

**Read Before Installing  
MPE/iX Release 6.5 PowerPatch 6  
Software Release (C.65.06)**

**HP e3000 MPE/iX Computer Systems**

**Edition 6**



**Manufacturing Part Number: 30216-90363**

**E1106**

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**1. Information to Read before Installing MPE/iX 6.5 PowerPatch 6**

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**2. Patch Information for MPE/iX 6.5 PowerPatch 6**



# 1 Information to Read before Installing MPE/iX 6.5 PowerPatch 6

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## Improper Version Number in C.65.02

Some systems that were preloaded with MPE/iX release 6.5 PowerPatch, Express 2, have been found to have a typographical error in line 3 of the HPSWINFO.PUB.SYS file. Specifically, the third line of HPSWINFO.PUB.SYS shows "MPE/iX MIT C6502" instead of "MPE/iX MIT C.65.02".

This problem causes Patch/iX to fail (during a patch installation) with the following error:

```
"ERROR: HP Patch/iX failed to read the VUFs from the HPSWINFO.PUB.SYS file (PMERR 156)."
```

Before installing the C.65.06 PowerPatch, check to see if you have this condition. If the condition exists, edit the HPSWINFO file to change the VUF to C.65.02.

## Predictive Changes SYSSTART during UPDATE

by Gary Robillard, Predictive Support

Due to some customer sites having multiple startup directives in `SYSSTART.PUB.SYS`, the installation job for Predictive has been modified to recognize this. Previously, this Predictive job would just add the "STREAM JPSMON.PRED.SYS" line to the end of `SYSSTART`.

If you prefer NOT to have the Predictive installation job modify your `SYSSTART.PUB.SYS` file, do the following:

Create a file named `NOSYSST.PRED.SYS` with the MPE/iX build command BEFORE installing PowerPatch 6 for MPE/iX 6.5.

```
BUILD NOSYSST.PRED.SYS;DISC=1
```

If the file `NOSYSST.PRED.SYS` exists, it will prevent the Predictive installation from making any `SYSSTART` file modifications.

The Predictive installation job modifies the `SYSSTART` file as follows:

1. Gather STREAMs device and printer queue for STREAMs and OPENQ commands if needed.
2. If `SYSSTART.PUB.SYS` does not exist, a new `SYSSTART` file is created on ldev 1 with the following contents:

```
STARTUP
**
WARMSTART
OPENQ LP
STREAMS 10
STREAM JPSMON.PRED.SYS
**
COOLSTART
OPENQ LP
STREAMS 10
STREAM JPSMON.PRED.SYS
****
```

3. If a WARMSTART, COOLSTART, RELOAD or UPDATE section exists and has commands, AND there are no other STREAM commands AND there are no STARTSESS to OPERATOR.SYS commands, then do not modify the `SYSSTART` file.
4. If there are STARTSESS commands but no STARTSESS to OPERATOR.SYS, do not modify the `SYSSTART` file.
5. The command `STREAM JPSMON.PRED.SYS` is removed from the STARTUP section and added to the WARMSTART and COOLSTART sections. If no WARMSTART and COOLSTART sections exist, they are created and contain these commands:

```
**
WARMSTART
OPENQ LP
STREAMS 10
STREAM JPSMON.PRED.SYS
**
COOLSTART
OPENQ LP
STREAMS 10
STREAM JPSMON.PRED.SYS
****
```

If the file `NOSYSST.PRED.SYS` exists, it prevents the Predictive job from doing any `SYSSTART` file processing during installation. Therefore, if you do NOT want the "STREAM JPSMON.PRED.SYS" command added to your `SYSSTART` file, create the `NOSYSST.PRED.SYS` file with a build command.

```
BUILD NOSYSST.PRED.SYS;DISC=1
```

---

## CR# JAGae50566 / 8606286627

### HPINSTAL & AUTOINST work file needs to be larger

Version E.12.01 of AUTOINST and version B.13.03 of HPINSTAL have a fix for this and these versions must be restored from the 6.5 PowerPatch 6 tape before using them for installation of this PowerPatch release. Instructions for restoring the newer versions of AUTOINST and HPINSTAL are located in the *HP 3000 MPE/iX Release 6.5 System Software Maintenance Manual* in the following sections:

AUTOINST        Section 5.7 titled "Creating the CSLT Using AUTOINST", step 3, page 121.

HPINSTAL        Section 4.3 titled "Preparing to Run HPINSTAL", step 16, page 78.

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## CR# JAGae78289 / 8606315566

### STMSHUT sometimes unable to completely close daemon

During certain installations of the C.65.06 PowerPatch, an installation job has been found to fail due to the inability of the diagnostic monitor to completely shut down. The symptom of the problem is that the job I0231900 will abort, which will trigger the installing tool (usually HPINSTAL) to systematically abort. Within the spoolfile of this jobstream, the following failure text is seen:

```
:purge /usr/lib/libmcats.sl
EXCLUSIVE VIOLATION: FILE ACCESSED EXCLUSIVELY (FSERR 91)
Unable to purge file "/usr/lib/libmcats.sl". (CIERR 384)\
REMAINDER OF JOB FLUSHED.
```

This condition can be resolved, and the installation can be resumed, by following these steps:

1. Kill the diagmond daemon.

From MANAGER.SYS, enter

```
:run sh.hpbin.sys
$ ps -ef | grep diagmond
```

The above command should return a line similar to this:

```
0 65584 1 0 Jan 01 1:10 /usr/sbin/stm/uut/bin/sys/diagmond
^^^^^
```

Note this number. It is the pid number of the process that needs to be killed. Issue the kill command for this pid:

```
$kill 65584            (for pid# 65584)
```

Now, verify that the process has been aborted, by repeating the 'ps' command:

```
$ ps -ef | grep diagmond
```

There should not be any entries returned, merely a line-feed. If the entry is still showing, use this kill command:

```
$kill -9 65584        (for pid# 65584)
```

2. Resume the installation. Merely run the installer program again. Make sure you are in the INSTALL group, and issue the run command.

## NMCGDV0A job (IHFGDV0A) fails during Update from 6.0 to 6.5

```
:run hpinstal
```

The installation process will detect where it left off, and will resume from that point.

---

## NMCGDV0A job (IHFGDV0A) fails during Update from 6.0 to 6.5

When doing an Update from 6.0 to 6.5 using AUTOINST; option 3 (i.e. FOS, SUBSYS plus PowerPatch), an installation job fails due to the inability to extract data from the NMCONFIG.PUB.SYS file. During Phase II of AUTOINST, the installer will abort with the following message:

```
An installation job stream has failed. Job streaming: IHFGDV0A.INSTALL.SYS (INSTERR #23)
```

This condition can be resolved, and the installation can be resumed, by following these steps:

1. Convert the NMCONFIG file. From MANAGER.SYS, enter:

```
:NMMGRVER
```

When asked for the "Fileset to be scanned?" enter:

```
NMCONFIG.PUB.SYS
```

Reply 'YES' to convert the file.

2. Resume the installation. Simply run the installer program again.

```
:Run AUTOINST
```

You will be notified that an interrupted installation has been detected.

```
"Do you want to resume?"
```

Reply 'YES' to resume.



## 2 Patch Information for MPE/iX 6.5 PowerPatch 6

The following table provides a list of patch index numbers and a description of the patch.

Patch Index	KPR Number	Description
APCFDX6B	8606-163680	6.5 APACHE 1.3.9 WITH DSO CAPABILITY
APPGDF6A	1653-083048	PROVIDE TIME STAMPS TO APPC LOGGING MESSAGES ON MPE/IX 6.5 Supersedes: APPFDW6A
ARMLXY7C	8606-214147 8606-212870	ARMSERVER ALIGNMENT TRAP Supersedes: ARMLX35C
ATCMXA2A	8606-268025	ATC CURSOR GIVES INTERNAL ERROR 852077 Supersedes: ATCMX10A ATCLXV7A ATCLXP6A ATCLXH6A ATCLX76A ATCLX48A
BBRLXJ1A	8606-180350	BUSINESS BASIC DEC. LIBRARY FIX FOR UNINIT ERR PARM IN BB_DEC_TO_DBL Supersedes: BBRLXE7A BBRLXA5A
BBXMXA3A	8606-268101 D500-154029	BUSINESS BASIC/IX COMPILER A.00.24: FIX BUGS IN SELECT
BROLXY0B	8606-216551 8606-216564 8606-216571	HPBROWSE/IX 36384A.00.06 HFS FILENAME AND BYTE-STREAM FILE SUPPORT Supersedes: BROLXR2B
BT1GD35A	8606-180611	GENERAL FIXES FOR NIO 100BT LINK (B5427BA) ON MPE/IX 6.5 (A0) PATCH

Patch Information for MPE/iX 6.5 PowerPatch 6

Patch Index	KPR Number	Description
COBMXJ7A	8606-315718	COBOL II/IX OPTIMIZE=1 CAN CAUSE DATA CORRUPTION (BLANKED BYTE) Supersedes: COBMXB0A
CONGD94A	8606-197296	6.5 CONSOLE HANG IN LDM_GET_WRITE_BUF STATE.
DCCGDQ4A	8606-262891 4701-419655 5003-436832	DCC 6.5, NDM INBOUND BUFFER POOL BEING EXCEEDED.
DTCGDB7A	8606-179267 8606-124212 5003-443184 5003-453472 4701-425207 5003-365064 5003-303784 1653-024448 1653-137406 4701-293902 1653-160176 5003-716183	6.5 DTC HOST DOWNLOADS, EQUIVALENT TO ODMGDB6, OV DTCMGR A1440E00. Supersedes: DTCFDP1A
DTSGDJ3A	8606-234658 8606-180504 8606-158129 8606-131764 8606-152736 8606-199705 8606-142450 8606-183803 8606-185290 8606-159159 5003-469221	GENERAL FIXES FOR DTS TERMINAL I/O ON MPE/IX 6.5 (I) PATCH Supersedes: DTSGDF8A DTSGDE3A DTSGD90A DTSGD75A DTSGD56A DTSFDY1A DTSFDY6A DTSFDW8A DTSFDW4A DTSFDP0A

Patch Index	KPR Number	Description
	1653-304964	
	1653-299800	
	8606-107778	
	5003-462952	
	8606-108226	
	5003-432823	
	5003-461061	
	8606-201933	
EDTMXF7A	8606-284606	HP EDIT A.02.36: FIX PROBLEM WITH SPOOL FILE DISPLAY AND SAVE.  Supersedes: EDTMX95A EDTMX71A
FDDHD33A	8606-316392	GENERAL FIXES FOR FDDI DRIVER ON ON MPE/IX 6.5 (C0
	8606-101907	PATCH)
	8606-105953	Supersedes: FDDGDK0A FDDFDP7A
	8606-201933	
	8606-249501	
FTPHEF6A	8606-412062	GENERAL FIXES FOR FTP FOR 6.5 RELEASE (F PATCH)
	8606-405040	
	8606-407731	Supersedes: FTPHEF0A FTPHE74A FTPHE66A FTPHE46A
	8606-364051	FTPHE42A FTPHE07A FTPG DY7A FTPGDU0A
	8606-364100	FTPGDR3A FTPGDN0A FTPGDE9A FTPGDD7A
	8606-364115	FTPGDB4A FTPGD92A FTPGD63A FTPGD48A
	8606-364124	FTPGD01A FTPGD00A FTPFDW0A FTPFDU8A
	8606-395344	FTPFDP2A
	8606-397385	
	8606-397749	
	8606-358525	
	8606-348971	
	8606-392384	
	8606-338048	
	8606-343050	

Patch Index	KPR Number	Description
	8606-344454	
	8606-277230	
	8606-340675	
	8606-265669	
	8606-331712	
	8606-328875	
	8606-299250	
	8606-289803	
	8606-273530	
	8606-124994	
	8606-224234	
	8606-230026	
	8606-231617	
	8606-250162	
	8606-250495	
	8606-256482	
	8606-269614	
	8606-267935	
	8606-269712	
	8606-270473	
	8606-276240	
	8606-281685	
	8606-284297	
	8606-287785	
	8606-293906	
	8606-294908	
	8606-297039	
	8606-299646	
	8606-299968	
	8606-300719	
	8606-300832	
	8606-302727	
	8606-189630	
	8606-199287	

Patch Index	KPR Number	Description
	8606-187862	
	8606-204821	
	8606-183738	
	8606-187118	
	8606-145107	
	8606-138260	
	8606-143977	
	8606-170528	
	8606-173012	
	8606-172992	
	8606-178095	
	8606-178930	
	8606-125285	
	8606-172033	
	5003-224923	
	8606-147033	
	8606-125044	
	8606-105688	
	8606-106784	
	8606-132067	
	4701-385195	
	1653-254177	
	8606-109983	
	8606-107309	
	8606-106612	
	8606-126714	
	8606-129405	
	1653-295980	
	5003-454017	
	1653-298141	
	8606-130089	
	8606-213959	
	8606-212581	
	8606-214235	
	8606-310306	

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Patch Index	KPR Number	Description
FWSLXT5B	8606-201006	PROVIDE REV. 3728 FIRMWARE FILE FOR 28696A FW SCSI DEVICE ADAPTER
HPCMXP1A	8606-357185	C/IX A.06.06: FIXES OPTIMIZATION PROBLEMS.
INFKXH6C	D500-387787	INFORM 32246A.11.04 FIX PARENT/CHILD ITEM NOT IN ANY DATA SET OR FILE
INTGDG3A	8606-156115 8606-169406 4701-371708 8606-183008 8606-230083 1653-202150	GENERAL FIXES FOR INTERSRV PRODUCTS ON MPE/IX 6.5 (C)  Supersedes: INTFDX3A INTFDP9A
ITOED07B	4701-401919	PROVIDE 5.5 FUNCTIONALITY IN XL.PUB.SYS FOR 6.0 & 6.5 HP3000 ITO AGENT
JDBLXU8B	8606-132652 8606-179196	JDBC SHOULD BE ABLE TO HANDLE TRANSLATIONS UNICODE<->ROMAN8  Supersedes: JDBLXB6A
LANHD34A	8606-316392 8606-230463 8606-201933 8606-257355	GENERAL PATCH FOR 6.5 PUSH LAN/XL LINK & TOKEN RING DRIVER (D0)  Supersedes: LANGDL6A LANGDH3A
LAPGDN7A	8606-260739	GENERAL FIXES FOR LAPB DRIVER ON MPE/IX 6.5 (B0)
LNKLG1A	8606-172037	CUMULATIVE PATCH: MISCELLANEOUS LINKEDIT FIXES.
LSSGDJ6A	8606-222304	GENERAL FIXES FOR LSS/IX ON 6.5 (A PATCH)

Patch Index	KPR Number	Description
MCMFDW3A	8606-127018 8606-157863	GENERAL FIXES FOR MCM ON MPE/IX 6.5
MIRMX7A	8606-351194 8606-362119	MIRVUTIL CONTIGVOL IMPROVEMENTS; SA2188 DURING SHOWUSERLOG COMMAND Supersedes: MIRMX23B
MPEKX92D	5003-413914	AIFSCPUT 3058 DOESN'T WORK IF NO AIF LOGGING, AND NOT VV.UU.FF Supersedes: MPELXD5A
MPEKXD3B	4701-392274	SYSGEN PORTION OF HAFO (MPEKXD2, MPEKXD3, MPEKXD4, MPELX95)
MPEKXK4E	5003-346130	SA615 DURING MPEX COPY FROM ONE VOLUME SET TO ANOTHER Supersedes: MPEKXG3C
MPEKXR9C	5003-458489	SPOOLF;PRINT OF UNLINKED SPOOLFILES FAILS WITH MPEKXG0 INSTALLED
MPEKXV3B	5003-466391	CREATE MPE-NAMED FILE VIA NON-MPE NAMED SYMLINK--NO FILENAME IN FLAB Supersedes: MPEKXE4C MPELX18B
MPEKXY5C	8606-107128	SA773 OR FILES LEFT ACCESSED, WHEN USING NFS/IX PRODUCT
MPELX24C	5003-462507	SA1482 WHILE PROCESSING AN AIF PORT INTERRUPT (REPLACES MPEKXV6)
MPELX34C	8606-127873	FIX 128 BYTE BOUNDARY CORNER CASE WITH TLB CAUSING BOOT FAILURES
MPELX37B	8606-108936	ADDRESSES MULTIPLE PROBLEMS WITH TAR UTILITY

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Patch Index	KPR Number	Description
MPELX42C	8606-130344	Y2K LEAP YEAR PROBLEM W/CM HPYEAR/HPMONTH/ETC. VARS/JCWS, AND ALMANAC
MPELX53B	8606-129050 8606-141904	AIFSYSWIDEGET W/ITEMS 6001, 6201 DOESN'T RETURN ALL USERS/GROUPS/ACCTS Supersedes: MPEKXE9C
MPELX63A	4701-136457 5003-117184	DEFINITION OF AIFACCTPUT IN AIFINTR FILE CAUSES PROBLEMS WITH C.
MPELX67B	8606-131939	HPDATECONVERT DOES NOT ACCEPT A VALID OUTPUT DATE PARAMETER
MPELX68A	8606-140041	CALLING NM CKERROR CAUSES DATA MEMORY PROTECTION TRAP
MPELX69A	8606-139788	HPMC OR HANG DURING BOOT AFTER INSTALLING PATCHES ON 64MB MEMORY SYS
MPELX82C	5003-445676	SYSTEM HANG CAUSED BY AIFDEVICEGET CALL REQUESTING ITEM #13006
MPELX88A	8606-131451	AIFFILELPUT ITEM 4101 DOES NOT RECOGNIZE LARGEFILES.
MPELX89F	8606-147200	DEBUG DOES NOT ALWAYS HANDLE BREAKPOINTS CORRECTLY
MPELXB2A	8606-139675	CI COPY COMMAND WITHOUT TARGET FILENAME CAN ABORT JOB/SESSION.
MPELXB7D	8606-155305	CAN'T INSTALL 959 OR 969 WITH A TAPE CREATED ON A 979 OR 989 SYSTEM
MPELXC2B	8606-129077 5003-454934 8606-160797	FIXES FOR MULTIPLE JOBQUEUES: SA773, SYSTEM HANG & INCORRECT JOBCOUNTS



Patch Index	KPR Number	Description
MPELXC4B	8606-156321	MEMLOGD DAEMON NOT RUNNING ON 6.5 SYSTEMS W/BETWEEN 3.75GB & 4GB MEM
MPELXD0B	8606-145242	HANG - LOOP IN XM_GET_GUFD_ACTIVE_TRANSACTIONS
MPELXG9A	8606-155237	SVIPCUTL ABORTS WITH LDRERR 472
MPELXH7A	8606-177317	SYSTEM HANG WHEN USING AIF PORTS OR AIF:PE ON SYSTEMS WITH BLOCK TLB
MPELXH9A	8606-179819	SA1048 FROM SAMPLER_HANDLER WHEN RUNNING PERFORMANCE COLLECTION TOOLS
MPELXJ3C	8606-180975	AIFCHANGELOGON ERROR HANDLING FIXES
MPELXJ6B	8606-133734	SA 615 SS143 TRYING TO DEALLOCATE A PLFD LOCKED BY SOME OTHER THREAD
MPELXK3B	8606-177505	JOBQFILE CORRUPT AFTER START RECOVERY RESULTS IN SYSTEM HANG.
MPELXL5A	8606-185208	NEWCI COMMAND RESULTS IN 'UNKNOWN COMMAND NAME' AFTER MPELXG3 Supersedes: MPELXG3B MPELX13C
MPELXP3A	8606-162794	BULDACCT GIVING CIERR 9166 AND 9445 WHEN MORE THAN 1020 DIRS IN A DIR Supersedes: MPEKXY7E
MPELXQ4B	8606-193490	REQUEST CHANGE IN LABEL MGMT COMPILE OPTIONS TO SPEED UP FILE CREATION
MPELXR0A	8606-127273	INTRODUCE DEBUG ACCESS TO PDC AND I/O SPACE ON 6.5 AND LATER

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Patch Index	KPR Number	Description
MPELXT0A	5003-345553 4701-383950	NEW PATCH TO INCLUDE MPEJXV9 (5.5), MPEKXL0 (6.0), AND MPEKXX4 (6.5).
MPELXT1B	8606-194199 8606-180352	NETWORK SPOOLER: 2 FIXES FOR PJJ SYNTAX ERRORS, NMS 9621  Supersedes: MPELXL8B MPELXE0B MPELX91B MPELX39C
MPELXT7D	8606-200506	SA -996 DURING PURGE OF A CIR OR RIO FILE
MPELXU7A	8606-195718	3-WAY DEADLOCK INVOLVING CM KSAM FILES AT THE START OF ONLINE BACKUP
MPELXU9B	1653-247346	OLD LOG4ONLN.PUB.SYS CONFIG TRAILS NEED TO BE DELETED AFTER REBOOT  Supersedes: MPEKXX5C MPEKXD4B
MPELXV8B	8606-202134 5003-462440 8606-135212	HANGS OR SA1516 CAUSED BY GUPD OPEN SEMAPHORE NOT BEING UNLOCKED  Supersedes: MPELX15D
MPELXW2A	8606-133384	JOB/SESSION HANGS DUE TO GUPD SEMAPHORE NOT BEING RELEASED
MPELXY3B	8606-215123	AFTER MPELXU4 FINFO GIVES INCORRECT EOF FOR UNOPENED/UNACCESSED FILES  Supersedes: MPELXU4B
MPELXY8C	8606-211465	SA1350 DURING TERMINATION OF A PROCESS WITH DEBUG BREAKPOINTS SET
MPEMX00D	8606-220532	DCE CDSADV HANGS WITH MPELXL2 AND MPELXW8 PATCHES ON MPE/IX 6.5, 7.0  Supersedes: MPELXY6D MPELXU5F MPELXW8D MPELXX3C MPELXK5A MPELXP2B MPELXN4A MPELXL2I PX1LXC8A MPEKXU1F MPELX51D MPEKX86J

Patch Index	KPR Number	Description
MPEMX02B	8606-217821	SYSTEM HANG DUE TO 2-WAY DEADLOCK BETWEEN NETWORK SOCKET SEMAPHORES Supersedes: MPEKXX0D MPELXA7B MPELXT9B
MPEMX13B	8606-222933	SA 614 DUE TO TRAP FROM TM_MFB_DISC.TM_WRITE_PRIME Supersedes: MPELXJ7B
MPEMX27B	8606-227964	HANG OR SA1516 WITH MPELX41 INSTALLED. Supersedes: MPELX41B
MPEMX29A	8606-225491	CATALOG CHANGES FOR MPEMX28 FIXES (CONSOLE HANG DUE TO ESCAPE SEQ) Supersedes: MPELXG7A MPELX98A MPELX95A
MPEMX38C	8606-226955 8606-241934	SA0 DOING A DISCFREE ON VOLUME SET WHICH IS BEING VSCLOSE'D
MPEMX39A	8606-173839	HPMC POSSIBLE DURING SHUTDOWN ON > 3.75GB MEMORY SYSTEMS
MPEMX43B	8606-180156 8606-180157 8606-180158	FIXES FOR MULTIPLE JOBQUEUES (TOTAL COUNTER, JS 61, CIWARN 10008) Supersedes: MPEMX28C MPELXV2B
MPEMX74A	8606-223461	IODFAULT GENERIC DEVICE IDS TO SUPPORT CURRENT AND FUTURE DISKS Supersedes: MPELXQ3B MPELXL1B MPELXC3C MPELX59C MPELX40C
MPEMXE2C	8606-288084	ARRAYLOG -E REPORTS ERROR NUMBER : 50 AND HLIO CHAIN TABLE LEAKS.
MPEMXE6A	8606-292571	IMPROVED INTERNAL ERROR MESSAGES (SYSCAT) Supersedes: MPELX33C

Patch Index	KPR Number	Description
MPEMXF6A	8606-267267	RESTORE/COPY OF LARGE AMOUNTS OF DATA CAN CAUSE VSM TABLE EXHAUSTION
MPEMXG0A	5003-454843	SA775 WHEN LOAD_SOM ENCOUNTERS A MALFORMED NMXL FILE Supersedes: MPEMX90B MPELXN2B MPELXC6B MPELXB8A MPELX44D MPELX87B
MPEMXH2A	8606-308481	SYSTEM ABORT 16 WHEN BOOTING FROM A NEW STAGE WHICH DOESN'T CONTAIN NL
MPEMXJ1A	8606-300920	SADPATCH DOES NOT ACKNOWLEDGE THE CORRECT HP DIAGNOSTIC PASSWORD Supersedes: MPEMX19A
MPEMXL6C	8606-337965 8606-297155 8606-302492 8606-327251 8606-146338 8606-334232 8606-214092	OS DAT/DEBUG MACRO FIXES AND ENHANCEMENTS Supersedes: MPELX47B
MPEMXP6A	8606-351194 8606-362119	VOLUTIL CONTIGVOL IMPROVEMENTS; SA2188 DURING SHOWUSERLOG COMMAND Supersedes: MPEMX22B MPELX81B
MPEMXR6C	8606-382338	SA2003 WHEN PURGING A FILE WITH LARGE, PREALLOCATED EXTENTS Supersedes: MPEMXQ1A MPEMXK3A MPEMXH8A MPEMXE5A MPEMX99A MPEMXB3A MPEMXB2A MPEMX81C MPEMXA9A MPELXV3A MPEMX67A MPEMX70A MPEMX32A MPEMX34A MPEMX21A MPEMX11A MPELXW3C MPELXV0C MPELXQ5B MPELXW7B

Patch Index	KPR Number	Description
		MPEKXR0E MPELXM5C MPELXL3C MPELXH8E
		MPELXH5D MPELXF8B MPELXA1C MPELX86A
		MPELX71A MPEKXG6D MPELXK9B MPELXJ9C
		MPELXG6C MPELXE2B MPELXF2B MPELXG5B
		MPELX38E MPELXD7A MPELXD3A MPELXB0A
		MPELX97A MPELX75A MPELX70A MPELX66A
		MPEKXY0D MPEMX76B MPELXU2B MPELXB3A
		MPELXF7A MPELXA2A
MPEMXT6A	8606-391126	STORE ERROR RETRIEVING FILE LIST OF LARGE TURBOIMAGE DATABASE
		Supersedes: MPEMXJ6A MPEMXK1A MPEMXH6A MPEMXB6C
		MPEMX85B MPEMX93A MPEMX64A MPELXY4A
		MPELXR9A MPELXL9B MPELXL7B MPELXK1A
		MPELXH3A MPELXG2A MPELXC7B MPELXF4A
		MPELX26D MPELX94B MPELX85B MPELX58B
		MPELX62B MPELX57B MPEKXJ4I MPELX14E
		MPEKX43D MPEKXH3E
MPEMXU5A	8606-401785	FSCHECK ERROR HEADER RECORD MAIN_REC COUNT DID NOT MATCH ACTUAL COUNT
		Supersedes: MPELXL0A MPEMXT5A MPEMXQ6A MPEMXM0C
		MPEMXN8A MPEMXE1C MPEMXG1A MPEMXA1A
		MPEMX92A MPELX93B MPEMX77A MPEMX75A
		MPEMX41A MPEMX36C MPEMX25C MPELXR8A
		MPELXN9A MPELXM2A MPELXJ2A MPELXE3B
		MPELXC5B MPELX84C MPEKXD2B MPEKXD1A
		MPELX72C
NMCGDM5A	8606-143672	GENERAL FIXES FOR NMMGR ON MPE/IX 6.5 (F) PATCH
	8606-129395	
	8606-155933	Supersedes: NMCGDD2A NMCGD87A NMCGD12A NMCGD04A
	8606-156227	
	8606-175312	

Patch Information for MPE/iX 6.5 PowerPatch 6

Patch Index	KPR Number	Description
	8606-143669	
	8606-196541	
	8606-135837	
NMSHD77A	8606-351808	GENERAL FIXES FOR NMS/IX ON 6.5 (E PATCH)
	8606-195035	
	8606-135837	Supersedes: NMSGDT1A NMSGDK9A NMSGDD3A NMSGDA4A
	8606-207282	
	8606-274274	
NRCMXT8A	8606-392040	SUPPORT TOOLS UPDATE - MIRRINFO, FWSCSI AND XMTIME
		Supersedes: NRCMXR1A NRCMXN4A NRCMXH1A NRCMXB8A
		NRCMX88A NRCMX20A NRCLXX9B NRCLXP0A
		NRCLXJ5B NRCLX54B
NSRGDE6A	8606-147395	GENERAL FIXES FOR DOMAIN NAME SERVICE ROUTINES ON 6.5
	4701-326645	(A1 PATCH)
	8606-202904	Supersedes: NSRGD68A
NSSHDF1A	8606-403921	GENERAL FIXES FOR NS SERVICES ON MPE/IX 6.5 (06 PATCH)
	1653-235218	
	4701-300855	Supersedes: NSSHD76A NSSHD10A NSSGDA7A NSSGD21A
	4701-310417	NSSFDQ4A
	4701-354779	
	4701-371682	
	4701-374041	
	4701-380287	
	4701-382234	
	5003-300830	
	5003-301341	
	5003-325852	
	5003-330506	
	5003-339390	
	5003-359943	
	5003-360420	

Patch Index	KPR Number	Description
	5003-375444	
	5003-379974	
	5003-434464	
	5003-450270	
	5003-469122	
	8606-127983	
	8606-180749	
	8606-187034	
	8606-207282	
	8606-294605	
	8606-307516	
NSTHDD5A	8606-381067	GENERAL FIXES FOR NS TRANSPORT ON MPE/IX 6.5 (C1)
	1653-271494	PATCH
	1653-277780	Supersedes: NSTHDC7A NSTHDC6A NSTHD52A NSTHD20A
	1653-290882	NSTHD00A NSTGDV3A NSTGDR6A NSTGDN9A
	1653-296160	NSTGDK5A NSTGDG0A NSTGDB1A NSTGDA2A
	1653-296426	NSTGD66A NSTGD60A NSTGD31A NSTGD16A
	1653-311704	NSTGD10A NSTFDY4A NSTFDX5A NSTFDR2A
	4701-413088	NSTFDN9A
	4701-430595	
	5003-325423	
	5003-326025	
	5003-397059	
	5003-402107	
	5003-404608	
	5003-425983	
	5003-437616	
	5003-442483	
	5003-442715	
	5003-447102	
	5003-454173	
	5003-457499	
	5003-458596	
	5003-466615	

Patch Index	KPR Number	Description
	8606-104097	
	8606-104557	
	8606-104842	
	8606-104923	
	8606-106004	
	8606-108834	
	8606-109657	
	8606-114484	
	8606-114910	
	8606-125590	
	8606-128099	
	8606-128926	
	8606-130239	
	8606-134230	
	8606-134863	
	8606-138076	
	8606-151861	
	8606-152658	
	8606-154796	
	8606-159845	
	8606-162349	
	8606-168856	
	8606-169352	
	8606-171294	
	8606-174426	
	8606-174449	
	8606-174790	
	8606-180014	
	8606-180217	
	8606-181824	
	8606-182274	
	8606-185990	
	8606-186773	
	8606-189222	
	8606-198419	



Patch Index	KPR Number	Description
	8606-198894	
	8606-200275	
	8606-202562	
	8606-205404	
	8606-217960	
	8606-218133	
	8606-232667	
	8606-241875	
	8606-241914	
	8606-249651	
	8606-252796	
	8606-254218	
	8606-257335	
	8606-267660	
	8606-269347	
	8606-272847	
	8606-285610	
	8606-286850	
	8606-297205	
	8606-297985	
	8606-302842	
	8606-311133	
	8606-313326	
	8606-344330	
	8606-349406	
	8606-378129	
	8606-383055	
	8606-388358	
NSXGD05A	8606-174788	GENERAL FIXES FOR NS X.25 ON MPE/IX 6.5 (A0 PATCH)
ODIMXN2A	8606-349534	STM ONLINE DIAGNOSTICS B8343AA.75.05 GENERAL UPDATE
	8606-344345	RELEASE
		Supersedes: ODIMXL3A ODIMXE9A ODIMX96A ODIMX66A
		ODILXU1A ODIGXW7A ODILXG0A ODILXE6A ODILX77A

Patch Information for MPE/iX 6.5 PowerPatch 6

Patch Index	KPR Number	Description
OSPMXQ7A	8606-329232	REMOVE DEPENDENCY ON DISK MODEL #S IN OEM1/DSM1
	8606-352999	RULESETS
	8606-324293	Supersedes: OSPMXH3A OSPMX89A OSPLXY9A OSPLX96A
	8606-204551	OSPLX78A
	8606-321877	
PARMX97A	8606-225011	PASCAL/IX LIBRARY A.05.05.04: FIX TRAP ON OPENING PIPE
PSIGDN5A	5000-704320	GENERAL FIXES FOR PSI COMMON ON MPE/IX 6.5 (B0)
	8606-241622	
	8606-257493	Supersedes: PSIGDM7A
	8606-255193	
	8606-260739	
	8606-263624	
	8606-266676	
PTDHDD6A	8606-390714	GENERAL FIXES FOR TELNET ARPA SERVICES ON 6.5 (M
	8606-388075	PATCH)
	8606-398859	Supersedes: PTDHDD0A PTDHD49A PTDHD25A PTDGDR1A
	8606-362842	PTDGDK4A PTDGD82A PTDGD18A PTDFDX0A
	8606-410933	PTDFDT4A PTDFDT0A PTDFDN5A
	8606-410286	
	8606-389773	
	8606-174457	
	8606-175456	
	8606-219917	
	8606-177947	
	8606-188790	
	8606-194879	
	8606-194441	
	4701-422436	
	8606-105644	
	8606-145097	
	8606-128471	

Patch Index	KPR Number	Description
	8606-144009	
	8606-110880	
	8606-135179	
	8606-105676	
	5003-450791	
	8606-103646	
	8606-108146	
	5003-465229	
	8606-125817	
	8606-127187	
	8606-126741	
	1653-289421	
	8606-145672	
	8606-163420	
	8606-169841	
	8606-165041	
	8606-219640	
	8606-250349	
	8606-250491	
	8606-259714	
	8606-264334	
	8606-286302	
	8606-297984	
	8606-318942	

PX2LXB1B 5003-273706 TOBYTE CAN CREATE HUGE BYTESTREAM FILES WHEN TRIM (-T) IS USED.

PX2LXC0B 8606-145790 POSIX RLOG UTILITY DISPLAYS WRONG DATES AFTER DEC 31, 1999.

PX2LXD4B 8606-165126 THE SHELL PROGRAM PS.HPBIN.SYS CANNOT BE RUN IN BATCH.

QUEMX68A 8606-201967 QUERY/IX HP32216D.03.21 RECORD FIND RELEASES LOCK AND  
8606-225099 NO QUIT(1234)  
8606-228193 Supersedes: QUELXP5B QUELXJ0B QUELXE9C QUELXD6C  
QUELXA4C

Patch Information for MPE/iX 6.5 PowerPatch 6

Patch Index	KPR Number	Description
RJEGDP7A	8606-255193	RJE CAUSES SA1403 FROM IO SERVICES AFTER MEMORY
	8606-256454	UPGRADE FROM 2 TO 8 GB
RPGMXJ8A	8606-320424	RPG/IX A.00.21 CUMULATIVE PATCH
SCOMXQ8A	8606-370484	CPU QUEUE SHOWS HIGH VALUES...
	8606-335213	
		Supersedes: SCOMXN1A SCOMXK8A SCOMXH4A SCOMXD7A SCOMX72A SCOLXR6B SCOLXB9B
SDLGDP9A	8606-267493	MPE SNA SDLC/IX 6.5 LARGE MEMORY: HP-PB DRIVER NOT
	8606-259125	RELEASING IOVAS
	5003-444547	Supersedes: SDFDR6A
SIMGD07A	8606-127455	FIX FOR DOUBLE PRINTING OF LAST PAGE AND READ MODIFIED
	1653-220798	ALL FLAG PROBLEM
SNAGDQ1A	8606-261849	SA1458 FROM CREATE_OBJECT IN HPSNAOPENUSER ON 6.5
		Supersedes: SNAGDG1A SNAGDD9A SNAGD79A SNAGD71A SNAFDR5A
SNMHD28A	8606-303544	GENERAL FIXES FOR MPE/IX 6.5 SNMP (F PATCH)
	8606-215702	
	8606-135837	Supersedes: SNMGDT4A SNMGDM0A SNMGDD1A SNMFDY7A
	8606-206689	SNMFDL0A
	5000-713164	
	4701-384503	
	5003-414284	
	8606-172609	
	8606-105736	
	8606-128953	
	8606-108632	
SPTMX04B	8606-143347	SPT/IX B1776A/B1777A A.07.02 AIF/PE HANG FIX
		Supersedes: SPTLXR1B SPTLXC9B

Patch Index	KPR Number	Description
SQLMXL7A	8606-307719	ALLBASE/SQL A.G3.45 FOR MPE/IX 6.5, 7.0 AND 7.5 Supersedes: SQLMXG8A SQLMX37B SQLLXD8C SQLLX50C
STRHDD9A	8606-134134	GENERAL FIXES FOR STREAMS/IX ON MPE 6.5 RELEASE (H 8606-128070 PATCH) 4701-423996 Supersedes: STRHDB4A STRHDA9A STRGDL3A STRGD77A 5003-430017 STRGD02A STRFDV3A STRFDP5A 8606-245179 8606-212542 8606-252710 8606-245307 8606-384928 8606-322326 8606-317293
TIXMXC3B	8606-284008	GB FILE LEFT OPEN EVEN NO ACCESSOR TO THE DATABASE. 8606-266870 8606-257226 Supersedes: TIXMX73B TIXMX63B TIXMX31B TIXMX12B 8606-268617 TIXLXW6B TIXLXL4A TIXLXH2C TIXLXE5A TIXLXB5A TIXLX74C
TRRLXP7B	D500-140475	TRANSACT/IX RUN TIME 30138A.07.02 LONG BANNERS AND D500-109819 TITLE OPTION FIXES
TRXLXP8B	8606-174766	TRANSACT/IX COMPILER 30138A.07.02 INTRINSIC CALLS AND 8606-175370 IPFILE COMPILE
TSMHD31A	8606-316308	GENERAL FIXES FOR TERMDSM FOR 6.5 RELEASE (04 PATCH). 8606-189379 8606-178330 Supersedes: TSMGD57A TSMGD13A TSMGD08A 8606-176448
VG1GD38A	8606-180611	GENERAL FIXES FOR NIO 100VG LINK (B5426BA) ON MPE/IX 6.5 (A0) PATCH

Patch Index	KPR Number	Description
VGCGDH0A	8606-130885	GENERAL FIXES FOR NIO VG-BT DRIVER ON MPE/IX 6.5 (C0)
	8606-139395	PATCH
	8606-135284	Supersedes: VGCFDU7A
	8606-167613	
	8606-245136	
	8606-223348	
	8606-177943	
	8606-222304	
VGPHD32A	8606-316392	GENERAL FIXES FOR NIO VG-BT FORMATTER ON MPE/IX 6.5
	8606-130885	(D0) PATCH
	8606-139395	Supersedes: VGFGDH1A VGFGD41A VGFFDU6A
	8606-135284	
	8606-167613	
	8606-180611	
	8606-201933	
	8606-231571	
	8606-159637	
	8606-223379	
VPLLX49C	8606-131968	VPLUS WITH ARB ENABLED RETURNS YEAR '00' AS 'A0' AND '10' AS 'B0', ETC
XPMMX65A	8606-249488	FIX TO HP SURESTORE E RAID MANAGER XP (RM) UTILITIES FOR ERR 242  Supersedes: XPMLXD9A