

HP 1000 SOFTWARE STATUS BULLETIN

15 MARCH, 1985



DATA SYSTEMS DIVISION
Cupertino, California

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P R E F A C E

This Software Status Bulletin (SSB) documents all known problems in the HP 1000 software product line, as of the date shown. 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 SE. 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: XX.XX.". When a new software release is made for the product line, all problems that were corrected in that release are reported in the Software Update Notice for that release and the KPR's are removed from the SSB.

The SSB is distributed in complete form once every calendar quarter. Between quarterly issues, bi-monthly issues containing only problems documented since the last SSB issue are distributed. This means, that to have a complete list of all outstanding problems you must have the last quarterly issue and all monthly 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 revision code of the current software release and the previous software release for the product line. Additionally, the current and previous revision codes are given for each product contained in the product line.

PRODUCT INDEX

The bi-monthly issues have one product index. The quarterly issue also has one index, which references the problems that were documented since the last bi-monthly issue. 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 revision code) 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. New entries in the Quarterly Issue are denoted by an asterisk in the keyword index.

KNOWN PROBLEM REPORTS

Each report contains all the available information relevant to the symptoms, cause and fix of the problem as well as any temporary workarou

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Hewlett-Packard
ATTN: Service Requests
3300 Scott Boulevard
Santa Clara, CA 95051

Hewlett-Packard
ATTN: Service Requests
1765 The Exchange, Suite 100
Atlanta, GA 30339

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8 CHANNEL MUX-A MEF	12792A	23.01	00.00
8 CHANNEL MUX-B L/A	12040B	23.01	00.00
8 CHANNEL MUX-B MEF	12792B	23.01	00.00
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Keyword	Product number	uu.ff	Description	KPR number	page
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- MACRO/1000 -

Keyword	Product number	uu.ff	Description	KPR number	page
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Keyword	Product number	uu.ff Description	KPR number	page
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	92084 MANUAL	23.40 Software Installation Manual doesn't refer to Primary System Config	5000031856	14
	92084 MANUAL	23.40 Formula for file sizes > 32767 wrong in RTE-6/VM CI Users Manual	5000034603	15
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Known Problem Reports as of 03/04/85

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KPR #: 5000037937 Product: 8 CHANNEL MUX-B L/A 12040B

00.00

Keywords: MUX-8 CHANNEL

One-line description:

System hangs when request is made to an uninitialized mux port

Problem:

When reading from a nonconfigured port, interface driver can be scheduled by DD.00. continuously trying to service a never-ending request.

Cause:

The multiplexer driver did not check for uninitialized ports.

Fix information:

Fixed for A.85

Known Problem Reports as of 03/04/85

Page: 2

KPR #: 5000040014 Product: EDIT/1000

92074A

00.00

Keywords: EDIT/1000

One-line description:

-S option doesn't create scratch on CR specified

Problem:

The scratch file location cannot be controlled under the CI file system. The manual implies that the -S option always works. Either the manual should be changed or EDIT should be fixed to accept the the directory specified.

Cause:

EDIT/1000 always uses the /SCRATCH directory (if it exists) regardless of the cartridge number specified in the -S option.

Fix information:

Fixed at the B.85 PCO.

KPR #: 2200002493 Product: MACRO/1000 92059A 22.26

Keywords: MACRO

One-line description:
MACRO/1000 prints subheaders in table format after "col" specification

Problem:
Interaction between the psuedo ops, subhead & col.
After a user specifies the COL psuedo MACRO/1000 tries to print subsequent subheaders in table form-like code.

KPR #: 5000009340 Product: MACRO/1000 92059A 22.26

Keywords: PASCAL

One-line description:
MACRO code generated by Pascal pgm > 5000 lines overruns work space

Problem:
MACRO AND PASCAL DO NOT WORK TOGETHER ON LARGE (>5000 LINES) PASCAL SOURCE FILES. USER EITHER RUNS OUT OF EXTENTS ON THE RELOCATABLE FILE OR RUNS OUT OF WORK SPACE.

KPR #: 5000018325 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:
Macro definition does not allow SKP ops.

Problem:
When writing macro libraries the extent of formatting is extremely limited. In particular the SKP instruction causes MACRO to terminate compiling and report a 212 error when compiling a macro library. This is a severe deficiency in the MACRO because it makes it nearly impossible to neatly document macros in a listing. In order to make documentation easier to read, it is required to place one macro description per page. The SKP pseudo instruction would allow formatting as such. MACRO needs to be changed to permit this.

KPR #: 5000021378 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:
DEF =Fxx not allowed.

Problem:
MANUAL SAYS THAT
DEF =F39.25
OUGHT TO WORK. INSTEAD AN ERROR 321 IS GENERATED.

Cause:
MACRO OP-CODE TABLES HAVE ONE BIT TO INDICATE A LITTERAL IS OK AND ANOTHER BIT TO INDICATE IF IT CAN BE =F OR MUST BE ONE OF THE OTHER LITTERAL TYPES. THE PROBLEM IS THAT THERE IS NO WAY TO INDICATE THAT

BOTH FLOATING POINT AND OTHER LITTERALS ARE LEGAL AS IS NEED FOR THE DEF
OP-CODE.

KPR #: 5000034165 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:

Carriage control problem in Macro Library listing

Problem:

CUSTOMER IS RUNNING C.83 VERSION OF MACRO. WHEN HE USES THE M OPTION
TO CREATE A MACRO LIBRARY, HIS LISTINGS COME OUT IMMEDIATELY WITH OUT A
TOP OF FORM. INSTEAD A ONE "1" IS LISTED ON THE OUTPUT DEVICE. IT SEEMS
THAT THE WRITE STATEMENT THAT IS ISSUED TO SET TOP OF FORM HAS THE ONE
IN THE WRONG COLUMN.

Cause:

This problem was caused by the FMP convention of not allowing carriage
control by default. This means the caller must change the option at
file open time. This was not done when the MACRO library
list file was opened. The fix is that the FMP convention has
been changed to allow carriage control as default.

Fix information:

Fixed at the A.85 PCO.

KPR #: 5000034181 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:

MACRO library creation restriction

Problem:

USER AT REV 2340 MACRO IS HAVING PROBLEMS CREATING A MACRO LIBRARY. HE
WANTS TO CREATE A MACRO LIBRARY WITH OVER 100 MACROS. HE IS ONLY
ABLE TO CREATE A LIBRARY WITH AROUND 40 MACROS.

HE RECEIVED AN 'ILLEGAL FILE POSITION MACLIB.MAC' WHERE MACLIB.MAC WAS
HIS SOURCE PROGRAM.

Temporary solution:

Split the library into groups of 40 or fewer macros.
Note that libraries can be merged by INCLUDEing them at MACRO library
build time.

KPR #: 5000034207 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:

MACRO intermediate file size problem

Problem:

USER IS TRYING TO RUN LARGE MACRO PROGRAMS (IN THE 10 OF THOUSANDS
OF LINES OF CODE). HE IS RECEIVING AN ERROR MESSAGE WHICH STATES THAT

- MACRO/1000 -

HE HAS RUN OUT OF ROOM IN THE INTERMEDIATE FILE.

WHAT HAS HAPPENED IS THAT HIS INTERMEDIATE FILE HAS MORE THAN 255 EXTENTS. BECAUSE THE INTERMEDIATE FILE DEFAULTS TO 24 BLOCKS HE HAS NO WAY TO HAVE HIS INTERMEDIATE FILE LARGE ENOUGH.

Cause:
The principle problem heres is that the WORK= option was not working. This has been fixed. We also note that the CI file system allocates extents differently and tends to avoid the 'too many extents' problem.

Fix information:
Fixed at A.85.

KPR #: 5000034215 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:
Work file parameter doesn't create file

Problem:
CUSTOMER IS HAVING PROBLEM WITH NOT BEING ABLE TO SPECIFY A WORK FILE FROM HIS RUN STRING AS DOCUMENTED IN APPENDIX E-4 AND E-8 OF THE MACRO MANUAL.

THE WORK OR SWAP FILE WAS NEVER CREATED. THEREFORE HE WAS NOT ABLE TO SIZE UP HIS WORK AREA TO HANDLE LARGE PROGRAMS.

Cause:
There were many problems with the WORK= and other file setup procededures that were corrected in A.85. Note that the actual work file name is not used but its attributes are (in the new revision).

Fix information:
Fixed at A.85.

KPR #: 5000039255 Product: MACRO/1000 92059A 00.00

Keywords: MACRO

One-line description:
Absolute file creation emits FMP errors

Problem:
CERTAIN COMBINATIONS OF THE DEFAULTS CAUSE MACRO TO GENERATE FMP ERRORS. THESE PROBLEMS DON'T SEEM TO HAPPEN WITH RELOCATABLE ASSEMBLIES. FOR EXAMPLE, &ABS= THIS IS ON REV.2340 OF MACRO.

```
MACRO,A,L
  ORG 2000B
  BSS 1
  END
```

```
:PU,!ABS::XX
:RU,MACRO,&ABS::XX,!ABS::GN
RESULTS IN FMP ERROR 3 1
```



:PU,IABS::XX
:RU,MACRO,&ABS::XX
RESULTS IN FMP ERROR 0 1

ALSO IN SOME CASES THE IABS FILE WILL BE CREATED WITH NOTHING IN IT.

Fix information:
Fixed at A.85.

Known Problem Reports as of 03/04/85

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KPR #: 2200006866 Product: MRJE/1000

91782A

23.26

One-line description:

ENHANCE [UNDER PROG. SCHED.] TO PRINT FILE NAME & FMGR ERROR TO DISC FILE

Problem:

ENHANCE MRJE (UNDER PROGRAMMATIC SCHED.) TO PRINT FILE NAME AND FMGR
ERROR TO A DEFAULT DISC FILE.

Temporary solution:

- A) EXAMINE ORIGINAL LOG LU FOR THE FMGR ERROR MESSAGES
- B) WRITE A PROGRAM TO DO 'SCREEN DATA CAPTURING AND SAVING'
- C) ORIGINATE EXECUTION ON A 'HARD' CONSOLE, OR ONE WITH A THERMAL
PRINTER

Fix information:

Fixed at A.85.

Signed off 02/22/85 in release 24.01

KPR #: 2200010991 Product: PASCAL/1000 (6/VM,A) 92833A 23.26

Keywords: PASCAL

One-line description:
Runtime message to log device

Problem:
Runtime error message from system routines used to compute some mathematical functions direct their error message to LU 6. In a multi-user environment and in an environment where the user is remote from the printer, this is an unfriendly feature.

Fix information:
The compiler was modified at revision 2401 (A.84) to direct such error messages to the same place that other runtime errors go to (the LOGLU of the program). JWS,HCM 28Feb85

Signed off 02/28/85 in release 24.01

KPR #: 2200014969 Product: PASCAL/1000 (6/VM,A) 92833A 23.26

Keywords: PASCAL

One-line description:
Bad SQR on integer

Temporary solution:
Assign the value to be passed to SQR to a two-word INTEGER and pass that instead; the correct result will then be obtained. If the result of this operation overflows a two-word INTEGER then the largest two-word INTEGER will be returned. JWS,HCM 28Feb85

KPR #: 2200024992 Product: PASCAL/1000 (6/VM,A) 92833A

One-line description:
Pas.Setshared doesn't work

Fix information:
The routines Pas.A1SetShared and Pas.A1SharedSize were added to the Pascal library and documented at 2401 (A.84). These routines should be used in place of Pas.SetShared and Pas.SharedSize on RTE-A.1 and RTE-A systems.

Signed off 03/01/85 in release 24.01

KPR #: 2200027979 Product: PASCAL/1000 (6/VM,A) 92833A

One-line description:
Pascal does not pass source security code to relocatable

Fix information:
The monitor was corrected at 2401 to create relocatables (and listings) with the source security code if the security code was specified on the source file name.

Signed off 03/01/85 in release 24.40

- PASCAL/1000 (6/VM,A) -

KPR #: 5000007476 Product: PASCAL/1000 (6/VM,A) 92833A 23.26

Keywords: RTE-A/VC+

One-line description:

File path name greater than 32 characters can get truncated.

Fix information:

The programmatic scheduling routines in FMP were enhanced at 2340 to provide for a longer runstring. The problem of truncated names being passed from the monitor to the compiler should no longer occur.

Signed off 03/01/85 in release 23.40

KPR #: 5000009191 Product: PASCAL/1000 (6/VM,A) 92833A 23.26

Keywords: PASCAL

One-line description:

HEAP problem with getmeminfo

Fix information:

This was fixed in the C.83 version of %XFM. Also, the possibly related SR's 2200-020636 and 2200-025015 were fixed at A.84.

Signed off 03/01/85 in release 23.40

KPR #: 5000047704 Product: PASCAL/1000 (6/VM,A) 92833A 00.00

Keywords: PASCAL

One-line description:

MAXPOS/LASTPOS usage aborts VM82

Problem:

Compiler aborts when LASTPOS is used in an expression.
Could not reproduce compiler aborting when MAXPOS is used in an expression.

Fix information:

The standard function parser STF was corrected at 2440 (A.85) to build a correct internal representation of a call to LASTPOS. LASTPOS will compile and will function as documented.

Signed off 03/01/85 in release 24.40

KPR #: 5000053942 Product: PASCAL/1000 (6/VM,A) 92833A 24.01

Keywords: PASCAL

One-line description:

PAS.ERRORCATCHER hangs with READLN exiting a loop

Problem:

If a user written Pas.ErrorCatcher does not terminate the program and

- PASCAL/1000 (6/VM,A) -

returns to the point of the error, it will be reentered repeatedly if the error was "Unexpected EOF" and the statement causing the error was a readln, or a read of a PACKED ARRAY OF CHAR or STRING.

KPR #: 5000054544 Product: PASCAL/1000 (6/VM,A) 92833A 00.00

Keywords: PASCAL

One-line description:

Range checking on INTEGER types

Problem:

If RANGE is ON, range checking is not done on assignment to objects of the predefined type INTEGER, but it is done if the object is of a user defined type (say MYINTEGER = minint..maxint) which has the same effective range as INTEGER.

KPR #: 2200027318 Product: PASCAL/1000 MANUAL 92833 MANUAL 00.00

One-line description:

Not all syntax testing performed if no relocatable code generated

Problem:

The manual needs to describe that some syntax errors will not be detected if code is not being generated (either explicitly or due to a previous syntax error).

KPR #: 2200032052 Product: PASCAL/1000 MANUAL 92833 MANUAL 00.00

One-line description:

Identical variable name and type name in example

Problem:

The example is incorrect as indicated.

Fix information:

The manual was corrected at 2401 (A.84).

Signed off 03/01/85 in release 24.01

KPR #: 5000002352 Product: PASCAL/1000 MANUAL 92833 MANUAL 00.00

Keywords: PASCAL

One-line description:

PASCAL doesnot check hardware arithmetic exceptions

Problem:

The manual needs to specify how overflow is handled (or is not handled) by the compiler. The compiler has been changed at 2440 to avoid overflow on one-word integer operations if the final result of the expression needs to be a two-word integer. However, overflow can still occur and will not be detected if the result only needs to be a one-word integer, or if the result exceeds the two-word integer range.

KPR #: 5000045625 Product: PASCAL/1000 MANUAL 92833 MANUAL 00.00

Keywords: PASCAL

One-line description:

SEGMENT option and program statement

Problem:

The manual needs to describe the effects of the \$PASCALS option more clearly. The \$PASCALS option stays in effect until changed. If it is set to a value which specifies a SEGMENT but is not changed before the first level-1 routine in the SEGMENT, then each level-1 routine will be marked (as far as the loader is concerned) as being a separate segment.

KPR #: 2200000802 Product: RTE-4B 92068A 21.40

Keywords: SWTCH

One-line description:
Clearing LU3 during Switch

Problem:
Why is it necessary to wipe out files (othe than type 6) on LU3 during switch even with file saving and no subchannel initialization.

Fix information:
REV A.85 of RTE-6/VM SWITCH will now save LU 3 and the CRN list.

KPR #: 2200024497 Product: RTE-4B 92068A 23.01

Keywords: RT4GN

One-line description:
RTE-IVB generator does not generate a Gen Err 15 when it should

Problem:
TITLE:THE RTE-IVB GENERATOR DOES NOT GENERATE A GEN ER15 WHEN IT SHOULD
PROBLEM DESCRIPTION: The RTE-IVB generator does not flag a Gen Err 15 when it should. In generating a IVB session system ATACH is placed in the memory resident library. ATACH calls LUSES which is a type 7 module and should generate a Gen Err 15. It does not.
The RTE-6 generator flags this as an error.
The bug was found by placing the DS module PTOPM in the memory resident area. PTOPM calls ATACH. In the IVB system the ATACH call returns an error and PTOPM never attaches to the proper session.

Temporary solution:
RETYPE THE OFFENDING MODULE AT GEN TIME (IN THIS CASE ATACH SHOULD BE 7.

KPR #: 5000037051 Product: RTE-4B 92068A 23.40

Keywords: SPOOLING

One-line description:
Need to reinitialize spooling after a reboot

Problem:
SPOOLING SYSTEM MUST BE REINITIALIZED EACH TIME THE SYSTEM IS REBOOTED. THIS PROBLEM WAS FIRST SEEN WHEN THE C.83 RELEASE WAS INSTALLED.

AS OF C.83, GASP MUST BE RUN TO REINITIALIZE SPOOLING AFTER EACH BOOTUP OF SYSTEM.

Cause:
THE SPOOL DISC IS NOT FOUND WHEN GASP FIRST RUNS. THIS COULD BE CAUSED BY HAVING SOME OTHER DISC MOUNTED BEFORE THE SPOOL DISC IN THE CL WHICH D.RTR HAS SOME PROBLEM WITH.

Temporary solution:
SPOOL FILES 'SPLCON' & 'JOBFIL' MUST BE ABLE TO BE FOUND BY D.RTR AND

Known Problem Reports as of 03/04/85
SHOULD BE ON THE FIRST MOUNTED DISC.

Page: 13

KPR #: 2200001818 Product: RTE-6 MANUALS 92084 MANUAL 23.01

Keywords: RTE-6/VM

One-line description:
Instruction for restore of 7925 with !BCKOF.

Problem:
On page D-9 of the RTE-6/VM "Software Installation Manual" 92084-90011 (Rev Jan '83) the instructions for !BCKOF restore of Primary tape #2 of a 7925 are incorrect. Option "LUVE" is incompatible with "file:subchannel" pairs. The file:subchannel pair 3:2 causes the tape to go past end of tape.

Temporary solution:
Use option "SEVE" and file:subchannel pair 1:2 for tape #2 of the of the primary for 7925.

Fix information:
Problem will be fixed in the A.85 update of the manual.

KPR #: 5000029843 Product: RTE-6 MANUALS 92084 MANUAL 23.40

One-line description:
System Manager's Manual incorrect in *STIME example.

Problem:
An error exists in the RTE-6/VM System Manager manual. Pages 6-30 and 31 contain a transfer file, *STIME, that is used to set the system date and time upon invocation. Line 48 of the transfer file has the following (incorrect) command:

```
:IF,,EQ,,-33
```

that should be replaced by:

```
:IF,3G,NE,12,1
```

Cause:
This SR will fix what appears to be a simple typo...lines 47 and 48 are identical and this fix will make the *STIME file work like the same file in the pre-2340 RTE-6 system manager's manual.

Fix information:
In the System Manager's Manual (92084-90009), the *STIME listing (Figure 6-3) has been removed from the A.85 revision of the manual.

KPR #: 5000031856 Product: RTE-6 MANUALS 92084 MANUAL 23.40

One-line description:
Software Installation Manual doesn't refer to Primary System Config

Problem:
RTE-6/VM Software Installation Manual (92084-90011)
SECTION C "Primary System Configuration" is not listed in the index.

Temporary solution:

The reference is to Appendix C not Section C. There should be a reference on page Index-3 under the heading 'Primary System' as follows: Configuration, C-1

Fix information:
Manual to be fixed in the A.85 update.

KPR #: 5000034603 Product: RTE-6 MANUALS 92084 MANUAL 23.40

One-line description:
Formula for file sizes > 32767 wrong in RTE-6/VM CI Users Manual

Problem:
ON PAGE C-12 OF THE RTE-6/VM CI USER'S MANUAL, THE FORMULA FOR DETERMINING THE FILE SIZE TO BE USED FOR FILES LARGER THAN 32767 BLOCKS IS IN ERROR. THE CURRENT FORMULA IS:

$-(50000+127/128) = \text{FOO}:::-391$

AND THE PROPER FORMULA IS:

$-(50000+127)/128 = \text{FOO}:::-391$

Fix information:
On page C-12 of the RTE-6/VM CI User's Manual, the formula for creating a 50000 block file has been changed to the following:
 $-(50000 + 127)/128 = \text{FOO}:::-391$

KPR #: 5000034793 Product: RTE-6 MANUALS 92084 MANUAL 23.40

Keywords: SXREF

One-line description:
System Manager manual incorrect for instructions for SXREF.

Problem:
Trying to load %SXREF AND \$RBLIB while generating an RTE-6 system causes GEN ERR 79 Errors.
The SYSTEM MGR mnl 92084-90009
Pg 4-118 shows that SXREF can be gen'd into system.

Fix information:
Due to the enhancements in the RTE-6 generator. This is no longer a restriction. The manual will be corrected in the next update. (A.85)

KPR #: 5000041822 Product: RTE-6 MANUALS 92084 MANUAL 23.40

Keywords: LIBRARY

One-line description:
\$VMCLB not needed to link FLAG

Problem:
The reference to \$VMCLB to load the FLAG utility is not needed for RTE-6VM.

Cause:

It is required for loading in a RTE-4B system and was not removed for RTE-6VM.

Fix information:

This was removed from the manual in the A.85 update.

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KPR #: 2200009241 Product: RTE-6/VM

92084A

23.01

Keywords: ENTRY POINTS

One-line description:

RTE-6 GENERATOR REPORTS UNDEF '.CNOD' UNLESS GEN-IN '\$MLSLB'

Fix information:

The RTE-6/VM System Managers Manual was updated at C.83 to state that \$MLSLB should be generated into your system in order that the .CNOD undef will not occur.

KPR #: 2200011130 Product: RTE-6/VM

92084A

23.01

Keywords: SWTCH

One-line description:

Switch prints some numbers instead of comma on the console

Problem:

WHEN PRINTING SUBCHANNELS FOR PROMPT "TARGET ADDRESS/UNIT X FOR SUBCHANNELS". AFTER SUBCHANNEL 35 IS PRINTED, THE "COMMA, SPACE" IS REPLACED SWITCH AND ATTEMPTING TO INITIALIZE SUBCHANNELS WHEN MORE 35 SUBCHANNELS WITH "35". WHEN MORE THAN 35 SUBCHANNELS ARE SPECIFIED. AFTER THE 35TH SUBCHANNEL THE NUMBER IS FOLLOWED BY 35 INSTEAD OF A COMMA AND A BLANK. EXAMPLE: ...32, 33, 34, 353536353735

Cause:

The problem is that switch is set up for 32 max. The buffers at MS36A and MS37A need to be increased by 64 words to fix this. Note that the prompt 'DESTN. ADDRESS/UNIT XX FOR SUBCHANNELS' also gets overlaid with the end of the above message so we may see more here.

KPR #: 2200013367 Product: RTE-6/VM

92084A

23.01

Keywords: POWERFAIL

One-line description:

Frequent power fail such as 9 times in 4 sec causes system hang up

Problem:

WHEN SEVERAL POWER SAGS (9 IN 4 SECONDS) OCCUR THE HP1000 POWERFAIL/AUTO RESTART DOES NOT APPEAR TO WORK PROPERLY. THE SYMPTOMS INCLUDE APPLICATION PROGRAMS AS WELL AS HP PROGRAMS ABORTING DUE TO MEMORY PROTECTS, DYNAMIC MAPPING OR "RQ" ERRORS. THE NUMBER OF POWER FAILURES WAS DETERMINED BY THE OUTPUT OF AN HP3000 WHICH WAS CONNECTED TO THE SAME POWER SOURCE.

Temporary solution:

THE CUSTOMER HAS ADDED A VOLTAGE SENSING RELAY TO EFFECTIVELY MAKE A 'CLEAN' POWERFAIL OCCUR.



KPR #: 2200014027 Product: RTE-6/VM

92084A

23.26

Keywords: AUTOR

One-line description:

SPOOLING can cause AUTOR to abort with IO25 after power fail

Problem:

IF SPOOLING HAS BEEN SET UP (:SL,6,,,6) TO A TYPE 0 OR TYPE 5 DEVICE (DVA05, FOR EXAMPLE), AND THE SPOOL WAS SUBSEQUENTLY RELEASED (:CS,6), AUTOR WILL ABORT WITH AN IO25 ERROR WHEN IT ATTEMPTS TO WRITE TO THAT DEVICE. THIS IS CRITICAL WHEN USER CODE HAS BEEN ADDED TO AUTOR.

Cause:

THE SL COMMAND CAUSES THE SPOOL LU TO CHANGE FROM A DVS43 DEVICE TO A DVA05 DEVICE. AFTER SPOOLING IS COMPLETED, IT DOES NOT GET SET BACK, SINCE AUTOR WRITES TO ALL TYPE 0 OR 5 DEVICES, IT ATTEMPTS TO WRITE TO THE SPOOL LU, WHICH IS ILLEGAL.

Temporary solution:

A solution is to add the don't abort bit to the AUTOR request.

KPR #: 2200007245 Product: RTE-A 92077A 23.26

One-line description:
IXGET is not documented in the Relocatable Library Reference Manual

Problem:
PROBLEM DESCRIPTION: "IXGET" is not documented in Reloc. Lib. Ref. Manual.

Fix information:
Will be fixed in the A.85 update of the manual.

KPR #: 2200008987 Product: RTE-A 92077A 23.26

Keywords: CI

One-line description:
limem returns wrong values if use dummy vars incorrectly

KPR #: 2200010595 Product: RTE-A 92077A 23.26

Keywords: LIBRARY

One-line description:
'Jsb .xfxd' library call causes UI violation error and aborts

Problem:
'JSB .XFXD' library call causes UI violation error on A900.

Cause:
There is a sharing of code here that just doesn't work with the microcode version of the library.

Temporary solution:
The work around is:

```
$ALIAS XFXD='.XFXD',DIRECT
      INTEGER*4 FUNCTION XFXD(X)
      REAL *8 Y
      REAL *6 X
      Y=X
      XFXD=Y
      RETURN
      END
```

Just compile the above and relocate or search it before searching the libraries.

KPR #: 2200010629 Product: RTE-A 92077A 23.40

Keywords: VCP MUX-8 CHANNEL

One-line description:
Break disable does not work on mux

Problem:

VCP console on mux port 0 does not properly implement the Break disable function invoked with switch 5 on the CPU.

Cause:

Error in VCP code.

Fix information:

Fixed with REV 2440 firmware (B-reg 4006)

KPR #: 2200010660 Product: RTE-A 92077A 23.40

Keywords: RTE-A LINK

One-line description:

Record ignored messages

Problem:

The PASCAL-II compiler generates lots of a new relocatable record number. Link ignores these records, but gives warnings. There are too many of them for this to be reasonable.

Fix information:

This will be fixed at the A.85 update.

KPR #: 2200015701 Product: RTE-A 92077A 23.40

Keywords: RTE-A

One-line description:

Quick ref guide wrong about dev status

Problem:

The quick reference guide shows the device status in the DVT as being one bit larger than it should be.

Fix information:

Will be fixed at A.85 release.

KPR #: 2200017061 Product: RTE-A 92077A 23.26

Keywords: RTE-A

One-line description:

SQRT/DSQRT fail on A900

KPR #: 2200019018 Product: RTE-A 92077A 23.40

Keywords: FMP

One-line description:

FmpList lists 1 record if same variable used for start & end record

Problem:

FmpList does not work correctly if the same variable is used for both the starting and ending record parameters, and the value of the variable is zero.

Cause:

If the starting record value passed in is zero (or negative), Fmplist modifies the parameter, setting it to one. If the same variable is used for both starting and ending records, this will cause the ending record to also be set to one. This will then cause Fmplist to only list record one of the file.

Note that another problem this causes is this: if you specify from Fortran a 'OJ' constant (double integer zero) for one of the record numbers, Fmplist will change the constant to 1J (double integer one). This may cause problems in the calling program if the OJ is used later in the program.

Fmplist should copy the passed parameters into local variables before any modification of them is done.

KPR #: 5000022335 Product: RTE-A 92077A 23.26

Keywords: EDIT/1000

One-line description:

BK command in EDIT truncates one more line than it should

Problem:

EDIT/1000 will always do one more line than you ask when the BK command is used to truncate the end of lines.

Fix information:

This will be fixed in the A.85 update.

KPR #: 5000025429 Product: RTE-A 92077A 00.00

Keywords: MUX-8 CHANNEL

One-line description:

Initial 30B request to IDMOO is not accepted if the 'UE' bit is set

Problem:

As described in verifier text.

Cause:

As described in verifier text

Fix information:

Fixed for A.85



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