

**HP 250**

**SYSTEM STATUS BULLETIN**

**Quarterly**

**Issue 3**

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**This document supersedes all previously dated SSBs.**



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## P R E F A C E

This System Status Bulletin (SSB) documents all known problems in the software product line designated on the cover page. The SSB is derived from Known Problem Reports (KPR) which result from Service Requests (SR) submitted by users of these products. The SSB is provided as a benefit of Hewlett-Packard's Comprehensive Software Support Service, Software Subscription Service, and Software Notification Service.

Not all SR's submitted to HP are listed in the SSB. Ones which involve problems that cannot be duplicated, requests for enhancements and misunderstandings about an application or a feature are not listed in the SSB. SR's which refer to a previously documented problem are cross referenced within the report which originally identified the problem. Every SR verified by an HP Systems Engineer and sent to the factory is assigned a unique identifier and acknowledged by letter to the submitter. When the SR is classified as a documentation problem or a software design fault, a KPR is written for it. The KPR then appears in the next issue of the SSB. After the problem has been corrected and signed off by Product Assurance, the fact is noted in the KPR with the following statement: "Date fix signed off : mm/dd/yy Rel: uu.ff.". When a new software release is made for the product line, all problems that were corrected in that release are reported in the Software Release Bulletin for that release and the KPR's are removed from the SSB.

The SSB is distributed in complete form once every calendar quarter. Between these quarterly issues, monthly update issues (containing only those problems reported and documented since the last SSB) are distributed. In order to have a complete list of all outstanding problems, you must have the latest quarterly issue and all update issues since that quarterly.

Of the five sections contained in the SSB, only the last (known problem reports) has page numbers. The product, KPR number and keyword indexes all reference these page numbers to direct the user to a particular area or individual detailed report. The five sections are described below:

### SOFTWARE RELEASE CONTENTS

This section gives you the release ID of the current software release and the previous software release for the product line. Additionally, the current and previous update/fix levels are given for each product contained in the product line.

### PRODUCT INDEX

The monthly issues have one product index. The quarterly issue has two; the first referencing the problems that were documented since the last monthly issue, and the second referencing problems that were reported in a previous issue of the SSB. Each unique product name/number has an entry listing the page number where the KPR's against that product begin.

### KPR NUMBER INDEX

A sequential list of KPR numbers with the corresponding page number where the KPR can be found.

## KEYWORD INDEX

This index is sorted by product name, keyword, product number (including update/fix level) and by KPR number in that order. Along with the sort items, each entry has a brief (72 character) description and the page number where the KPR can be found. In the quarterly issue, entries that are new since the last update are denoted by an asterisk (\*) immediately following the KPR number.

## KNOWN PROBLEM REPORTS

Each report contains all the available information relevant to the problem.

# Software release contents

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DATA COMM	45122A	02.00	01.00
DATA COMM DOC	45122D	01.00	00.00
DSG	45150A	02.00	01.00
DSG DOCUMENTATION	45150D	01.00	00.00
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DSN/RJE	45123A	05.00	03.00
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OM DOCUMENTATION	45190D	02.00	01.00
OS DOCUMENTATION	45230D	01.00	00.00
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4700026864	7	9999004467	86	9999005175	64	9999005599	105
4700026906	8	9999004469	86	9999005177	65	9999005601	72
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4700026922	8	9999004509	52	9999005211	93	9999005607	31
4700027185	9	9999004510	40	9999005212	93	9999005608	72
4700027300	9	9999004511	41	9999005213	94	9999005609	73
4700027334	10	9999004522	41	9999005240	66	9999005657	73
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4700027359	10	9999004539	53	9999005259	66	9999005678	43
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4700028951	11	9999004545	55	9999005262	94	9999005687	106
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4700044297	26	9999004666	88	9999005315	97	9999005731	109
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9999003334	80	9999004690	56	9999005318	98	9999005736	110
9999003335	80	9999004693	56	9999005328	69	9999005738	32
9999003353	80	9999004695	57	9999005333	98	9999005759	76
9999003359	81	9999004702	89	9999005345	99	9999005760	110
9999003415	81	9999004736	89	9999005346	99	9999005761	111
9999003822	40	9999004739	90	9999005361	29	9999005762	111
9999003851	81	9999004741	90	9999005363	99	9999005781	111
9999003863	82	9999004749	58	9999005387	29	9999005782	112
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9999005866	77	9999006190	135	9999006345	19	9999300319	125
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Keyword	Product number	uu.ff Description	KPR number	page
FIRMWARE LOADER	45260A	00.00 The system will not load if files named SYxxxx precede SYSTEM on disc	4700043299*	1
	45260A	00.00 The system will not load if files named SYxxxx precede SYSTEM on disc	4700043299*	1
	45260A	00.00 System displays wrong message when Loading OS from 7911/12	9999006306*	1

- AP/GL -

Keyword	Product number	uu.ff Description	KPR number	page
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HPAP	45199A	06.02 Problem with MEND in AP	9999005540	31
	45199A	06.02 Cash Requirements Report does not include Debit Memos	9999005607	31
	45199A	06.02 Incorrect page breaks in AP report	9999005674	31
	45199A	06.02 Problem when using leading blanks in vendor number	9999005685	32
	45199A	06.02 Error 59 when printing preliminary check register	9999005738	32
	45199A	06.02 Address line 4 in Vendor info does not print out	9999005803	33
HPAR	45199A	06.02 Incorrect total in Cash Disbursements Journal	9999005813	33
HPCM	45199A	06.02 Error 32 in Manual Check entering in AP	9999005814	34
	45199A	06.02 Problem in AR POST if another user in AP or GL	9999005387	29
	45199A	06.02 Problem with YEND close if GL is configured	9999005531	30
HPGL	45199A	06.02 Problem when modifying passwords	9999005860	35
	45199A	06.02 Page overflow	9999004754	27
	45199A	06.02 Problem with page numbers on posting journal in GL.	9999004828	27
	45199A	06.02 Problem in FNSet_printer function of GL	9999005027	28
	45199A	06.02 Cost center balances in error when adding new cost centers	9999005051	29
	45199A	06.02 Problem with migrating secondaries when duplicating entities	9999005840	34
	45199A	06.02 Error 239 in Subsystem Transfer	9999005861	36

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Keyword	Product number	uu.ff Description	KPR number	page
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	45150A	01.00 Error 18 in DGDL03 drawing line charts	9999006206	37

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Keyword	Product number	uu.ff Description	KPR number	page
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- DSN/RJE -

Keyword	Product number	uu.ff Description	KPR number	page
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	45123A	02.00 Problem with sending 256 byte/records using 3780.	9999006015	39

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Keyword	Product number	uu.ff Description	KPR number	page
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	45180A	01.00 DB close fails and recovery will not work.	9999004008	40

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- MFG -

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	45180A	01.00 Ask for starting page no >32767.	9999300048	44
	45180A	01.00 Error 19 in Copy Master Set utility.	9999300049	44
	45180A	01.00 Input trans no greater than 199.	9999300051	45
	45180A	01.00 Printer select code 8 causes error 120.	9999300054	46
	45180A	01.01 Abnormal exit from recovery returns to MFG.	9999004510	40
	45180A	01.01 Check directory for entries to I200.	9999004511	41
	45180A	01.01 No maint word specified on DBCREATE.	9999004590	42
	45180A	01.01 Data item numbers in DBFIND	9999005602	43
	45180A	01.01 7910 Based system hangs, waiting for two flex-discs to be inserted	9999005678	43
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	45190A	06.02	Error in OM Implementation Guide	9999005395	69
	45190A	01.01	AR-GL Trans Report does not print correctly	9999005174	64
	45190A	06.01	Inconsistent I/O format.	9999004306	50
	45190A	06.01	Memory overflow in Conversion Mode.	9999004509	52
	45190A	06.01	Bad loop bounds in Statement reports.	9999004525	53
	45190A	06.01	Memory overflow in ADD TAX LOCATION	9999004540	54
	45190A	06.01	Error in MODIFY SHIP TO after forced ADD TAC LOCATION.	9999004753	60
	45190A	06.02	Credit memos not being deleted in AR	9999005029	62
	45190A	06.02	Statement Function in AR may print incorrect cust. # if pg break occurs	9999005030	63
	45190A	06.02	ADD/MODIFY CUSTOMER screen should only allow 14 char	9999005240	66
	45190A	06.02	Problem w/credit terms when 0% Discount	9999005259	66
	45190A	06.02	New invoices don't pass Sales \$ to IC	9999005553	70
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45190A	06.01	Any workfile on volume is purged automatically.	9999004752	59	
45190A	06.01	FNdate function does not check for some invalid date entries.	9999004925	62	
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Keyword

ARDOC  
HPAR

HPCM

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HPIC	45190A	06.02 Problem with adding entities in GL	9999005178	65
	45190A	06.01 Bad calculations in IC Classification Analysis.	9999004542	54
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	45190A	06.01 Order modification of WHSE not passed to IC.	9999004751	58
	45190A	06.02 ERROR 18 occurs in Order Inquiry	9999005866	77
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	45190A	06.02 DB Error in year-end update of SA	9999005317	68

- OS DOCUMENTATION -

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OSDOC	45230D	01.00 LEX command is not properly documented.	4700017418*	3
	45230D	01.00 UK Keyboard shifted '8' shows "#"	4700021063*	3

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	45130A	02.01 Print problem on 9871.	9999004397	84
	45130A	02.03 "10 rem." treated as a line label in Space Dependent mode.	9999300074	117
	45130A	02.08 Accessing files larger than 32768 records.	9999300081	118
	45130A	02.08 Invalid alternate characters	9999300100	118
	45130A	03.01 Alternate character set code removed by system.	9999004635	88
	45130A	03.01 ROUTIL capacity mis-specified	9999005126	92
	45130A	03.01 Problem with GET statement	9999005262	94
	45130A	03.01 Error in CASE statement	9999005295	96
	45130A	03.01 Upper limit in CASE statement	9999005296	96
	45130A	03.01 Error accessing sub-strings	9999005315	97
	45130A	03.01 Print error	9999005333	98
	45130A	03.01 Error in Basic manual	9999005363	99
	45130A	03.01 Handling Nulls on 3.04	9999005680	106
	45130A	03.01 Dimensioning in COMMON with subprograms.	9999300203	121
	45130A	03.01 Syntax check errors	9999300295	123
45130A	03.01 Printer is statement using 2631B returns error 131	9999300303	124	
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	45130A	03.01	LK3000 problems.	9999005422	100
	45130A	03.01	Problem using program on 3000 from LK3000	9999005585	104
	45130A	03.01	LK3000 not compatible with Series 44	9999005781	111
	45130A	03.01	LK3000 limitation	9999005727	109
	45130A	03.04	Numeric input in FORMS	9999005736	110
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	45130A	03.01	IMAGE documentation error	9999004741	90
	45130A	03.01	DBMODS problem	9999005100	92
	45130A	03.01	Problem in KATAKANA	9999005284	95
	45130A	03.01	DBLOAD problem	9999005318	98
	45130A	03.01	Data base problems on 7906	9999005426	100
	45130A	03.01	System Error G with SORT.	9999005522	102
	45130A	03.01	SE G in DBDELETE	9999005530	103
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	45130A	03.01	Problem with DBCREATE	9999005556	104
	45130A	03.01	SE G following a DBOPEN	9999005696	106
	45130A	03.01	DBLOADing set by set does not work if multiple volumes used	9999005833	115
	45130A	03.04	DBERASE with blank maintenance word hangs remotes	9999005718	107
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	45130A	03.06	Enhancements to DBMODS	9999006017	116
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	45130A	02.01	Error in DUPL with 7 devices.	9999003851	81
	45130A	02.01	Error 90 in FORMAT program.	9999003934	82
	45130A	02.01	Control halt on remote console.	9999004250	83
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	45130A	03.01	Erroneous characters on remote	9999005480	101
	45130A	03.01	Data Recovery error message specifies failure occurring on flex disc	9999005787	113
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	45130A	03.01	Problems with 2631B printer	9999300265	123
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OSDOC

REPORT

SORT

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UTIL

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	45230A	04.00 Improper PRINT statement hangs system	9999006044*	15
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Keyword  
TEXT

Product number    uu.ff Description  
45160A            01.00 Print format commands in manual show improper spacing.

KPR number page  
9999300486    146



KPR #: 4700004309 Product: DSG 45150A 01.00

Keywords: DSG

One-line description:  
STORE CHART/DATA of existing chart files displays improper volume name

Problem:  
If you have used the OLD CHART option in any of the Data and Chart Sources screens and then supply a VOLUME NAME in the File Names screen, any subsequent attempt to STORE CHART or STORE DATA will result in an error saying that the specified volume label was not found.

Cause:  
DSG keeps the file name and the volume name, if any, in the same string, separated by a comma. It then uses that string to fill in the file name and volume name fields in the STORE screen. However, it is starting with the comma between the two names instead of the character after the comma when filling in the VOLUME NAME field.

Temporary solution:  
Delete the comma from the VOLUME NAME field and, if your volume name is eight characters long, add the last letter, before pressing the PROCESS DATA key.

Signed off 04/18/83 in release B02.00

KPR #: 4700043299 Product: 250 SYSTEM 45260A 00.00

Keywords: FIRMWARE LOADER

One-line description:  
The system will not load if files named SYxxxx precede SYSTEM on disc

Problem:  
The system will not load if files exist before the SYSTEM file with names beginning with 'SY'.

Cause:  
In searching the directory for the file name 'SYSTEM', the wordcount for the number of letters in the name to compare is not being reset properly and leads to a match being found for names beginning with 'SYST' and 'SY'. This occurs when, in the same directory record, file names begin with: 1) 'SY', 'SY', 'SY', or 2) 'SYST', 'SY', or 3) 'SY', 'SYST', before the real SYSTEM file.

Temporary solution:  
Always have the SYSTEM file be the first file written on a disc if there are going to be other files on that disc whose names begin with 'SY'. This is to force the SYSTEM file to be the first entry in the directory.

Fix information:  
A ROM update would be required to correct this problem. This update is being investigated.

KPR #: 9999006306 Product: 250 SYSTEM 45260A 00.00

Keywords: LOADER

One-line description:  
System displays wrong message when loading OS from 7911/12

Problem:  
When loading system from 7911/12 the incorrect device letter is displayed.

Cause:  
Loader ROM fails to adjust the device letter based on device type. It uses 'q' for any CS'80 disc device.

Temporary solution:  
Ignore the letter - the device address is correct.

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KPR #: 4700017418 Product: OS DOCUMENTATION 45230D

01.00

Keywords: OSDOC

One-line description:

LEX command is not properly documented.

Problem:

BASIC manual 45251-90015, the older version for operating system revision A, will probably not be updated in the future because the software has not been updated.

There is currently no index in the BASIC manual (45260-90051). The LEX function will be added to the SYNTAX reference book when it is next updated AFTER the January 1983 version.

KPR #: 4700021053 Product: OS DOCUMENTATION 45230D

01.00

Keywords: OSDOC

One-line description:

UK keyboard shifted '8' shows "#".

Problem:

Signed off 04/18/83 in release D05.00

KPR #: 9999005964 Product: OS DOCUMENTATION 45230D

01.00

Keywords: OS

One-line description:

Can't print characters of two sizes on one line on HP 2608.

Problem:

The 2608 cannot print characters of more than one size on the same line.

Known Problem Reports as of 07/01/83

Page: 4

KPR #: 9999005970 Product: OS-REV A 45130A

03.06

Keywords: IMAGE

UTIL

One-line description:

IMAGE statement for # of sectors in data base must be increased

Problem:

If a data base has more than 99,999 total sectors it will not be displayed correctly at the end of the table printed by SCHEMA.

Cause:

The IMAGE statement in SCHEMA did not allow for over five digits.

Keywords: OS

One-line description:  
2601 loses data on Port 1 or 6

Problem:  
A 2601 printer configured on port 1 or 6 may lose data.

Cause:  
The wrong input routine is downloaded to the ASI board if a 2601 is configured on port 1 or port 6. The 2601 requires a type GENERAL input routine, but the download code does not check for 2601.

Signed off 04/18/83 in release B05.00

Keywords: BASIC

One-line description:  
Problems when adding a variable to the result of a function

Problem:  
The execution of a line of a BASIC program does not seem to work correctly when a variable and a function which modifies that variable are involved.

Cause:  
The way that BASIC is implemented on the HP 250 causes this anomaly.

Temporary solution:  
Do the function call on another line so there is no question what the value of the argument will be.

Keywords: MEDIA

One-line description:  
IBM Media test shows wrong selected device

Problem:  
Cannot select floppy disc in HMEDIA if CS'80 device is connected to system.

Cause:  
Code was not included to support CS'80 devices.

Temporary solution:  
Disconnect CS'80 devices before running media tests.

Signed off 04/18/83 in release B05.00

Keywords: OS

One-line description:  
Parity error or system error using PACK statement

Problem:  
In rare situations the PACK USING statement can cause spurious parity errors to occur.

Cause:  
There is a possibility of an incorrect adjustment of a stack pointer by the operating system when the target variable's value area entry spans the middle of a 64Kbyte block.

Temporary solution:  
Change the order of the variable declarations in the program.

Signed off 04/18/83 in release B05.00

Keywords: REPORT

One-line description:  
TRIGGER BREAK 9 causes ERROR 264

Problem:  
TRIGGER BREAK 9 gives ERROR 264.

Cause:  
The check for the range of the parameter (break level) in the TRIGGER BREAK execution is wrong. Instead of subtracting 8, the code should subtract 9.

Signed off 04/18/83 in release B05.00

Keywords: OS

One-line description:  
Directory entries lost when cataloging to a spool file.

Problem:  
When Cataloging to a spool file and the file size needs to be increased, entries are lost.

Temporary solution:  
Make sure that the spool file size is large enough to contain the entire Catalog contents.

Known Problem Reports as of 07/01/83

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KPR #: 4700024026 Product: OS-REV B 45230A

04.02

Keywords: OS

One-line description:  
Workstations reported down if on ports above nonfunctioning workstation.

Problem:

If a workstation fails self-test when the system is loaded all workstations at higher addresses, on the same ASI board, will also be reported as down.

Cause:

The error message reporting routine incorrectly modifies the ASI self-test routine.

Temporary solution:

Ignore the messages if workstations appear to work correctly.

Signed off 04/18/83 in release B05.00

KPR #: 4700024638 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
ERROR 37 modifying a line >= 159 characters in EDITOR

Problem:

The EDITOR program will give an ERROR 37 if an attempt is made to modify a line that is 159 or 160 characters long.

Cause:

Because of the half-bright line number the line is actually two characters longer than it appears and therefore will give an ERROR 37 when the EDIT statement is executed.

KPR #: 4700026864 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:  
Input buffer of computer port is not cleared

Problem:

If ON INPUT interrupt processing is aborted due to program errors or some other reason, the computer input buffer is not cleared and the system must be re-booted.

Cause:

REQUEST statement does not clear the input buffer of a port of device class computer. The problem does not affect the operation of LK3000 utility program, but may affect programs being developed by users to drive computer ports. The problem may result in an execution error in an ON TRIGGER routine due to the fact that the port is in the input available state when the PRINT statement is executed.

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Signed off 04/18/83 in release B05.00

KPR #: 4700026906 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:

DBMODS incorrectly loads overlays

Problem:

DBMODS does not load its overlays from MSI or LOAD device.

Cause:

DBMODS, like some other utilities, determines what device to load its overlays from by doing a READ LABEL and then searching through the devices in order until it finds one that has the file it is looking for. The user cannot change the order in which this is done. If another device has another version of DBMODS on it that is incompatible then an ERROR 999 will result.

Temporary solution:

Do not keep more than one version of any program on the system.

Fix information:

The next version of DBMODS, and all other utilities, will always load overlays (and forms, data files, etc.) from the device the program was originally RUN from, i.e., if RUN "DBMODS:Q" then all subsequent loads will be done from the ":Q" disc.

Signed off 04/18/83 in release B05.00

KPR #: 4700026914 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:

Self-test failures when remotes not at 9600 baud

Problem:

The system always reports self-test failure for remote consoles operating at less than 9600 baud.

Cause:

There is a bug in the ASI self-test routine.

Signed off 04/18/83 in release B05.00

KPR #: 4700026922 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:

ERROR 2 using spool files

Problem:

The simple program  
10 PRINTER IS "X"

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20 GOTO 10  
can get an ERROR 2 (out of memory.)

Cause:  
Execution of a PRINTER IS "filename" statement results in an execution stack entry that is not deleted. As a result, memory is lost everytime the statement is executed within the same program.

Signed off 04/18/83 in release B05.00

KPR #: 4700027185 Product: OS-REV B 45230A 04.02

Keywords: PRINTER

One-line description:  
2608 expanded print sequence inside loop causes error

Problem:  
When a 2608 is in expanded print mode and you execute multiple PRINTER IS statements running a program you can get an ERROR 133. If you then type CONT you could get a system error.

Cause:  
HP1B timing problem due to the printer being in expanded print mode.

Temporary solution:  
Put a WAIT statement in before the PRINTER IS statement. The duration of the WAIT is dependent upon the actual text sent to the printer before the PRINTER IS.

Signed off 04/18/83 in release B05.00

KPR #: 4700027300 Product: OS-REV B 45230A 04.02

Keywords: PRINTER

One-line description:  
ERROR 133 with 2601 & 2631B on RS-232

Problem:  
Getting ERROR 133 trying to PRINT to a 2601 or 2631B on RS-232. Occurs after loading the OS after changing the configuration for the port the printer is on.

Cause:  
When a port is configured as a WORKSTATION and then changed to be a PRINTER, RFIG does not properly clear all fields containing configuration information for the port. When the OS initializes ports during power-up, incorrect configuration information is found and the port for the printer is not set up correctly. This results in an ERROR 133 when trying to PRINT to that printer. The error will occur until the configuration for the port is changed in such a way that the extraneous information is cleared.

Signed off 04/18/83 in release B05.00

KPR #: 4700027334 Product: OS-REV B 45230A 04.02

Keywords: PRINTER

One-line description:  
Line drawing characters on 2601 & 2631B on RS-232 not printed as blanks.

Problem:  
2601 and 2631B on RS-232 print Roman Extension characters instead of blanks for the non-printable line drawing characters.

Cause:  
When the printer driver received the character to indicate to switch to the line drawing set, it did not set a flag to indicate to substitute blanks for the 2601 and 2631B on RS-232. Therefore, the line drawing characters were treated as if they were Roman Extension characters.

Signed off 04/18/83 in release B05.00

KPR #: 4700027342 Product: OS-REV B 45230A 04.02

Keywords: PRINTER

One-line description:  
2601A prints n-tilda wrong with German keyboard

Problem:  
With German main keyboard a lower case n-tilda is printed as lower case n with a beta overstrike.

Cause:  
The character mapping in the P2601 DROM is incorrect for the lower case n-tilda for German.

Fix information:  
Lower case n-tilda will be printed as a lower case n for German. (The tilda is not available on the German printwheel.)

Signed off 04/18/83 in release B05.00

KPR #: 4700027359 Product: OS-REV B 45230A 04.02

Keywords: GPL

One-line description:  
GPLLOD gives ERROR 19 if more than 7 volumes are mounted

Problem:  
GPLLOD gives ERROR 19 if more than 7 volumes are available when the program is run.

Cause:  
A variable was spelled wrong resulting in an ON I GOTO statement to be executed with an improper value. The program was designed to allow only 7 volumes to be selected, but should not have resulted in an error if more than 7 volumes were available.





Temporary solution:  
Shut off 1 or more disc drives if more than 7 volumes are on the system while running GFLLOD.

Fix information:  
Will be fixed to handle and allow selection of up to 10 volumes (which is the OS maximum.)

Signed off 04/18/83 in release B05.00

KPR #: 4700027862 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
LK3000 - improper REQUESTing of devices without RELEASing them

Problem:  
Entering the wrong port number when asked by LK3000 will REQUEST the device but not RELEASE it.

Cause:  
Programming oversight. If the program returns the error message indicating that the port is not a COMPUTER then it should have RELEASED that device before continuing on.

Signed off 04/18/83 in release B05.00

KPR #: 4700028001 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
PROGRAM LEVEL REVISION CONFLICT when running FVBACK overlay directly

Problem:  
If one of FVBACK's overlays is run directly then it prints out the erroneous message PROGRAM LEVEL REVISION CONFLICT and terminates. It should just load the main and run normally.

Cause:  
The check for revision is made before the check for not running the main and in this case would cause that error message because the variable containing the revision is null.

Fix information:  
It can be fixed by simply checking that the overlay was not run before checking for revision compatibility.

Signed off 04/18/83 in release B05.00

KPR #: 4700028951 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:  
Default MSI specifier can get garbaged

- OS-REV B -

Problem:  
Default MSI specifier can become garbaged.

Cause:  
When DROM overflow is in USRID 1 block on a model 35 and USRID 1 is assigned to the integrated workstation the default MSI specifier is read from the wrong place.

Temporary solution:  
Don't configure DROM overflow in USRID 1's memory block.

Signed off 04/18/83 in release B05.00

KPR #: 4700028969 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
LK3000 doesn't accept HP3000 MPE group/account qualifier

Problem:  
LK3000 will not accept the HP3000 MPE group/account qualifier on file names it passes to the HP3000 during transfers to and from the HP3000. The fact that this has happened is not at all obvious. This means that files can only be transferred to and from the group the user has logged onto.

Cause:

The HP3000 MPE group/account qualifier is stripped from HP3000 file names by LK3000.

Signed off 04/18/83 in release B05.00

KPR #: 4700028977 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:  
SHIFT-HOME after a SORT can cause system error

Problem:  
When the first line of the screen is empty, a SHIFT-HOME after doing a SORT may cause a system error.

Cause:

The CRT driver incorrectly checks one byte before the start of the CRT when a SHIFT-HOME is done and the first line is empty. Normally this byte is ignored, but the SORT DROM can set it to a value that the driver interprets as a valid message terminator.

Temporary solution:

Make sure the first line of the CRT is not empty before doing a SHIFT-HOME.

Signed off 04/18/83 in release B05.00

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KPR #: 4700028985 Product: OS-REV B

45230A

04.02

Keywords: TIO

One-line description:  
TIO BREAK condition can cause system error

Problem:  
ON BREAK interrupts can cause system errors if they occur when TIO is doing output.

Cause:  
The TIO ON BREAK interrupt driver fails to clear the output buffer before switching to the output state.

Signed off 04/18/83 in release B05.00

KPR #: 4700029009 Product: OS-REV B

45230A

04.02

Keywords: MEDIA

One-line description:  
ASCII to EBCDIC conversions are incorrect

Problem:  
ASCII to EBCDIC conversion of European characters is incorrect.

Cause:  
There are seven errors in the internal conversion table in the MEDIA DRUM.

Signed off 04/18/83 in release B05.00

KPR #: 4700029025 Product: OS-REV B

45230A

04.02

Keywords: OS

One-line description:  
System can read wrong data from 7906M, S

Problem:  
Operating system can read wrong data from 7906M or 7906S.

Cause:  
The disc driver attempts to optimize soft error retries by retrying the operation at the point of the error. On a 7906M or S the error can occur two or three sectors after the completion of the transfer. The disc driver fails to check for this situation resulting in incorrect data if the retry is successful. This is a very rare situation.

Temporary solution:  
Have the disc aligned frequently to reduce the soft error rate.

Signed off 04/18/83 in release B05.00

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KPR #: 4700038505 Product: OS-REV B

45230A

04.02

Keywords: UTIL OS

One-line description:  
ERROR 77 accessing CS'80 disc by label after power-up

Problem:  
On the first access to a CS'80 disc that has a tape, if the access is by volume label and neither the tape nor the disc has been previously accessed, an ERROR 77 will occur.

Cause:  
When the OS searches the device table looking for the volume label and finds neither the tape nor the disc has been accessed, it updates the information by accessing the tape. In the process, the disc is also updated. However, the search routine did not expect the disc entry to also be updated, so the entry is ignored. Therefore, the volume label is not found, and an ERROR 77 is issued.

Temporary solution:

Access the disc by device specifier rather than by volume label on its first access, or retry the access that gave the ERROR 77.

KPR #: 999006033 Product: OS-REV B

45230A

03.97

Keywords: OS UTIL

One-line description:  
Problem with DUPL if softkey pressed too soon

Problem:  
When running DUPL, if a softkey defining a source or destination device is pressed before all the keys are defined then an error 153 will occur.

Cause:  
This happens because of the particular construct that was used in the routine that defines and labels the softkeys: A LOOP/LOOPEND surrounded a GOSUB that actually defined and labelled the softkeys. If a softkey was pressed before the RETURN from the GOSUB was executed, i.e., before all the keys are defined, then the program attempted to execute an EXIT IF statement to get out of the loop. BASIC thinks it is still in a subroutine and will not allow the structured construct statement EXIT IF to be executed - ERROR 153.

Temporary solution:

Wait until all softkeys are defined before pressing any keys.

Fix information:  
The problem in DUPL and any other program that might have this problem can be fixed by DISABLING softkey interrupts on entry to the subroutine and then ENABLING them after RETURNING to the main loop code.

Signed off 04/18/83 in release B05.00

KPR #: 9999006036 Product: OS-REV B

45230A

04.00

Keywords: GPL

One-line description:  
GPLLOD does not copy GPL241 to destination

Problem:  
GPLLOD does not copy the file GPL241 to the destination.

Cause:  
The file GPL241 was erroneously included as a part of GPL. It is not needed which is why GPLLOD did not copy it.

Fix information:  
The file GPL241 will be deleted for the next release. The names of the files which are a part of GPL may change as fixes and enhancements are made to the product.

Signed off 04/18/83 in release B05.00

KPR #: 9999006038 Product: OS-REV B

45230A

04.00

Keywords: IMAGE

One-line description:

Problems with data base locking

Cause:

Problem occurs when at least two sessions are performing predicate locks on two data sets (modes 5 & 6) and a third session attempts an entire DB lock (mode 1.) The third session is awaiting a lock and is interrupted with a shift-halt. When that session returns the DB lock program an ERROR 1002 results and the system may be hung.

KPR #: 9999006044 Product: OS-REV B

45230A

04.00

Keywords: BASIC

One-line description:

FCOPY with TRACE to spool file causes system hang

Problem:

When the SYSTEM PRINTER IS a spool file and TRACE ALL is on, a READ LABEL A\$(\*) statement will give an ERROR 65 or other nonsensical result.

Cause:

The spooler and the READ LABEL statement both use the arithmetic temps stack for temporary storage. When TRACE ALL is on, the spooler gets called during execution of the READ LABEL and clobbers everything READ LABEL has accomplished. The results are not easily predictable, but ERROR 65's and hangs are very possible.

Temporary solution:

There is no workaround.

Signed off 04/18/83 in release B05.00

KPR #: 9999006212 Product: OS-REV B

45230A

04.00

Keywords: OS

One-line description:

LOADING a program while an ON DELAY statement is active causes a SYSERR

Problem:

System error when loading a program while ON DELAY is active.

Cause:

The ON DELAY statement and TIO ON conditions are not deactivated correctly under some conditions. An example is that ON DELAY is shut off when a GET is done. This can be disastrous because the ON DELAY refers to the program that WAS in memory. Similar problems exist with other statements and use of the ON conditions.

Fix information:

The problem is solved by re-writing the termination routines in the TIO and TIMER DROMs. From now on, ON DELAY and TIO ON conditions are deactivated by the following conditions: (1) STOP or END. (2) Program pre-run. (3) Any SCRATCH condition (can be caused by GET, RUN, LOAD, etc., or executed explicitly.)

Signed off 04/18/83 in release B05.00

KPR #: 9999006260 Product: OS-REV B

45230A

04.00

Keywords: IMAGE

One-line description:

Successive DBSTORE/DBPURGE/DBRESTORE takes increasingly longer time

Problem:

Successive DBPURGE's take increasingly longer times.

Cause:

The DBPURGE statement will output a blank line to the CRT even when running programmatically. If many DBPURGE's are done in sequence from a program, the blank lines will start to take up CRT buffer space and the time to do the DBPURGE's will increase.

Fix information:

Fixed in the IMAGEU DROM and DBUTIL binary.

Signed off 04/18/83 in release B05.00

KPR #: 9999006285 Product: OS-REV B

45230A

04.02

Keywords: IMAGE

UTIL

One-line description:

DBLOAD/DBUNLD do not check for error 204's

Problem:

DBLOAD/DBUNLD quit when encountering broken chains or ERROR 204's.

longer there. When the first user accesses the disc the OS hangs the user waiting for the disc to respond. Other users trying to access the disc are in a queue waiting for the first user's command to finish.

Temporary solution:  
Don't remove discs from the system while it is running.

KPR #: 9999006320 Product: OS-REV B 45230A 04.02

Keywords: IMAGE

One-line description:  
System error with DBPURGE of non-existent data base

Problem:  
Executing a DBPURGE with the "\*" option on a non-existent data base may cause a system error.

Cause:  
Internal files table pointer not initialized at start of DBPURGE statement.

Temporary solution:  
SCRATCH A or CONTROL-HALT before executing a DBPURGE statement with "\*" option.

Signed off 04/18/83 in release B05.00

KPR #: 9999006325 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
PF09M should load overlays from load device

Problem:  
PF09M does not load its overlays from MSI or LOAD device.

Cause:  
PF09M, like some other utilities, determines what device to load its overlays from by doing a READ LABEL and then searching through the devices in order until it finds one that has the file it is looking for. The user cannot change the order in which this is done. If another device has another version of PF09M on it that is incompatible then an ERROR 999 will result.

Temporary solution:  
Do not keep more than one version of any program on the system.

Fix information:  
The next version of PF09M, and all other utilities, will always load overlays, (and forms, data files, etc.) from the device the program was originally RUN from, i.e. if RUN "PF09M:Q" then all subsequent loads will be done from the ":Q" disc.

Signed off 04/18/83 in release B05.00

Cause:  
Error handling routines did not check for these conditions.

Temporary solution:  
For a broken chain error you could do a serial unload of the data base. There is no workaround for ERROR 204's.

Signed off 04/18/83 in release B05.00

KPR #: 9999006293 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
XCOPY does not recover properly from ERROR 88

Problem:  
The XCOPY statement will not attempt to purge the destination file if an error occurs during the copy operation. This is unlike the COPY statement.

Fix information:  
The new version will purge the destination file even if XCOPY is used in REPLACE mode.

Signed off 04/18/83 in release B05.00

KPR #: 9999006302 Product: OS-REV B 45230A 04.00

Keywords: QUERY

One-line description:  
QUERY will not accept a negative number in the FIND command.

Cause:  
QUERY did not recognize a negative number because a table pointer containing all the symbols that can be input as part of a command string bypassed the negative sign.

Signed off 04/18/83 in release B05.00

KPR #: 9999006314 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
System hangs accessing disc drive which has been powered off.

Problem:  
When a disc has been powered on and recognized by the system and is then powered off or disconnected, any user that accesses that disc will hang.

Cause:  
When a disc is present on the system the OS makes an entry into a table. When the disc is then powered off or disconnected the entry remains in the table since there is no way for the OS to know that the disc is no

KPR #: 9999006326 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
DBUNLD should load overlays from the load device

Problem:  
DBUNLD does not load its overlays from MSI or LOAD device.

Cause:  
DBUNLD, like some other utilities, determines what device to load its overlays from by doing a READ LABEL and then searching through the devices in order until it finds one that has the file it is looking for. The user cannot change the order in which this is done. If another device has another version of DBUNLD on it that is incompatible then an ERROR 999 will result.

Temporary solution:  
Do not keep more than one version of any program on the system.

Fix information:  
The next version of DBUNLD, and all other utilities, will always load overlays, (and forms, data files, etc..) from the device the program was originally RUN from, i.e., if RUN "DBUNLD:Q" then all subsequent loads will be done from the ":Q" disc.

Signed off 04/18/83 in release B05.00

KPR #: 9999006327 Product: OS-REV B 45230A 04.00

Keywords: OS BASIC

One-line description:  
Negative sign not printed when output <.1 and floating specifier used

Problem:  
When using a floating specifier in an image format and the output is negative and less than the absolute value of .1 then the negative sign is not printed. For example:  
10 DISP USING.D1; .09  
20 DI: IMAGE "\$"3D.DD -----> the result will be displayed as \$.09.

Temporary solution:  
Use the S specifier, e.g.,  
20 DI: IMAGE "\$"S3D.DD

KPR #: 9999006345 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:  
System error doing UNPACK while TRACE is on

Problem:  
TRACE does not trace PACK USING correctly.

Cause:  
The destination variable in the PACK USING statement is not correctly traced by the TRACE ALL or TRACE VARIABLES. Usually, garbage is displayed instead of the variable name.  
Signed off 04/18/83 in release B05.00

KPR #: 9999006356 Product: OS-REV B 45230A 04.02

Keywords: UTIL

One-line description:  
"Total sectors required" value in SCHEMA printout cannot exceed 5 digits

Problem:  
If a data base has more than 99,999 total sectors it will not be displayed correctly at the end of the table printed by SCHEMA.

Cause:  
The IMAGE statement in SCHEMA did not allow for over five digits.

Signed off 04/18/83 in release B05.00

KPR #: 9999006466 Product: OS-REV B 45230A 04.00

Keywords: BASIC

One-line description:  
ASSIGN # does not deactivate previous ON END #

Problem:  
ON END not deactivated by ASSIGN.

Cause:  
The ON END# condition is not deactivated by the ASSIGN# statement.

Fix information:  
WARNING: Fixing this could cause some programs to no longer work because they took advantage of the bug.

Signed off 04/18/83 in release B05.00

KPR #: 9999006481 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
System error when scrolling cursor while ON DELAY is active

Problem:  
System errors when scrolling the screen while ON DELAY is active.

Cause:  
The RIO DROM occasionally puts a task into a psuedo-switched out state. This state is only recognized by RIO and to other functions it looks as

though the task is idle. The task will generally get into this state when the user is scrolling the screen. Asynchronous events that can set the task's state ready will be unable to recognize the pseudo-switched out state and will go ahead and set the state ready. A system error will be the immediate result when this happens. The types of asynchronous events that can cause this are: ON DELAY, tape UNLOAD button, TIO ON conditions and CS/250 ON conditions.

Signed off 04/18/83 in release B05.00

KPR #: 9999300429 Product: OS-REV B 45230A 04.00

Keywords: BASIC

One-line description:  
UPC\$ function does not work properly with Roman extension characters

Problem:  
UPC\$ function does not work correctly with Swedish character set.

Cause:  
The UPPER/LOWER case table is wrong.

Signed off 04/18/83 in release B05.00

KPR #: 9999300451 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
System hang with PRINT SPA(FNA(X))

Problem:  
PRINT SPA(function) crashes system.

Cause:  
The temps used when an error occurs in calling a multi-line function during evaluation of a parameter for TAB, LIN or SPA are clobbered but not restored.

Fix information:  
Different temps will be used.  
Signed off 04/18/83 in release B05.00

KPR #: 9999300465 Product: OS-REV B 45230A 04.00

Keywords: BASIC

One-line description:  
System hang PACKing a string into itself

Problem:  
The problem is not one of PACKing a string into itself, but will happen anytime a substring is used as the source string and the length of the source string is less than the first character position specified by the

substring.

Cause:  
There is an incorrect calculation that is used in the PACK DROM. The intention is to calculate the number of blank characters that must be generated because the end character of the source string is greater than the current length. The calculation does not take into account the fact that a substring may have been specified and thus the correct length should not be used if it is less than the beginning character of the source string.

Fix information:  
The actual calculation should be like this:  
Pad\_amount=End\_char-MAX(Current\_length,beg\_char-1)

Signed off 04/18/83 in release B05.00

KPR #: 9999300475 Product: OS-REV B 45230A 04.02

Keywords: REPORT

One-line description:  
Left margin is not reset after using Report Writer

Problem:  
When using Report Writer, the left margin is not reset after a report is sent to the SPooler or to a printer on device address 11 through 20.

Cause:  
When the left margin table is cleared by the REPORT DROM, only entries for addresses 0 through 10 are cleared.

Temporary solution:  
By running the following program, the left margin can be reset to column 2 (it cannot be reset to column 1):

```
10 A: REPORT HEADER WITH 1 LINES
20 LEFT MARGIN 2
30 END REPORT DESCRIPTION
40 BEGIN REPORT A
50 STOP REPORT
60 END
```

KPR #: 9999300482 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:  
System error if line 35 follows OFF KEY # 1 statement

Problem:  
A system error occurs when line number 35 follows an OFF KEY # statement.

Cause:  
OFF KEY and ON KEY share some common key number evaluation code. The line number 35 is also the ASCII representation of the character '#.'

The routine in question thinks that another key number follows even though one doesn't.

Temporary solution:

Don't have line number 35 follow an OFF KEY # statement.

Fix information:

The solution is to check for end of line before checking for the '#.'

Signed off 04/18/83 in release B05.00

KPR #: 9999300488 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:

EVBACK fails if European characters are used in the comment

Problem:

If European characters are used in the comment field during the backup phase the program will fail with an ERROR 20.

Cause:

The algorithm used to pack the characters is incorrect.

Temporary solution:

Don't use European characters.

Signed off 04/18/83 in release B05.00

KPR #: 9999300495 Product: OS-REV B 45230A 04.00

Keywords: IMAGE

One-line description:

LIST following improper DBOPEN causes system crash

Problem:

'LIST' following a DBOPEN with zero or negative MODE value can cause a system crash.

Cause:

DBOPEN incorrectly releases dynamic buffers when improper negative MODE is used.

Temporary solution:

Make sure MODE value is greater than zero.

Signed off 04/18/83 in release B05.00

KPR #: 9999300515 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:

Problems with 2622D thermal printer

Problem: Start printing to a local printer from a primary task, ATTACH to a secondary task, DETACH, and the workstation hangs.

Cause:

RIO DROM did not cover the case when printing to the local printer was occurring and secondary task had ownership of the console. This resulted in RIO branching to an invalid location.

Temporary solution:

Allow all printing to the local printer to complete before ATTACHing to the secondary task.

Fix information:

An error will be returned on the next release of the operating system if printing is attempted while the workstation is ATTACHED to the secondary task.

Signed off 04/18/83 in release B05.00

KPR #: 9999300547 Product: OS-REV B 45230A 04.02

Keywords: OS

One-line description:

ERROR 1004 when line 34 is an ON KEY # statement w/o key label

Problem:

If an ON KEY # statement without a key label is followed by line 35, the system will crash when the program is listed.

Cause:

The ON KEY # lister checks for end-of-line AFTER checking for another '#.' This is very similar to SR#9999-300482, but is a different problem.

Temporary solution:

Don't have an ON KEY # statement in the line before line 35 without a key label.

Fix information:

The solution is to simply interchange the checks.

Signed off 04/18/83 in release B05.00

KPR #: 9999300664 Product: OS-REV B 45230A 02.04

Keywords: BASIC

One-line description:

Spool file Error 20/Error 144 on PRINTER IS "XXXXXX" when SIZE >32K

Problem:

When the SIZE parameter is included in a PRINTER IS "XXXXXX" statement, if the SIZE value exceeds 32767 an ERROR 20 is issued. If a PRINTER IS "XXXXXX" statement is executed and the file already exists, an ERROR

144 is issued if the file size exceeds 32767 records. However, if a file smaller than 32768 records exists or is created, the SPOOLer will allow expanded the file beyond 32767 records.

Cause: If the SIZE parameter is specified, the OS treats the value as a 16 bit signed integer, so values greater than 32767 are invalid integers giving ERROR 20. When an existing file is used, the OS checks the file size to be sure it is greater than 5 records (the minimum size for a SPOOL file). However, it treats the size again as a 16 bit signed integer, so values between 32768 and 65535 are thought to be negative numbers between -32767 and -1 (all less than 5), resulting in ERROR 144.

Temporary solution:

Do not try to append to a spool file that exists if it is greater than 32767 records in size. Instead, use a second SPOOL file. If you need a SPOOL file greater than 32767 records, create it with less than 32767 records (or use one that exists that is small) and let the OS expand it beyond 32767 records.

KPR #: 4700043182 Product: OS-REV B

45230B

Keywords: UTIL

One-line description:  
ERROR 0 when attempting to restore from an FVBACK file

Problem:  
Cannot recover from FVBACK backup files if one or more spaces are embedded in the filename supplied during the backup portion. This will only occur if more than one backup file is necessary to accomplish the backup, i.e., from a 7911 or 7912 that is relatively full. An 'ERROR 0, BACKUP FILE xxxxxx IS NOT ON dddddd'-type message will be output.

Cause:  
When FVBACK is creating the backup files during the backup phase it will drop the sixth character of the filename supplied and append a number to it to name the additional files needed. In this case the space(s) are significant. But when actually building the file the system strips out the space(s) and creates the file. During recovery, unless the space(s) are again supplied, the filenames will not match.

Temporary solution:

The backup files can be RENAMED to match what FVBACK expects them to be. For example, if the backup filename supplied was "FVB KU" (note the space, which could be anywhere,) then the four actual files would be named FVBKU, FVBK2, FVBK3 and FVBK4. If the name supplied during recovery is "FVBKU", as it logically would be, FVBACK will expect to find the additional files FVBKU2, FVBKU3 and FVBKU4.

KPR #: 4700044297 Product: OS-REV B

45230B

Keywords: OS

One-line description:  
Control-shift-clear does not always really clear the screen

Problem:  
When a control-shift-clear is executed it should home the cursor and clear the screen. In some intermittent cases the screen will appear clear but there will still be some characters in the CRT buffer which can cause an error if a command is entered on the first line.



KPR #: 9999004754 Product: AP/GL 45199A

06.02

Keywords: HPGL

One-line description:  
Page overflow.

Problem:  
Printing a report of a certain length could cause a page overflow error.

Cause:  
The 'PRINT PAGE' command performs a carriage return and a line feed.

Temporary solution:

Adding a semicolon after the 'PRINT PAGE' command will suppress the line feed. Add a semi colon in the following programs:

```
-----  
GLTR6 2000 PRINT PAGE;  
GLUTL1 2650 Con:PRINT PAGE;  
APUTL2 2610 PRINT PAGE;
```

Fix information:  
Will be fixed in version A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004828 Product: AP/GL 45199A

06.02

Keywords: HPGL

One-line description:  
Problem with page numbers on posting journal in GL.

Problem:  
A problem arises when the last page of the posting journal in GL consists of only the company totals of debits and credits. The subsequent posting journal's first page will have the same journal page number as the last journal page number of the previous posting journal.

Cause:  
When the last journal page of a posting journal consists of only total's of debits and credits, the journal page is not incremented before it is stored.

Temporary solution:  
This problem brought up the issue that the total debits and credits of the entire company do not relate to any one entity and should not be associated with a journal page number. Therefore the posting journal will now be forced to print the company's total debits and credits on a separate page with no associated journal page number. The following code changes are necessary in program "GLTR7P":  
Note: These lines should be added or modified to look as they are here.

LINE NO.  
1200 INTEGER S(0:9),Commo,Comperiod,Comjnlpg,Compage,End\_report

```
3280 TRIGGER PAGE BREAK  
3300 PAGE TRAILER WITH 2 LINES  
3302 IF (LAST BREAK <> 10) OR NOT End_report THEN  
3304 PRINT USING Ptrail:OLDCV(2),Jnlpage,NUMPAGE  
3310 Jnlpage=Jnlpage + 1  
3312 IF LAST BREAK =10 THEN End_report =1  
3314 ELSE  
3316 PRINT USING Etrail; NUMPAGE  
3318 End_report =0  
3320 END IF  
3322 !
```

3495 Etrail: IMAGE "END OF REPORT - TOTALS FOR ENTIRE COMPANY", 69X,  
"Page:", 3D

Fix information:  
Will be fixed in version A.07.00

Signed off 02/25/82 in release 06.03

KPR #: 9999005027 Product: AP/GL 45199A

06.02

Keywords: HPGL

One-line description:  
Problem in FNSet\_printer function of GL

Problem:  
If one redesigned FIN to allow a report to output to the CRT, and a subsequent report (with no CRT option) is to be printed, an error will result.

Cause:  
There is no bug in the system as it stands because none of the FIN reports have the CRT as an output option. But if redesigned, on the subsequent report, it will try to output to the CRT (due to being set previously), will not find the CRT as an option and error out.

Temporary solution:  
Program Line

```
GLUTL1 2515 I=Nprinter  
2520 WHILE I AND Printer<>NUM(Dev$(I))[19]  
2530 I=I-1  
APUTL2 2415 I=Numprt  
2420 WHILE I AND Prt<>NUM(Device$(I))[19]  
2430 I=I-1
```

Fix information:  
Will be fixed in A.07.00

Signed off 02/25/82 in release 06.03

KPR #: 9999005051 Product: AP/GL 45199A 06.02

Keywords: HPGL

One-line description:  
Cost center balances in error when adding new cost centers

Problem:  
When adding a new cost center to an account and other cost centers with balances exist, the new account/cost center will have the balance of the previous cost center.

Cause:  
Need to re-initialize account balance variables.

Temporary solution:  
Add these lines of code to program GLMT2:  
2032 Balprybeg=Balcuybeg=Accexpy=Accexcy=Accpage=0  
2034 FOR I=1 TO 13  
2036 Balpryam(I)=Balcuyamt(I)=0  
2038 NEXT I

Fix information:  
Will be fixed in A.07.00.

Signed off 02/25/82 in release 06.03

KPR #: 9999005361 Product: AP/GL 45199A 06.02

Keywords: GLD0C

One-line description:  
Error in GL Documentation

Problem:  
On page 5-3 of this manual, there is a screen showing what GL module items to enter (exactly as shown). The answer N to the question "Include in System Back-up? (Y/N)" is wrong. The correct response to this question is "y" for yes, so that the GL module is included in the system back-up.

Fix information:  
This correction will be made when the GL Implementation Guide is updated.

KPR #: 9999005387 Product: AP/GL 45199A 06.02

Keywords: HPAR

One-line description:  
Problem in AR POST if another user in AP or GL

Problem:  
The POST function in the Accounts Receivable module requires exclusive access to the system. If the AR POST function is attempted while another user is in AP or GL it should not be allowed to continue unless users in other modules have

exited.

The problem is that in certain situations the AR POST is mistakenly allowed to run while there is a user in AP or GL. When this happens many different errors can result based on what the user in AP or GL is doing while the POST is taking place.

Temporary solution:  
The solution to this problem is to properly enforce the exclusive access requirement of the AR POST function. This solution requires the modifying of one line of code in program ARPSTO. The line to modify is 1507 of program ARPSTO in released version A.06.02 of FIN/250. It currently reads as follows:

```
1507 I=FNLockout_fin(1001)
```

It should be replaced with the following line:

```
1507 IF FNLockout_fin(1001) THEN Exit
```

Fix information:  
To be fixed in release 7.0.

Signed off 02/25/82 in release 07.00

KPR #: 9999005531 Product: AP/GL 45199A 06.02

Keywords: HPCM

One-line description:  
Problem with YEND close if GL is configured

Problem:  
When any module, excluding General Ledger, is configured for module year-end processing and General Ledger is configured for year-end processing there can be a problem. The Module year-end close and the General Ledger close both update the closing dates. We end up closing two years (XX/31/80 and XX/31/82).

Cause:  
Module year-end processing should not update the closing dates when General Ledger is configured for year-end processing. The logic in program "HP250C", the month-end and year-end process driver, needs to be modified.

Temporary solution:  
Modifying one line of program "HP250C" will eliminate this problem. The line to be modified is several lines after the label "yendi". In the 6.02 version of the released code the line to be modified is numbered 1690. this:  
Line 1690 currently looks like this:

```
1690 IF Config(7)>2 THEN Exit
```

It should be modified to read as follows:

IF Config(7)>0 THEN Exit

Fix information:  
To be fixed in release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005540 Product: AP/GL 45199A 06.02

Keywords: HPAP

One-line description:  
Problem with MEND in AP

Problem:  
In those sections of APMEND which zero-out MTD taxes and vendor MTD purchases, the program does not adequately process a data base status code indicating directed end of file, i.e., S(0)=13.

Temporary solution:  
Modify the indicated lines of code in program APMEND as shown:  
1840 IF S(0)<>17 THEN IF S(0)<>13 THEN GOSUB Dberr  
2030 IF S(0)<>17 THEN IF X(0)<>13 THEN GOSUB Dberr

Fix information:  
To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005607 Product: AP/GL 45199A 06.02

Keywords: HPAP

One-line description:  
Cash Requirements Report does not include Debit Memos

Problem:  
The program which generates the CASH REQUIREMENT REPORT does not take into consideration DEBIT MEMOS when determining Required Cash Net due.

Temporary solution:  
The program "APCR08" needs to be modified. See your SE for specific changes sent out in SE Note #31.

Fix information:  
To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005674 Product: AP/GL 45199A 06.02

Keywords: HPAP

One-line description:  
Incorrect page breaks in AP report

Problem:  
When run for the ENTIRE COMPANY the GL TRANSACTION RECAP REPORT prints a separate page with totals for every transaction beginning with the transactions for the second entity being processed. Additionally, the totals line incorrectly states that the GL Transactions are for Entity 0.

Temporary solution:  
Modify the following line in program APGLRP as follows:  
2110 IF LAST BREAK=10 THEN Ent=0

Fix information:  
To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005685 Product: AP/GL 45199A 06.02

Keywords: HPAP

One-line description:  
Problem when using leading blanks in vendor number

Problem:  
In both the CASH and CHECK PAYMENT functions of AP MANUAL PAYMENT processing the user is required to supply a vendor number. If the vendor number is not left justified on the screen input field, subsequent processing will fail with data base error 17 in line 1430 of program "APCJ".

Cause:  
The string representing vendor number is not being TRIMed before it is printed to the work file "APwf5x". Later, in program "APCJ", the value that is read from this file becomes an invalid argument in data base operations because it is left-padded with one or more blanks.

Temporary solution:  
Add to program "APCSH1" the lines indicated:  
2095 X\$(I+1)[1,8]-TRIM\$(X\$(I+1))  
2955 X\$(2)[1,8]-TRIM\$(X\$(2))

Fix information:  
To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005738 Product: AP/GL 45199A 06.02

Keywords: HPAP

One-line description:  
Error 59 when printing preliminary check register

Problem:  
Workfile overflow in program "APCKRG".

Cause:  
 In the program "APCKRG", the workfiles "APwf3\_" and "APsf4\_" are each built to a size based on the capacity of a previously established workfile "APwf1\_". Sometimes "APwf3\_" is built too small because of the following logic failure. The size of the source workfile, "APwf1\_", is determined using the SIZE function, which for the case of a workfile returns the number of disc sectors occupied, rather than the number of logical records in the file. The needed capacity should instead be determined by another method, e.g. use of the WFLFN function which returns the length of a workfile in logical records.

Temporary solution:  
 Modify program "APCKRG" as follows:  
 1930 IF FNWORK(Fiel\$(1),(Vol\$(1)[2],WFLFN(1),28,#4) THEN Noroom  
 2310 IF FNWORK(Fiel\$(2),(Vol\$(1)[2],Ent\_cnt+WFLFN(1),28,#3)  
 THEN Noroom

Fix information:  
 To be fixed in Release A.07.00  
 Signed off 02/25/82 in release 07.00

KPR #: 9999005803 Product: AP/GL 45199A 06.02

Keywords: HPAP  
 One-line description:  
 Address line 4 in Vendor info does not print out

Problem:  
 Line #4 of the Vendor Address does not print on the Accounts Payable Vendor History and 1099 Reports.

Temporary solution:  
 Change the indicated lines in the following programs:  
 Program "APVR06"  
 1770 IF Line4\$(1,1)="4" THEN DETAIL LINE 0 USING D2;Line4\$(2,30)  
 Program "APVR07"  
 1840 IF Line4\$(1,1)="4" THEN DETAIL LINE 0 USING D2;Line4\$(2,30)

Fix information:  
 To be fixed in Release A.07.00  
 Signed off 02/25/82 in release 07.00

KPR #: 9999005813 Product: AP/GL 45199A 06.02

Keywords: HPAP  
 One-line description:  
 Incorrect total in Cash Disbursements Journal

Problem:  
 Improper totals on report for the condition of multiple checks for single vendor.

Temporary solution:

Modify program "APCJ" to read as follows:  
 1550 IF Rpt=3 THEN PRINT USING Tri:VAL\$(OLDVCV(4)),  
 RPT\$(" ",12-LEN(VAL\$(OLDVCV(4))),TOTAL(4,1),TOTAL  
 (4,2),TOTAL(4,3))

Fix information:  
 To be fixed in Release A.07.00  
 Signed off 03/30/82 in release 07.00

KPR #: 9999005814 Product: AP/GL 45199A 06.02

Keywords: HPAP  
 One-line description:  
 Error 32 in Manual Check entering in AP

Problem:  
 Accounts Payable manual check routine fails to correctly process a blank Discount Earned field on the 12th and final invoice of a check.

Cause:  
 The FOR/NEXT routine makes only 11 passes instead of the required 12.

Temporary solution:  
 Modify line 2390 of program "APCSH1" to read:  
 FOR A=4 to 39 STEP 1.5

Fix information:  
 To be fixed in Release A.07.00  
 Signed off 02/25/82 in release 07.00

KPR #: 9999005840 Product: AP/GL 45199A 06.02

Keywords: HPGL  
 One-line description:  
 Problem with migrating secondaries when duplicating entities

Problem:  
 When using the special functions in General Ledger to copy the chart of accounts information from one entity to another, some of the accounts would not have the same type and description as they had in the first entity. The cost center information when copied from one entity to another can have similar results. Both of these activities are essential to the DUPLICATE ENTITY special function of General Ledger.

Cause:  
 Both discrepancies are related to the migrating secondary feature of the IMAGE data base system. Both the Chart of Accounts and Cost Centers are stored in a manner that employs manual master data sets. The DUPLICATE ENTITY function involves directed reads to these manual masters using workfiles created using SORT/250. This is not

a problem as long as there are no additions or deletions to the manual master involved between the time of the workfile creation and when directed reads are done. However, any addition or deletion from the manual master involved can result in the moving of a secondary entry in the manual master and this invalidates the record pointers stored in the workfile.

Temporary solution:

The way to programmatically circumvent this hazard is to only access manual master data sets in the calculated mode using the key item value as the argument to a calculated read. This will ensure that the read attempt will always hash to the correct entry even if there are migrating secondaries in the data set.

The only way to non-programmatically circumvent this hazard is to refrain from using the DUPLICATE ENTITY special function. This implies that the data for each entity be entered manually into the system.

Fix information:

To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005860 Product: AP/GL 45199A 06.02

Keywords: HPCM

One-line description:

Problem when modifying passwords

Problem:

In one version of the form "HPfm03" too many output fields are present causing the MANAGER and module passwords to be incorrectly displayed.

Cause:

The form "HPfm03" was updated at the time data base maintenance word processing was eliminated from the Control Module (program HP2505). The updated form was released on the object code diskette "HP". The original version of the form that also appeared on the source code volume "hp" did not get corrected with Release A.06.02.

Temporary solution:

Install and use only the version of form "HPfm03" that is found on the volume "HP".

Fix information:

To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005861 Product: AP/GL 45199A

06.02

Keywords: HPGL

One-line description:

Error 239 in Subsystem Transfer

Problem:

In program GLTR6 a workfile is created with insufficient space.

Cause:

Total field lengths of the variables on which the sort is to be performed is too small; specified at 18 instead of 20.

Temporary solution:

Modify the indicated line in program "GLTR6" to read:  
1770 IF FNCcreate.wf(Gltran\$,Glset\$(10),Buf\$,wfs\$(1),Givol1\$(5),  
"t",S(\*),20,3,1,#1) THEN Exit

Fix information:

To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999006206 Product: DSG

45150A 01.00

Keywords: DSG

One-line description:  
Error 18 in DGDL03 drawing line charts

Problem:  
Error 18 in program DGDL03 when using "TEXT" X-axis labels in line charts. Problem was observed when using eight-lines per chart in programmatic access to "DSGLIN".

Cause:  
Misdimensioned string in DGDL03. Attempts to read a 108 character record into an 80 character string.

Temporary solution:  
Do not use text labels on line charts. Instead use months, days, years or numerical axes types.

Fix information:  
Fixed and tested in 45150 B.01.00.  
Signed off 01/28/83 in release 01.00

KPR #: 9999006023 Product: DSN/DS

45124A 01.00

Keywords: DS

One-line description:  
System hang or CS error #76 in DS

Problem:  
If one hits both the REMOVE KEY DISP and CONTROL Y softkeys very rapidly when in an HP3000 subsystem, DS will abort with a CS ERROR #76, or it will just hang.

Cause:  
Hitting the REMOVE KEY DISP softkey sends DS into the Keyson routine. The last thing Keyson does, before RETURNING, is ENABLE softkey interrupts. If there is a pending softkey interrupt, like a Control Y, then DS immediately vectors out of Keyson before properly RETURNING to where it was called from. It vectors out of Keyson with a GOTO which causes the RETURN stack to loose track of the previous GOSUB Keyson.

Temporary solution:  
Since there is really NO reason to hit both the remove key display and the control Y softkeys in this manner, there is no need for a "temporary" solution.

KPR #: 9999006061 Product: DSN/DS

01.00

Keywords: DS

One-line description:  
Error 77 if device label contains greater than 6 characters

Problem:  
Supplying DS with both a six character configuration file name and a 7 or 8 character device label, will cause DS to error out with a configuration file error #77. This combination supplies more characters to DS than it can handle in this situation.

Cause:  
The string to which the input is placed is dimensioned to handle only the first 13 characters handed it. This means that the last two characters in the extreme case will be ignored, and the specified device label will not be found.

Temporary solution:  
A temporary solution for this would be to supply DS with configuration files that total 13 or less characters in length. This can easily be done by shortening the configuration file name itself, or referencing its disc with a shorter device specification.

Fix information:  
This is easily fixed by increasing the size of the string that accepts this data from 13 to 15 characters. This is done in the DS module.

Known Problem Reports as of 07/01/83

Page: 39

KPR #: 9999006015 Product: DSN/RJE

45123A

02.00

Keywords: RJE

One-line description:  
Problem with sending 256 byte/records using 3780.

Problem:  
When running 3780 emulator from HP250 to HP3000, if a record of 256 bytes is followed by a short record (say, 10 bytes) then the two records will be treated as one on the receiving end.

Cause:  
RJE binary does not insert a record separator (RS) at the end of the first record.

Fix information:  
Will be fixed in next release.

KPR #: 9999006132 Product: DSN/RJE

45123A

01.00

Keywords: RJE

One-line description:  
Protect code for RJE RODATA file not documented

Problem:  
RJE and DSN manuals do not specify protect code for RODATA file. The protect code is necessary for editing the file with the Editor.

Cause:

Documentation Error

Temporary solution:  
Have marketing engineers tell anyone who calls what it is.

Fix information:  
Change the manual to include that the protect code for RODATA is DATACM. Both DSN/RJE and DSN/DS should be updated.

Known Problem Reports as of 07/01/83

Page: 40

KPR #: 9999003822 Product: MFG

45180A

01.00

Keywords: HPMFG

One-line description:  
MACRO same parts twice.

Problem:  
If trying to Macro update same part number twice in same batch update, the first works ok, but the second transaction deletes the wrong part number.

Cause:  
The sub program MFTX76 is not exited the second time around properly when it can't find the original part number.

Temporary solution:  
Insert line #3445 SUBEXIT in program MFTX76.

Fix information:  
This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999004008 Product: MFG

45180A

01.00

Keywords: HPMFG

One-line description:  
DB close fails and recovery will not work.

Problem:

Recovery aborts when trying to close a corrupt database before beginning recovery.

Cause:  
A check was made to call a system error when the DBCLOSE fails when in fact it should fail.

Temporary solution:  
Delete line #430 in MFRV03.

Fix information:  
This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999004510 Product: MFG

45180A

01.01

Keywords: HPMFG

One-line description:  
Abnormal exit from recovery returns to MFG.

Problem:  
Recovery on 7906 config does not always work correctly if the database was corrupted.

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- MFG -

Cause:  
Recovery always assumes database is open to start with which is not true in this case.

Temporary solution:  
At recovery label in program MF, before loading MFRV00 open the data base in mode 8 allowing Estat{1} to equal 0 or -94. In program MFRV03 change line #'s 870 & 990 to load MF instead of MFMENU. Also see KPR# 4008

Fix information:  
This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999004511 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Check directory for entries to 1200.

Problem:  
If you have more than 1000 files on your mass media storage (7906), the cleanup program (MFCLUP) will not check all the files.

Cause:  
The loop that checks for temporary data files only goes from 1 to 1000.

Temporary solution:  
Increase loop index to go to a higher number than 1000 in line #430 of program MFCLUP. (Eg. 430 for I=1 to 2000)

Fix information:  
This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999004522 Product: MFG 45180A 01.00

Keywords: HPMFG

One-line description:  
String constant too long in MFTX77.

Problem:  
The string in line 3500 in program MFTX77 is too long to fit in the output field in which it is displayed when the number of parts is over 1000.

Cause:  
The output field on the form is too small when the number of transactions exceeds 1000.

Temporary solution:

In program MFTX77, line 3500, change both occurrences of the word 'Number' to the symbol '#', so the statement now reads:  
3500 DISP "# of end-item parts to update: "&VAL\$(WFLEN(2))&  
". #of parts remaining: "VAL\$(WFLEN(2)-Workfile\_entry&".

Fix information:  
This will be fixed in the next scheduled release.

Signed off 10/17/80 in release 01.02

KPR #: 9999004572 Product: MFG 45180A 01.00

Keywords: HPMFG

One-line description:  
Softkey needs to be disabled.

Problem:  
Pressing EXIT MFG softkey in succession causes a DB Error -11.

Cause:  
The key is not disabled after executing it the first time.

Temporary solution:  
In program 'MF', add the following line:  
2095 End: OFF KEY #  
Delete the label 'End' in line 2100.  
In program "MFMENU", add the following line:  
2815 End: OFF KEY #  
Delete the label 'End' in line 2820.

Fix information:  
This will be fixed in the next scheduled release.

Signed off 10/27/80 in release 01.02

KPR #: 9999004590 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
No maint word specified on DBCREATE.

Problem:  
If no maintenance password is put on the database a DB ERROR -11 will occur when a before update backup is executed. (7910 configuration)

Cause:  
The backup uses the maintenance word put of the control file. If no maintenance word was assigned it is blank in the control file, however DBCREATE assigned it null in the root file, and null does not equal blank.

Temporary solution:  
Either assign a maintenance word when the database is created or thru the "manager" control file maintenance program of "MFG". If no mainten-



ance word is desired change it to blanks.

Fix information:  
This small discrepancy will not be fixed.  
Signed off 08/29/80 in release 01.02

KPR #: 9999005290 Product: MFG 45180A 01.01

Keywords: MFGDOC

One-line description:  
Error in MFG Technical Documentation

Problem:

On page 23 of the MFG Technical Manual, RECORD 1/WORD 52 is shown as an empty field. This is erroneous. In fact, with the release of A.01.01, RECORD 1/WORD 52 is now named Newdiscs and it indicates the number of backup discs used.

Fix information:  
This information will be incorporated when the next update to MFG/250 documentation is done.

KPR #: 9999005602 Product: MFG 45180A 01.01

Keywords: HPMFEG

One-line description:  
Data item numbers in DBFIND

Problem:

MFG uses data item numbers in DBFIND statements when accessing the data base. Adding an item to the middle of a data set will upset several programs.

Cause:

MFG was designed to optimize execution time of the operating system. If a data item name is used in the item parameter, IMAGE must convert it to a number before continuing to execute. In a large data base performance would be noticeably effected.

Temporary solution:  
New data items may be added to the end of the data set without upsetting HP supplied programs.

KPR #: 9999005678 Product: MFG 45180A 01.01

Keywords: HPMFEG

One-line description:  
7910 Based system hangs, waiting for two flex-discs to be inserted

Problem:

Restart Utility of the recovery program requests two flex-discs to be mounted at the same time.

- MFG -

Cause:  
MFER00 not updated for the HP 7910 disc drive.

Temporary solution:  
Skip step 7 of Restart Recovery. Instead, duplicate backup volume MFX8 to present history disc.

Fix information:  
Fixed in next release.

KPR #: 9999300048 Product: MFG 45180A 01.00

Keywords: HPMFEG

One-line description:  
Ask for starting page no >32767.

Problem:

In PRINT program if enter a starting page number >32767, Error 20 occurs in line 860.

Cause:

No check for an invalid integer.

Temporary solution:

In Print program, delete line # 860, add:  
862 IF NOT FNInt\_error (pagenum,Input\$,0) THEN In10  
864 CALL Error("Invalid page number.")  
866 GOTO In9  
Put label In10 on line # 870.

Fix information:

This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999300049 Product: MFG 45180A 01.00

Keywords: HPMFEG

One-line description:  
Error 19 in Copy Master Set utility.

Problem:

In creating a new OEM set, if option 7 is selected, an error 19 in line 310 will occur.

Cause:

Invalid input check.

Temporary solution:

Change line 280 of COPYM:  
280 IP (Selection >= 0) AND (Selection < 7) THEN St2

Fix information:

This will be fixed in the next scheduled release.

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Signed off 08/29/80 in release 01.02

KPR #: 9999300051 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Input trans no greater than 199.

Problem:

In the transaction file maintenance utility program MFMTTF, if press the soft key "Output TO PIR" and enter a starting or ending transaction number less than 1 or greater than 199, an error 17 occurs in line 3120

Cause:

The Entry array containing the MFtran file entries has the dimension from 1 to 199 and no check is made for a subscript out of range.

Temporary solution:

In program MFMTTF add lines  
2932 IF (Entry\_num>0) and (Entry\_num<200) then E1  
2934 CALL Error ("Number must be between 1 and 199.")  
2936 GOTO Out3  
2972 IF (Last >0) and (Last <200) THEN Start-output  
2972 IF (Last >0) and (Last <200) THEN Start\_output  
2976 GOTO E1  
also add label E1 to line # 2950

Fix information:

This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999300052 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Terminate listing softkey causes error 257.

Problem:

In the transaction file maintenance program "MFMTTF" an error 257 occurred when outputting to the printer and the listing was terminated after restarting it via the soft keys.

Cause:

STOP REPORT is executed twice in this sequence

Temporary solution:

In program "MFMTTF", add the label Term\_1: to line #3410 and change the GOTO labels in lines 3480 & 3490 to TERM\_1.  
In program "MFUTS3", add the label D04 to line #770 and change the GOTO labels in lines 860 &870 to D04

Fix information:

This will be fixed in the next scheduled release

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Signed off 08/29/80 in release 01.02

KPR #: 9999300053 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Terminate listing softkey causes error 257.

Problem:

In the error message file maintenance utility "MFMTTER", an ERROR 257 occurred when outputting to the printer and you terminated the listing after restarting it via the soft keys.

Cause:

STOP REPORT is executed twice in this sequence.

Temporary solution:

In program "MFMTTER", add the label Term\_1: to line #2410 and change the GOTO labels in lines 2500 & 2510 to Term\_1.

Fix information:

This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

KPR #: 9999300054 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Printer select code 8 causes error 120.

Problem:

In the LIST utility program, if the entered printer select code is 8 error 120 in line # 2230 occurs.

Cause:

The program is designed to use a printer for its output device, not the CRT. There are no current plans to implement this enhancement request, nevertheless the program should not give a system error. Therefore a check for a printer select code =8 will be inserted.

Temporary solution:

In LIST program insert the following lines:

492 IF Linput{ij} <> "8" THEN In3a  
494 CALL Error ("The CRT is not a valid output device. Please reenter.")  
496 CURSOR CF #1  
498 GO TO In1  
Add label In3a to line number 500.

Fix information:

This will be fixed in the next scheduled release.

Signed off 08/29/80 in release 01.02

- MFG -

KPR #: 9999300195 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Wrong volume labels during set up

Problem:  
For 7906 configuration files, MFtran and MFerrm are assigned to the wrong group, causing ERROR 56 to occur.

Cause:  
7906 configuration causes different file groups to reside in different places than the Flex-disc configuration.

Temporary solution:  
Change assign stmts to files MFtran and MFerrm in programs MFUD02,MFWTER,MFUDS2,MFUD06, and MFUD04 to point to the fixed disc instead of the removable cartridge.

Fix information:  
Fixed in next release.

KPR #: 9999300196 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
ERROR 59 while modifying transactions

Problem:  
When modifying an entry in the Transaction formats file, MFtran, using program MFMTTF, an ERROR 59 can occur.

Cause:  
Too many lines added can cause a file overflow or end of file to be reached.

Temporary solution:  
Change line 2250 in program MFMTTF to: IF (Num\_records-Rec\_ptr-Num\_entries) > 0 THEN Mod4

Fix information:  
Fixed in next release.

KPR #: 9999905679 Product: MFG 45180A 01.01

Keywords: HPMFG

One-line description:  
Error 260 trying to print a pick list

Problem:  
MRFP06, can report an ERROR 260 in line 3840.  
\*\*\*\*\*NOTICE\*\*\*\*\*

Due to the fact that STARS I had separate data bases for 125/250/300 and 3000 product lines, certain SR's had the same SR number. This SR is one of those, so instead of having a 9999 prefix, it has a 99999 prefix in order to differentiate it from the 3000 SR having the same number.

Cause:  
If an Item Master Stockroom change occurs at the end of a page, the program tries to print the blank line which preceeds a new stockroom line and exceeds allowable spaces.

Temporary solution:  
Change line 770 to HEADER 3 WITH 2 LINES in program MFRP06. The IMAGE statement of PRINT1 actually prints two lines - one for the Print and one for the slash.

Fix information:  
Fixed in next release.

Known Problem Reports as of 07/01/83

45190A

KPR #: 9999004304 Product: OM

Keywords: HPCM

One-line description:

Data base capacity must be less than 32767.

Problem:

IMAGE represents record capacity values in the range 32,767 thru 65,535 by the numbers -32768 thru -1, respectively. The data set capacity checking function, FNCap\_check, does not correctly process these encoded record capacities which are provided to it by the DBINFO command. If the capacity of a data set in an OM/250 data base is set greater than 32,767 records, the FNCap\_check routine can be expected to cause the calling program to fail in either of two ways.

First, the function may return a negative integer which will be incorrectly interpreted by the calling program. Depending on the intent of the program and the mode (0 or 1) in which the function is called, the returned value may be viewed, among other possibilities, to mean that no additional record space remains in the data set; in fact, the number of remaining entries will be greater than zero. The user will be improperly informed that no more space exists for the data entry; the addition of the record will be disallowed.

Second, the function may return a number less than -32768 causing Program Error 20 (Integer-precision overflow) because the variable to which the function sends the return value is defined as an integer. Many programs utilize this function coupled with an integer variable. It is not sufficient to correct the utility function alone since all calling programs would need also to have their "capacity" variable redefined from integer precision to short precision. The problem would appear to be academic, however, OM/250 cannot be expected to be usable and to be installed where the size and volume of the customer's work would necessitate any of the application's data sets to be established larger than 32,767 records.

Temporary solution:

Do not setup data set capacities to be greater than 32767 records.

Fix information:

Although no fix is currently planned this service request will be reviewed in the context of future OM/250 releases.

KPR #: 9999004303 Product: OM 45190A 06.01

Problem:

The Accounts Receivable control file, "ARctl", that was included with Version 06.01 was defective. It contained numeric data in record #7 (General Ledger accounts) which did not match the string data type of the program variable, "Acct\$", into which it was loaded.

Fix information:

Fixed in Release 06.02.

Signed off 09/10/80 in release 06.02



The 14th record of the control file "HPconf" is an array called Console(5). The elements of the array correspond to the consoles (USRIDs) on the system. The values which are set in the array identify the module being exercised and by which user console, plus they are used as the data base suspect bits. The codes currently employed as suspect bits and the timing of the setting of these flags does not permit a distinction to be made, given the entrance of a second, third, etc. user, between current valid activity within a module and a previous improper user exit which has left a warning flag set.

Thus, if the console attempting to access the application is the same one which previously exited improperly the warning given is clear: POSSIBLE DATA BASE INTEGRITY PROBLEM; in continuing, the data base corrupt bits are checked. However, when a user seeks to run the application from a different console than that which set a suspect flag then the access denial with the message, MODULE SELECTED IS BUSY, is potentially misleading. A valid user may currently be active in the application or a previous user may have exited improperly. Regardless, a user cannot access an OM module when any of the suspect bits are set without first clearing the suspect condition.

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

45190A

KPR #: 9999004306 Product: OM

Keywords: HPAR

One-line description:  
Inconsistent I/O format.

Problem:

There are problems with the ADD CONTRACT and MODIFY CONTRACT functions in the ACCOUNTS RECEIVABLE module. Contracts can not be added with the price greater than \$9999.99. If the price is to be 10000.01, it must be entered as 10000.0.

If an attempt is made to modify a contract with the price entered as 10000.0, an even more serious problem is encountered. OM displays the form for modifying the contract and the contract price of 10000.0 is displayed as 10000.00. However, if you press the "PROCESS DATA" key without modifying the contract price, the contract price is not accepted because the contract price has too many digits in it.

Cause:

The problem is related to the manner in which numeric input to a form in OM is validated. There is a BASIC defined function "Num\_check" that is in the utility file "UTIL1" and it is used to validate numeric input on forms used in OM.

The contract price field is defined as a "WHOLE SHORT" field type. This is documented in the "ACCOUNTS RECEIVABLE OPERATORS GUIDE" in the glossary, chapter #4. This field type is defined as any six digit number up to 999999.

The contract price is stored as a BASIC variable of type "SHORT" and it is represented with six significant digits and an exponent in the range from -63 to 63. However, the function "Num Check" validates input to the contract price field as a "WHOLE SHORT", and consequently, input in this field with more than six digits is not accepted.

Temporary solution:  
Until the function "Num Check" is altered, the contract price field must not be used with a number that has more than six digits.

Fix information:  
Although no fix is currently planned, this service request will be reviewed in the context of future OM/250 releases.

KPR #: 9999004307 Product: OM 45190A 06.01

Problem:  
In program "ARRMOD" the 3 elements of the title of the form, "Accounts Receivable", "Modify Customers" and "Date: xx/xx/xx" each appear twice on the screen.

Fix information:  
Fixed in Release 06.02.

Signed off 09/19/80 in release 06.02

KPR #: 9999004308 Product: OM 45190A 06.01

Problem:  
In the addition of, or modification to, an inventory item the value of Averaging Period must be greater than 30 days. If the user enters a number less than 31 the value is changed to 31 and the program proceeds without user notification of the error situation.

Temporary solution:  
Modify the indicated lines to read as follows:

In program ICF2IM:

```
2550 IF Mi_alpha>30 THEN Ohck
2554 CALL Message("Averaging Period MUST BE GREATER THAN 30.
Please re-enter.",3,3,0)
2555 CURSOR IF#14
2556 GOTO Mg
2560 Ohck:IF FNField_check(Aoh$,3,15,Mi_ave_oh,I) THEN Mg
```

In program ICF2EI:

```
2770 IF Mi_alpha>30 THEN Ohck
2774 CALL Message("Averaging Period MUST BE GREATER THAN 30.
Please re-enter.",3,3,0)
```

2775 CURSOR IF#15  
2776 GOTO Mg  
2780 Ohck:IF FNField\_check(Aoh\$,3,15,Mi\_ave\_I) THEN Mg

Fix information:  
To be fixed in Release A.07.00.  
Signed off 02/25/82 in release 07.00

KPR #: 9999004485 Product: OM 45190A 06.01

Keywords: HPCM  
One-line description:  
Bad label description in program.

Problem:  
The label "Onerr" of line 2280 of program HP250P is incorrect and should read "Error" instead.

Fix information:  
To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004509 Product: OM 45190A 06.01

Keywords: HPAR  
One-line description:  
Memory overflow in Conversion Mode.

Problem:  
On a system configured with a 32K user space the following problem arises. In Conversion Mode (only), in the MODIFY CUSTOMER function, if the user is changing more than one customer the program fails with a memory overflow (ERROR 2). Modifications to the first customer are processed correctly. The error occurs immediately after pressing the PRO-CESS DATA softkey on the first screen of the second customer to be modified.

Temporary solution:  
Solution:

2) Modify the data for only one customer at a time, then back out to the menu from which the MODIFY CUSTOMER selection is made. NOTE: When the error is encountered it is possible to exit in an orderly manner. To do so, press Shift/Halt, type CONT Exit, press Enter.

Fix information:  
To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

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KPR #: 9999004525 Product: OM

45190A

06.01

Keywords: HPAR

One-line description:  
Bad loop bounds in Statement reports.

Problem:

In the program "ARCR03" of the Accounts Receivable Module, there is a problem with the way things are sent to the "STMT" data base. When the stack is filled with statements, it is necessary to dump the information to the "STMT" data base. The problem results when the loop that dumps the information tries to access the 50th element of an array dimensioned to be (0:49).

Temporary solution:

The variable that sets the upper limit of the loop must be decremented by one in certain situations. This requires the addition of one line of code in the program "ARCR03". The added line should be inserted following the line labeled "St\_pack".

Add a line that reads as follows:

4545 Stptr=Stptr-(Stptr=Stmax)

Fix information:

To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004539 Product: OM

45190A

06.01

Keywords: HPCM

One-line description:

Maintenance word problem.

Problem:

The IMAGE commands DBCREATE, DBERASE, DBPURGE and DBSTORE can optionally employ a data base maintenance (pass)word. In version 06.01 of OM/250 the Data Base Password Editor of the Parameter Change Subsystem allowed the user to introduce a data base maintenance word in addition to the user class passwords. If entered, this maintenance word is applied to all of the data bases. However, none of the applications programs, containing IMAGE commands which utilize passwords have any mechanism for knowing and deploying this maintenance word. For example, in program "ARMEND" the DBERASE command in line 3850 does not include a string variable containing the password; if a password had been previously assigned to the data bases by the user through the Parameter Change Subsystem, the access will fail.

Similar situations exist throughout the OM/250 application. Additional instances involving a DBERASE command appear in the programs "ARCR07" and "HPCHECK".

Passwords alone are insufficient to completely secure the data bases. Furthermore, the application does not currently use such maintenance words. Therefore, it has been decided to remove the capability

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to enter a maintenance word from the Data Base Password Editor. The change is effective with and constitutes a fix in, Release 06.02.

Fix information:

Fixed in Release A.06.02

Signed off 02/25/82 in release 06.02

KPR #: 9999004540 Product: OM

45190A

06.01

Keywords: HPAR

One-line description:  
Memory overflow in ADD TAX LOCATION.

Problem:

On a system configured with a 32K user space the following problem arises during both CONVERSION and INTERGRATED modes. In the MODIFY CUSTOMER function, if the update involves a change of city/state and the new city/state is not already in the TAX LOCATIONS file, then it must be entered before proceeding further. The user is given the option to suspend the MODIFY CUSTOMER function and to go directly into the ADD TAX LOCATION function. After pressing the RETURN TO CUSTOMER soft-key to move from the addition of a new city/state tax location back to the completion of MODIFY CUSTOMER, the program "ARCMOD" encounters a memory overflow (ERROR 2).

Temporary solution:

Two solutions may be considered.

- 1) Adopt a 64K user space in which to run OM/250.
- 2) Separately enter all new city/state TAX LOCATIONS prior to modifying a customer city/state. Note: When the error is encountered it is possible to exit in an orderly manner. To do so, press Shift/Halt, type CONT Exit, press ENTER.

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004542 Product: OM

45190A

06.01

Keywords: HPIC

One-line description:  
Bad calculations in IC Classification Analysis.

Problem:

When the Inventory Classification Analysis report is run against a parts base which includes items whose unit cost is zero the usefulness of the report is compromised. Gross profit (the difference between List Price and Unit Cost) becomes the value of List Price itself (List Price - Zero). This results in an overstatement of annual gross profit both for the individual item involved and for the overall inventory, and incorrect positioning of the item in the ranking of parts and a likely incorrect ABC code classification for the item.

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Temporary solution:

The coding changes below disable the computation of annual profit for items with zero unit cost. Such items are always ranked as Class "C" and sort last in the report.

In program ICRP04 Modify the code to read:

```

1150      INTEGER A,B,C,D
1920      Hp103=Hp103+Im_prc*Mi_ave_use*12
1960 Cchk: IF (Im_cst<>0) AND (Im_prc<>Im_cst) AND (Mi_ave_use<>0)
           THEN Valid
1965      IF Im_cst=0 THEN Cstzero
2655      Z=(NOT Im_cst=0)
2660      PRINT USING Adetail1;Hp1,Im_nbr$,Im_prc,Im_cst,Mi_ave_use
           *12,Im_cst*Mi_ave_use*12,Im_cst*Mi_ave_use*12*100/HP102,Z*(Im_prc-Im_
           cst)*Mi_ave_use*12
2670      PRINT USING Adetail12;Z*(Im_prc-Im_cst)*Mi_ave_use*12*
           100/HP103, Hp1*100/WFLEN(1),MI_abc$,FNAbc$(Hp1,HP2,HP3),
           Im_dsc$
    
```

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004545 Product: OM 45190A 06.01

Keywords: HPCM

One-line description:

Bad handling of file recovery.

Problem:

HP250E, the System Recovery Program does not trap the error which indicates undefined file. Therefore, when the file copying operations of a back-up fail, the user is not informed an Error 56 has occurred.

Fix information:

Fixed in Release A.06.02.

Signed off 02/25/82 in release 06.02

KPR #: 9999004600 Product: OM 45190A 06.01

Keywords: HPCM

One-line description:

Error in "USSORT".

Problem:

In the program overlay USSORT, the function FNSort, the line that follows the statement label Print: "Outline=Outline+SFN(Fill)" is in error.

It should read "Outline=Outline+SGN(Fill OR Sdef)"

If the value of Sdef = 1 and no Select/Sort is chosen, the default value fails.

Temporary solution:

Change the statement as shown in the Problem section.

Fix information:

This error has been fixed in A.06.02.

Signed off 11/03/80 in release 06.02

KPR #: 9999004690 Product: OM 45190A 06.02

Keywords: HPSA

One-line description:

Subscript error in FNNUM-check.

Problem:

In the Salesperson Comparative Graphics function of Sales Analysis the possible quantities that can be graphed are selected from a table. The last four of these table items, 11-14, result in a 'subscript out of bounds' error when subsequently the user elects to limit the scale for the graph and enters a maximum scale amount to be used.

Cause:

The integer "Type" is dimensioned too small.

Temporary solution:

Modify the indicated lines to read as follows:

In program SARPHD:

```

1330  INTEGER Nvars,Ngraphs,Type(1:27),Graph_num,Limit_flag,Array_flag
    
```

In Subprogram SAGRIN:

```

1380  DATA 4,4,4,4,4,4,1,1,-6,-6,-6,-6,-3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1440  DATA 4,4,4,4,4,4,1,1,1,1,4,4,4,4,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1510  DATA 4,4,4,4,4,4,5,-5,-6,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1570  DATA 4,4,4,4,4,4,4,4,4,4,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1640  DATA 4,4,4,4,4,4,-6,-6,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1700  DATA 4,4,4,4,4,4,4,4,4,4,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
    
```

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004693 Product: OM 45190A 06.01

Keywords: HPOE

One-line description:

END REPORT should be STOP REPORT.

Problem:

In the Order Entry Module, program "OE30V2", an ERROR 257 occurs if the section of code beginning with Exit: is executed before the BEGIN REPORT statement. This error only manifests itself if the softkey labeled EXIT (8 or 16) is pressed too soon.

Cause:  
The REPORT WRITER/250 command "END REPORT" is invalid unless a corresponding "BEGIN REPORT" has been executed. Pressing "EXIT" prior to the statement "IF Audit THEN BEGIN REPORT Audit" (line 1440 in version A.06.02) will cause this abnormal exit. Within the block of code starting with the statement label "Exit:", the test for the condition of the variable "Audit" is insufficient for deciding whether or not to "END REPORT".

Temporary solution:  
1. Do not press the EXIT softkey until printing actually starts or

```
2. Declare a new, local, INTEGER called Report_started.
   Change the line of code that reads
   "IF Audit THEN BEGIN REPORT Audit" (line 1440 in version
   A.06.02) to the following lines of code:
   1440 IF Audit THEN
   1441   DISABLE ! DISALLOW EXIT UNTIL VARIABLE SET
   1442   BEGIN REPORT Audit
   1443   Report_started=1
   1444   ENABLE ! REALLOW EXIT
   1445   END IF
```

Finally, change the statement "IF Audit THEN END REPORT" (line 3280 in version A.06.02) to read:

```
3280 IF Report_started THEN END REPORT
```

Fix information:  
This problem will be fixed in version A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004695 Product: OM 45190A 06.01

Keywords: HPSA

One-line description:  
Bad logic in SA10V2.

Problem:  
#1 Program "SA10V2" does not permit transactions to be added to data bases when the capacity utilization of the data sets exceeds 80%;  
#2 There is an incorrect branching label in line 1810.

Temporary solution:  
Change the following lines to read:  
1730 Dcreate: IF FNLen\_check(Base\$(1),"SALES",Percent\_cap,Entries,

Capacity, Mode, Status(\*), Buf\$)>1 THEN Ovfm\$gl  
GOTO Dsales1  
1860 Dcreate: IF FNLen\_check(Base\$(1),"DAILY-SALES",Percent\_cap,Entries,Mode,Status(\*),Buf\$)>1 THEN Ovfm\$g2  
Capacity, Mode, Status(\*), Buf\$)>1 THEN Ovfm\$g2

Fix information:  
To be fixed in A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999004749 Product: OM 45190A 06.01

Keywords: HPOE

One-line description:  
Delivery date requested not included in header on acknowledge letter.

Problem:  
The column header for "REQ DATE" in "OE40V2" (acknowledgement letters) has been omitted.

Cause:  
The column headers were improperly coded.

Temporary solution:  
In the program "OE40V2" (version A.06.02) two lines must be changed.

They currently read:

```
2000 L420: PRINT RPT$(" ORDER CUSTNO CUS
              TOMER P/O NO ORD DATE SALESPSN",Blank)
2010 PRINT RPT$(" ORDER CUSTNO CUS
              SALESPSN REQ DATE",
              " ",Blank)
```

They should read:

```
2000 L420: PRINT RPT$(" ORDER CUSTNO CUS
              TOMER P/O NO ORD DATE SALESPSN REQ DATE",
              Blank)
2010 PRINT RPT$(" ORDER CUSTNO CUS
              SALESPSN REQ DATE",
              " ",Blank)
```

Fix information:  
This problem will be fixed in version A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004751 Product: OM 45190A 06.01

Keywords: HPOE

One-line description:  
Order modification of WHSE not passed to IC.



**Problem:**  
In the Order Entry Module, MODIFY ORDERS function, changes to the warehouse code in the line items were not being reflected in the ICRAN data base. The inventory amount allocated remained in the original warehouse.

**Cause:**  
In the program "OE20V6", which is responsible for updating line items, there is a test for deciding how much information is to be sent to the ICRAN data base. If the warehouse code is changed, there should be two new entries made in the data base since the quantity allocated is added to one warehouse and subtracted from the other. Line 1660 (in version A.06.02) sets a variable "Ictr" for deciding how many passes are required. Part of the test compares a variable "Op" to values 1 (add), 2 (modify), and 3 (delete). If a line has been modified, then "Op" has been set to 2. Line 1660 (in version A.06.02) compares the value of "Op" to the value of "Mod". "Mod" is a flag for communicating whether or not any changes have been made to the order. The comparison should be between "Op" and "Modif".

**Temporary solution:**

1. If the warehouse must be changed in a line item, delete the line item and add a new one with the correct warehouse code.

or

2. In the program "OE20V6", line 1660 (in version A.06.02), (Ictr=....), change the variable "Mod" to "Modif".

It currently reads:

```
1660 L110: Ictr={Ictr$}* (Itemindb OR Drop)*MAX(2*(Op=Mod)
*(Od_loc$>Oldloc$),(Od_qtyall*Cfact<>Oldqall*Oldcfact) OR
(Od_qtybo*Cfact<>Oldqbo*Oldcfact))
```

It should read:

```
1660 L110: Ictr={Ictr$}* (Itemindb OR Drop)*MAX(2*(Op=Modif)
*(Od_loc$>Oldloc$),(Od_qtyall*Cfact<>Oldqall*Oldcfact) OR
(Od_qtybo*Cfact<>Oldqbo*Oldcfact))
```

**Fix information:**

This problem will be fixed in version A.07.00.

Signed off 02/25/82 in release 06.02

KPR #: 9999004752 Product: OM 45190A 06.01

Keywords: HPCM

**One-line description:**  
Any workfile on volume is purged automatically.

**Problem:**  
OM/250 and APGL/250 employ a naming convention for work files which utilizes the letters "wf" in positions 3 and 4 of the file name.

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The functions of the program "HPCHECK" include cleaning up (purging) any temporary files which remain from previous processing that was not completed in the prescribed manner with the user exiting out of the application in the normal way. If the data base suspect flag is set because of an earlier abnormal termination then the work file cleanup routine will eliminate all DATA files with a "wf" in positions 3 and 4 of the file name (except for file "APwf4"). This means that a user created file, so named with the "wf" in the critical positions of the file name, will also be purged.

**Temporary solution:**

Users should avoid employing the same work file naming convention utilized by the HP250 applications. Further, QUERY should not be used on the same disc, as QUERY also builds workfiles with "wf" in positions 3 and 4.

**Fix information:**

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004753 Product: OM 45190A 06.01

Keywords: HPAR

**One-line description:**  
Error in MODIFY SHIP TO after forced ADD TAC LOCATION.

**Problem:**

The MODIFY SHIP-TO function in the Accounts Receivable Module does not update the shipping information properly. The City and State fields are not updated to the new values when shipping information is modified.

**Cause:**

The MODIFY SHIP-TO function updates the shipping information in the program "ARSMOD". The update procedure is improperly coded in this program and fails to update the City and State fields.

**Temporary solution:**

In the program "ARSMOD", three lines must be changed and one line must be added.

The three lines to change are:

```
1160 INTEGER Cs_terms,S_addrc,S_shipc,T_addrc,T_tax(2),Status(9),Unkn
3050 S_addrc=0
3060 Retry: IF FNFInd(UPC$(D$(5)),UPC$(D$(6)),Cbase$,Tset$,Lst$,
Buffer$,S_addrc) THEN Pro
```

They should be changed to read as follows:

```
1160 INTEGER Cs_terms,S_addrc,S_shipc,T_addrc,T_tax(2),Status(9),
Unkn,M_addrc
3050 M_addrc=0
3060 Retry: IF FNFInd(UPC$(D$(5)),UPC$(D$(6)),Cbase$,Tset$,Lst$,
```

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Buffer\$,M\_addr) THEN Pro

This line must be added:

3445 S\_addr-M\_addr

The variable S\_addr is used as a key to the "TAX-ENTITY" data set in the "CUST" data base. The "TAX-ENTITY" data set actually contains the city and state information and S\_addr the key to this information is not updated properly when shipping information is modified.

The addition of a new variable M\_addr to store the value of the new key into the "TAX-ENTITY" data set as a result of modifying shipping information, allows for proper updating of the city and state fields. This new variable is added to the variable declarations on line 1160, and it is used to replace S\_addr in lines 3050 and 3060.

The added line of code is to assign to S\_addr the new value that is now stored in M\_addr. A data base update is done on line 3560 and the value of M\_addr is now used for updating the "SHIP-TO" data set in the "CUST" data base.

Fix information:

This problem will be fixed in A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004898 Product: OM 45190A 03.01

Keywords: HPCM

One-line description:  
Need to update all user control files after backups

Problem:  
Programs HP250D and HP250F perform daily backups to off-line storage from 7906 and 7910 based systems, respectively. Neither program links to program HP2503 to propagate among all copies of file "HPctln" the fact of a successful completion of backup by the resetting of control variable BACKUP from 1 to 0.

Temporary solution:

1. After performing the backup:
1. Enter the Parameter Change Subsystem. "HPctln" files equal.
2. Enter the MODIFY ENTITY routine.
3. When the MODIFY ENTITY menu is displayed, press the PROCESS DATA softkey. This will update all HP control files.

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999004925 Product: OM

45190A 06.01

Keywords: HPCM

One-line description:  
FNDate function does not check for some invalid date entries.

Problem:  
The function "FNDate\_check" from the program file "UTIL1" (the second subprogram) does not properly check for some invalid date entries. For example, a date entered as "8/26/800" may cause an Error 18 when the routine tries to fill the month portion of the string with a leading zero. This error will only occur if the variable Date\$ is dimensioned to only 8 or 9 bytes in the calling program.

Cause:  
The function erroneously assumes that a date string whose month or day portion is less than two characters is not already 8 bytes in length.

Temporary solution:

Add three lines of code to UTIL1 and change one other as follows:  
(in version A.06.02)

```

2541 Date$=TRIM$(Date$)
2571 Chk:IF (LEN(Date$)=8) AND ((Date${3;1}<>"/") OR
    (Date${6;1}<>"/")) THEN E2
2572 IF LEN(Date$)>8 THEN E2

```

Line 2580 should no longer have a statement label, since it is used with line 2571:

```

2580 I=POS(Date$, " ") ! Chk USED TO BE HERE

```

Fix information:

This problem will be fixed in version A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005029 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:  
Credit memos not being deleted in AR

Problem:  
Credit memos intermittently are not being processed properly during the Accounts Receivable Post function. Credit memos are not being deleted from the data base, CREDIT, after posting.

Cause:

There is a feature in IMAGE that causes this problem. A Manual Master Data Set uses a hashing scheme that involves synonym chains and migrating secondaries. This feature of IMAGE is described in

the IMAGE/250 Programming Manual on pages 1-7 and 1-8.

In a synonym chain when the primary search item is deleted, the first secondary is moved to replace it. In the Accounts Receivable Post function, credit memos are deleted from a manual master in a serial mode and if there are synonym chains in the data set then there will be one credit memo that is not deleted for each synonym chain in the data set. The reason for this is the moving of the first secondary record to replace the primary record will cause that migrated secondary record to be missed in the serial process that deletes credit memos from the CREDIT data base.

Temporary solution:

Adding two lines to program ARPST3 will cause credit memos to all be deleted even if there are synonym chains in the manual master of the CREDIT data base.

Add the following lines:

```
3134 DBCLOSE (Base$,Ddset$,3,Status(*)
3136 GOSUB Dberror
```

Fix information:

To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005030 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:

Statement Function in AR may print incorrect cust. # if pg break occurs

Problem:

The problem is in the logic of program "ARCR07". Under certain conditions, this program prints the wrong customer name and address on the customer's statement. This occurs whenever the first detail line or invoice for a customer causes a page break before printing the trailer information for the previous customer.

Temporary solution:

Adding three lines of code to "ARCR07" will cause the program to print customer statements correctly even under the conditions described above. Add the following lines:

```
1205 INTEGER Old_detail
3085 Old_detail=Detail(1)
3215 IF Active AND (((Detail(1)-Old_detail) MOD(42-Blank)=0) OR
BREAK
((Detail(1)-Old_detail) MOD (42-Blank)>34)) THEN TRIGGER PAGE
```

Fix information:

To be fixed in release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005174 Product: OM 45190A 01.01

Keywords: HPAR

One-line description:

AR-GL Trans Report does not print correctly

Problem:

In the Accounts Receivable Module, the General Ledger Transaction Report does not print correctly in at least three situations: 1) when an account break occurs on the last line of a page, 2) when a date break occurs on the last line of a page, and 3) when a zero amount is to be posted.

Temporary solution:

The program that generates these reports is "ARGR92". The General Ledger Transaction Report will print correctly after modifying this program. All line number references are with respect to software release A.06.02

Line 1590 of ARGR92 currently reads as:

```
1590 DETAIL LINE 1 WITH 2 LINES USING Det;RPT$( " ",27*(NUMDETAIL(6)
>1)+15*(G1_amt<0)),ABS(G1_amt),RPT$( " ",15*(G1_amt>0)),G1_desc$,
H1_reif$
```

It should be modified to read as:

```
1590 DETAIL LINE 1 USING Det;RPT$( " ",27*(NUMDETAIL(6)
>1)+15*(G1_amt<0)),ABS(G1_amt),RPT$( " ",15*(G1_amt>0)),G1_desc$,
G1_reif$
```

Line 2240 of ARGR92 currently reads as:

```
2240 PRINT LIN(1)
```

It should be replaced with two new lines:

```
2240 IF NUMLINE <>61 THEN PRINT LIN(1)
2241 IF NUMLINE=61 THEN PRINT
```

Fix information:

To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005175 Product: OM 45190A 06.02

Keywords: HPCM

One-line description:

Need to update all user control files

Problem:

Program HP250 manages and controls system date changes. It does not link to program HP2503 for the purpose of propagating among all copies of file "HPctlin" the increments to control variables Days and Date\$ that occur when the user advances the current working date. See also Service Request # 4898 for a discussion of a similar problem relating to daily backups.

Temporary solution:

After performing the backup:

1. Enter the Parameter Change Subsystem.
2. Enter the MODIFY ENTITY routine.
3. When the MODIFY ENTITY menu is displayed, press the PROCESS DATA softkey. This will update all HP control files.

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005177 Product: OM 45190A 06.02

Keywords: HPGL

One-line description:  
No error checking done when entity added to ctrl file.

Problem:

The Control Module Parameter Change Subsystem does not edit for an entity number whose value is zero. In the General Ledger module such a value is invalid. For additional information on implications of this problem see Service Request #5178.

Temporary solution:

Add/change the following lines of program "HP2501":  
 4564 IF VAL(A\$)<>0 THEN GOTO Entyad5  
 4565 C\$="ZERO NOT ALLOWED"  
 4566 GOTO Entyerr  
 4570 Entyad5: Entity(No\_entity)=Val(A\$)

Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005178 Product: OM 45190A 06.02

Keywords: HPGL

One-line description:  
Problem with adding entities in GL

Problem:  
In the Control Module, in establishing entity IDs for the FIN or OM applications, if an entity of zero is added then all subsequently entered entity numbers become unavailable to the General Ledger Module. Those entity numbers following

entity number zero are discriminated against by the GL Entity Maintenance function in that portion of program "GLMTI", line 1680 which reads "OR NOT Ent".

Cause:  
The Control Module Parameter Change Subsystem does not edit for an entity number of zero. The overall problem of this Service Request is prevented if the temporary solution described in Service Request 5177 is adopted.

Temporary solution:

This temporary solution is the same one suggested for SR#5177. Add/change the following lines of program "HP2501":  
 4564 IF VAL(A\$)<>0 THEN GOTO Entyad5  
 4565 C\$="ZERO NOT ALLOWED"  
 4566 GOTO Entyerr  
 4570 Entyad5: Entity(No\_entity)=Val(A\$)

Fix information:

To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005240 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:  
ADD/MODIFY CUSTOMER screen should only allow 14 char

Problem:  
The form for "ADD/MODIFY CUSTOMER" allows for 15 characters in the CITY field. The data base and the rest of the programs use only 14 characters of the CITY field.

Temporary solution:

The utility program "MFORM" can be used to modify form "ARfm01". Reset the display enhancement for the 15th character of the CITY field.

Fix information:

To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005259 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:  
Problem w/credit terms when 0% Discount

Problem:  
In the Accounts Receivable Module, credit terms may be added with 0% discount using the Control File Editor. However, any attempt to add a new customer or modify an existing customer to have credit terms with 0% discount is not allowed. This

is true for the current released version of both OM and FIN.

Temporary solution:

To allow for credit terms with 0% discount, the processing of data entered from forms for adding and modifying customer must be changed. Two lines of code must be modified:

In "ARCAED" line 3450 currently exists as:

```
3450 IF NOT (Cdays(VAL(D$(I))) AND Cperc(VAL(D$(I)))) THEN
```

Modify it to read as follows:

```
3450 IF NOT Cdays(VAL(D$(I))) THEN
```

In "ARCMOD" line 3530 currently exists as:

```
3530 IF NOT (Cdays(VAL(D$(I))) AND Cperc(VAL(D$(I)))) THEN
```

Modify it to read as follows:

```
3530 IF NOT Cdays(VAL(D$(I))) THEN
```

Fix information:

To be fixed in release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005260 Product: OM

06.02

Keywords: HPCM

One-line description:

Forced Recovery on 7910 system.

Problem:

During the user sign-on to the Control Module if the integrity of one or more databases is determined to have been destroyed, then a backup is required. The current processing logic fails to distinguish a 7910-based system from a 7906-based application and always treats a hard disc system as 7906-based.

Cause:

Program "HPCHEK" provides only a load of HP250E to handle a 7906 recovery, but does not include a load of HP250G to provide for a 7910 recovery.

Temporary solution:

Add/Modify the indicated lines to read as follows:

```
In program "HPCHEK":
1795 IF (Syscon>=100) AND (Syscon<1000) THEN
1804 ELSE
1805 IF (Syscon>=10) and (Syscon<100) THEN
1806 LOAD "HP250G",Recovery
1807 END IF
1808 STOP
```

In program HP250G:

2150 Recovery: GOSUB Setup

Fix information:

To be fixed in RELEASE A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005261 Product: OM

06.02

Keywords: HPCM

One-line description:

Error in writing control files

Problem:

In the backup of a 7910 based system the program HP250F incorrectly (incompletely) copies the module control files to the backup media.

Cause:

Program "HP250F" operates with OPTION BASE 0. Line 2970 involves an array, Module (I), whose subscripts must run 0-15. Because the indexing is achieved with the same variable, I, that is used in the loop counter of the FOR statement in line 2920, the initial and final values of the FOR statement must also range from 0-15.

Temporary solution:

Change the code of program "HP250F" to read as follows:  
2920 FOR I=0 to 15

Fix information:

To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005317 Product: OM

06.02

Keywords: HFSA

One-line description:

DB Error in year-end update of SA

Problem:

During the year-end update for Sales Analysis, an end-of-file condition may occur incorrectly. This problem shows up as a IMAGE status error number 11.

Cause:

The nemesis of migrating secondaries in manual master data sets may cause a premature end-of-file condition; inactive customers, products, and/or salespersons may be deleted during this procedure. Such a deletion may invalidate the serial DBGETs employed on all three data sets.

The actual routines that scan the three data sets reside in

Program files SALS40, SALS41, and SALS42

Fix information:  
This problem will be fixed in release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005328 Product: OM 45190A 06.02

Keywords: HPCM

One-line description:  
Function FNExclusive doesn't include Console #6

Problem:  
The function FNExclusive does not include user/console #6 in its test to determine exclusive user access on the application.

Cause:  
Line 3470 of program file "HPUTIL" limits the examination of the array Console (\*) to the first 5 elements; the element corresponding to user #6 is not checked.

Temporary solution:  
Modify the indicated line of program "HPUTIL" to read:  
3470 IF I<No-user THEN Start1

Fix information:  
To be fixed in RELEASE A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005395 Product: OM 45190A 06.02

Keywords: ARDOC

One-line description:  
Error in OM Implementation Guide

Problem:  
The AR Control File Conversion forms for both FIN/250 and OM/250 are different than the corresponding input screens.

Cause:  
The order of the GL descriptions are different on the conversion forms than they are on the input screens.

Fix information:  
Will be fixed when the OM/250 documentation is updated.

Signed off 02/25/82 in release 07.00

KPR #: 9999005553 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:  
New invoices don't pass Sales \$ to IC

Problem:  
When an invoice is created in the Accounts Receivable Module, the sales amounts on the invoice are not reflected in the YTD sales in the Inventory Profitability Report.

Cause:  
Sales amounts on new invoices created in AR are not reflected in YTD sales because the price per unit sent in the Inventory Control transaction is set to zero. Setting the price per unit before sending the IC transaction will correct this. However, the investigation of this phenomenon exposed a more subtle problem. The processing of item shipment transactions, transaction type 80, could not handle both positive and negative values. This can be a problem if you decide to reduce or delete a line item of a new invoice created through AR.

Temporary solution:  
To properly send IC transactions requires two changes in the program "ARLN2". To properly handle item shipment transactions during IC Post requires modification of program "ICTX10" and the data file "ICX80". The line numbers for these changes refer to the released version A.06.02 of the code.

Changes to "ARLN2"  
Modify line 3070 to read as follows:  
3070 Ni Price=It\_pqty=VAL(I\$(2))  
Add line 3695 to read as follows:  
3695 It\_pqty=NI\_price

Changes to "ICTX10"

Add line 1285 to read as follows:  
1285 INTEGER Iq\_sgn

Changes to "ICX80"

Modify these four lines to read as follows:

1040 Mi\_mdiss=Mi\_mdiss-It\_qoha  
1050 Mi\_ytdiss=Mi\_ytdiss-It\_qoha  
1060 Mi\_sales=Mi\_sales-It\_qoha\*It\_pq  
1090 Mi\_cgs=Mi\_cgs-Totdb\*Iq\_sgn  
Add line 1065 to read as follows:  
1065 Iq\_sgn=SGN(It\_qoha)

Fix information:

To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

Known Problem Reports as of 07/01/83

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KPR #: 9999005564 Product: OM

45190A

06.02

Keywords: HPIC

One-line description:  
LIFO-FIFO Reports - QOH not correct

Problem:  
For some inventory items the Costing Detail LIFO stack gets out of balance with the Quantity On Hand.

Cause:  
If an item has no entries in the Costing Detail data set and a zero quantity inventory transaction is applied, then when subsequent Costing Detail entries cause the LIFO stack to overflow, summation of the first and second entries of the stack does not take place. The value of the first entry remains zero; the second entry is lost. The situation is worsened as more entries (Net) are added to the stack. See also Service Request #5843.

Temporary solution:  
Modify line 2330 of program "ICTX10" as shown:  
Licomb1:IF Cd\_qty+Liqty1=0 THEN Li1z

Fix information:  
To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005565 Product: OM

45190A

06.02

Keywords: HPIC

One-line description:  
Problem with Sales Return Receipts in IC

Problem:  
Sales Returns incorrectly increment Cost of Goods Sold; Additionally, the following inventory item fields are prevented from ever going below zero - Month-To-Date issues, Year-To-Date Issues and Year-To-Date Sales - even when it is reasonable for them to do so.

Temporary solution:  
Modify program "ICX20" as follows:  
1050 ! IF Mi\_mtdiss<0 THEN Mi\_mtdiss=0  
1070 ! IF Mi\_ytdiss<0 THEN Mi\_ytdiss=0  
1100 ! IF Mi\_sales<0 THEN Mi\_sales=0  
1110 X20a:Mi\_cgs=Mi\_cgs-it\_pg\*it\_goha

Fix information:  
To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

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Known Problem Reports as of 07/01/83

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KPR #: 9999005601 Product: OM

45190A

06.02

Keywords: HPAR

One-line description:  
Problem when CUST data base is empty

Problem:  
In the ACCOUNTS RECEIVABLE MODULE, the CUSTOMER INQUIRY function will cause an error if the CUST data base is empty.

Temporary solution:  
The CUSTOMER INQUIRY function should not be run until there is at least one customer added to the CUST data base.

KPR #: 9999005608 Product: OM

45190A

06.02

Keywords: HPIC

One-line description:  
Problem with Unit Cost when Balance On Hand = 0

Problem:  
In several places in the IC Module, when the quantity on hand for an item goes to zero, the item cost is automatically reset to zero. This adversely affects the usefulness of some reports.

Temporary solution:  
In the programs listed, comment out the lines of code as shown:  
ICF3IM

2540 Putnew: ! IF Im\_qoh+Sd\_qoh+Hp100=0 THEN Im\_cst=0  
ICF4EI

2630 Putnew: ! IF Im\_qoh+Sd\_qoh+HP100=0 THEN Im\_cst=0  
ICF5EI

2380 Audit: ! IF Hp100=0 THEN Im\_cst=0

ICTX10

1800 Mi\_val=0

2610 Cmpdiff: ! Im\_cst=0

Fix information:  
To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

- OM -

KPR #: 9999005609 Product: OM

45190A

06.02

Keywords: HPIC

One-line description:  
GL Transactions have incorrect description

Problem:  
The pair of transactions written to GLTRAN from program ICTXCU during Inventory Control Posting often contain an incorrect transaction description.

Cause:  
The IN DATA SET statement of line 1350 automatically transfers the contents of the buffer to the program variables, including Gldesc\$, during each DBGET command executed against the GL-TRANS data set. The FIND statement of line 2000 is THREADED to the GL-TRANS data set; the implicit, directed DBGET commands of this FIND trigger the associated IN DATA SET statement leaving the variable Gldesc\$ containing the value of the last retrieved record. By the time the DBPUT statements of lines 2180 and 2230 are executed the content of Gldesc\$ is typically no longer the intended string, "IC TRANSACTIONS".

Temporary solution:  
Modify the program "ICTXCU" to incorporate the following new line of code:  
2145 Gldesc\$ = "IC TRANSACTIONS"

Fix information:  
To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005657 Product: OM

45190A

06.02

Keywords: HPIC

One-line description:  
Incorrect calculations for IC Turnover Report

Problem:  
A number of problems exist with the Inventory Turnover Report and with its accompanying user and technical documentation. In the upper right hand corner of the report various incorrect values appear in the report ID; the report ID should read "IC 012".  
The user documentation is incorrect in describing the formulas currently employed by the program for deriving the Value of On Hand inventory and the Days Supply Remaining. Thus, it is not possible for the user to verify the displayed values. Additionally, and especially in light of the erroneous documentation, it is difficult for the user to determine the meaning of negative numbers resulting from these computations.

Cause:  
The program "ICRP10" utilizes Quantity Available in computing both

Value On Hand and Days Supply Remaining. Quantity Available, used throughout the IC module, is defined as quantity-on-hand plus quantity-on-order minus quantity-allocated minus quantity-backordered. The use of Quantity Available is at variance with both the documentation and a common sense understanding of the items on the report. The remedy consists in substituting Quantity On Hand for Quantity Available. Note that Safety Stock is not a part of the Days Supply Remaining formula as stated in the documentation.

The incorrect displaying of report ID results from two incompatible uses being made of the REAL variable X.

Temporary solution:  
The following changes should be made to the Inventory Control Operator's Guide (Manual Part No. 45190-90010).

On page 1-8:  
a) Modify the Month-to-date Turnover formula to read -  
MTD Turnover = MTD Issues \* 12

b) Modify the Days Supply Remaining formula to read -  
Average on Hand  
Days Supply = Quantity on Hand  
Remaining -----  
Average Monthly Usage / 30.4

c) Delete the last two sentences on the page which read -  
"This gives supply remaining in months. To convert to days, the number of months is multiplied by 31."

On page 3-9:  
a) Modify the Days Supply Remaining formula to read -  
Days Supply = Quantity on Hand  
Remaining -----  
Average Monthly Usage / 30.4

On page 2-8 of the Systems Manager's Guide (47190-90020) make the same set of changes as have been specified for page 1-8 of the IC Operator's Guide.

Make the following additions/changes to program "ICRP10".

```
1145 REAL Xx
1850 Xx=999999
1860 If TRIM$(A$)<>"*****" THEN Xx=VAL (A$)
1870 If Xx>=Hp105 THEN Turnexit
1880 A$=FNDaysup$(Hp103,Mi_ave_use)
1890 Xx=999999
1900 If TRIM$(A$)<>"*****" THEN Xx=VAL (A$)
1910 If Xx<=Hp104 THEN Turnexit
```

In line 1930 change the 8th and 9th parameters of the PRINT USING statement to read:  
,Im\_cst\*Hp103,FNDaysup\$(Hp103,Mi\_ave\_use\*1),



Fix information:

To be fixed in Release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005732 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:

Problem caused by AR Post not updating all information

Problem:

Credit memos intermittently are being processed improperly during the Accounts Receivable Post function. In some instances, all the credit memos are processed but one or more may be left in the CREDIT data base after the posting.

Cause:

The serial deletion of entries from a manual master data set must deal with the possibility of migrating secondaries. A manual master data set uses a hashing scheme that involves synonym chains and migrating secondaries. This feature of IMAGE is described in the IMAGE/250 Programming Manual on pages 1-7 and 1-8.

Temporary solution:

This problem was reported several months ago and a temporary workaround was suggested at that time (SR#5029). The solution presented here is not a temporary workaround but is the actual fix made to handle this problem in the next release of Order Management, A.07.00.

The program to be modified is "ARFST3". All line numbers for these changes refer to the released version A.06.02 of the code. Add the following lines of code.

```
1251 INTEGER Db_mode, Db_arg
1252 SHORT Prev_inv
```

```
1471 Db_mode=2
```

```
2041 Next: DBGET (Base$, Ddset$, Db_mode, Status(*), Lst$, Buffer$, Db_arg)
2042 IF Step=2 THEN
2043   IF Db_mode=2 THEN
2044     IF Status(5)>1 THEN
2045       Db_mode=4
2046       Db_arg=Status(3)
2047       Prev_inv=Ni_inv
2048     END IF
2049   ELSE
2050     IF (Status(0)=17) OR (Prev_inv=Ni_inv) THEN
2051       Db_mode=2
2052       GOTO Next
2053     END IF
2054     Prev_inv=Ni_inv
2055   END IF
2056 END IF
```

Fix information:

To be fixed in release A.07.00.

Signed off 02/25/82 in release 07.00

KPR #: 9999005759 Product: OM 45190A 06.02

Keywords: HPAR

One-line description:

Rounding error when printing invoices in AR

Problem:

During the posting function of the Accounts Receivable Module, invoice totals that exceed 6 digit precision are reported with rounded values in the low order position.

Cause:

The reason for this rounding error can be traced to a function with a parameter that is of numeric type SHORT. A SHORT variable is stored with only 6 digit precision. This is a problem when the function is used to assign the value to a numeric variable of type REAL.

Temporary solution:

The program ARFST2 must be modified to correct this rounding error. The function, FNSet\_real, must be appended to the end of the program and where a numeric variable of type REAL was assigned a value using FNSet, the assignment statement must be changed to call FNSet\_real. FNSet\_real is identical to the function FNSet except for the fact that the new function always returns a value of type REAL.

All line numbers here are in reference to released version A.06.02. 5 lines must be added and 5 lines must be modified. The following lines must be added:

```
4880 !
4890 DEF FNSet_real(Old, New, Unamt, INTEGER Step)
4900 IF Step=1 THEN RETURN New
4910 Unamt=Unamt-MAX(0, New-Old)
4920 RETURN MAX(0, Old-New)
```

The lines to be modified are 3280, 3290, 3310, 3320, and 3460. They are assignment statements for the variables Op\_extpr, Op\_surr, Op\_fet, Op\_tax, and Op\_cost, respectively. The function name in these statements should be changed from "FNSet" to "FNSet\_real".

Fix information:

To be fixed in release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005843 Product: OM

45190A

06.02

Keywords: HPIC

One-line description:  
LIFO cost levels are incorrectly cleared during the POST function.

Problem:  
For some inventory items the Costing Detail LIFO stack gets out of balance with the Quantity On Hand.

Cause:  
The Activity Report which shares code with the Transaction Posting program "ICTX10" posts to the Costing Detail Data Set. This happens for both adds and deletes to inventory; On Hand Quantity remains unaffected.

Temporary solution:  
Modify program "ICTX10" to add the following:  
2265 IF (X=8) OR (X=20) THEN Avoid update  
2285 Avoid update: ! Avoid updating costing detail in Activity Rpt.  
2575 IF (X=8) OR (X=20) THEN Avoid delete  
2595 Avoid\_delete: ! Avoid deleting costing detail in Activity Rpt.

Fix information:  
To be fixed in Release A.07.00  
Signed off 02/25/82 in release 07.00

KPR #: 9999005866 Product: OM

45190A

06.02

Keywords: HPOE

One-line description:  
ERROR 18 occurs in Order Inquiry

Problem:  
In the program "OE16", when the 30 character string variable Tbuf\$ contains data beyond the 4th byte, then in line 3150, if the RPT\$ is called upon, it will attempt to send more bytes to Om\_credinit\$ than its 2 character size can handle.

Cause:  
The source of the data should be limited to the 3rd & 4th character positions of Tbuf\$.

Temporary solution:  
Modify the indicated line of "OE16" as follows:

```
3150 IF POS(Om_actstat&Tbuf$(1,2),"HC") THEN  
      Om_credinit$=RPT$(Tbuf$(3,4),Om_actstat$="HC")
```

Fix information:  
To be fixed in release A.07.00

Signed off 02/25/82 in release 07.00

KPR #: 9999005873 Product: OM

45190A

06.02

Keywords: HPAR

One-line description:  
Statement codes for credit memos incorrect

Problem:  
The statement codes for posted credit memos are reversed and give the impression that credits to invoices were unassigned and those unassigned were applied to invoices when the customer statements are printed.

Cause:  
This is due to an error in logic in ARPST3 when the codes are sent to the Statement data base.

Temporary solution:  
Correcting the logic error in ARPST3 to set the variable St\_code properly before sending information to the data base can be isolated to a one line change. In RELEASE A.06.02 the line requiring modification is 3040. This should be an assignment statement for variable St\_code and should be modified to read as follows:

```
3040 St_code=Step+1+10*NOT I*(Step=2)  
Note: Parenthesis added for clarification.
```

Fix information:  
To be fixed in RELEASE A.07.00  
Signed off 02/25/82 in release 07.00

KPR #: 9999005881 Product: OM

45190A

06.02

Keywords: HPAR

One-line description:  
Error 17 when running AR

Problem:  
Sporadically, a hard error #17 will occur in different programs of the Accounts Receivable module. The error always occurs for the statement:

```
IF Current_vol THEN DOOR UNLOCK ",&Vol$(Current_vol)
```

The error is sporadic in that it occurs in programs that have been running successfully and will run successfully the next time they are accessed.

Cause:  
The cause of the hard error is clearly due to large values for variable Current\_vol. However, it is unclear how the variable Current\_vol is being set to these large values.

Temporary solution:  
One alternative if the system is not floppy based is to remove all

statements of the form mentioned earlier. This is acceptable when the system is not floppy based because the statements that reference Current\_vol are not applicable in a fixed disc environment.

Fix information:

To be fixed in Release A.07.00

Signed off 02/25/82 in release 07.00

Known Problem Reports as of 07/01/83

KPR #: 9999003333 Product: OS-REV A 45130A

Keywords: COMM

One-line description:

LK3000 cannot transfer records beginning with :EOD from 250 to 3000

Problem:

The LK3000 utility program cannot transfer a file containing a record beginning with characters ":EOD" from the HP250 to the HP3000.

Fix information:

Do not use records beginning with ":EOD".

KPR #: 9999003334 Product: OS-REV A 45130A 01.01

Keywords: BASIC

One-line description:

REQUEST statement

Problem:

REQUEST statement does not clear the input buffer of a port of device class computer. The problem does not affect the operation of LK3000 utility program, but may affect programs being developed by users to drive computer ports. The problem may result in an execution error in an ON TRIGGER routine due to the fact that the port is in the input available state when the PRINT statement is executed.

Fix information:

The problem is under consideration.

KPR #: 9999003335 Product: OS-REV A 45130A 01.01

Keywords: OS

One-line description:

CONFIG.

Problem:

The user may abnormally terminate the CONFIG utility by entering certain control characters (such as shift home) into a remarks field.

Fix information:

Avoid using special characters in the remarks field. Will be fixed on a later revision.

KPR #: 9999003353 Product: OS-REV A 45130A 01.01

Keywords: REPORT

One-line description:

TIO / Report Writer

Problem:

When a report is active, the report writer will give an error 271 if a PRINTER IS statement is executed. With TIO, a PRINTER IS statement

used with report writer. As a result, T10 cannot be

Temporary solution: This is a basic incompatibility and no fix is currently planned. If T10 is being used, it will be necessary to use PRINT USING statements etc. to print a report.

KPR #: 9999003359 Product: OS-REV A 45130A 02.01

Keywords: REPORT

One-line description: Unexpected page header.

Problem: If a page trailer block is exited with a GOTO while a REPORT EXIT is active and then a STOP REPORT is executed, an unexpected page header is printed before the report exit output. This situation can also occur with a GOSUB and could be caused by a key interrupt.

Fix information: The problem is under consideration.

KPR #: 9999003415 Product: OS-REV A 45130A 02.01

Keywords: REPORT

One-line description: TRIGGER PAGE BREAK and System Error G

Problem: If immediately after the BEGIN REPORT statement, a softkey is pressed that leads to the END REPORT statement, then the first trailer is printed. After that, the first PAGE HEADER and then a System Error G.

Temporary solution:

1. If last break <>0 then trigger page break.
2. If numdetail(0) then end report.

Fix information: Fixed in OS release A.03.04.

Signed off 05/20/83 in release A03.04

KPR #: 9999003851 Product: OS-REV A 45130A 02.01

Keywords: OS

One-line description: Error in DUPL with 7 devices.

Problem: The utility "DUPL" leaves softkey #7 defined (when 7 devices are present) and then pressing it later (when the key should be undefined) cause error 153.

Cause: Programming Bug  
Temporary solution: Don't push the key.

Fix information: Fix planned for future release.

KPR #: 9999003863 Product: OS-REV A 45130A 01.02

Keywords: COMM

One-line description: LK3000 problem.

Problem: LK3000 terminates normally, but file is all blank records.

Cause: Three causes are possible  
A. If Termtype <> 10 (Logon with term-1,etc.) then LK3000 will get an PCOPY error and not report it.  
B. An error 68 is because the 250 file has all blanks.  
C. The first line of the 3000 file must be deleted for the 250 because it does not have a line number.

Temporary solution:

- The solutions below correspond to the causes above:
- A. Make sure termtype=10
  - B. Don't transfer files with all blanks
  - C. Delete first line from 3000 BASIC file before transferring.

Fix information: The above problems will be fixed on a later release of LK3000.

KPR #: 9999003934 Product: OS-REV A 45130A 02.01

Keywords: OS

One-line description: Error 90 in FORMAT program.

Problem: Intermittant Error 90s returned when long pass of FORMAT utility is run over 7906 Disc.

Cause: Movement of head combined with latency or rotation causes data overrun error in 1 to 5 percent of accesses when position verification is NOT requested by disc controller (as is the case in "READ FULL" and "WRITE FULL" commands).

Temporary solution: Retry the operation

Fix information:  
Proposed change to MMCMDS binary in REV 4.0 to retry all "READ FULL" and "WRITE FULL" commands which fail initially.

KPR #: 9999004199 Product: OS-REV A 45130A 02.01

Keywords: COMM

One-line description:  
Baud rate with 9600.

Problem:  
When a remote console runs at less than 9600 baud, the operating system always reports a self-test failure for the remote console.

Cause:  
Under investigation.

Temporary solution:  
Use 9600 baud or ignore error message. This problem does not exist on B.04.00.

KPR #: 9999004250 Product: OS-REV A 45130A 02.01

Keywords: OS

One-line description:  
Control halt on remote console.

Problem:  
After a control-halt, if the repeat key is held down the remote console beeps. If any other key is typed first, the problem will not show up.

Cause:  
Under investigation.

KPR #: 9999004358 Product: OS-REV A 45130A 03.00

Keywords: OS

One-line description:  
Media problem.

Problem:  
When record number 7 is changed using IBMWREC, the new label is not recognized until the diskette is removed and re-inserted in the drive.

Cause:  
IBMWREC statement doesn't change the volume table in the system when record 7 is written.

Temporary solution:  
After writing record 7 on IBM media, remove the diskette or use 'PRINT LABEL' statement to modify the label.

Fix information:

Will be fixed on a future release of the OS.

KPR #: 9999004397 Product: OS-REV A 45130A 02.01

Keywords: BASIC

One-line description:  
Print problem on 9871.

Problem:  
Using Escape Codes to 9871 printer does not give the desired result.

Cause:  
BASIC Manual is incorrect about the 9871 Escape Codes.

Fix information:  
This information was removed from BASIC Manual (45260-90051) 3rd Edition, because it is obsolete.

Signed off 08/23/82 in release 82.08

KPR #: 9999004443 Product: OS-REV A 45130A 03.00

Keywords: OS

One-line description:  
Error in RECOVER

Problem:  
RECOVER does not include as an error in the summary report files that are selected (in selected files mode) but not in the backup file.

Cause:  
Design flaw

Fix information:  
To be fixed on a future release.

KPR #: 9999004444 Product: OS-REV A 45130A 03.00

Keywords: OS

One-line description:  
Error in RECOVER

Cause:  
Program bug.

Fix information:  
To be changed in a future release to give a different error message if the file is a database backup file.

KPR #: 9999004445 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
Error in RECOVER

Problem:  
Incorrect completion message for catalog mode.

Cause:  
Termination flag is not correctly set at end of backup file catalog.

Temporary solution:  
Ignore message.

Fix information:  
Termination flag will be set to indicate end of catalog. Will be fixed in a future release.

KPR #: 9999004451 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
Need a warning if wrong volume inserted during RECOVERY.

Cause:  
Design flaw. Program does not check volume label first.

Fix information:  
No fix is planned at this time.

KPR #: 9999004460 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
INIT with IBM format.

Problem:  
MEDIA manual should read "Use interleave of 1 while formatting IBM single sided diskettes"

Fix information:  
Will be fixed with the next manual revision.

KPR #: 9999004464 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
TASK example.

Problem:  
Documentation error in 'Task' manual sample program does not terminate

when one hits 'enter'.

Fix information:  
Fixed in final version of the manual.

KPR #: 9999004467 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
HMEDIA problem.

Problem:  
Record 0 verify option of HMEDIA locks the door for an uninitialized floppy and does not unlock the door at completion (after error given).

Cause:  
Door unlock does not seem to work on uninitialized diskette.

Temporary solution:  
If you have an uninitialized diskette, don't run record 0 verify on it.

Fix information:  
Will be fixed in a later release.

KPR #: 9999004469 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
Blank screen with background task.

Problem:  
Remote console goes blank temporarily while attaching and detaching from background tasks.

Cause:  
Remote console "Screen refresh" problem.

Fix information:  
Screen refresh problem will be improved in a future release.

KPR #: 9999004552 Product: OS-REV A 45130A

03.00

Keywords: OS

One-line description:  
Error in RECOVER utility.

Problem:  
In some cases the recover utility does not detect disc directory errors and aborts with a program error.

Cause:  
Program bug in directory manipulation routine.

Fix information:  
To be fixed in a future release.

KPR #: 9999004553 Product: OS-REV A 45130A 03.00

Keywords: OS

One-line description:  
RECOVER utility error message.

Problem:  
Incorrect message displayed:  
Unable to obtain exclusive access to the source volume.  
Should be:  
Unable to lock door to the source volume.

Cause:  
Coding error.

Fix information:  
Will be changed in a future release.

KPR #: 9999004592 Product: OS-REV A 45130A 03.00

Keywords: REPORT

One-line description:  
System Error G with Report Writer.

Problem:  
System error G occurs when the following conditions arise  
1. BEGIN REPORT is executed.  
2. END REPORT is executed before any detail lines are printed  
3. One of the trailers executes a TRIGGER PAGE BREAK.

Temporary solution:  
TRIGGER PAGE BREAK initiates execution of the REPORT HEADER which wipes out an internal return address.  
Avoid conditions under problem description. E.G. always print a detail line if BEGIN REPORT is executed.

Fix information:  
Will be fixed in a future release by having END REPORT initiate REPORT HEADER.

KPR #: 9999004613 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
READ LABEL syntax wrong in BASIC/250 manual.

Problem:  
Error in documentation of READ LABEL statement on page B-29 of BASIC/250 Programming Manual. Page 6-17 is correct.

Fix information:  
Will be corrected when update of manual is performed.

KPR #: 9999004635 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Alternate character set code removed by system.

Problem:  
Line draw characters in unquoted DATA statement are not interpreted correctly for output. Example: DATA r,r,r  
Cause:  
DATA statements are not syntaxed until run time. A series of unquoted strings with line draw characters are treated as one until a READ statement occurs. Consequently, only one line draw SHIFT IN character is inserted in the line. The first READ will operate correctly. Subsequent READS of that DATA statement will not work correctly because there are no further line draw SHIFT IN characters. Any line draw characters in the second and later strings will be treated as alternate character set. A vertical bar is displayed if there are no alternate character set ROMs in the machine.

Temporary solution:  
Place quotes around strings in data statements (ie DATA "r", "r", "D-r") or place strings in separate DATA statements.

Fix information:  
No fix is planned due to the simple workarounds. A document is being considered.

KPR #: 9999004666 Product: OS-REV A 45130A 03.00

One-line description:  
Skipped values using IN DATA SET.

Problem:  
When using the IN DATA SET statement, a skipped field (either explicitly skipped with SKP in the variable list or implicitly skipped due to a match failure with USE ALL) is described by the IMAGE manual to be assigned a null value by DBPUT. This is not a correct description.

Cause:  
The IN DATA SET statement does not unpack skipped fields in DBGET, modify skipped fields in DBUPDATE, or pack skipped fields with any new value in DBPUT. The actual value of the field remains whatever value that portion of the string was most recently assigned.

Temporary solution:  
If a particular value is desired in skipped field, this value may be assigned to the string before the DBPUT. Note that the assignment A\$. "" does not reset the actual contents of the fields in the string A\$.

Fix information:

This problem cannot be fixed in IN DATA SET because existing programs depend on its current behavior. The documentation will be changed to correct its inaccurate description.

KPR #: 9999004688 Product: OS-REV A 45130A 02.01

Keywords: COMM

One-line description:  
Error in TIO documentation.

Problem:  
The program listing on p 3-12 through 3-14 does not work as stated.

Fix information:  
The change will be made when the TIO/250 programming manual is updated.

KPR #: 9999004702 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Trace explanation incorrect in manual.

Problem:  
Documentation of TRACE statement (pages 8-2 through 8-4) is misleading. Statement is: TRACE [beginning line ID], ending line ID]. The beginning line ID must be present in memory or tracing will never occur; the ending line ID turns off the trace only if that line number is encountered.

Fix information:  
This information is already included in the BASIC Manual (45260-90051) 3rd Edition.

Signed off 08/23/82 in release 82.08

KPR #: 9999004736 Product: OS-REV A 45130A 03.00

Keywords: IMAGE

One-line description:  
No means of purging an individual root file.

Problem:  
In the DBMODS utility, move root file option, the utility will copy the root file from the source to the destination volume and then encounter an Error 92 while trying to purge the old copy of the file.

Cause:  
The DBMODS utility did not correctly "close" or unassign the source file before attempting to purge it. This results in a reported error of 92 (file busy) with the source file left

on the source volume.

Temporary solution:  
The superfluous root file may only be removed by a DBPURGE <file spec>, "\*" statement. Because this will also remove any data sets on the original root file volume, they must be saved (using XCOPY) and restored afterward.

Fix information:  
This problem will be fixed in the next major operating system release. (increment of update or version level).

KPR #: 9999004739 Product: OS-REV A 45130A 03.00

Keywords: OS

One-line description:  
Disc transfer I/O errors while doing a disc transfer on a 7906.

Problem:  
Turning Printer off during Disc Access causes Disc Errors. Errors reported: Checkread Error, System Errors 80-90, "Door Open" status error. Problem has been reproduced with 2631 A/B and 2608A.

Cause:  
Cycling power on printer causes garbage to be dumped onto HPiB. If this happens during access to another HPiB device, the resulting garbage can be interpreted as erroneous data or status information.

Temporary solution:  
Leave HPiB devices in Power On state while system is in use.

KPR #: 9999004741 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
IMAGE documentation error

Problem:  
A DREPUT or DBDELETE to a manual master data set requires a data base lock that covers the entire set; this means that a DBLOCK should be mode 1 or 3. This is mentioned in the IMAGE manual, but not in the proper place. It needs to be mentioned in the section on DBLOCKS.

Fix information:  
This will be taken care of when the IMAGE manual is next updated.

KPR #: 9999004934 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Problem (System Error G) when doing DBOPEN and DBLOAD.



Problem:

When the utility programs DBUNLD or DBLOAD have a data base open, and any other user attempts to open the data base in mode 1 a System Error G results. This operation should result in a status error return of -1.

Cause:

This problem is caused by a bug in DBOPEN. The data base utilities use a special data base open which was not allowed for in one place in DBOPEN.

Temporary solution:

As the DBOPEN mode 1 will not be successful, do not attempt to open a data base while DBUNLD or DBLOAD have that data base open.

Fix information:

This problem will be fixed on a later system release.

KPR #: 9999004951 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:

Documentation of VAL function is misleading.

Problem:

The documentation of the VAL function is somewhat misleading. Examples of what is and is not valid need to be added:

VAL "string" will work on any string that begins with a real number or integer.  
 e.g. VAL "123AB" will return 123  
 VAL ".123AB" will return .123  
 VAL "AB123" will return an ERROR 32  
 VAL ".AB123" will return an ERROR 32  
 VAL "123AB123" will return 123

Fix information:

This information has been included in the BASIC Manual (45260-90051), 3rd Edition.

Signed off 08/23/82 in release 82.08

KPR #: 9999005016 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:

Error in Utilities Section of BASIC Manual.

Problem:

Some utilities in Appendix C are listed as residing on the SYSTEM disc; in fact, they reside on the disc labelled UTILITY.

Fix information:

- OS-REV A -

This section was removed from the BASIC Manual, (45260-90051), and put in the UTILITIES Manual.

Signed off 08/23/82 in release 82.08

KPR #: 9999005100 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
 DBMODS problem

Problem:

The DBMODS utility will copy a root file to a volume with an existing file of the same name but different type. Only root and data set files are allowed to share a file name on a single volume.

Cause:

DBMODS does check that a root file by the same name does not exist on the destination volume, but fails to insure that a file of the same name but different type (other than DSET) does not exist on the volume.

Temporary solution:

Check to see if a file already exists on the destination volume prior to using DBMODS.

Fix information:

A change is under investigation for a future release.

KPR #: 9999005126 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
 ROUTIL capacity mis-specified

Problem:

ROUTIL does not allow 130 files to be specified in the RODATA file as indicated by the Basic Programming Manual.

Cause:

Adding new 3.0 utilities (Backup, Recover, etc.) to ROUTIL's internal list caused the amount of user space to be diminished.

Temporary solution:

Use multiple RODATA files or the OTHER PROGRAM key.

Fix information:

List size will be increased in a later release.

- OS-REV A -

Known Problem Reports as of 07/01/83

Page: 93

KPR #: 9999005142 Product: OS-REV A 45130A

03.01

Keywords: OSDOC

One-line description:  
Bad IMAGE documentation

Problem:  
Data bases having a combined global and local DBCB length greater than 4240 bytes may require more than 32K bytes of user memory for DBUNLD and DBLOAD to operate. While this is documented in the section on Data Base Definition, it needs to be documented also in the section on DBUNLD in the chapter titled Data Base Utilities.

Fix information:  
This will be taken care of when the IMAGE manual is updated next.

KPR #: 9999005211 Product: OS-REV A 45130A

03.01

Keywords: OS

One-line description:  
Problem in XCOPY binary.

Problem:  
XCOPY issues error 851 if REPLACE option is specified and destination file space is too small. Currently 851 error is described as "Files not similar"

Fix information:  
Error message will be changed to: Files not similar or destination file space too small to be REPLACED.

KPR #: 9999005212 Product: OS-REV A 45130A

03.01

Keywords: OSDOC

One-line description:  
Error in Basic manual.

Problem:  
On page 2-12 in the section of string arrays, the amount of space used by the example DIM A\$(1,4,3) for option base 0 and option base 1 is incorrectly specified. The amount of memory taken for an implicitly dimensioned array is also incorrect.

Fix information:  
This information has been included in the BASIC Manual (45260-90051), 3rd Edition.

Signed off 08/23/82 in release 82.08

- OS-REV A -

Known Problem Reports as of 07/01/83

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KPR #: 9999005213 Product: OS-REV A 45130A

03.01

Keywords: OSDOC

One-line description:  
Error in BASIC manual.

Problem:  
If using the INDENT causes a line to exceed 160 characters, the line will be marked as protected (with an \*). You can no longer modify the line in its current state. (pages 4-49 to 4-30).

Fix information:  
This information is included in the BASIC Manual (45260-90051) 3rd Edition.

Signed off 08/23/82 in release 82.08

KPR #: 9999005253 Product: OS-REV A 45130A

03.01

Keywords: OS

One-line description:  
Error 84

Problem:  
An ERROR 84 is sometimes reported from DBPUT. This problem can be intermittent, and appears to depend on the hardware being used.

Cause:  
The data base system depended at one point on the contents of a hardware register which were not guaranteed to always be the expected value. This caused the DBPUT code to fail on certain machines.

Temporary solution:  
There is not a workaround for this problem. It may occur on single-user or multi-user machines.

Fix information:  
This problem has been corrected for release A.03.04

Signed off 01/28/83 in release 03.04

KPR #: 9999005262 Product: OS-REV A 45130A

03.01

Keywords: BASIC

One-line description:  
Problem with GET statement

Problem:  
Problem with 'GET' statement if you halt in the middle of a program and try to 'GET' a data file on a mass storage device other than the current MSI device, an Error 84 will occur.

- OS-REV A -

Cause:  
When interrupting a program by a halt, there are open files. When the GET statement is executed, the OS tries to deassign the open files and in doing that changes the pointer to the mass storage device. Therefore, the file wanted isn't found.

Temporary solution:  
In a program that is halted, use the 'ON HALT' statement to terminate the program with an END or STOP or MSI to the device that you want to get the data file from.

Fix information:  
Use the temporary solution for now, the fix will be made in a future release of the O.S.

KPR #: 9999005263 Product: OS-REV A 45130A 03.01

Keywords: COMM

One-line description:  
LK300 speed problem

Problem:  
LK3000 transfers much slower than 1200 baud over a 1200 baud modem to a series 30.

Cause:  
Term type is not properly set.

Temporary solution:  
When you log onto the 3000, use the parameter ";TERM=10".

KPR #: 9999005284 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
Problem in KATAKANA

Problem:  
The translation of the error message "NUMBER NOT IN QUOTES OR INVALID CHAR" into Katakana characters is incorrect.

Fix information:  
This problem will be fixed on the next major operating system release (increment of version or update level).

KPR #: 9999005285 Product: OS-REV A 45130A 03.01

Keywords: COMM

One-line description:  
LK3000 problems

Problem:  
1- Data transfer between HP250 and HP3000 via LK3000 is limited

to 230 bytes.  
2- LK3000 does not run faster than 2400 BAUD  
3- Block transfer HP250 --> HP3000 S30/33 fails

Cause:  
1- CPU/TERMINAL PROTOCOL. The maximum limit is 256, though.  
2- LK3000 was originally implemented on SERIES III which does not go faster than 2400.  
3- The 1918 MPE release for S30/33 is not compatible with LK3000 and Series II (block transfer)

Temporary solution:

1- Transfer records no larger than 170 bytes if you are interested in speed; larger records are considerably slower.  
2- None for series 30/33/44 users.  
3- A future release of LK3000 will fix this problem.

Fix information:

1- No change  
2- Considered for enhancement  
3- Considered for future change

KPR #: 9999005295 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Error in CASE statement

Problem:

The statement  
CASE 1 to "FRED" correctly gives a syntax error, but  
CASE "FRED" to 1 does not.  
The constants on either side of the to should be both numeric or both string.

Cause:  
There is an error in the syntax routine of the CASE statement.

KPR #: 9999005296 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Upper limit in CASE statement

Problem:  
CASE statement is allowed to have any integer value when listed, the modulus of integer is taken if over 32727.

Cause:  
A check is not made for a valid range.

Temporary solution:  
Make sure the CASE statement is within valid range.

Fix information:

This problem will be fixed on a future operating system release.

KPR #: 9999005297 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Error in BACKUP utility.

Problem:

Unable to back up a file >32767 sectors.

Cause:

Not handling a special case for files when the number of physical records is greater than 32767 but less than 65534.

Temporary solution:

Do not back up files > 32K sectors

Fix information:

Will be fixed in a later version.

KPR #: 9999005298 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Halt in BACKUP utility.

Problem:

Improper error handling and reporting if an error occurs during a LOADSUB.

Cause:

Error processing pointer improperly reset.

Fix information:

Will be fixed in a later version.

KPR #: 9999005315 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Error accessing sub-strings

Problem:

Error 95 occurs when trying to read a substring.

Cause:

The Operating System assumes that the string begins at the start of a physical record, therefore, when a string crosses a physical record, a check is made with this assumption causing and Error 95.

Temporary solution:

Read full strings or change the size of the logical records.

Fix information:  
Will be updated in future release of Operating System

KPR #: 9999005318 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
DBLOAD problem

Problem:

If while loading a detail data set with the DBLOAD utility, an automatic master associated with the detail fills up to capacity, the next detail record in the backup file requiring an additional automatic master entry will cause the utility to enter an infinite loop.

Cause:

The interpretation of the data base status error for a full automatic master data set by the DBLOAD utility is not correct. This causes the utility to repeatedly attempt to locate the data set and retry the failing DBPUT statement.

Temporary solution:

Avoid encountering a capacity overflow of automatic master data sets using DBLOAD.

Fix information:

This problem will be fixed on a future operating system release.

KPR #: 9999005333 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Print error

Problem:

Problem with PRINT ALL IS. User 1 does a PRINT ALL IS to a printer. User 2 locks the printer, either before or after User 1's PRINT ALL statement. Any output now to User 1's screen will cause error 133, including the entering of user commands. This prevents the user from changing PRINT ALL back to his console.

Cause:

Program bug

Temporary solution:

Have user 2 RELEASE the printer or user 1 do a control-halt.

Fix information:

No fix planned.

KPR #: 9999005345 Product: OS-REV A 45130A

Keywords: OS

One-line description:  
XCOPY limitation

Problem:

The XCOPY utility (page 4-34) copies data base root and data set files to new files without updating the root file data base name internally. As a result, if you attempt to access the XCOPY destination file with the new name, you will get an Error 80.

Cause:

The XCOPY documentation needs to state that XCOPY is intended as a facility to create backup copies of data base files. It is not intended to be a simple way to change a data base name.

Fix information:

This will be included in the next update of the IMAGE/250 Programming Manual.

KPR #: 9999005346 Product: OS-REV A 45130A 03.04

Keywords: BASIC

One-line description:  
Key definition problem

Problem:

If a softkey is defined in the main program without a label and also defined in a subprogram with a label, the label remains on the screen after the subprogram is exited. The label should be removed on subprogram exit.

Cause:

Program bug.

Temporary solution:

Redefine the key after subroutine returns or always use keys with labels.

Fix information:

A fix is under investigation.

KPR #: 9999005363 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Error in Basic Manual

Problem:

In the section on escape sequences on page A-12, there are some escape sequences shown that are incorrect:

Esc & lnF should be Esc & lnF  
Esc & lnV should be Esc & lnV  
Esc & lnM should be Esc & lnM

In all 3 cases, the 1 (one) should be changed to a lower case letter "l"

Fix information:

This will be corrected when the BASIC/250 Manual is revised.

KPR #: 9999005422 Product: OS-REV A 45130A 03.01

Keywords: COMM

One-line description:  
LK3000 problems.

Problem:

1) LK3000 "swallows" error messages from FCOPY when target file on 3000 is too small.  
2) In case above, the target file is not available after the copy.

3) Certain characters (such as shift-home and shift-clear) are transferred incorrectly to 3000 if 7-bit data link configured.

Cause:

1) Problem with LK3000 not displaying FCOPY messages.

2) Problem with LK3000 design/behaviour

3) User is communicating in a seven bit plus parity mode.

Temporary solution:

1) Let LK3000 allocate the file space

2) as above

3) Re-configure communications link to an 8-bit protocol or replace usage of special characters using CHR\$ function.

KPR #: 9999005426 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:

Data base problems on 7906

Problem:

A DBPUT to a database on the cartridge of a 7906 disc drive returns an error 83 or a status of 400 (write protect error) if the fixed platter but not the cartridge is write protected.

Cause:

The data base system performs a check for write protect status before initiating a DBPUT to a mass memory volume. If the most recent I/O operation performed on the 7906 was to the fixed platter the check will return the status of the fixed platter rather than the cartridge.

Temporary solution:

Because no actual write is performed to the fixed platter

in this situation, the problem may be avoided by leaving the write protection for the fixed platter turned off.

Fix information:  
This problem will be fixed on the next major operating system release (increment of version or update level).

KPR #: 9999005470 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Error 1 from CONFIG error

Problem:  
When the IMAGE DROM is not configured, an error will intermittently occur when doing a DBERASE.

Cause:  
If you're not using IMAGEU, the assumption is that you are using the Binary "DBUTIL". The problem was reproducible from the sample programs. The problem is not with the 2 types of IF-THEN statements, as the interpreter compacts the expanded version to the compact version. The problem appears to be the binary linked to the program which gives the error. In the past, we have occasionally seen where one bit in a binary doesn't get transferred. Follow these steps: SAVE the erroneous program under a new name and LOAD the good one. Then do a SCRATCH (which will erase the program but not the binary). GET the program you SAVE'd under a new name. RESTORE the program under it's original name. It should now have a good version of of the binary and run correctly.

KPR #: 9999005480 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Erroneous characters on remote

Problem:  
When a remote console is powered up, sporadic characters may appear on the screen. Usually a null or 7 (seven) character.

Cause:  
Bits are sent down the RS-232 line upon power-up. The resulting character(s) are kept by the HP250 in the CRT buffer area. Pressing the resume key will only redisplay what is in the CRT buffer.

Temporary solution:  
Since the Remote should not normally be powered off and on while running, a control Halt should be executed prior to doing any work on a Remote. This will be done automatically if jumper 9 on the ASI panel is set to B and Pin 20 (data terminal ready) is used when cabling the Remote

KPR #: 9999005483 Product: OS-REV A 45130A

Keywords: BASIC

One-line description:  
Error 2 using Spool files

Problem:  
10 PRINTER IS "SPOOL1"  
20 PRINTER IS "SPOOL2"  
30 GOTO 10  
This program leads to an ERROR 2, which is memory overflow. This shouldn't happen when you're merely declaring the printer and not actually writing to it.

Cause:  
A possible (and plausible) explanation is that the computer stores value in quotes literally. This would cause a gradual decrement in memory each time the PRINTER IS statement is executed. Eventually the entire memory is gone.

Temporary solution:  
10 A\$= "SPOOL1"  
20 B\$= "SPOOL2"  
30 PRINTER IS A\$  
40 PRINTER IS B\$  
50 GO TO 30  
By assigning the spool name to a string and then setting printer to the string name, the problem can be avoided.

KPR #: 9999005522 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
System Error G with SORT.

Problem:  
When the statement "10 SORT BY S(1) DES" is created in SPACE DEPENDENT mode a system error M is generated.

Cause:  
This problem occurs in operating system routines during the conversion of the "SORT BY" statement from source form to internal (program) form.

Temporary solution:  
Avoid the combination of the array specifier and the "descending" option in the SORT BY statement in SPACE DEPENDENT mode.

Fix information:  
This problem will be fixed on the next major operating system release (post A.03.04).

KPR #: 9999005530 Product: OS-REV A 45130A

03.01

Keywords: IMAGE

One-line description:  
SE G in DBDELETE

Problem:  
If a DBDELETE of a detail data set entry is attempted where the corresponding master entry does not exist, a SYSTEM ERROR G results. This situation may be created by a user using DBERASE or XCOPY.

Cause:  
The DBDELETE statement assumes that the master entry for a given detail entry will always exist, and returns a system failure status to the operating system if this is not true. This assumption is not valid, resulting in a situation where a user can cause a system error.

Temporary solution:  
Avoid using DBERASE or XCOPY on master data sets without including the corresponding detail data sets in the operation.

Fix information:  
A change to return an error number or a data base status error is under investigation.

KPR #: 9999005534 Product: OS-REV A 45130A

03.04

Keywords: OS

One-line description:  
ROUTIL does not copy ACCEPT

Problem:  
ROUTIL does not copy the Accept binary under the RUN-ONLY copy option.

Cause:  
The binary was not placed on the list within ROUTIL when it (ACCEPT) was released (A.03.04).

Temporary solution:  
Use a small RODATA file containing ACCEPT to copy it, as a separate step.

KPR #: 9999005539 Product: OS-REV A 45130A

03.01

Keywords: IMAGE

One-line description:  
Editor problem.

Problem:  
In the EDITOR program, enhanced text at the beginning of a line is lost.

Cause:  
The EDITOR believes that it is stripping the line number field off. Note that this has the appearance of wiping out entire lines if 1) the line begins with an enhancement, or 2) the line is completely enhanced.

Temporary solution:  
Make sure that the first column following the line # is not enhanced. The remainder of line may contain any combination of enhancements.

KPR #: 9999005556 Product: OS-REV A 45130A

03.01

Keywords: IMAGE

One-line description:  
Problem with DBCREATE

Problem:  
When DBCREATE makes a detail set, it should erase the path information in any related master that is already created. It will fail to do this if the master is on a volume with a higher volume number than the detail and DBCREATE was called with no <set list> parameter.

Cause:  
There was a flaw in the algorithm for deciding which data sets already exist when DBCREATE is called with no <set list> parameter.

Temporary solution:  
Always use the <set list> option if you are creating a single data set.

Fix information:  
This problem will be fixed on the next release of the operating system.

KPR #: 9999005585 Product: OS-REV A 45130A

03.01

Keywords: COMM

One-line description:  
Problem using program on 3000 from LK3000

Problem:  
COBOL "ACCEPT" in program being run via LK3000 causes LK3000 to hang with "OUTPUT ERROR" visible.

Cause:  
HP3000 can issue an FREAD directly to a terminal for a specific number of characters. When this happens, if the user responds with a like number (or more), TIO detects that the 3000 refused to acknowledge receipt of the CR or excess and reports the error.

Temporary solution:  
In COBOL, use REDEFINE to allow a read of 160 characters and access

to the actual data desired in the beginning of that buffer. Then the 264X and HP250 interface to the program look alike.

Fix information:  
Fixed in version A.04.00

KPR #: 9999005590 Product: OS-REV A 45130A 03.04

Keywords: BASIC

One-line description:  
Print overflow problem not on 3.01

Problem:  
PRINT USING "DDD";123 gives an overflow. Does not work properly.

Cause:  
A variable was changed from A.03.01 to A.03.04. This variable was changed by mistake causing this overflow to occur.

Temporary solution:  
Do not use this format with A.03.01.

Fix information:  
The fix will be made in the next release of the Operation System.

Signed off 06/28/82 in release 03.06

KPR #: 9999005599 Product: OS-REV A 45130A 03.04

Keywords: OS

One-line description:  
2608 doesn't print German characters

Problem:  
When sending special characters to the 2608, (e.g. german A) they won't print unless you put an escape sequence around each character.

Cause:  
The alternate character ROM is not being initialized when the system powers up.

Temporary solution:  
Before printing anything to the printer do the following:  
PRINTER IS # (whatever you have it set to)  
PRINT CHR\$(148)  
This will initialize the ROM.

Fix information:  
This problem will be fixed on the next release of the operating system.

KPR #: 9999005680 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Handling Nulls on 3.04

Problem:  
CATLIN function of CATBIN utility returns "NULL" instead of an ASCII NULL or a null string.

Cause:  
The documentation for CATBIN utility is misleading or incorrect on this point. A string containing "NULL" has always been returned for a null directory entry: Not a string containing the null character: Not the null string.

KPR #: 9999005687 Product: OS-REV A 45130A 03.04

Keywords: BASIC

One-line description:  
System hangs when Spooling Trace output

Problem:  
System hangs when spooling Trace output from a running program.

Cause:  
User return stack increments beyond allocated return stack area and wipes out the following table area.

Temporary solution:  
Avoid spooling trace output.

Fix information:  
Under investigation.

KPR #: 9999005696 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
SE G following a DBOPEN

Problem:  
When an incorrect data base mode is used in a DBOPEN statement, the correct data base status is returned (-31) but a LOAD SUB statement executed immediately afterward causes a SYSTEM ERROR.

Cause:  
When the incorrect data base mode is detected by DBOPEN, the process of opening the data base and allocating the data base control blocks is only partially completed. After the error is detected, DBOPEN does not completely undo all of the work already done.

Temporary solution:  
Avoid using an incorrect open mode in the DBOPEN statement.



Fix information:  
A fix for this problem is under investigation.

KPR #: 9999005707 Product: OS-REV A 45130A 03.04

Keywords: OS

One-line description:  
System Error M With 2631B

Problem:  
System Error M when using a 2631B attached to a remote 250.

Cause:  
The 2631B expects it's data in 7 Bit code. We operate in 8 bit code. In order to set the 2631B up for 8 bit code, we send an escape sequence to set it to 8 bit and in this code some of the registers aren't set correctly.

Fix information:  
There will be a fix on the next 0.S. release.

KPR #: 9999005716 Product: OS-REV A 45130A 03.04

Keywords: OS

UTIL

One-line description:  
Problem running INIT and PFORM

Problem:  
PFORM used with INIT can cause an error 86 when none should occur.

Cause:  
PFORM loads its second module (PFORM) by doing a READ LABEL A\$(\*) and then trying to load from each device in order. It tries to load from the LOCKED floppy being initialized before trying the correct volume. This can also happen if you do not specify VOLUME on the form(s) being printed.

Temporary solution:  
Do not use these programs together.

Fix information:  
To be fixed in a future release.

KPR #: 9999005718 Product: OS-REV A 45130A 03.04

Keywords: IMAGE

One-line description:  
DBERASE with blank maintenance word hangs remotes

Problem:

If a maintenance word for a DBCREATE, DBERASE or DBPURGE statement is specified that ends in one or more blank characters, the maintenance word will not be correctly recognized.

Cause:  
The routine that recognizes and checks the maintenance word is intended to ignore blank characters. If the string specified ends in a blank character the maintenance work check does not complete properly.

Temporary solution:  
Avoid specifying trailing blanks in the maintenance word string for DBCREATE, DBERASE and DBPURGE.

Fix information:  
A fix for this problem is under investigation.

KPR #: 9999005724 Product: OS-REV A 45130A 03.04

Keywords: IMAGE

One-line description:  
System Hang with SORT

Problem:  
If a SORT BY statement is executed in a subprogram with a non-key data item from the second data set of a thread, an error 236 is returned if the data item variable is dimensioned in COMMON and referred to with an IN DATA SET IN COM statement in the main program.

Cause:  
This appears to be a problem in the IN DATA SET IN COM statement.

Temporary solution:  
Avoid the IN COM option of the IN DATA SET statement.

Fix information:  
The fix for this problem is under investigation.

KPR #: 9999005725 Product: OS-REV A 45130A 03.04

Keywords: IMAGE

One-line description:  
Problem with QUERY and subprograms

Problem:  
If the DATA BASE statement in QUERY is used to specify a new data base name, and then a RUN command immediately executed to invoke a user supplied subprogram, the subprogram encounters errors because the new data base has not been opened.

Cause:  
The DATA BASE statement saves the new data base name and closes the

statement is executed.

Cause:  
The PREDICATE statement operates by constructing a string assignment to its variable parameter from its set name, item name, relational operator and item value fields. This assignment statement does not work correctly in all cases, causing problems with the program stack.

Temporary solution:  
Avoid string expressions in the item value field of a PREDICATE statement.

Fix information:  
A fix for this problem is under investigation.

KPR #: 9999005736 Product: OS-REV A 45130A 03.04

Keywords: FORMS

One-line description:  
Numeric input in FORMS

Problem:  
Documentation for FORMS does not explicitly describe what happens when an empty field is read from a form using ENTER or INPUT.

Cause:  
Oversight. Behaviour: when an empty field is read from a form using ENTER or INPUT, the variable which would have received the value is not affected. This is intended to allow easy default value handling.

Temporary solution:  
To detect an empty field, initialize the receiving variable to an illegal value and then test it after the ENTER or INPUT. (Reading an empty field does not result in an error).

KPR #: 9999005760 Product: OS-REV A 45130A 03.04

Keywords: OSDOC

One-line description:  
Error in BASIC Manual

Problem:  
Reference Table A-9 states that "ESC n" will bring 2631A/B on line from a "soft" off line state. This escape function will not work when sent by a 250 user.

Cause:  
The 250 handles I/O to the 2631 by polling the 2631 prior to data output. If the 2631 is offline, it won't respond to the poll and won't get the command to come on line.

Temporary solution:

old data base but does not open the new data base. The QUERY statements: ADD, REPLACE, INFO, FIND, etc. open the data base but the RUN command does not.

Temporary solution:  
Avoid the DATA BASE statement when using user-supplied QUERY sub-programs or always perform another statement between the DATA BASE and RUN commands that open the data base.

Fix information:  
A fix for this problem is under investigation.

KPR #: 9999005727 Product: OS-REV A 45130A 03.04

Keywords: COMM

One-line description:  
LK3000 limitation

Problem:  
LK3000 can transfer only 32K records.

Cause:  
Design oversight. Used integer for a counter.

Temporary solution:  
Don't transfer /files/ > 32K until fixed.

Fix information:  
Will be fixed in A.04.00.

KPR #: 9999005728 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Statement missing in TIO manual

Problem:  
The OFF TRIGGER # statement has been omitted from:  
B-1 of TIO manual 45120-90001  
P23 of Manual Index (45251-90045)  
p77 of Syntax Reference (45251-90050)

Fix information:  
The problem will be corrected when each manual is updated next.

KPR #: 9999005731 Product: OS-REV A 45130A 03.04

Keywords: IMAGE

One-line description:  
Problem with concatenation in PREDICATE

Problem:  
Certain types of string expressions used in the item value field of a PREDICATE statement cause a subsequent system hang after the

Ignore the manual.

Fix information:

Basic Manual will be changed to eliminate ESC n as a valid function for 256 to 2631 communication.

KPR #: 9999005761 Product: OS-REV A 45130A 03.04

Keywords: REPORT

One-line description:

Error 267 in Report Writer

Problem:

Error 267 is generated when page header exceeds half a page

Cause:

In Report Writer Drom wrong offset is used. Instead of picking up lines in page trailer (as stated in documentation) program picks up page header and thus if page header is greater than 1/2 page will give error. Also, the count for page trailer is ignored which could result in page trailer exceeding full page (with no error message displayed).

Temporary solution:

Try to keep page header less than 1/2 page. Make sure the sum of the page header and page trailer does not exceed a full page.

Fix information:

This bug will be fixed in a future release of the Operating System.

KPR #: 9999005762 Product: OS-REV A 45130A 03.04

Keywords: OSDOC

One-line description:

REPORT WRITER/250 Manual error

Problem:

Page 4-7 of this manual defines effective page = Page size (blank lines top + blank lines bottom + lines in PAGE HEADER + lines in PAGE TRAILER). This is incorrect. It should read: Effective page = Page size - (blank line top +....+ lines in PAGE TRAILER).

Fix information:

This will be changed when the REPORT WRITER/250 Manual is next updated.

KPR #: 9999005781 Product: OS-REV A 45130A 03.01

Keywords: COMM

One-line description:

LK3000 not compatible with Series 44

- OS-REV A -

Problem:

LK3000 not compatible with Series 44.

Cause:

LK3000 File transfer fails because block transfer does not work correctly on the 3000/44.

Fix information:

Will be fixed in B.04.00

KPR #: 9999005782 Product: OS-REV A 45130A 03.04

Keywords: FORMS

One-line description:

Problem with FORMS in 3.04-Extra copies are printed

Problem:

When entering a series of lines from a form, the first line is inputted as many times as the # of lines entered. Cursor effectively never advances to the next input field.

Cause:

When a CURSOR IF(X) is used, the O.S. does not advance the cursor to the next input field. It stops on the same input field therefore always entering the same line.

Temporary solution:

When using the 'ENTER' statement, add another string to the 'ENTER' statement which will advance the cursor to the next input field but do not print the 2nd string to your spoolfile (i.e. ENTER T\$[1,76]\$.S\$[1,1] PRINT T\$[1,76])

This will advance cursor to next field.

Fix information:

The fix will be made in the future release of the O.S.

KPR #: 9999005784 Product: OS-REV A 45130A 03.04

Keywords: OS

One-line description:

Shift clear does not clear all input lines

Problem:

If line 24 or 21 has an input field that is protected and that line extends beyond the screen, when a shift clear is used, the input field is not cleared (on remotes only).

Cause:

Check for total lines is made before field is cleared.

Temporary solution:

Do not extend last line beyond the screen.

- OS-REV A -

Fix information:

Will be updated in future release of O.S.

KPR #: 9999005785 Product: OS-REV A 45130A 03.04

Keywords: BASIC

One-line description:  
Error 83 when assigning backed-up file to a write protected disc.

Problem:  
Assigning a backed-up file on a write protected disc gives error 83.

Cause:  
ASSIGN executes a check to see if back-up bit should be turned off. During the check, the disc is tested for write protect. This check does not always detect that the disc is really write protected so it tries to turn off back up bit which, in writing to the disc directory, generates error 83.

Temporary solution:  
If the backed up file needs to be read, either unprotect disc and assign that file, or copy that file to an unprotected disc.

Fix information:  
ic be fixed on a future release.

KPR #: 9999005787 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Data Recovery error message specifies failure occurring on flex disc

Problem:  
In INIT Program, data recovery error always specifies error occurring on flexible disc.

Cause:  
Erroneous error message.

Temporary solution:  
The error will always occur on the disc being initialized. Ignore message indication the error occurring on the flexible disc if it is not being initialized at the time of the error.

Fix information:  
To be fixed on a future release.

KPR #: 9999005811 Product: OS-REV A 45130A 03.04

Keywords: BASIC

One-line description:  
Problem with SHIFT HOME CLEAR in TASKS

Problem:  
Characters appear when doing a SHIFT HOME CLEAR when you are not attached to a task. The characters just flash and go away.

Cause:  
Transmission of incorrect characters.

Temporary solution:  
If characters stay on the screen hit RESUME, otherwise there are no permanent side effects.

Fix information:  
A fix is under investigation.

KPR #: 9999005823 Product: OS-REV A 45130A 03.04

Keywords: OS

One-line description:  
"More devices" message not removed from display in INIT.

Problem:  
More devices softkey is not removed from display after selecting initialize or purge all.

Cause:  
There was no off key statement that included this softkey.

Temporary solution:  
Ignore key.

Fix information:  
Fixed in a future release.

KPR #: 9999005827 Product: OS-REV A 45130A 03.05

Keywords: BASIC TEXT

One-line description:  
Problem when deleting line numbers, then loading subprograms

Problem:  
If the "LOAD SUB" command is used with starting point and line inc. which will cause extremely long line numbers, no error will occur and will load the subprogram file. The subprogram lines as a result may be greater than 4 digits and/or protected.

Cause:  
Although a check is made in the OS, the check does not consider if the numbers get very big.

Temporary solution:  
Be sure that the increment and starting line numbers are not very big\* (approaching 5000 each).

Fix information:  
This problem will be fixed in a future release of the Operating System.

KPR #: 9999005833 Product: OS-REV A 45130A 03.01

Keywords: IMAGE

One-line description:  
DBLOADing set by set does not work if multiple volumes used

Problem:  
If a backup file produced by the DBUNLD utility occupies more than one volume, it is not possible to perform a load of an individual set from the file using the DBLOAD utility. The utility gives the error message "BACKUP VOLUMES OUT OF ORDER" if the individual set resides on a second backup volume.

Cause:  
This problem is caused by an error in the portion of the DBLOAD utility which switches from one backup volume to the next. This switching of volumes is not done correctly for an individual data set load.

Temporary solution:  
Avoid breaking up a backup file on multiple volumes or unload data sets individually if they will need to be loaded individually.

Fix information:  
A fix for this problem is under investigation.

KPR #: 9999005903 Product: OS-REV A 45130A 03.01

Keywords: OSD0C

One-line description:  
Need additional documentation for LEX function

Problem:  
Description of the LEX function on p 3-14 needs more information. The LEX function works only when the EUROPE DROM is configured.

Fix information:  
Fix will be made when manual is updated.  
Signed off 08/23/82 in release 82.08

KPR #: 9999005906 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:  
Printer problems with katakana

Problem:  
1. Katakana is not printed to 2608A.  
2. See SR #6330

Cause:  
1. Selecting of katakana as a secondary language on 2608A is not being done by the software.

2. See SR #6330

Temporary solution:

1. Send escape sequence to explicitly select Katakana as secondary character set.
2. See SR #6330

KPR #: 9999005944 Product: OS-REV A 45130A 03.06

Keywords: OS

One-line description:  
EDITOR aborts when modifying 160 character lines

Problem:  
EDITOR aborts when used to "MODIFY" lines which are 160 columns long.

Cause:  
The EDITOR attempts to display a line which (with line number displayed) is too long.

Temporary solution:  
Use "MODIFY QUIET" to change long lines.

KPR #: 9999006017 Product: OS-REV A 45130A 03.06

Keywords: IMAGE

One-line description:  
Enhancements to DBMODS

Problem:  
The DBMODS utility only allows 15 characters for a data base maintenance word, although the data base utility statements permit 16 characters to be used.

Cause:  
The entry form and the password modification section of the DBMODS utility does not allow for the proper number of characters.

Temporary solution:  
Avoid using a 16 character maintenance word.

Fix information:  
This problem will be fixed on a future operating system release.

KPR #: 9999006019 Product: OS-REV A 45130A 03.06

Keywords: SORT

One-line description:  
Invalid pointers printed to SORT work file

Problem:  
If the value of a SHORT variable greater than 32767 is printed to a SORT workfile, the value printed will always be 32768 instead

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of the correct value.

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Cause:  
The portion of the PRINT# statement associated with workfiles does not properly convert SHORT values to the 16-bit integer values printed to a workfile if the value is in the range 32768 to 65534. This problem only arises with data sets of capacity greater than 32767 data entries.

Temporary solution:  
Avoid using SHORT variable values to print to workfiles. REAL values work correctly and may be used instead.

KPR #: 9999006311 Product: OS-REV A 45130A 03.06

Keywords: OSDOC

One-line description:  
Improper variable in workfile size function in SORT manual.

Problem:  
Page C-5 of the SORT/250 Manual  
"Numkeys" should read "Num\_keys"  
Fix information:  
Will be fixed in next update or revision of SORT/250 manual.

KPR #: 9999300002 Product: OS-REV A 45130A 02.01

Keywords: COMM

One-line description:  
LK3000 problem.

Problem:  
Transfer of records that contain trailing blanks from 3000 to 250. The trailing blanks are stripped off.

Cause:  
FCOPY on the 3000 strips the blanks off.

Fix information:  
No Fix planned at this time.

KPR #: 9999300074 Product: OS-REV A 45130A 02.03

Keywords: BASIC

One-line description:  
"10 rem;" treated as a line label in Space Dependent mode.

Temporary solution:  
Don't use colon after REM statement while in Space Dependent mode.

Fix information:  
This information has been acknowledged. When an update for the Basic/250 programming manual is done, a section describing the situation will

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be added in the appropriate place.

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Signed off 08/23/82 in release 82.08

KPR #: 9999300081 Product: OS-REV A 45130A 02.08

Keywords: BASIC

One-line description:  
Accessing files larger than 32768 records.

Problem:  
Records greater than 32768 can not be accessed and causes an error 84 to occur.

Cause:  
There is a bug in the file system which tries to use a signed 16 bit multiply instruction where a 16 bit unsigned multiply instruction should be used.

Temporary solution:  
Use data files no larger than 32768 records long.

Fix information:  
This bug will be fixed in the next release.

KPR #: 9999300097 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Documentation Error in Basic Manual.

Problem:  
The syntax for the CATALOG statement is incorrect. The CATALOG statement can be found on page 6-13 and page B-9.

Fix information:  
The corrected syntax should read as follows:  
CAT[ALOG] ["catalog spec] [volume spec], [file type]  
It will be included in next update of BASIC/250 Programming Manual.

KPR #: 9999300100 Product: OS-REV A 45130A 02.08

Keywords: BASIC

One-line description:  
Invalid alternate characters

Problem:  
Danish characters "AE" and slashed "0" are not shifted properly using UPC\$.

Cause:  
The look up table in the Operation System (collating table) had the

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wrong character codes for these letters.

Temporary solution:

Write a Basic function which will shift these special characters and then call UPC\$. Following is an example of how the function can be written:  
 ! Routine to shift special Danish Characters AE and Slash 0  
 ! Use Function FNUpc\$(A\$) instead of UPC\$(A\$)  
 !  
 !  
 !

```

DEF FNUpc$(A$)
DIM B$(255)
FOR I=1 TO LEN(A$)
IF (NUM(A$(I))=214) OR (NUM(A$(I))=215) THEN
ELSE
GOTO Swap
B$(I)=UPC$(A$(I))
END IF
NEXT I
RETURN B$
Swap:
    
```

Back: NEXT I  
 RETURN B\$  
 Swap:!

Fix information:

This bug will be fixed in a future release of the operating system.

KPR #: 999300107 Product: OS-REV A 45130A 03.00

Keywords: OS

One-line description:

Getting a System Error G at every program termination.

Problem:

Intermixing creates and assigns of IBM character files which start at the same address cause system error G at the end of program (deassigning files).

Cause:

The exclusive access assignment of a file starting at the same address as a previously assigned file should not be allowed. If all files are created before any are assigned this error condition is detected. However, if one file is both created and assigned, before a second file is created and assigned, before a second error will not be detected.

Temporary solution:

CREATE IBM character files starting at same address previous to any assignment.

Fix information:

Will be fixed in a later release.

KPR #: 999300127 Product: OS-REV A 45130A

03.01

Keywords: OS

One-line description:  
 INIT should remove protected tracks from disc.

Problem:

Accessing protected tracks causes Error 90.

Cause:

INIT program does not erase the "P" or protect bit for 7906 discs.

Temporary solution:

Have the CE run the format program to remove the "P" bit on protected tracks.

Fix information:

Will be fixed on a future release.

KPR #: 999300167 Product: OS-REV A 45130A 03.01

Keywords: OSD0C

One-line description:

Memory requirements are not documented

Problem:

EDITOR does not load in a 32K partition when typing aid keys are defined.

Cause:

The EDITOR program requires all but 400 bytes of memory in a 32K partition. Since typing aid keys occupy space in the user area, based upon actual definitions, Editor will always run with no keys defined or less than about 400 bytes of definition.

Temporary solution:

Run EDITOR with a minimum set of keys (or none) defined.

KPR #: 999300201 Product: OS-REV A 45130A 03.01

Keywords: OS

One-line description:

Directory Corruption with DBSTORE

Problem:

Load, Store, Copy commands can damage program files.

Cause:

In some rare cases, bits could be dropped during the transfer between a disc and memory. Generally this is indicative of a hardware failure that will cause the entire system to start failing. However, a single or rare failure of this type may not be noticed. A program

that is being STORE'd when this happens would operate incorrectly, possibly resulting in a system crash or loss of data.

Temporary solution:  
 Programs that are suspected of this type of problem should be SAVE'd and then resyntaxed with a GET. The program can then be RESTORE'd.

KPR #: 9999300203 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
 Dimensioning in COMMON with subprograms.

Problem:  
 On page 2-20, it is stated that for corresponding COM statements in separate programs and subprograms, strings must have the same number of characters dimensioned. This is misleading. It should read that once you dimension a string in common it is automatically dimensioned to the same size in all subsequent subprograms; it is true that you cannot alter the dimension of a string once it has been established in a COM statement.

For example:  
 10 ! Main Program  
 20 COM A\$(2), B\$(100)

```

100 SUB X
110 COM A$, B$
    
```

In line 110, the strings A\$ and B\$ are automatically dimensioned to the lengths established in line 20.

Fix information:  
 Will be included in next update to the BASIC manual.

KPR #: 9999300237 Product: OS-REV A 45130A 03.04

Keywords: OS

One-line description:  
 9871 printer problem

Problem:  
 Using German character set with the 9871A. When printing characters that use the umlaut symbol, some are printed on top of each other and sometimes the Umlaut is not printed.

Cause:  
 It appears that it occurs when using the RPT\$ function.

Temporary solution:  
 Use a do loop rather than the RPT\$ function with a semicolon at the end for print suppression.

Fix information:

A fix for this problem is under investigation.

Signed off 01/11/82 in release 03.05

KPR #: 9999300252 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
 Basic Manual error

Problem:  
 On page C-36, the documentation states that the CATLINE statement returns a null string to the string variable, if an entry is not found at that location. This is incorrect. If an entry is not found at that location, a string equal to "NULL" is returned.

Temporary solution:  
 To make the sample program run correctly, change line 100 to:  
 100 IF Line\$="NULL" THEN 120 !don't print NULL lines.

Fix information:  
 This change will be made when the manual is next updated.

KPR #: 9999300263 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
 Basic documentation error

Problem:  
 On page 89, in the explanation of CATFILE, the documentation states that the optional dset string evaluates to a null string for Root files. This is misleading. For the sake of clarity, it should read that the dset string evaluates to a string of two ASCII null characters.

Fix information:  
 This change will be made when the manual is next updated.

KPR #: 9999300264 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
 Syntax reference error

Problem:  
 On Page 111 (in the section on TIO/250 errors), under Error 320-322, it reads refer to page 88. This is incorrect. It should read refer to page 108.

Fix information:  
 This change will be made when the manual is next updated.



KPR #: 9999300265 Product: OS-REV A

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03.01

Keywords: OS

One-line description:  
Problems with 2631B printer

Problem:

When repeated "PRINTER IS" statements using suppressed carriage return, line feed are sent to a 2631B, the escape sequence "&K11" issued with the "PRINTER IS" statement is sometimes printed.

Cause:

When the system is outputting data and a width is set, all characters sent to the printer are counted, even the escape characters. If the character count is equal to the width, a carriage return; line feed is put in the buffer. This masks the escape character, so the characters after the escape aren't interpreted as part of it and therefore are printed.

Temporary solution:

When doing a "PRINTER IS", set WIDTH -1.

Fix information:

A fix for this problem is under investigation.

KPR #: 9999300267 Product: OS-REV A

45130A

03.01

Keywords: OS

One-line description:

Form Feed on 2608 not correct if page length not configured to 66.

Problem:

After dynamically resetting form length for 2608A printer, form-feed function fails to work correctly. Form feed causes advance of defined form length rather than advance to top of form.

Cause:

Vertical Forms Control stop for Top of form is not downloaded to 2608A from 250.

Fix information:

Fixed on next release of O.S.

KPR #: 9999300295 Product: OS-REV A

45130A

03.01

Keywords: BASIC

One-line description:  
Syntax check errors

Problem:

PRINT #<NO>:<"STRING LITERAL">{;} causes system Error G. In Revision 2.3 this statement was considered incorrect. When the MEDIA drum was added this became correct so syntax of expression was changed.

Cause:  
The combination of the string literal and either a comma or a semicolon is causing the problem.

Temporary solution:  
Don't use the semicolon or comma at end of expression or substitute a string variable for string literal.

Fix information:

This problem will be fixed in a future release of the operating system.

KPR #: 9999300302 Product: OS-REV A

45130A

03.01

Keywords: OS

One-line description:

Schema calculating wrong Global DBCB-length

Problem:

When \$CONTROL Notable is specified, the wrong global data base Control Block length is calculated.

Cause:

The schema program calculates the length of the data base in the routine which prints the table, and if the table is not printed the calculation is not made.

Temporary solution:

Always print out the table.

Fix information:

This problem will be fixed in a future release.

KPR #: 9999300303 Product: OS-REV A

45130A

03.01

Keywords: BASIC

One-line description:

Printer is statement using 2631B returns error 131

Problem:

Declaring "PRINTER IS" to 2631B which is currently locked by another user sets up a potential Error 131 as soon as user declares an alternative device or file for output. If no output has been directed to the 2631B by the user declaring Printer Is.

Cause:

Escape sequence is loaded into output buffer for 2631B upon declaring Printer Is. This buffer is "DIRTY" and subsequent change of device will cause an attempted flush of 2631B's output buffer. If device is locked, error 131 results.

Temporary solution:

Use REQUEST command previous to declaring Printer Is.

Known Problem Reports as of 07/01/83

Fix information:  
Will be corrected in the next update.

KPR #: 999300320 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Error in BASIC programming manual

Problem:  
Incorrect syntax for PRINT# on page 6-35.

Temporary solution:  
Square brackets should indicate that all syntax is optional after and including the ";".

Fix information:  
Will be corrected in next update.

KPR #: 999300321 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Error in BASIC programming manual

Problem:  
Page 6-38, Paragraph 2 should read, in part:  
"The word pointer is an integer expression from 1 to (bytes-per-rec/2) +1. It specifies where the first word of data is to be printed. If the word pointer is exactly one greater than the highest word in the record, that word pointer will address the first word of the next record.  
Example: There are 256 bytes per record. The word pointer is 129. The following, therefore, are equivalent:  
PRINT #1,1,129  
PRINT #1,2,1

Fix information:  
Will be corrected in the next update.

KPR #: 999300322 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Error in BASIC Programming Manual

Problem:  
Numerous errors in example on 6-41.

Temporary solution:  
These lines should read as follows:  
120 IF UPC\$(Part\$(1,4))="DONE" THEN Done  
160 Pr:PRINT #1,Record,25;Cost1  
170 READ #1,Record,29;Qty

Known Problem Reports as of 07/01/83

Fix information:  
No fix planned.

KPR #: 999300314 Product: OS-REV A 45130A 03.04

Keywords: IMAGE

One-line description:  
System Error M when using IN DATA SET

Problem:  
System Error M occurs if  
-IN DATA SET is used and contents in a numeric defined item  
is ASCII (non-numeric)

Cause:  
When putting data in, the contents aren't properly checked.

Temporary solution:  
Use unpack instead of IN DATA SET.

Fix information:  
May be fixed in future release of operating system.

KPR #: 999300318 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Error in BASIC programming manual

Problem:  
First sentence on page 4-9 should read:  
"If the initial value is greater than the final value when the loop is entered, the loop counter is set to the initial value and the loop is not performed."

Fix information:  
Will be corrected in the next update.

KPR #: 999300319 Product: OS-REV A 45130A 03.06

Keywords: OSDOC

One-line description:  
Error in BASIC programming Manual

Problem:  
Page 4-19, paragraph 5, sentence 4 should read:  
"Softkey TWO is disabled because the priority of softkey ONE is above that of softkey TWO."  
Paragraph 6, sentence 1 should read: "Now both keys are of equal priority when softkey ONE is active."

180 PRINT #1,Record,29,Qty\*Qty1  
190 PRINT Part\$,Cost1,Qty1

Fix information:  
Will be corrected in the next update.

KPR #: 9999300323 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Error in BASIC programming manual

Problem:  
Page 6-49, "Trapping EOR and EOF conditions", paragraph 1 should read:

"The ON END# statement is triggered by encountering a logical or physical EOF during READ#, or a physical EOR during direct READ#, or a logical EOR during direct PRINT#."

Fix information:  
Will be corrected in next update.

KPR #: 9999300324 Product: OS-REV A 45130A 03.01

Keywords: OSDOC

One-line description:  
Error in BASIC programming manual

Problem:  
"PRINT USING" example on 7-33 should read:  
"230 PRINT USING "5(DX)";1,2,3,4,5"

Fix information:  
Will be corrected in the next update.

KPR #: 9999300327 Product: OS-REV A 45130A 03.04

Keywords: SORT

One-line description:  
Two consecutive FIND's on a workfile cause ERROR 3

Problem:  
Sometimes when the FIND statement is used twice in a row with a certain thread combination an error will occur (error number can change depending upon previous instructions). No error should be returned at all.

Cause:  
In the SORT Drom some pointers were not read from the workfile. As a result of this SORT got lost and gave an error message.

Temporary solution:

Perform the "WORKFILE IS" statement before the 2nd FIND statement and the error will not occur.

Fix information:

This problem will be fixed in a future release of the O.S.

KPR #: 999905141 Product: OS-REV A 45130A 03.01

Keywords: BASIC

One-line description:  
Cannot use ROUTIL on RJE

Problem:  
\*\*\*\*\*NOTICE\*\*\*\*\*

Due to the fact that STARS I had separate data bases for 125/250/300 and 3000 product lines, certain SR's had the same SR number. This SR is one of those, so instead of having a 9999 prefix, it has a 99999 prefix in order to differentiate it from the 3000 SR having the same number.

ROUTIL does not recognize data comm files.  
MRFP06, can report an ERROR 260 in line 3840.

Cause:  
Insufficient capacity to store the names of the data comm files in ROUTIL's file list. Increasing the list size will cause memory overflow.

Temporary solution:  
Create an RODATA file containing the file names or copy each one over individually using the OTHER PROGRAM key in ROUTIL or the XCOPY binary. RODATA is described on page C-32 in the Basic Manual.

Fix information:  
ROUTIL will be redesigned to permit an increased number of HP files.

Known Problem Reports as of 07/01/83

Temporary solution:  
Don't enter a print using statements without a semicolon.  
  
Fix information:  
Will be fixed on next release of the operating system.  
Signed off 04/18/83 in release B05.00

KPR #: 9999006074 Product: OS-REV B 45230A 04.00

Keywords: IMAGE

One-line description:  
DBSTORE file over 65,535 sectors not handled properly

Problem:  
The DBSTORE binary will not correctly store data bases to a device, (typically a 600 ft cartridge tape,) when 1) there are more than 2 data sets and 2) the backup occupies more than 65,535 sectors. The statement will write past the end of the file instead of asking for another volume.

Cause:  
The DBSTORE binary was improperly using the available space on the media in calculations when it should have used the available space in the backup file.

Temporary solution:  
Backup large data bases 1 set at a time.

Fix information:  
Will be fixed on the next release of the operating system.

Signed off 04/18/83 in release B05.00

KPR #: 9999006177 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
'DOOR LOCK' on the tape does not work correctly

Problem:  
If tape cartridge door is locked and the unload button is pressed, the user will get an error 80. The unload button should be ignored by the system when the door is locked.

Cause:  
B.04.00 LINUS prohibited all transaction when a button push is pending, even though the unload request may be denied later because the door is locked.

Temporary solution:  
Allow all transactions to proceed until the tape is actually unloaded.

Known Problem Reports as of 07/01/83

KPR #: 9999006000 Product: OS-REV B 45230A 04.00

Keywords: CONFIG

One-line description:  
Incorrect available space shown in DROM edit section

Problem:  
In config:  
If DROM overflow configured for TSKID #1, "largest available space" and "total available space" in DROM edit section are incorrect.

Cause:  
Special Binary used by config did not work right for user 1.

Temporary solution:  
Don't put DROM overflow in user1 block.

Fix information:  
Fixed in version B.04.02.

Signed off 06/29/82 in release 04.02

KPR #: 9999006027 Product: OS-REV B 45230A 04.00

Keywords: GPL

One-line description:  
Only one GPL character set can be used at any specific time

Problem:  
Only one user could use a GPL/250 software character set at a time. Character set was not opened in READONLY mode.

Cause:  
Character set file was not opened in READONLY mode.

Fix information:  
Fixed in B.04.02 GPL/250. Character set file is now opened in READONLY mode.

Signed off 04/18/83 in release B04.02

KPR #: 9999006048 Product: OS-REV B 45230A 04.00

Keywords: BASIC

One-line description:  
Improper PRINT statement hangs system

Problem:  
Syntax of a Print Using statement without a semicolon will hang the user and may cause a system error.

Cause:  
For B.04.00 the calling procedure for the error routine to display the "missing;" error message was incorrectly modified.

Fix information:  
Fixed in B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006178 Product: OS-REV B 45230A 04.00

One-line description:

7908 gives spurious door open errors.

Problem:

7908 gives spurious door open errors.

Cause:

With marginal power or faulty regulator board, a partial reset situation may occur. Disc polls unexpectedly with 0 Gstat and 0 status. System responds by handling as door open. The disc really wants release but is not asking for it correctly.

Temporary solution:

Fixed in Rev. E disc firmware. Patch made to B.04.02 to detect 0 Gstat and send release.

Fix information:

Fixed in B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006179 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:

FVBACK recovers wrong size directory

Problem:

FVBACK will recover a backup file to a device with a different directory size.

Cause:

FVBACK utility doesn't check to see if directory size of destination device is the same as the backup file when recovering. Should report an error.

Temporary solution:

Make sure the directory size of the device being recovered is the same as the backup. If not, re-initialize disc to the same directory size.

Fix information:

Fixed in B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006180 Product: OS-REV B 45230A

04.00

Problem:

If one user is doing a sort or find and another user is accessing the data base with other operations, a system error could occur.

Cause:

The SORT & FIND statements do not use the same locking scheme as the rest of the data base statements.

Temporary solution:

Don't do Sorts or Finds when other users accessing the data base.

Fix information:

Fixed in B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006182 Product: OS-REV B 45230A 04.00

Keywords: REPORT

One-line description:

System error in REPORT WRITER with PRINTER IS

Problem:

System error occurs in REPORT WRITER if a PRINTER IS statement is executed.

Cause:

When the Report Drom is in a secondary drom block, the system incorrectly calls it to report an error message.

Temporary solution:

Don't execute 'PRINTER IS' when report writer active.

Fix information:

Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006183 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:

System error using TIO

Problem:

System error when using TIO "ON OUTPUT" statement and terminals.

Cause:

A very time critical communications problem exists between the operating system and the ASI board. Sometimes the operating system can lose track of the ASI board state. This happens only when using terminals.

Fix information:  
Fixed in version B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006184 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:  
Error 0 in FVBAC

Problem:  
FVBAC issues an error 0 if no backup files exist on the disc chosen to recover from.

Cause:  
FVBAC error routine does not report the correct error message.

Temporary solution:  
If you see an error 0 when trying to recover, make sure that there are backup files on the source device.

Fix information:  
Fixed in B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006185 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
Can't boot from CS 80 disc if no ASI

Problem:  
Sometimes can't boot up from CS 80 disc if no ASI board present.

Cause:  
The system doesn't wait long enough for a CS80 device to complete its clear sequence.

Temporary solution:  
Don't boot from CS80 disc.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006186 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
Garbage displayed on remote when scrolling

Problem:  
Garbage is sometimes displayed when scrolling on a remote console.

Cause:  
The cursor position escape sequence can be interrupted resulting in two consecutive escape chars to go to the remote. This problem is very rarely seen.

Temporary solution:  
Push the resume key if the display appears wrong or a line is missing.

Fix information:  
Fixed in version B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006187 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:  
Backup doesn't work with full directory

Problem:  
BACKUP utility will not backup a device that has an entry in the last entry of the directory.

Cause:  
End of loop condition not tested properly.

Temporary solution:  
Purge last file in directory before backing up.

Fix information:  
Fixed in version B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006188 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:  
FVBAC issues incomplete error message

Problem:  
FVBAC can issue incomplete error message at the end of backing up.

Cause:  
Error message routine forgets the error # when the overlay is not found.

Temporary solution:  
Don't remove device that has FVBAC program when backing-up or recovering.

Fix information:  
Fixed in version B.04.02 (REV 'E' of FVBACK).

Signed off 05/21/82 in release 04.02

KPR #: 9999006189 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:

Some incorrectly configured systems fail to boot up

Problem:

On some systems without a main console and multiple users, the system may not boot up if there is not enough memory for USER 1.

Cause:

The 'POWER' module of the operating system does not correctly re-assign task priorities when memory is short.

Temporary solution:

Don't mis-configure users or make sure principal workstation is user #1.

Fix information:

Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006190 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:

Second softkey set incorrectly labelled in HMEDIA

Problem:

Mislabelling of softkeys in HMEDIA if more than 7 devices.

Cause:

The three levels of softkeys were not being redefined, only the first.

Temporary solution:

Only use the first level of softkeys if more than 7 devices.

Fix information:

Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006192 Product: OS-REV B 45230A

04.00

Keywords: UTIL

One-line description:

Error 36 or 32 with IBM media when running INIT

Problem:

INIT...once IBM format has been selected but you change your mind and go back to selecting a new device, you get error 36 or 32.

Cause:

A variable was not being reinitialized.

Temporary solution:

Abort INIT and start over.

Fix information:

Fixed in version B.04.02

Signed off 05/21/82 in release 04.02

KPR #: 9999006194 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:

FVBACK writes past end of backup file

Problem:

FVBACK writes past the end of the backup file.

Cause:

A math error in FVBACK space calculation results in the backup file being too small.

Temporary solution:

Don't have any files on the tape immediately after the last backup file.

Fix information:

Fixed on version B.04.02. Rev "E" of FVBACK.

Signed off 05/21/82 in release 04.02

KPR #: 9999006195 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:

Softkeys can be incorrectly labelled in the IMEDIA utility

Problem:

IMEDIA mislabels the device softkeys sometimes.

Cause:

If the floppy is not the first device in the device table, IMEDIA

labels the wrong softkey. This was not previously discovered because the floppy used to always be the first device.

Temporary solution:  
Make sure the floppy is the first device in the device table by removing one or more devices.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006196 Product: OS-REV B 45230A 04.00

Keywords: COMM

One-line description:  
LK3000 does not accept "YES", only "Y"

Problem:  
LK3000 does not accept "YES" as a positive response, only "Y".

Cause:  
Program not designed to accept 'YES'.

Temporary solution:  
Type 'Y'.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006197 Product: OS-REV B 45230A 04.00

Keywords: FORMS

One-line description:  
System error with DELETE FORM statement

Problem:  
DELETE FORM statement causes system error if more than one character set was used to create the form.

Cause:  
The forms drom does not call a display routine correctly when it is in the secondary drom block.

Temporary solution:  
Don't use foreign or line-draw characters in forms.

Fix information:  
Fixed in B.04.02.

Signed off 04/18/83 in release B04.02

KPR #: 9999006198 Product: OS-REV B 45230A

04.00

Keywords: OS

One-line description:  
Switching tasks on remote console can sometimes cause system error.

Problem:  
When attaching or detaching to a task that is actively displaying, a system error can occur. (only on remote console).

Cause:  
When the task drom is in a secondary drom block, it does not call a display routine correctly.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006199 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
Key labels for keys 9-24 can be lost

Problem:  
When soft keys 9-24 are defined in main program and a subprogram is called that does an "OFFKEY#", the labels for keys 9-24 in the main program can be lost.

Cause:  
The module "SUBPG" in the operating system that was changed for B.04.00 was not changed correctly.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006200 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
CAT,CHAR with IBM media causes system error

Problem:  
CAT,CHAR to IBM floppy causes system error.

Cause:  
The Media Drom checked the wrong variable to do the selective catalog. Because of this, it went through the error handling routine. The error handling routine had a bug in it so it improperly popped the return stack.



Temporary solution:  
Use CAT command without any options.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006201 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
Automatic underline on RS-232-C printer fails

Problem:  
OS doesn't turn underline off with RS-232-C printers at end of line.

Cause:  
System was dealing with RS232 printers as though they were terminals.

Temporary solution:  
Don't turn underline on without turning it off in your program.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006202 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
Invalid door open errors reported on 7906

Problem:  
Door open errors are sometimes reported on 7906 disc drive, even when door has not been opened.

Cause:  
The 7906 drive can sometimes interrupt the system with a 0 status. The operating system incorrectly interprets this as a door open condition.

Temporary solution:  
Replacement of the disc controller may help.

Fix information:  
Fixed in version B.04.02.

Signed off 06/30/82 in release 04.02

KPR #: 9999006203 Product: OS-REV B 45230A

04.00

Keywords: OS

One-line description:  
PRINT #1, I causes system error with IBM media

Problem:  
PRINT #1, I to a file on IBM media causes system error.

Cause:  
A variable was being reset so that the statement was executed improperly.

Fix information:  
Fixed on B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006204 Product: OS-REV B 45230A 04.00

Keywords: UTIL

One-line description:  
XREF & LK3000 don't allow printer ID >9

Problem:  
XREF & LK3000 programs don't allow a printer ID greater than 9.

Cause:  
Program was not designed to use ID's greater than 9.

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

KPR #: 9999006205 Product: OS-REV B 45230A 04.00

Keywords: OS

One-line description:  
7910 drive faults not re-tried.

Problem:  
An off-track drive-fault error is not re-tried by the disc driver. The result is that some 7910's will report excessive error 81's.

Cause:  
The disc driver does not generally retry drive fault errors. However, in the case of the 7910 drive, an off-track condition can be fixed by re-trying. Thus, certain types of drive faults should be re-tried by the disc driver.

Temporary solution:  
Replace 7910 or use A.03.06 OS.

Known Problem Reports as of 07/01/83

04.00

45230A

KPR #: 9999006244 Product: OS-REV B

One-line description:  
HMEDIA will not allow record 0 to be recovered

Problem:  
Using HMEDIA to recover bad disc sector 0, error "SPARE RECORD 0 NOT FOUND" is always returned even when spare is good.

Cause:  
HMSUB1 tries to lock the disc before validating the Device. The system tries to read record 0, and failing, returns error 85. For some reason, this is translated to the above message. The device should be validated first, causing the read of record 0 not to be done.

Signed off 04/18/83 in release B05.00

04.00

45230A

KPR #: 9999006248 Product: OS-REV B

Keywords: OS

One-line description:  
'DEL' character is not displayed in softkey labels

Problem:  
The DEL character, ASCII 127, cannot be displayed in softkey labels. Instead it, and any label characters that follow it in that line of the softkey are displayed at the current cursor position. These characters on the screen are "phantoms" - the 250 does not know of their presence there. Affects only the 2622D.

Cause:  
The DEL character is normally ignored in transmissions and so must be sent in a special way. This special sequence is not recognized by the 2622D when receiving a line of a softkey label. Instead of putting the characters in the label, they go on the screen.

Temporary solution:  
The key is defined correctly and operates correctly. Only the label is missing characters.

04.00

45230A

KPR #: 9999006257 Product: OS-REV B

Keywords: OS

One-line description:  
Garbage appears when printing to a 2631 and a 2608 simultaneously

Problem:  
When a 2608A printer is on address zero, and a 2631A/B printer is on address one, garbaged data may be printed on the 2631 when both printers are printing simultaneously.

Known Problem Reports as of 07/01/83

Fix information:  
Fixed in version B.04.02.

Signed off 05/21/82 in release 04.02

04.00

45230A

KPR #: 9999006207 Product: OS-REV B

Keywords: IMAGE

One-line description:  
Errors with DBCREATE on single detail set

Problem:  
DBCREATE creating a single set in an existing database gives system error on Amigo discs or error 90 on CS80 discs. Depends on size of set being created.  
PROBLEM OCCURS WITH DBUTIL BINARY AS WELL.

Cause:  
A routine reading the set into a buffer does a 15 bit compare rather than 16 bit. Computes improper transfer length when amount to be read is >32267 sectors. May cause a read outside of buffer which causes system error or may send bad command to CS80 disc.

Temporary solution:  
Add a check of the read amount to avoid case where >32267 sectors are being read.

Signed off 04/18/83 in release B05.00

04.00

45230A

KPR #: 9999006215 Product: OS-REV B

Keywords: OS

One-line description:  
Errors cataloging IBM media

Problem:  
CAT "filename:" of an IBM format floppy lists the names, but lists six characters followed by 2 Nulls.

Cause:  
The routine called to get each filename to see if it fits the specification inserts a null word after the sixth character, where it should be after the eighth character. Problem in the MEDIA DROM.

Temporary solution:  
The list of files is correct. As long as IBM file names are 6 characters or less, ignore the nulls.

Signed off 04/18/83 in release B05.00

KPR #: 9999006273 Product: OS-REV B

45230A

Keywords: OS

One-line description:  
Task hangs if accessing disc during tape initialization.

Problem:  
Attempted access of disc used to initialize LINUS tape causes user hang.

- Cause:
1. The initialize function of LINUS is a hardware function which uses the attached disc as buffer storage.
  2. The INITLZ binary locks (for exclusive access) only the tape drive, which allows users to 'wait' for the disc to become ready.
  3. The disc only becomes ready again when the initialize completes.

Temporary solution:  
Do not access the disc when initializing LINUS tapes or do not allow initializing LINUS tapes when the disc is being accessed.

KPR #: 9999006313 Product: OS-REV B

45230A

Keywords: OS

One-line description:  
Roman extension characters not printed on 2622D thermal printer

Problem:  
The thermal printer on the 2622D will not print characters from the Roman Extension set until a "PRINT CHR\$(148)" is executed.

Cause:  
XIO DROM did not initialize secondary. As a result, the 2622D driver thought that the printer was already switched to alternate character set.

Temporary solution:  
Print CHR\$(148) after system powers on.

Fix information:  
Will be fixed on next release of operating system.

Signed off 04/18/83 in release B05.00

KPR #: 9999300430 Product: OS-REV B

45230A

Keywords: OS

One-line description:  
Changing page length on 2608 resets LPI

Problem:  
If the page length for a 2608 is changed using an escape sequence the lines per inch used is always reset to 6.

Cause:  
A bit in the escape sequence parameter specifying the lines per inch to be 6 or 8 was not getting set if the 2608 was configured to be 8 lines per inch.

Signed off 04/18/83 in release B05.00

KPR #: 9999300444 Product: OS-REV B

45230A

Keywords: OS

One-line description:  
Executing a "GET" while a database is open results in a sys error

Problem:  
Executing a 'GET' with a data base open may result in a system error.

Cause:  
The operating system closes the data base before executing the 'GET' statement, but fails to reset a buffer pointer correctly. The 'GET' statement does not initialize the pointer.

Temporary solution:  
Execute a 'STOP' before doing 'GET'.

Fix information:  
Will be fixed on a future release of the operating system.

Signed off 04/18/83 in release B05.00

KPR #: 9999300490 Product: OS-REV B

45230A

Keywords: OSDOC

One-line description:  
Utilities manual does not describe batch selected mode for BACKUP

Signed off 04/18/83 in release B05.00

KPR #: 9999300491 Product: OS-REV B

45230A

Keywords: OSDOC

One-line description:  
P. 38 of Syntax ref. SCRATCH Y should read SCRATCH V

Problem:  
HP250 Syntax Reference Manual (manual 45260-90063) page 38. SCRATCH command syntax should be "SCRATCH V" not "SCRATCH Y".

Fix information:  
Will be corrected in the next update of the Syntax Reference.

Signed off 04/18/83 in release B05.00

Known Problem Reports as of 07/01/83

Page: 145

KPR #: 9999300500 Product: OS-REV B

45230A

04.00

Keywords: OS

One-line description:  
Error 104 - (previously undocumented) - on printing to a DATA file.

Signed off 04/18/83 in release B05.00

KPR #: 9999300514 Product: OS-REV B

45230A

04.02

Keywords: OS

One-line description:  
Loss of data on eng-ack printers

Problem:

While doing ENG/ACK handshake, if 15 seconds got by without an ACK from the printer, the HP250 continues sending data. If the printer is offline, out of paper, or disconnected, data is lost.

Cause:

Design deficiency...HP3000 does ENG/ACK protocol this way; also, an ACK could have been missed by the HP250.

Fix information:

Will be fixed in next release of operating system.

Signed off 04/18/83 in release B05.00

Known Problem Reports as of 07/01/83

Page: 146

KPR #: 9999300486 Product: TEXT

45160A

01.00

Keywords: TEXT

One-line description:  
Print format commands in manual show improper spacing.

Problem:  
The following commands should never have spaces around the "-" signs:

SET PAGESIZE-; HEADING-; SPACING-; FLAG-; FOOTING-; NEED-;  
SKIP-; PAGENUMBER-; DEFINE name-; LIST ...-; PRINT-.

Temporary solution:

the extra blanks that appear in print format statements will be removed in the next update of the manual. In the meantime, do not use blanks in such statements.



# HP service request form

SR # \_\_\_\_\_ (HP only)

Customer report no. \_\_\_\_\_

Date \_\_\_\_\_

Submitted by \_\_\_\_\_

Firm name \_\_\_\_\_

Division \_\_\_\_\_

Street \_\_\_\_\_

System Mgr. \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Phone no. (\_\_\_\_) \_\_\_\_\_ ext. \_\_\_\_\_

Specific location of system in plant \_\_\_\_\_

System model \_\_\_\_\_  
(e.g., 3000/III)

Operating System \_\_\_\_\_  
(e.g., AMIGO A.01.01)

System Serial No. \_\_\_\_\_

Product Name \_\_\_\_\_  
(e.g., BASIC A.00.05) v uu ff

Problem description (include environment, symptoms, what you were trying to do, what went wrong and any other information that might be helpful).

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Supportive documentation included with report.

MEDIA

DESCRIPTION

MEDIA	DESCRIPTION
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**250 SSB (5955-3237)**

**Issue 3 (7/83)**

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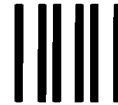
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