00000000	
IGC1103D		01A0	CC00		00000000	00000000	
IGC1107B		C268	CCCC		00000000	00000000	
IGC1203D		040C	0000		00000000	00000000	
IGC1303D		0C4C	CC00		00000000	00000000	
IGC1403D		03E8	CCCC		00000000	00000000	
IGC1503D		024C	CCCC		00000000	00000000	
IGC1603D		0398	+ CC60		00000000	00000000	
IGC18C3D		024C	+ CC8C		00000000	00000000	
IGC1903D		024E	+ CCC8		00000000	00000000	
IGC2107B		02E8	CC00		00000000	00000000	
IGC2107B		034E	CCCC		00000000	00000000	
IGC2303D		03CC	CCCC		00000000	00000000	
IGC2503D		0378	CC00		00000000	00000000	
IGC2603D		C6B8	CC00		00000000	00000000	
IGC2803D		02FC	CCCC		00000000	00000000	
IGC2903D		03E8	+ CC18		00000000	00000000	
IGC3103D		03A8	CCCC		00000000	00000000	
IGC3203D		C148	CC00		00000000	00000000	
IGC3503D		03FC	+ 0008		00000000	00000000	
IGC3903D		02C8	CC00		00000000	00000000	
IGC4503D		02B8	0000		00000000	00000000	
IGC5403D		0280	CC00		00000000	00000000	
IGC5503D		019C	CC00		00000000	00000000	
IGC5803D		CC58	CC00		00000000	00000000	
IGC6503D		03CC	CCCC		00000000	00000000	
IGC6603D		020C	CCCC		00000000	00000000	
IGEC003A		03F8	0000		0301C859	03011242	
IGEC000F		0358	CC00		0101C790	01011171	
IGE0000G		C35C	0000		06C12734	06C1C992	
IGE0025C		02DC	CCCC		07C1C143	07011024	
IGE0025E		016E	+ CC1C		0601C936	07011387	
IGE0025F		040C	CCCC		08010422	01011411	
IGE0100F		03C8	+ CC1C		0101C151	01011171	
IGE0125F		C3D8	+ CCC8		C103C422	01C11104	

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGE0225E		036E	CC00		02012734	02010970	
IGE0200I		C14C	+ CCC8		00050762	01051066	
IGE0425C		03D8	+ CC1C		0101C134	01011191	
IGE0625F		040C	0000		01030364	01011077	
IGG019AJ		0138	+ CC18		03010903	04010933	
IGG019AM		00AC	+ CC10		0201C842	03011054	
IGGC19AR		010C	+ CCC8		0501C828	05011091	
IGGC19AT		02F0	+ CC10		08013176	08010934	
IGG019AV		008C	0000		0201C851	03010934	
IGGC19AW		CCE8	- CC30		0301C070	03011181	
IGGC19BI		0070	+ CC08		00012074	01010932	
IGG019BP		C388	+ CC38		00013572	02010933	
IGGC19CC		C1EC	CC00		05012584	05011040	
IGG019CG		0138	+ CC28		0101C423	01011323	
IGG019CI		023C	+ CC08		01010402	01011170	
IGGC19CJ		0220	+ CCC8		01010402	01010944	
IGG019CU		07CC	+ CCCC		01010551	01011393	
IGG019CV		03D0	- CC08		01010403	01011343	
IGG019C1		C16C	0000		02010216	03010934	
IGGC19C8		C478	+ C050		01010101	01011137	
IGGC19EF		012C	0000		01010221	02010934	
IGG019EK		01D8	+ CCC8		0101C858	01011310	
IGG019FJ		012E	+ CC18		01010903	03010933	
IGG019FR		00A8	0000		0101C851	01010972	
IGG019FS		03D8	+ C120		0101C852	01010972	
IGG019TV		03EE	- CCC8		01010402	01011343	
IGG0190H		04CC	CCCC		0401C895	04011092	
IGGC19CJ		040C	CC00		08013183	08011200	
IGG0190L		04CC	CCCC		0801C800	08011310	
IGG0190M		040C	CC00		11030541	11031171	
IGG0190N		04CC	CC00		04010091	04011395	
IGG0190U		04CC	CC00		03032731	03031200	
IGG0190V		04CC	0000		06012592	06011200	
IGG0191A		04CC	0000		12010687	12011394	
IGGC191Q		04C0	CC00		04010485	05011300	
IGG0191R		040C	CC00		0601CC83	06010932	
IGG0191U		040C	0000		03010422	03011033	
IGG0191V		04CC	CC00		04010828	04010934	
IGGC191W		C40C	0000		0101C143	01011190	
IGGC191C		04CC	0000		0401C422	04011091	
IGG01911		04CC	0000		0801C422	08010934	
IGGC1913		040C	0000		03010420	03011091	
IGG01914		C40C	CC00		0301C422	03011091	
IGG01915		040C	CC00		04010420	04011093	
IGG01918		04CC	CC00		02012745	02011210	
IGGC193I		040C	0000		01010146	01010912	
IGGC196B		04CC	0000		02010833	02010970	
IGGC197E		04CC	CCCC		01010680	01010981	

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.SVCLIB

MODULE NAME	N E W	MGD SIZE	MOD L CHG.	A S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IGGC197F		040C	C00C		0101C680	01011060	
IGG0199D		040C	C00C		01C1C64C	C1011132	
IGG0199E		040C	C00C		C2C1C800	C2C11132	
IGG0199I		040C	C00C		04013643	C4C112CC	
IGG0199J		040C	C00C		02012874	04C11200	
IGGC199P		040C	C00C		C3C1C671	02C11381	
IGG0199X		040C	C00C		01C1C883	01C11200	
IGGC199Y		0400	C000		03C13183	C3C112CC	
IGGC1990		040C	C00C		C2C1C691	C2C10935	
IGG01991		040C	C000		G3010513	030112C2	
IGG02001		040C	C00C		C9013214	05C10980	
IGG020P1		040C	C00C		C9C33512	1GC3C980	
IGG020P2		040C	C00C		11033242	11030980	
IGG020P3		040C	C00C		C4C1C884	04C10980	
IGGC200B		040C	C00C		1CC13161	10011375	
IGG0200F		040C	C00C		1101C895	11011092	
IGG0200G		040C	C00C		11012656	11011123	
IGG0200H		040C	C00C		03C1C856	03011211	
IGG0200I		040C	C00C		00011273	C2010960	
IGG0200Z		040C	C00C		04012675	04010974	
IGGC201A		040C	C00C		11C1C828	11C11394	
IGG0201B		040C	C00C		04C11273	06C11394	
IGG0201Y		040C	C00C		G2010219	02010932	
IGGC201Z		040C	C00C		02C1138C	04C11394	
IGGC210A		0400	C00C		C2C13C87	04011240	
IGG03001		036C	C00C		C7C3C651	C7C3C980	
IGGC325E		040C	C00C		C6C32685	C6C3C971	
IGG0325G		040C	C00C		01012412	C2C1C971	
IGG0325W		040C	C00C		01013161	01C10982	
IGG0550K		040C	C00C		1CC1C297	1C010960	
IGG0550M		040C	C00C		06C33C51	07C31034	
IGG0550Z		040C	C00C		0903C143	09C31200	
IGG0551A		040C	C00C		C9C1C141	C9C11310	
IGG0551B		040C	C00C		03C1C141	03C11300	
IGGC552F		040C	C00C		02010144	0201C934	
IGG0552Q		040C	C00C		03013220	03C11171	
IGG0553B		040C	C00C		C1031463	02C31394	
IGG0553C		040C	C00C		C4C12681	04011395	
IGG0553D		040C	C00C		02013C34	03C10980	
IGG0559F		040C	C00C		0CC1C923	02C10973	
IGGC8101		040C	C00C		C301C791	03C113C0	
IGGC8102		040C	C00C		0401C792	04011033	
IGG08104		040C	C00C		01C1C281	C1C10980	
IGG0860B		040C	C00C		02010691	02010774	
IGG2103D		0348	+ C020		CCCCCCC0	CCCCC000	
SECL0ADA		040C	C00C		0703C640	07C31066	

NO. MODULES 514
 NO. ALIAS C00
 NO. ADDED C01
 NO. DELETED C00
 NO. CHANGED 189

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.TCAMMAC

MODULE NAME	N E W	MOD SIZE	MGD L CHG.	A S	OLD SSI	NEW SSI	ALIAS TRUE NAME
HOLD		CCCC	C000		01C12938	01C12238	
ICFNG		C00C	C00C		C2C11524	C2C12235	
IEDQCHI		C00C	C00C		0101C256	C1012239	
IECQTQ		C00C	C00C		C1C1C320	01C12244	
LOGTYPE		C00C	C00C		01C12084	01C12236	
MSGEDIT		C00C	C00C		C1010437	01012238	
TERMINAL		C00C	C00C		01010405	01C12239	
TLIST		C00C	C00C		C1010633	01012244	
TPCATE	*	C000	C000			00C11742	
TPROCESS		C00C	C00C		C1012C31	C1C12230	
TSINPUT		C00C	C00C		C1012404	C1C12315	
TTSID		C00C	C00C		C1C12404	01C12231	

NO. MODULES 075
 NO. ALIAS C00
 NO. ADDED C01
 NO. DELETED C00
 NO. CHANGED C11

CGMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.TSCGEN

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
NC. MCDULES			003				
NO. ALIAS			000				
NO. ADDED			000				
NO. DELETED			000				
NO. CHANGED			000				

CGMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.TSOMAC

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
NC. MCDULES			075				
NO. ALIAS			000				
NO. ADDED			000				
NO. DELETED			000				
NO. CHANGED			000				

CCMPARE LEVEL 20.1 VS 20.6
 DSNAME=SYS1.UT506

MODULE NAME	N E W	MOD SIZE	MOD SIZE CHG.	A L S	OLD SSI	NEW SSI	ALIAS TRUE NAME
IEBBAM		03C8	CCCC		C1C11139	01C12800	
IEBCRB		038E	CCCC		01011137	01C12800	
IEBDRD		C47C	C0C0		01011138	01G12800	
IEBDSOPY		188C	00G0		01011137	C1C11756	
IEBDV1		0ECC	C0C0		C1C11182	01C12800	
IEBDWR		043C	CCCC		C1011138	01011138	
IEBIOE		067E	CCCC		C1C11138	01C12800	
IEBMCP		029C	CCCC		01011138	01012800	
IEBSCN		0F2C	CCCC		01011138	01C12800	
IEBVCT		C208	C0C0		01C11138	01C12800	
IEBVCM		C6EC	CCGG		01011130	01C12800	
IEBVMS		1C5E	CCGG		C1C11137	01C12800	
IEBVMT		C82C	00C0		01011137	01C12800	
IEBVTT		C398	C0C0		C1011139	01C12800	
IEBWSU		05F0	0C00		C1C11137	C1C12800	
IEPCASDS		0FGC	+ CCCC		C4C11261	05C11891	
IEPCCELL		082E	+ CC48		01011230	C3011891	
IEPCCONS		01DE	CCCC		04011056	20117420	
IEHDUMP		0E9C	+ 0008		04011244	04C11891	
IEHCXCP		1038	+ 0C18		C5C11310	04011451	
IEPDREST		0F0C	+ 0CC8		04011311	05012224	
IEHMVESQ		04F8	+ C010		07C5C5C6	C6C53132	
IEHMVSSX		C80C	+ CC2C		10C51171	09C51171	
IFHSTATR		070C	+ CC58		01C51095	01052015	
IGGC15C8		0478	CC0C		01C11137	01012800	

NC. MCDULES	168
NO. ALIAS	001
NO. ADDED	000
NO. DELETED	000
NO. CHANGED	025

(3-49
thru
3-64
deleted)

SECTION 4: PROGRAM MATERIAL LISTS

The program material list (basic) identifies the components of Operating System/360, their residence when ordered, and the basic documents needed to initiate use of the system.

The optional program material list provides information for ordering symbolic libraries.

PROGRAM MATERIAL LIST
FOR OPERATING SYSTEM/360 RELEASE 20.6

2311 DISTRIBUTION PACKS

DISK IDENT KEY	DISK IDENT KEY	DISK IDENT KEY
DLIB01	DLIB04	DLIB06
STARTER SYSTEM	SYS1.GENLIB	SYS1.TSOGEN
SYS1.PARMLIB (BD01-02)	SYS1.TCAMMAC (BD04-02)	SYS1.CI555
SYS1.MACLIB		SYS1.TSOMAC (BD06-01)
SYS1.PROCLIB		SYS1.DUADS
		SYS1.DHELP
		SYS1.DCMDLIB
DLIB02	DLIB05	
SYS1.MODGEN (BD02-02)	SYS1.AL531	
	SYS1.AS037	
DLIB03	SYS1.CB524	
SYS1.DN554	SYS1.CB545	
SYS1.CQ548	SYS1.COBLIB	
SYS1.CI505	SYS1.CO503	
SYS1.CI535	SYS1.ED521	
SYS1.CQ513	SYS1.FORTLIB	
SYS1.CQ519	SYS1.FO500	
SYS1.DM508	SYS1.FO520	
SYS1.DM509	SYS1.FO550	
SYS1.DN527	SYS1.LD547	
SYS1.DN533 (BD03-02)	SYS1.LM501 (BD05-02)	
SYS1.DN539	SYS1.LM512	
SYS1.IO526	SYS1.LM525	
SYS1.LM537	SYS1.LM532	
SYS1.LM542	SYS1.LM546	
SYS1.ET516	SYS1.NL511	
SYS1.RC536	SYS1.PL1LIB	
SYS1.RC541	SYS1.PL552	
SYS1.RC543	SYS1.RG038	
SYS1.RC551	SYS1.SH023	
SYS1.UT506	SYS1.SORTLIB	
	SYS1.SAMPLIB	
	SYS1.DN554A	

PROGRAM MATERIAL LIST
FOR OPERATING SYSTEM/360 RELEASE 20.6
TAPE DISTRIBUTION FOR 2311 DISK PACK

BT01-03	9 TRACK (800BPI) CONTAINS DLIBS 1-3*	7 FILES
BT03*-02	9 TRACK (800BPI) CONTAINS DLIBS 3*-5	7 FILES
BT11-01	9 TRACK (800BPI) CONTAINS DLIB 6** (FOR TSO ORDERS ONLY)	3 FILES
BT05-03	9 TRACK (1600BPI) CONTAINS DLIBS 1-5	11 FILES
BT13-01	9 TRACK (1600) CONTAINS DLIB 6** (FOR TSO ORDERS ONLY)	3 FILES
BT02-03	7 TRACK (800CPI) CONTAINS DLIBS 1-3*	7 FILES
BT04-02	7 TRACK (800CPI) CONTAINS DLIBS 3*-5	7 FILES
BT12-01	7 TRACK (800CPI) CONTAINS DLIB 6 ** (FOR TSO ORDERS ONLY)	3 FILES

* DLIB03 IS CONTAINED ON TWO TAPES FOR 7 AND 9 TRACK USERS.

** DLIB06 AND THE ASSOCIATED TAPES ARE REQUIRED ONLY WHEN TSO (CI555) IS ORDERED.

DASDI AND DUMP/RESTORE PRECEDE THE DUMPED DISK PACK DATA ON A RESTORE TAPE. ALL SEVEN TRACK TAPES REQUIRE THE DATA CONVERSION FEATURE.

PROGRAM MATERIAL LIST
FOR OPERATING SYSTEM/360 RELEASE 20.6

2314 DISTRIBUTION PACKS

DLIB01		DLIB02
SYS1.TCAMMAC		SYS1.P0500
SYS1.TSOMAC		SYS1.P0520
SYS1.CQ548		SYS1.P0550
SYS1.CI555		SYS1.I0523
SYS1.DUADS		SYS1.I0526
SYS1.DHELP		SYS1.LD547
SYS1.DCMDLIB		SYS1.LM501
SYS1.DN554		SYS1.LM512
SYS1.AL531		SYS1.LM525
SYS1.AS037		SYS1.LM532
SYS1.CB524		SYS1.LM537
SYS1.CB545		SYS1.LM542
SYS1.CI505		SYS1.LM546
SYS1.CI535		SYS1.NL511
SYS1.COBLIB		SYS1.PL1LIB
SYS1.CO503		SYS1.PL552
SYS1.CQ513		SYS1.PT516
SYS1.CQ519		SYS1.RC536
SYS1.DM508		SYS1.RC541
SYS1.DM509		SYS1.RC543
SYS1.DN527		SYS1.RC551
SYS1.DN533		SYS1.RG038
SYS1.DN539		SYS1.SM023
SYS1.ED521		SYS1.SORTLIB
SYS1.FCRTLIB		SYS1.UT506
STARTER SYSTEM		SYS1.PARMLIB
SYS1.MACLIB		SYS1.PROCLIB

TAPE DISTRIBUTION FOR 2314 DISK PACK

BT06-02	9 TRACK (800BPI)	CONTAINS DLIB 1 ***	3 FILES
BT08-03	9 TRACK (800BPI)	CONTAINS DLIBS 1 and 2	5 FILES
BT10-03	9 TRACK (1600 BPI)	CONTAINS DLIBS 1 and 2	5 FILES
*** DLIB01 IS CONTAINED ON TWO TAPES FOR 7 AND 9 TRACK USERS.			
BT07-02	7 TRACK (800CPI)	CONTAINS DLIB 1 ***	3 FILES
BT09-03	7 TRACK (800CPI)	CONTAINS DLIBS 1 and 2	5 FILES

DASDI AND DUMP/RESTORE PRECEDE THE DUMPED DISK PACK DATA ON A RESTORE TAPE. ALL SEVEN TRACK TAPES REQUIRE THE DATA CONVERSION FEATURE.

SEE SRL GC28-6554 FOR RESTORE PROCEDURES.