

# 5360 System Reference Code (SRC)

- The SRCs are in sequence on the microfiche cards. Use the table below to determine the approximate location of your SRC on the microfiche cards.

**System Reference Code Table**

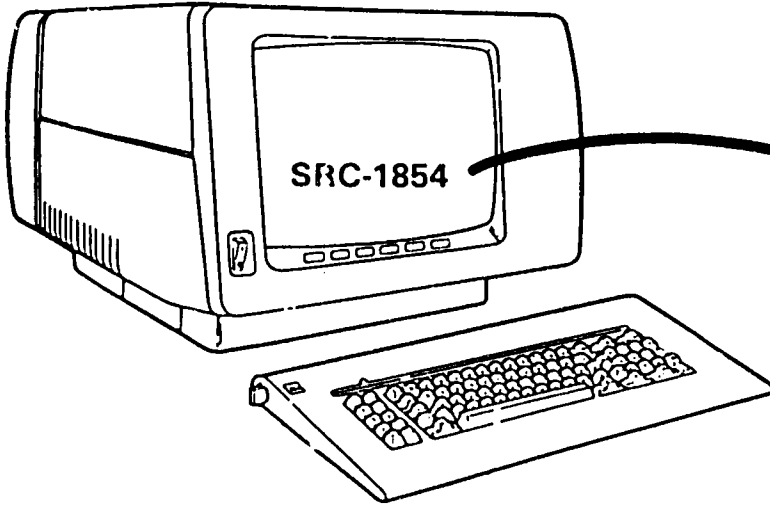
SRC	Device	Card	Row	Frame
0000	Program	1	A	4
0100	Work station	1	A	17
1000	CSP/MSP/channel	1	C	6
1800	Communications	1	E	17
1900	21ED file	2	C	9
1A00	10SR file	2	D	10
1b00	8809	4	A	10
1d00	Diskette	4	B	5
1E00	Printer	4	B	9
2000	CSU, misc.	4	B	17
A000	Load	4	C	18
C000	Wrap error	4	D	5
d000	MS/CSIPL load	5	B	13
E000	CSP	5	C	17
91 Thru FF	Power (2 character codes)	5	E	7

# How to Use the System Reference Code (SRC)

- The customer is directed by the Problem Determination (PD) Guide and/or System Messages Manual to gather information, record, and report the SRC when placing a call for service.
- If no SRC is reported, the CSR should contact the customer and determine what information is available and to obtain an SRC. The CSR should ensure that the customer has run PDP. See Frame A3 for sources of SRCs. SRCs are also logged in ERAP.
- Look up the SRC on the microfiche card to determine:
  - Failing feature or device.
  - Probable failing FRUs with % of probability.
  - FRU part numbers.
  - Need for programming support.
  - References to the maintenance package.
- This information will allow the CSR to determine what service action is required and what FRUs should be taken on the service call.

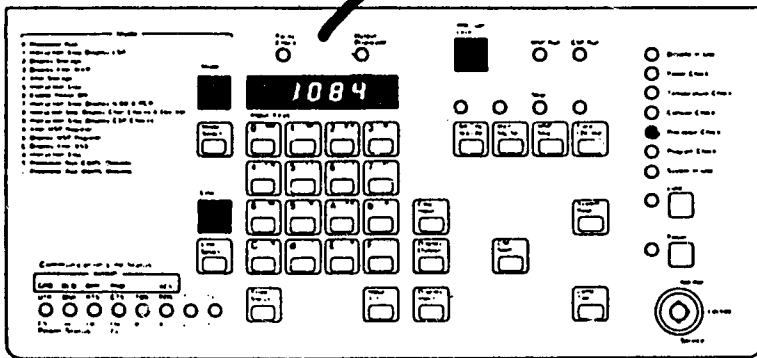
- The customer gets the SRC from one of the three sources shown depending on the type of problem.

**Example 1  
SRC on Console Screen**



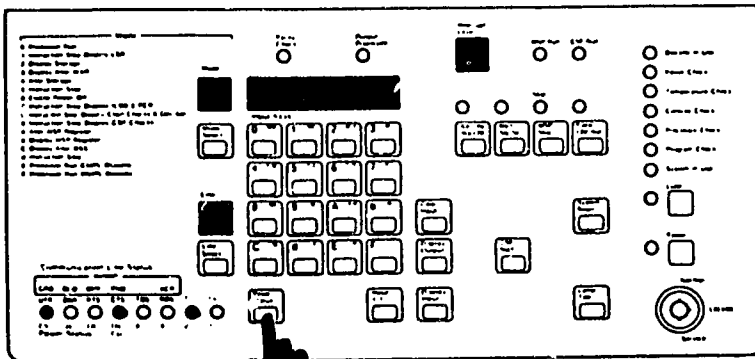
**1854**  
(line adapter error)

**Example 2  
SRC on Panel**



**1084**  
(main store write  
parity check)

**Example 3  
Power Check**



**92**  
(two character code)

**XXXX**  
System Reference Code

**92**  
(Protect card failure)

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0000	Program				With program check on--- Storage dump has been requested.
0001	Program				With program check on--- Module ID not found in control storage library.
0002	Program				With program check on--- Attempt to relocate a module that has no RLDs.
0003	Program				With program check on--- Control storage module link, load addrs unequal.
0004	Program				With program check on--- Dump requested by pressing stop key.
0005	Program				With program check on--- Quiesce counter has negative value.
0006	Program				With program check on--- Privileged operation issued in nonprivileged mode.
0007	Program				With program check on--- Register stack underflow or overflow.
0008	Program				With program check on--- Address translation error logging comm line data.
0009	Program				With program check on--- Address translation error relocating MS module.
0010	Program				With program check on--- Disk IOB parameters not valid.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0011	Program				With program check on--- Permanent disk read error.
0012	Program				With program check on--- Dump requested because of hardware error.
0013	Program				With program check on--- Main storage program exception.
0014	Program				With program check on--- Main storage address access by MSP not valid.
0015	Program				With program check on--- Main storage op code not valid.
0016	Program				With program check on--- Storage dump has been requested.
0017	Program				With program check on--- Address translation error during load SVC.
0018	Program				With program check on--- Error stack overflow.
0020	Program				With program check on--- Timer queue part not valid
0021	Program				With program check on--- Address translation error on \$TRB parameter list.
0022	Program				With program check on--- System date flag found in Syscom not valid.
0023	Program				With program check on--- Nonprivileged program issued timer load request.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0024	Program				With program check on--- Type specified with timer request not valid.
0025	Program				With program check on--- Nonprivileged pgm issued mulitplewait timer req.
0026	Program				With program check on--- ITYPE specified with timer request not valid.
0027	Program				With program check on--- Negative time value specified with timer request.
0028	Program				With program check on--- Inline parm specified with timer request not valid.
0029	Program				With program check on--- Timer ID from \$SIT or \$RIT not valid.
0030	Program				With program check on--- Disk error during translated assign recovery
0031	Program				With program check on--- Permanent diskette error during IPL from diskette.
0032	Program				With program check on--- Address translation error moving main storage pgm.
0033	Program				With program check on--- Disk error--unrecoverable disk operation.
0034	Program				With program check on--- Disk error--unrecoverable hardware error.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0035	Program				With program check on--- Disk error--unrecoverable or sector not valid.
0036	Program				With program check on--- Disk error--no alternative sectors available.
0037	Program				With program check on--- Error TB address is not valid.
0038	Program				With program check on--- Disk error--data accessed may not be valid.
0040	Hdwre - Program				Data set ready line inactive. --- OR --- With program check on--- Branch to a relocatable CS module that is not loaded.
0041	Hdwre - Program				Idle detected. --- OR --- With program check on--- System is in a wait or infinite loop.
0042	Hdwre				Receive clock failed.
0043	Hdwre				Data set ready line active (switched only).
0044	Hdwre - Program				30 second time out (switched only). --- OR --- With program check on--- Program is larger than main storage user area.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0045	Hdwre - Program				Data set will not activate (X.25 only). --- OR --- With program check on--- Task already in abnormal termination.
0046	Hdwre - Program				Frame reject received (X.25 only). --- OR --- With program check on--- Error ACE is the dump ACE.
0047	Hdwre - Program				DM/Disc received (X.25 only). --- OR --- With program check on--- Main storage 2K segment error.
0048	Program				With program check on--- Tape IOB parameters not valid.
0049	Program				With program check on--- Device-to-device IOB parameter not valid.
0050	Hdwre - Program				Clear to send error. --- OR --- With program check on--- Disk error--loading control storage module.
0051	Hdwre				Transmit clock failed.
0052	Hdwre - Program				Transmit hardware error. --- OR --- With program check on--- Assign SVC or free SVC parameters not valid.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0053	Hdwre - Program				T1 timer retry count expired (X.25 only). --- OR --- With program check on--- Disk error--loading control storage transient.
0054	Program				With program check on--- Sector address calculated on task work area request not valid.
0055	Program				With program check on--- Nonprivileged pgm accessing privileged transient.
0056	Program				With program check on--- Dump requested by SETDUMP utility.
0058	Program				With program check on--- I/O device address in a work station IOB not valid.
0059	Program				With program check on--- Permanent work station error during MSIPL.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0060	RemWSC -  Program				<p>Appears in ERAP table for remote work station controller.</p> <p>(SDLC only) Counts the test frames received from the host system with CRC errors during a link test.</p> <p>--- OR ---</p> <p>(X.25 only) Counts all the "receive not ready" commands sent to the host system.</p> <p>--- OR ---</p> <p>With program check on--- Permanent assign failure.</p>
0061	RemWSC -  Program				<p>Appears in ERAP table for remote work station controller.</p> <p>(SDLC only) Counts the test frames received from the host system without CRC errors during a link test.</p> <p>--- OR ---</p> <p>(X.25 only) Counts all the "receive not ready" commands sent to the host system.</p> <p>--- OR ---</p> <p>With program check on--- Emulation instruction not valid.</p>

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0062	RemWSC -  Program				<p>Appears in ERAP table for remote work station controller.</p> <p>Counts the underrun conditions found by the communications adapter.</p> <p>--- OR ---</p> <p>With program check on--- MCR IOB parameter not valid.</p>
0063	RemWSC -  Program				<p>Appears in ERAP table for remote work station controller.</p> <p>Counts the overrun conditions found by the communications adapter.</p> <p>--- OR ---</p> <p>With program check on--- MCR IOB address must be a real address.</p>
0064	RemWSC -  Program				<p>Appears in ERAP table for remote work station Controller.</p> <p>Counts the loss of the "receive line signal detect" signal during a receive operation.</p> <p>--- OR ---</p> <p>With program check on--- ATR load error on MCR IOB data buffer address.</p>

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0065	RemWSC -  Program				Appears in ERAP table for remote work station controller. Counts the loss of the "clear to send" line during a transmit operation. --- OR --- With program check on--- ATR load error on logging MCR data.
0066	RemWSC -  Program				Appears in ERAP table for remote work station controller. Counts the loss of the "data set ready" line during a transmit or receive operation. --- OR --- With program check on--- MCR ERB not found.
0067	RemWSC -  Program				Appears in ERAP table for remote work station controller. Counts the loss of the "reject" commands sent by the work station controller. --- OR --- With program check on--- Disk error during MCR controller load.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0068	RemWSC -  Program				<p>Appears in ERAP table for remote work station controller.</p> <p>Counts the frame or groups of frames that must be transmitted again by the work station controller to the host system because the host system did not receive them correctly.</p> <p>--- OR ---</p> <p>With program check on--- Program exceeds MAPMAX value.</p>
0069	RemWSC -  Program				<p>Appears in ERAP table for remote work station controller.</p> <p>Counts the frames that were received that have a CRC error.</p> <p>--- OR ---</p> <p>With program check on--- Storage management failure</p>
006A	RemWSC				<p>Appears in ERAP table for remote work station controller.</p> <p>Counts the number of times an abort is received by the work station controller.</p>
006b	RemWSC				<p>Appears in ERAP table for remote work station controller.</p> <p>Counts the detected failures of the XLCA communications card.</p>

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
006C	RemWSC				Appears in ERAP table for remote work station controller. Counts the number of times the T1 counter expires.
006d	RemWSC				Appears in ERAP table for remote work station controller. PDU retransmission (X.25 with ELLC).
006E	RemWSC				Appears in ERAP table for remote work station controller. Counts the number of information frames transmitted.
006F	RemWSC				Appears in ERAP table for remote work station controller. Counts the number of valid information frames received.
0070	Hdwre - Program				Remote cluster feature hardware error. --- OR --- With program check on-- Diskette sector address not valid.
0071	Program				With program check on-- Emulation address not valid.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0072	Hdwre - Program				Remote cluster feature overrun. --- OR --- With program check on-- Read DSC storage IOB parameter not valid.
0073	Hd' e				Remote cluster feature write error.
0075	Program				With program check on-- Disk error--no disk recovery block found.
0079	Program				With program check on-- SVC requested not valid.
0080	Program				With program check on-- Translated IOB not valid-- not mapped or not permitted.
0081	Program				With program check on-- Translated buffer not valid -- not aligned or not mapped.
0082	Program				With program check on-- Translated parameter list not valid--not mapped.
0083	Program				With program check on-- SVC map parameter list is in error.
0084	Program				With program check on-- Zero quick-lock address passed.
0085	Program				With program check on-- Communication IOB has header length which is not valid.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0086	Program				With program check on-- Post of communication ERB not valid.
0087	Program				With program check on-- XASGN request not valid.
0088	Program				With program check on-- XFREE request not valid.
0089	Program				With program check on-- CSP main storage program exception.
0090	Program				With program check on-- CSP main storage program exception.
0092	Program				With program check on-- I/O buffer is aligned on an odd byte boundry.
0093	Program				With program check on-- Control storage address not valid.
0094	Program				With program check on-- Control storage program timed out while looping.
0095	Program				With program check on-- Wild branch taken by a control storage program.
0096	Program				With program check on-- Power off command not valid.
0097	Program				With program check on-- Task work area deallocate request not valid.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0098	Hdwre - Program				Undefined remote hardware error. --- OR --- With program check on-- Not enough task work area reserved.
0100	36 W/S Display WS cbl A-A1J2 A-A1V4 - 72 W/S Display WS cbl A-A3T2 A-A3V4	60 30 5 4  60 30 5 4	4177027 8636624  4177027 2597431	WS adapter card WS cable assembly  WS Adapter card WS cable asm	The work station display has not responded to a command in the specified amount of time (127 micro seconds). Twinax/IBM cabling system Run network analysis.
0101	36 W/S A-A1J2 WS cbl Display A-A1V4 72 W/S A-A3T2 WS cbl Display A-A3V4 - Program	50 30 16 3  50 30 16 3	4177027  8636624  4177027  2597431	WS adapter card  WS cable assembly  WS Adapter card  WS cable asm	Some condition is causing the twin-axial driver/receiver to fail.  --- OR --- With program check on-- Device unit block has a device ID which is not valid. Twinax/IBM cabling system Run network analysis.
0102	Program				With program check on-- \$NUPD was called for an unsupported function.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0103	36 W/S				A parity error has been detected by the work station attachment. The most probable cause is noise.  Twinax/IBM cabling system Run network analysis.
	Noise	60			
	WS cbl	30			
	A-A1V4	5	8636624	WS cable assembly	
	Display	3			
	A-A1J2	2	4177027	WS adapter card	
	-				
	72 W/S				
	Noise	60			
	WS cbl	30			
A-A3V4	5	2597431	WS cable asm		
Display	3				
A-A3T2	2	4177027	WS Adapter card		
0104	36 W/S				A parity error has been detected by the work station attachment. The most probable cause is noise.  Twinax/IBM cabling system Run network analysis.
	Noise	60			
	WS cbl	30			
	Display	4			
	A-A1V4	4	8636624	WS cable assembly	
	A-A1J2	2	4177027	WS adapter card	
	-				
	72 W/S				
	Noise	60			
	WS cbl	30			
Display	4				
A-A3V4	4	2597431	WS cable asm		
A-A3T2	2	4177027	WS Adapter card		
0105	Hdwre				Work station not accessible. --- OR --- With program, check on-- POSTI failure of a task.
-	Program				

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0106	36 W/S Display WS cbl A-A1J2 A-A1V4 72 W/S Display WS cbl A-A3T2 A-A3V4 - Program	40 8 4 2 40 8 4 2	4177027 8636624 4177027 2597431	WS adapter card WS cable assembly  WS Adapter card WS cable asm	A byte count error has been detected by the work station attachment.  --- OR --- With program check on-- Task work area SVC cannot honor WSWA get/put request. Twinax/IBM cabling system Run network analysis.
0107	Hdwre - Program				Wrong work station responded. --- OR --- With program check on-- Task work area deallocate request not valid.
0108	36 W/S Display A-A1J2 WS cbl A-A1V4 72 W/S Display A-A3T2 WS cbl A-A3V4 - Program	95 2 1 1 95 2 1 1	4177027 8636624 4177027 2597431	WS adapter card WS cable assembly  WS Adapter card WS cable asm	The work station display was reset at the wrong time.  --- OR --- With program check on-- Task work area base ID does not exist. Twinax/IBM cabling system Run network analysis.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0112	Program				With program check on-- CSP accessed a main storage address which is not valid.
0113	Program				With program check on-- I/O operation issued to active IOB.
0120	36 W/S Noise Display A-A1J2 WS cbl A-A1H2  A-A1V4 72 W/S Noise Display A-A3T2 WS cbl A-A3S2 A-A3V4	40 25 20 8 5  2 40 25 20 8 5 2	4177027  4177036 4177038 4237136 2597763 8636624  4177027  4237136 2597763 2597431	WS adapter card  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly  WS Adapter card  Ctrlr cd 64KW Ctrlr cd 64KW WS cable asm	The command sent to the work station display was not a valid command. Noise is the mc.st probable cause.  Twinax/IBM cabling system Run network analysis.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0121	36 W/S	40			The address counter value sent to the work station display was too large. Noise is the most probable cause.  Twinax/IBM cabling system Run network analysis.
	Noise	25			
	Display	20	4177027	WS adapter card	
	A-A1J2	8			
	WS cbl	5	4177036	WSC Base card 16 KW	
	A-A1H2		4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1V4	2	8636624	WS cable assembly	
	72 W/S	40			
	Noise	25			
	Display	20	4177027	WS Adapter card	
	A-A3T2	8			
	WS cbl	5	4237136	Ctrlr cd 64KW	
A-A3S2		2597763	Ctrlr cd 64KW		
	2	2597431	WS cable asm		
A-A3V4					
0122	36 W/S	35	4177027	WS adapter card	The amount of command bytes sent to the work station display was too large.  Twinax/IBM cabling system Run network analysis.
	A-A1J2	35	4177036	WSC Base card 16 KW	
	A-A1H2		4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	Display	20			
	WS cbl	8			
	A-A1V4	1	8636624	WS cable assembly	
	72 W/S	35	4177027	WS Adapter card	
	A-A3T2	35	4237136	Ctrlr cd 64KW	
	A-A3S2		2597763	Ctrlr cd 64KW	
	Display	20			
	WS cbl	8			
	A-A3V4	1	2597431	WS cable asm	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0123	36 W/S				The address counter value sent to the work station display was not a valid value. Noise is the most probable cause.  Twinax/IBM cabling system Run network analysis.
	Noise	40			
	Display	25			
	A-A1J2	20	4177027	WS adapter card	
	WS cbl	8			
	A-A1H2	5	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1V4	2	8636624	WS cable assembly	
	72 W/S				
	Noise	40			
	Display	25			
	A-A3T2	20	4177027	WS Adapter card	
WS cbl	8				
A-A3S2	5	4237136	Ctrlr cd 64KW		
		2597763	Ctrlr cd 64KW		
A-A3V4	2	2597431	WS cable asm		
0124	36 W/S				A not valid activate command was sent to the work station display Noise is the most probable cause.  Twinax/IBM cabling system Run network analysis.
	Noise	40			
	Display	25			
	A-A1J2	20	4177027	WS adapter card	
	WS cbl	8			
	A-A1H2	5	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1V4	2	8636624	WS cable assembly	
	72 W/S				
	Noise	40			
	Display	25			
	A-A3T2	20	4177027	WS Adapter card	
WS cbl	8				
A-A3S2	5	4237136	Ctrlr cd 64KW		
		2597763	Ctrlr cd 64KW		
A-A3V4	2	2597431	WS cable asm		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0125	36 W/S Display WS cbl A-A1H2  A-A1J2 A-A1V4 72 W/S Display WS cbl A-A3S2  A-A3T2 A-A3V4	30 8 5  5 2  30 8 5  5 2	4177036 4177038 4237136 2597763 4177027 8636624  4237136 2597763 4177027 2597431	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card WS cable assembly  Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card WS cable asm	The work station display has reported an error, but the status is not valid.  Twinax/IBM cabling system Run network analysis.
0127	36 W/S Display A-A1J2 WS cbl A-A1H2  A-A1V4 72 W/S Display A-A3T2 WS cbl A-A3S2  A-A3V4	25 20 8 5  2  25 20 8 5 2	4177027 4177036 4177038 4237136 2597763 8636624  4177027 4237136 2597763 2597431	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly  WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW WS cable asm	The address counter value sent to an IGC work station display in extended character mode was too large. Twinax/IBM cabling system Run network analysis.
0149	A-A1H2	40	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The work station attachment has reported an error, but the error status is not valid.
0181	Hdwre				Magnetic stripe reader error.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0182	Hdwre				Device type error.
0183	Hdwre				Wrong size display assemble.
0184	Hdwre				Wrong keyboard ID.
0185	Hdwre				Wrong keyboard specified.
0186	36 W/S Display WS cbl A-A1H2  A-A1J2 A-A1V4 72 W/S Display WS cbl A-A3S2  A-A3T2 A-A3V4	75 8 5  5 2  75 8 5  5 2	4177036 4177038 4237136 2597763 4177027 8636624  4237136 2597763 4177027 2597431	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card WS cable assembly  Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card WS cable asm	The work station display indicated that a magnetic stripe reader operation occurred when no magnetic stripe reader was installed. Twinax/IBM cabling system

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0189	36 W/S Display WS cbl A-A1H2  A-A1J2 A-A1V4 72 W/S Display WS cbl A-A3S2  A-A3T2 A-A3V4	75 8 5  5 2  75 8 5  5 2	4177036 4177038 4237136 2597763 4177027 8636624  4237136 2597763 4177027 2597431	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card WS cable assembly  Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card WS cable asm	The work station display indicated that a magnetic stripe reader operation occurred but no data was sent to the work station attachment. Twinax/IBM cabling system
0190	Display	99			The work station display has not changed the even/odd time out bit in 400 milliseconds. Indicated a work station display error.
0191	Display	99			The work station display can not complete a command in 460 milliseconds. Indicates a work station display failure.
0200	36 W/S Printer WS cbl A-A1J2 A-A1V4 72 W/S Printer WS cbl A-A3T2 A-A3V4	60 30 5 4  60 30 5 4	4177027 8636624  4177027 2597431	WS adapter card WS cable assembly  WS Adapter card WS cable asm	The work station printer has not responded to a command in the specified amount of time. Twinax/IBM cabling system

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0201	36 W/S A-A1J2 WS cbl Printer A-A1V4 72 W/S A-A3T2 WS cbl Printer A-A3V4 - Program	50 30 16 3 50 30 16 3	4177027   8636624  4177027  2597431	WS adapter card   WS cable assembly  WS Adapter card  WS cable asm	Some condition is causing the twinax driver receiver to fail work station.   --- OR --- With program check on-- Assign failure on external DCB. Twinax/IBM cabling system
0202	Program				With program check on-- Disk error--loading file subsystem transient.
0203	36 W/S Noise WS cbl A-A1V4 Printer A-A1J2 72 W/S Noise WS cbl A-A3T2 Printer A-A3V4 - Program	60 30 5 3 2 60 30 2 3 5	   8636624  4177027   4177027  2597431	   WS cable assembly  WS adapter card   WS Adapter card  WS cable asm	A parity error has been detected by the work station attachment. The most probable cause is noise.   --- OR --- With program check on-- Block count < threshold on assign of internal DCB. Twinax/IBM cabling system

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0204	36 W/S Noise WS cbl Printer A-A1V4 A-A1J2 72 W/S Noise WS cbl A-A3V4 Printer A-A3T2 - Program	60 30 4 4 2  60 30 4 4 2	8636624 4177027   2597431 4177027	WS cable assembly WS adapter card   WS cable asm WS Adapter card	A parity error has been detected by the work station printer. The most probable cause is noise.      --- OR --- With program check on-- Block count < threshold on free of external DCB. Twinax/IBM cabling system
0205	Hdwre - Program				Work station not accessible. --- OR --- With program check on-- DSC register stack underflow/overflow.
0206	36 W/S Printer A-A1J2 WS cbl A-A1V4 72 W/S Printer A-A3V4 WS cblm A-A3V4 - Program	40 20 8 2  40 20 8 2	4177027 8636624  2597431 2597431	WS adapter card WS cable assembly  WS cable asm WS cable asm	A byte count error has been detected by the work station attachment.      --- OR --- With program check on-- IOB found in DCB not valid. Twinax/IBM cabling system

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0207	Hdwre - Program				Wrong work station responded. --- OR --- With program check on-- ATR error from DSC -- data buffer length is not valid.
0208	36 W/S Printer A-A1J2 A-A1V4 WS cbl 72 W/S Printer A-A3T2 A-A3V4 WS cbl - Program	95 2 1 1 95 2 1 1	4177027 8636624  4177027 2597431	WS adapter card WS cable assembly  WS Adapter card WS cable asm	The work station printer was reset at the wrong time.   --- OR --- With program check on-- Buffer address in buffer deallocation in the DSC not valid. Twinax/IBM cabling system

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0209	36 W/S Noise Printer A-A1J2 WS cbl A-A1V4 - 72 W/S Noise Printer A-A3T2 WS cbl A-A3V4 - Program	40 30 20 8 2  40 30 20 8 2	4177027  8636624  4177027 2597431	WS adapter card  WS cable assembly  WS Adapter card WS cable asm	The work station printer did not respond to a command from the work station attachment. Noise is the most probable cause           --- OR --- With program check on-- No buffer space for diskette ERP under device-to-device. Twinex/IBM cabling system
0211	Hdwre -    Program				Machine check - 5219/5224/5225/4234/work station printers. --- OR --- DMA operation time-out for 5553/5557 work station printers. --- OR --- With program check on-- Device ID in IOB on return from DSC not valid.
0212	Hdwre -   Program				Machine check - 5219 work station printers. --- OR --- With program check on-- SIO logging IOB not valid.
0214	Program				With program check on-- SMF IOB not valid.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0220	36 W/S				The command sent to the work station was not a valid command. Noise is most probable cause.  Twinax/IBM cabling system
	Noise	40			
	Printer	25			
	A-A1J2	20	4177027	WS adapter card	
	WS cbl	8			
	A-A1H2	5	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1V4	2	8636624	WS cable assembly	
	-				
	72 W/S				
	Noise	40			
	Printer	25			
A-A3T2	20	4177027	WS Adapter card		
WS cbl	8				
A-A3S2	5	4237136	Ctrlr cd 64KW		
		2597763	Ctrlr cd 64KW		
A-A3V4	2	2597431	WS cable asm		
0221	36 W/S				The work station printer has reported an error. The exception status is not valid.  Twinax/IBM cabling system
	Printer	30			
	WS cbl	8			
	A-A1H2	5	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	5	4177027	WS adapter card	
	A-A1V4	2	8636624	WS cable assembly	
	-				
	72 W/S				
	Printer	30			
	WS cbl	8			
	A-A3S2	5	4237136	Ctrlr cd 64KW	
		2597763	Ctrlr cd 64KW		
A-A3T2	5	4177027	WS Adapter card		
A-A3V4	2	2597431	WS cable asm		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0222	36 W/S A-A1H2	35	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The number of command bytes sent to the work station printer was too large.  Twinax/IBM cabling system
	A-A1J2 Printer	35	4177027	WS adapter card	
	WS cbl	20			
	A-A1V4	5			
	-	1	8636624	WS cable assembly	
	72 W/S A-A3S2	35	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	
	A-A3T2 Printer	35	4177027	WS Adapter card	
	WS cbl	20			
	A-A3V4	5			
	-	1	2597431	WS cable asm	
0223	36 W/S Printer	50			The work station printer did not respond to an active command and did not report a parity error.  Twinax/IBM cabling system
	WS cbl	8			
	A-A1H2	5	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	
	A-A1J2	5	4177027	WS adapter card	
	A-A1V4	2	8636624	WS cable assembly	
	-				
	72 W/S Printer	50			
	WS cbl	8			
	A-A3S2	5	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	
	A-A3T2	5	4177027	WS Adapter card	
A-A3V4	2	2597431	WS cable asm		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0224	36 W/S Noise Printer	40 25			A not valid activate command was sent to the work station printer. Noise is the most probable cause.  Twinax/IBM cabling system
	A-A1J2	20	4177027	WS adapter card	
	WS cbl	8			
	A-A1H2	2	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1V4	2	8636624	WS cable assembly	
	-				
	72 W/S Noise Printer	40 25			
	A-A3T2	20	4177027	WS Adapter card	
	WS cbl	8			
	A-A3S2	2	4237136	Ctrlr cd 64KW	
			2597763	Ctrlr cd 64KW	
A-A3V4	2	2597431	WS cable asm		
0225	36 W/S Printer	30			The work station printer has reported an error. Undefined exception status  Twinax/IBM cabling system
	WS cbl	3			
	A-A1H2	5	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	5	4177027	WS adapter card	
	A-A1V4	2	8636624	WS cable assembly	
	-				
	72 W/S Printer	30			
	WS cbl	8			
	A-A3S2	5	4237136	Ctrlr cd 64KW	
			2597763	Ctrlr cd 64KW	
	A-A3T2	5	4177027	WS Adapter card	
A-A3V4	2	2597431	WS cable asm		

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0226	Printer	99			The work station printer has reported an unprintable character. See the work station printer MIM.
0228	Printer	99			Printer data stream command not valid. See the work station printer MIM.
0229	Printer	99			Printer data stream parameter not valid. See the work station printer MIM.
0230	Printer	99			Printer mechanism not ready. See the work station printer MIM.
0231	Printer	99			Print check. See the work station printer MIM.
0232	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- OXREF resident table exceeded.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>0233</b>	<b>Printer</b> -  <b>Program</b>	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Cannot free this library format-1 -- has active owners.
<b>0234</b>	<b>Printer</b>	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM.
<b>0235</b>	<b>Printer</b> -  <b>Program</b>	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Program check in termination exit routine.
<b>0236</b>	<b>Printer</b>	<b>99</b>			Print check. See the work station printer MIM.
<b>0237</b>	<b>Printer</b>	<b>99</b>			Print check. See the work station printer MIM.
<b>0238</b>	<b>Printer</b>	<b>99</b>			Print check. See the work station printer MIM.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>0239</b>	<b>Printer</b> -	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- SSP not valid.
<b>0240</b>	<b>Printer</b> -	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Program tried to cancel a noncancelable task.
<b>0241</b>	<b>Printer</b> -	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Disk error while condensing the system library.
<b>0242</b>	<b>Printer</b> -	<b>99</b>			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Deallocate or termination found PSB with no TUB.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0243	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Command processor task or user task has no JCB.
0244	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- MICs 3700, 3712, 3713 not found in ##MSG2 member.
0245	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- MICs 3710 or 3711 not found in ##MSG2 member.
0246	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Syslog function called by the command processor.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0247	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- IBM module has WTG table which is not valid or format index table.
0248	Printer -  Program	99			The work station printer has reported a unit error. See the work station printer MIM. --- OR --- With program check on-- Library/file use count is less than zero.
0249	Printer -  Program	99			The work station printer has undefined error status See the work station printer MIM. --- OR --- With program check on-- Required SSP module not found during MASIPL.
0250	Printer -  Program	99			Forms jam or end of forms. See the work station printer MIM. --- OR --- With program check on-- Format-5 extents partially free during file delete.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0251	Printer - Program	99			Printer not available. See the work station printer MIM. --- OR --- With program check on-- Format-5 file count is less than zero.
0252	Program				With program check on-- An AFA Format 1 has a file type not valid.
0253	Program				With program check on-- Unexpected return code from diskette VTOC R/W.
0254	Program				With program check on-- Unexpected return code from disk VTOC access.
0255	Printer - Program				Shared printer busy. --- OR --- With program check on-- SDLC detected communications failure.
0258	Printer	99			End of ribbon. See the work station printer MIM.
0259	36 W/S A-A1J2 WS cbl Wrkstn A-A1V4 - 72 W/S A-A3T2 WS cbl Wrkstn A-A3V4	50 30 16 3	4177027 8636624	WS adapter card WS cable assembly	Some condition is causing the twinaxial driver/ receiver to fail. See MAP 7001. Twinax/IBM cabling system
		50 30 16 3	4177027 2597431	WS Adapter card WS cable asm	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0260	36 W/S A-A1J2 A-A1H2  Wrkstn WS cbl A-A1V4  72 W/S A-A3T2 A-A3S2  Wrkstn WS cbl A-A3V4	40 30  20 8 2  40 30  20 8 2	4177027 4177036 4177038 4237136 2597763  8636624  4177027 4237136 2597763  2597431	WS adapte   WSC Base ca. 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW  WS cable assembly  WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW  WS cable asm	The work station failed its hardware interrupts level test. See MAP 7001.  Twinax/IBM cabling system
0261	Wrkstn WS cbl	75 25			Display stations and/or printers on a port are not responding. Go to the device maintenance manual(s) and MAP 7001. Twinax/IBM cabling system
0266	Printer	99			The work station printer (5219) has a data stream error. See the work station printer MIM.
0267	Printer	99			The work station printer (5219) has a data stream error. See the work station printer MIM.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
0268	Printer	99			The work station printer (5219) has a data stream error. See the work station printer MIM.
0269	Printer	99			The work station printer (5219) has a data stream error. See the work station printer MIM.
0281	Printer	99			The work station printer has a cover check or machine check. See the work station printer MIM.
0283	Printer	99			The work station printer has a print check. See the work station printer MIM.
0284	Printer	99			The work station printer has a print check. See the work station printer MIM.
0285	Printer	99			The work station printer has a print check. See the work station printer MIM.
0286	Printer	99			The work station printer has a print check. See the work station printer MIM.
0287	Printer	99			The work station printer has a machine check. See the work station printer MIM.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
0288	Printer	99			The work station printer has a ribbon jam. See the work station printer MIM.
0289	Printer	99			The work station printer has a ribbon jam. See the work station printer MIM.
0290	Printer	99			The work station printer has not changed the even/odd time out bit in 8 seconds indicating a work station printer error.
0291	Printer	99			The work station printer has not completed a command inside of 8 seconds indicating a work station printer error.
0bXX					Display LSR Od. XX may be 00 to FF. If the contents are between dA01-dAff and the Processor Check light is on, replace A-A1P2 and A-A1Q2 with new FRUs.
1001	A-A1N2 A-A1M2 A-A1L2 MS A-A1Q2 A-A1P2 A-A1	92 2 2 1 1 1 1	8248087 4234097 4234080 4234069 4234098 2597704 2597706 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card CSP Channel card MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card	A system bus P check occurred during I/O instruction. MS = main storage

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1002	A-A1N2 A-A1M2 MS A-A1Q2 A-A1P2 A-A1L2	95 1 1 1 1 1	8248087 4234097 4234080 4234098 2597704 2597706 4233686 4234069	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Channel card	A sys bus P check occurred during cycle steal. MS = main storage.
1003	A-A1N2 A-A1M2 A-A1L2 MS A-A1Q2 A-A1P2 A-A1	92 2 2 1 1 1 1	8248087 4234097 4234080 4234069 4234098 2597704 2597706 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card CSP Channel card MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card	A SDR P check occurred.  MS = main storage.
1004	A-A1N2 A-A1M2 A-A1L2 MS A-A1Q2 A-A1P2 A-A1	92 2 2 1 1 1 1	8248087 4234097 4234080 4234069 4234098 2597704 2597706 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card CSP Channel card MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card	A SDR P check occurred.  MS = main storage.
1005	A-A1N2 A-A1M2 A-A1L2 A-A1Q2 A-A1	96 1 1 1 1	8248087 4234097 4234080 4234069 2597706	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card CSP Channel card MSP Data Flow card	A MDR parity check occurred.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1041	A-A1N2 A-A1L2 A-A1Q2 A-A1M2 A-A1P2 A-A1	73 23 1 1 1 1	8248087 4234097 4234069 2597706 4234080 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Channel card MSP Data Flow card CSP Data Flow card MSP Control card	The data written to storage had bad parity.
1042	A-A1L2 A-A1N2 A-A1M2 A-A1P2 A-A1Q2 A-A1	77 19 1 1 1 1	4234069 8248087 4234097 4234080 4233686 2597706	CSP Channel card CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card MSP Control card MSP Data Flow card	The data written to storage during a cycle steal had bad parity.
1043	A-A1N2	99	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	There was an unrecoverable error when data was read from storage.
1044	A-A1N2	99	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	There was an unrecoverable error when data was read from storage during a cycle steal.
1045	A-A1N2 A-A1M2 A-A1L2 MS A-A1Q2 A-A1P2 A-A1	34 31 25 6 2 1 1	8248087 4234097 4234080 4234069 4234098 2597704 2597706 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card CSP Channel card MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card	A SDR parity check occurred.  MS = main storage
1046	A-A1N2 A-A1M2 A-A1Q2 A-A1L2 A-A1P2 A-A1	73 23 1 1 1 1	8248087 4234097 4234080 2597706 4234069 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card MSP Data Flow card CSP Channel card MSP Control card	A MDR parity check occurred.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1070	A-A1M2	79	4234080	CSP Data Flow card	The data written to storage had bad parity A-A1U2 is a 512Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1U2	6	2597584	MSP stor card 512 KB	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
	A-A1	1			
1071	A-A1M2	79	4234080	CSP Data Flow card	The data written to storage had bad parity A-A1T2 is a 512Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1T2	6	2597584	MSP stor card 512 KB	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
1072	A-A1M2	79	4234080	CSP Data Flow card	The data written to storage had bad parity A-A1S2 is a 512Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1S2	6	2597584	MSP stor card 512 KB	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
1073	A-A1M2	75	4234080	CSP Data Flow card	The data written to storage had bad parity. A1R2 is a 256Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1R2	10	2597704	MSP stor card 256 KB	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
1074	A-A1U2	50	4233694	MSP stor card 128 KB	The data written to storage had bad parity. A1U2 is a 128kb storage card.
	A-A1M2	40	4234080	CSP Data Flow card	
	A-A1Q2	7	2597706	MSP Data Flow card	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
	A-A1	1			
1075	A-A1T2	50	4233694	MSP stor card 128 KB	Main storage write parity check. A1T2 is a 128Kb storage card.
	A-A1M2	40	4234080	CSP Data Flow card	
	A-A1Q2	7	2597706	MSP Data Flow card	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1076	A-A1S2	50	4233394	MSP stor card 128 KB	The data written to storage had bad parity A-A1S2 is a 128Kb storage card.
	A-A1M2	40	4234080	CSP Data Flow card	
	A-A1Q2	7	2597706	MSP Data Flow card	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
1077	A-A1R2	50	4233694	MSP stor card 128 KB	The data written to storage had bad parity A-A1S2 is a 128Kb storage card.
	A-A1M2	40	4234080	CSP Data Flow card	
	A-A1Q2	7	2597706	MSP Data Flow card	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
1078	A-A1M2	74	4234080	CSP Data Flow card	The data written to storage had bad parity. A1U2 is a 256Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1U2	10	2597704	MSP stor card 256 KB	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
	A-A1	1			
1079	A-A1M2	75	4234080	CSP Data Flow card	Main storage write parity check. A1T2 is a 256Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1T2	10	2597704	MSP stor card 256 KB	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
107A	A-A1M2	75	4234080	CSP Data Flow card	The data written to storage had bad parity. A1S2 is a 256Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1S2	10	2597704	MSP stor card 256 KB	
	A-A1L2	1	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
107C	A-A1M2	79	4234080	CSP Data Flow card	The data written to storage had bad parity A-A1R2 is a 512Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1R2	6	2597584	MSP stor card 512 KB	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1P2	1	4233686	MSP Control card	
1080	A-A1Q2	60	2597706	MSP Data Flow card	Main storage write parity check. A-A1U2 is a 512Kb storage card.
	A-A1U2	38	2597584	MSP stor card 512 KB	
	A-A1P2	1	4233686	MSP Control card	
	A-A1L2	1	4234069	CSP Channel card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1081	A-A1Q2 A-A1T2 A-A1P2 A-A1L2	60 38 1 1	2597706 2597584 4233686 4234069	MSP Data Flow card MSP stor card 512 KB MSP Control card CSP Channel card	Main storage write parity check. A-A1T2 is a 512Kb storage card.
1082	A-A1Q2 A-A1S2 A-A1P2 A-A1L2	60 38 1 1	2597706 2597584 4233686 4234069	MSP Data Flow card MSP stor card 512 KB MSP Control card CSP Channel card	Main storage write parity check. A-A1S2 is a 512Kb storage card.
1083	A-A1R2 A-A1Q2 A-A1P2 A-A1L2	50 48 1 1	2597704 2597706 4233686 4234069	MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Channel card	Main storage write parity check. A1R2 is a 256Kb storage card.
1084	A-A1U2 A-A1Q2 A-A1P2 A-A1L2	87 11 1 1	4233694 2597706 4233686 4234069	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP Channel card	Main storage write parity check. A1U2 is a 128Kb storage card.
1085	A-A1T2 A-A1Q2 A-A1P2 A-A1L2	87 11 1 1	4233694 2597706 4233686 4234069	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP Channel card	Main storage write parity check. A1T2 is a 128Kb storage card.
1086	A-A1S2 A-A1Q2 A-A1P2 A-A1L2	87 1 1 1	4233694 2597706 4233686 4234069	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP Channel card	Main storage write parity check. A-A1S2 is a 128Kb storage card.
1087	A-A1R2 A-A1Q2 A-A1P2 A-A1L2	87 11 1 1	4233694 2597706 4233686 4234069	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP Channel card	Main storage write parity check. A-A1R2 is a 128Kb storage card.
1088	A-A1U2 A-A1Q2 A-A1P2 A-A1L2	50 48 1 1	2597704 2597706 4233686 4234069	MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Channel card	Main storage write parity check. A1U2 is a 256Kb storage card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>1089</b>	<b>A-A1T2</b> <b>A-A1Q2</b> <b>A-A1P2</b> <b>A-A1L2</b>	<b>50</b> <b>48</b> <b>1</b> <b>1</b>	<b>2597704</b> <b>2597706</b> <b>4233686</b> <b>4234069</b>	<b>MSP stor card 256 KB</b> <b>MSP Data Flow card</b> <b>MSP Control card</b> <b>CSP Channel card</b>	Main storage write parity check. A1T2 is a 256Kb storage card.
<b>108A</b>	<b>A-A1S2</b> <b>A-A1Q2</b> <b>A-A1P2</b> <b>A-A1L2</b>	<b>50</b> <b>48</b> <b>1</b> <b>1</b>	<b>2597704</b> <b>2597706</b> <b>4233686</b> <b>4234069</b>	<b>MSP stor card 256 KB</b> <b>MSP Data Flow card</b> <b>MSP Control card</b> <b>CSP Channel card</b>	Main storage write parity check. A1S2 is a 256Kb storage card.
<b>108C</b>	<b>A-A1Q2</b> <b>A-A1R2</b> <b>A-A1P2</b> <b>A-A1L2</b>	<b>60</b> <b>38</b> <b>1</b> <b>1</b>	<b>2597706</b> <b>2597584</b> <b>4233686</b> <b>4234069</b>	<b>MSP Data Flow card</b> <b>MSP stor card 512 KB</b> <b>MSP Control card</b> <b>CSP Channel card</b>	Main storage write parity check. A-A1R2 is a 512Kb storage card.
<b>1091</b>	<b>A-A1E2/</b> <b>A-A2E2/</b> <b>A-A2J2</b>  <b>A-A1L2</b> <b>Channel</b> <b>cables</b>	<b>75</b>    <b>20</b> <b>5</b>	<b>2462228</b>  <b>4237136</b> <b>2597763</b> <b>2597727</b> <b>4234069</b>	<b>Data stor adapter 1 cd</b>  <b>Data stor ctrl card</b> <b>Data stor ctrl card</b> <b>DS Pass-Thru card</b> <b>CSP Channel card</b>	DBI parity check during a cycle steal from the disk or diskette.
<b>1092</b>	<b>A-A3S2/</b>  <b>A-A3P2</b>  <b>A-A1L2</b> <b>Channel</b> <b>cables</b>	<b>75</b>    <b>20</b> <b>5</b>	<b>4177036</b> <b>4177037</b> <b>4237136</b> <b>2597763</b> <b>4237136</b> <b>2597763</b> <b>4234069</b>	<b>Controller card 16 KW</b> <b>Controller card 32 KW</b> <b>Ctrlr cd 64KW stage 2</b> <b>Ctrlr cd 64KW stage 2</b> <b>ELCA control card</b> <b>ELCA control card</b> <b>CSP Channel card</b>	DBI parity check during a cycle steal from the Communications controller.
<b>1093</b>	<b>A-A1N2</b>  <b>A-A1L2</b>	<b>75</b>  <b>25</b>	<b>8248087</b> <b>4234097</b> <b>4234069</b>	<b>CSP stor card 32 KW</b> <b>CSP stor card 32 kw Ec</b> <b>CSP Channel card</b>	DBI parity check during a cycle steal from the work station controller.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1094	A-A1H2	25	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Not valid device address during a cycle steal.	
	A-A1E2/ A-A2E2/ A-A2J2	25	2462228	Data stor adapter 1 cd		
			4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card		
	A-A3S2/	25	4177036 4177037 4237136	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2		
			2597763	Ctrlr cd 64KW stage 2		
	A-A3P2		4237136 2597763	ELCA control card ELCA control card		
	A-A1L2	25	4234069	CSP Channel card		
1095	A-A1E2/ A-A2E2/ A-A2J2	20	2462228	Data stor adapter 1 cd		Wrong response to a sense interrupt level status byte (SISLB) command on IL4.
			4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card		
	A-A1H2	20	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW		
	A-A2S2	20	4177002	Print adapter cd 3262		
	A-A2T2	20	4177009	Print State Seq card		
	A-A2K2	20	2462228	Data Stor Adapter 2 cd		
1096	A-A1E2/ A-A2E2/ A-A2J2	33	2462228	Data stor adapter 1 cd	Not a valid main storage address and sys bus P check during a cycle steal to the DSA.	
			4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card		
	A-A1M2	33	4234080	CSP Data Flow card		
	A-A1L2	33	4234069	CSP Channel card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
10A1	A-A3S2/  A-A3P2  A-A1M2 A-A1L2	80   10 10	4177036 4177037 4237136 2597763 4237136 2597763 4234080 4234069	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card CSP Data Flow card CSP Channel card	Not a valid main storage Address during a cycle steal from/to the communications controller.
10A2	A-A1E2/ A-A2E2/ A-A2J2  A-A1M2 A-A1L2	80   10 10	2462228  4237136 2597763 2597727 4234080 4234069	Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card CSP Data Flow card CSP Channel card	Not a valid main storage Address during a cycle steal from/to the file.
10A3	A-A1H2  A-A1M2 A-A1L2	80  10 10	4177036 4177038 4237136 2597763 4234080 4234069	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW CSP Data Flow card CSP Channel card	Not a valid main storage address during a cycle steal from/to the work station.
10A4	A-A1E2/ A-A2E2/ A-A2J2  A-A1M2 A-A1L2	33   33 33	2462228  4237136 2597763 2597727 4234080 4234069	Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card CSP Data Flow card CSP Channel card	Cycle steal timeout during a cycle steal to/from the disk or diskette.
10A5	A-A3S2/  A-A3P2  A-A1M2 A-A1L2	33   33 33	4177036 4177037 4237136 2597763 4237136 2597763 4234080 4234069	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card CSP Data Flow card CSP Channel card	Cycle steal timeout during a cycle steal to/from the Communications controller.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
10A6	A-A1H2 A-A1M2 A-A1L2	80 10 10	4177036 4177038 4237136 2597763 4234080 4234069	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW CSP Data Flow card CSP Channel card	Cycle steal timeout during a cycle steal to/from the work station controller.
10d3	A-A1M2 A-A1N2 A-A1U2 A-A1Q2 A-A1L2 A-A1P2 A-A1E2/ A-A2E2/ A-A2J2	51 17 16 10 4 1 1	4234080 8248087 4234097 4233694 2597706 4234069 4233686 2462228 4237136 2597763 2597727	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec MSP stor card 128 KB MSP Data Flow card CSP Channel card MSP Control card Data stor adapter 1 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card	System bus check during a cycle steal to the disk or diskette.
10d4	A-A3S2/ A-A3P2 A-A1M2 A-A1L2	33 33 33 33	4177036 4177037 4237136 2597763 4237136 2597763 4234080 4234069	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card CSP Data Flow card CSP Channel card	Not a valid main storage address and sys bus P check during a cycle steal to the communications controller.
10d5	A-A1H2 A-A1M2 A-A1L2	33 33 33	4177036 4177038 4237136 2597763 4234080 4234069	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW CSP Data Flow card CSP Channel card	Not a valid main storage address and a sys bus P check during a CS to/from the work station controller.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
10d8	A-A3S2/  A-A1K2 A-A1L2	90  10	4177036 4177037 4237136 2597763 4177000 4234069	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 SLCA Comm card CSP Channel card	A channel check occurred during an I/O instruction to the data communications attachment (DBO P chk, DBI P chk, I/O timeout, not valid adr).
10d9	A-A3P2  A-A1L2	90  10	4237136 2597763 4234069	ELCA control card ELCA control card CSP Channel card	
10dA	A-A1E2/ A-A2E2/ A-A2J2  A-A1L2	90   10	2462228  4237136 2597763 2597727 4234069	Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card CSP Channel card	A channel check occurred during an I/O instruction to the disk or diskette (DBO P chk, DBI P chk, I/O timeout, not valid adr).
10db	A-A3S2/  A-A3P2/  A-A1K2 A-A1L2	50   50	4177036 4177037 4237136 2597763 4237136 2597763 4177000 4234069	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card SLCA Comm card CSP Channel card	Wrong response to a sense interrupt level status byte (SILSB) command on IL2.
10dC	A-A1H2  A-A1L2	90  10	4177036 4177038 4237136 2597763 4234069	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW CSP Channel card	A channel check occurred during an I/O instruction to the work station controller (DBO P chk, DBI P chk, I/O timeout, not valid adr).
10dE	A-A2T2 A-A1L2	45 45	4177009 4234069	Print State Seq card CSP Channel card	A channel check occurred during an I/O instruction to the 3262 printer (DBO P chk, DBI P chk, I/O timeout, not valid adr).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
10E1	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	X-register parity check.
10E2	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	SAR parity check.
10E3	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	Not a valid control storage address.
10E4	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	Storage time out check.
10E5	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	Storage time out check.
10E6	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	SAR parity check during
10E7	A-A1M2 A-A1Q2 A-A1N2 A-A1P2 A-A1	62 17 17 3 1	4234080 2597706 8248087 4234097 4233686	CSP Data Flow card MSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec MSP Control card	Time out check.
10E8	A-A1M2 A-A1Q2 A-A1N2	59 41 1	4234080 2597706 8248087 4234097	CSP Data Flow card MSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	Wrong ECC write parity error.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
10E9	A-A1M2 A-A1N2  MS  A-A1Q2 A-A1P2 A-A3S2/  A-A3P2	51 17  16  10 1 1   1	4234080 8248087 4234097 4234098 2597704 2597706 4233686 4177036 4177037 4237136 2597763 4237136 2597763	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec MSP stor card ,28 KB MSP stor card 256 KB MSP Data Flow card MSP Control card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card	A system bus P check during a cycle steal. MS = main storage
10EA	A-A1M2 A-A1Q2 A-A1N2	94 6 1	4234080 2597706 8248087 4234097	CSP Data Flow card MSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	MSP MSAR parity check.
10Eb	A-A1M2 A-A1Q2 A-A1N2	58 40 2	4234080 2597706 8248087 4234097	CSP Data Flow card MSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	wrong ECC wrt P check during cycle steal to main storage.
10EC	A-A1M2 A-A1N2  A-A1Q2	79 16  5	4234080 8248087 4234097 2597706	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec MSP Data Flow card	MSP MSAR parity check during cycle steal.
10F0	A-A1M2 A-A1N2  A-A1L2 MS	30 20  15 15	4234080 8248087 4234097 4234069 4234098 2597704	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec CSP Channel card MSP stor card 128 KB MSP stor card 256 KB	A CSP error occurred. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
10F1					MSP error: main storage access timeout. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
10F2	A-A1P2	80	4233686	MSP Control card	MSP error: parity checks. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
10F3	A-A1L2	10	4234069	CSP Channel card	A channel error occurred. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC. Check all DC voltages on all boards to insure proper tolerances. Ref: FLD AE100-AE300 for probe points. Ref: MIM 05-400 for tolerances. NOTE: Check for bad channel terminator card. Only one will be present at either A1B3, A2U3, A3U3 or A3U4. Terminator cd P/N 4234073
	A-A1H2	10	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A3S2/	10	4177036	Controller card 16 KW	
			4177037	Controller card 32 KW	
			4237136	Ctrlr cd 64KW stage 2	
			2597763	Ctrlr cd 64KW stage 2	
	A-A3P2		4237136	ELCA control card	
			2597763	ELCA control card	
	A-A2N2	10	8528166	adapter card 1255	
	A-A1K2	10	4177000	SLCA Comm card	
	A-A1M2	5	4234080	CSP Data Flow card	
	A-A1N2	5	8248087	CSP stor card 32 KW	
			4234097	CSP stor card 32 kw Ec	
	A-A2J2	5	4237136	Data stor ctrl card	
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
A-A1E2/ A-A2E2	5	2462228	Data stor adapter 1 cd		
A-A2T2	5	4177009	Print State Seq card		
A-A1J2	5	4177027	WS adapter card		
A-A2S2	5	4177002	Print adapter cd 3262		
Term					
10F4	A-A1N2	50	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	A control storage ECC occurred. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
10F5					Interrupt level 1 occurred for an unknown device. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
10F6	A-A1L2 A-A1K2 A-A3S2/  A-A3P2	30 30 30	4234069 4177000 4177036 4177037 4237136 2597763 4237136 2597763	CSP Channel card SLCA Comm card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card	Interrupt level 2 occurred for an unknown device. Could be any card on the channel bus causing the problem. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
10F7					Interrupt level 3 occurred for an unknown device. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
10F8					Interrupt level 4 occurred for an unknown device. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
10FF	A-A1L2 A-A1M2 A-A1N2  A-A1P2 A-A1Q2 A-A1R2 A-A1S2 A-A1T2 A-A1U2 A-A1Z2	10 10 10  10 10 10 10 10 10 10	4234069 4234080 8248087 4234097 4233686 2597706 4233694 4233694 4233694 4233694	CSP Channel card CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec MSP Control card MSP Data Flow card MSP stor card 128 KB MSP stor card 128 KB MSP stor card 128 KB MSP stor card 128 KB	See MAP 0301 for more information on this system reference code. Check all DC voltages on all boards to insure proper tolerance Ref: FLD AE100-AE300 for probe points. Ref: MIM 05-400 for tolerances.
1111					This is the hardware default code and indicates that no hardware error condition was evaluated. RE-IPL to obtain a refined SRC. If system completes IPL, look in ERAP for SRCs at the time of the RE-IPL.
1200	A-A1U2	99	2597584	MSP stor card 512 KB	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1201	A-A1T2 A-A1Q2	94 4	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1202	A-A1S2 A-A1Q2	94 4	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1203	A-A1R2 A-A1Q2	95 4	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0301A.
1204	A-A1U2	99	4233694	MSP stor card 128 KB	A1U2 is a 128Kb storage card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1205	A-A1T2 A-A1Q2	95 4	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0301A.
1206	A-A1S2 A-A1Q2	94 4	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1207	A-A1R2 A-A1Q2	94 4	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1208	A-A1U2	99	2597704	MSP stor card 256 KB	A1U2 is a 256Kb storage card.
1209	A-A1T2 A-A1Q2	95 4	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0301A.
120A	A-A1S2 A-A1Q2	95 4	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0301A.
120C	A-A1R2 A-A1Q2	94 4	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
120d	A-A1Q2 A-A1P2	96 3	2597706 4233686	MSP Data Flow card MSP Control card	REIPL, if no failure replace FRU(s), if failure go to 0310A.
120E	A-A1Q2 A-A1P2	97 2	2597706 4233686	MSP Data Flow card MSP Control card	REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1210	A-A1Q2 A-A1U2 A-A1P2	87 11 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1211	A-A1Q2 A-A1T2 A-A1P2	87 11 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1212	A-A1Q2 A-A1S2 A-A1P2	87 11 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1213	A-A1Q2 A-A1R2 A-A1P2	74 24 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1214	A-A1Q2 A-A1U2 A-A1P2	60 35 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1215	A-A1Q2 A-A1T2 A-A1P2	60 35 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1216	A-A1Q2 A-A1S2 A-A1P2	60 35 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1217	A-A1Q2 A-A1R2 A-A1P2	60 35 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1218	A-A1Q2 A-A1U2 A-A1P2 A-A1T2	74 24 1 1	2597706 2597704 4233686 4233694	MSP Data Flow card MSP stor card 256 KB MSP Control card MSP stor card 128 KB	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1219	A-A1Q2 A-A1T2 A-A1P2	74 24 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
121A	A-A1Q2 A-A1S2 A-A1P2	74 24 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
121C	A-A1Q2 A-A1R2 A-A1P2	87 11 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
121d	A-A1P2 A-A1Q2	98 1	4233686 2597706	MSP Control card MSP Data Flow card	REIPL, if no failure replace FRU(s), if failure go to 0310A.
121E	A-A1P2 A-A1Q2	98 1	4233686 2597706	MSP Control card MSP Data Flow card	REIPL, if no failure replace FRU(s), if failure go to 0310A.
1220	A-A1Q2 A-A1U2 A-A1P2	86 12 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1221	A-A1Q2 A-A1T2 A-A1P2	86 12 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1222	A-A1Q2 A-A1S2 A-A1P2	86 12 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1223	A-A1Q2 A-A1R2 A-A1P2	72 26 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1224	A-A1Q2 A-A1U2 A-A1P2	60 38 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1225	A-A1Q2 A-A1T2 A-A1P2	60 38 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1226	A-A1Q2 A-A1S2 A-A1P2	60 38 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1227	A-A1Q2 A-A1R2 A-A1P2	60 38 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1228	A-A1Q2 A-A1U2 A-A1P2	72 26 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1229	A-A1Q2 A-A1T2 A-A1P2	72 26 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
122A	A-A1Q2 A-A1S2 A-A1P2	72 26 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
122C	A-A1Q2 A-A1R2 A-A1P2	86 12 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
122d	A-A1Q2	99	2597706	MSP Data Flow card	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
122E	A-A1Q2	99	2597706	MSP Data Flow card	
1230	A-A1Q2 A-A1U2 A-A1P2	88 9 3	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1231	A-A1Q2 A-A1T2 A-A1P2	88 9 2	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1232	A-A1Q2 A-A1S2 A-A1P2	88 9 2	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1233	A-A1Q2 A-A1R2 A-A1P2	78 19 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1234	A-A1Q2 A-A1U2 A-A1P2	70 25 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1235	A-A1Q2 A-A1T2 A-A1P2	70 25 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1236	A-A1Q2 A-A1S2 A-A1P2	70 25 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1237	A-A1Q2 A-A1R2 A-A1P2	70 25 5	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1238	A-A1Q2 A-A1U2 A-A1P2	78 19 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1239	A-A1Q2 A-A1T2 A-A1P2	78 19 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
123A	A-A1Q2 A-A1S2 A-A1P2	78 19 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
123C	A-A1Q2 A-A1R2 A-A1P2	88 9 2	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
123d	A-A1P2 A-A1Q2	98 1	4233686 2597706	MSP Control card MSP Data Flow card	REIPL, if no failure replace FRU(s), if failure go to 0310A.
123E	A-A1P2 A-A1Q2	97 2	4233686 2597706	MSP Control card MSP Data Flow card	REIPL, if no failure replace FRU(s), if failure go to 0310A.
1240	A-A1Q2 A-A1U2 A-A1P2	74 25 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1241	A-A1Q2 A-A1T2 A-A1P2	74 25 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1242	A-A1Q2 A-A1S2 A-A1P2	74 25 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1243	A-A1Q2 A-A1R2 A-A1P2	53 45 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1244	A-A1Q2 A-A1U2 A-A1P2	50 48 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1245	A-A1Q2 A-A1T2 A-A1P2	50 48 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1246	A-A1Q2 A-A1S2 A-A1P2	50 48 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1247	A-A1Q2 A-A1R2 A-A1P2	50 48 2	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1248	A-A1Q2 A-A1U2 A-A1P2	53 45 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1249	A-A1Q2 A-A1T2 A-A1P2	53 45 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>124A</b>	<b>A-A1Q2</b> <b>A-A1S2</b> <b>A-A1P2</b>	<b>53</b> <b>45</b> <b>1</b>	<b>2597706</b> <b>2597704</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 256 KB</b> <b>MSP Control card</b>	<b>A1S2 is a 256Kb storage card.</b> <b>REIPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0310A.</b>
<b>124C</b>	<b>A-A1Q2</b> <b>A-A1R2</b> <b>A-A1P2</b>	<b>74</b> <b>25</b> <b>1</b>	<b>2597706</b> <b>2597584</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 512 KB</b> <b>MSP Control card</b>	<b>RelPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0301A.</b>
<b>124d</b>	<b>A-A1P2</b>	<b>99</b>	<b>4233686</b>	<b>MSP Control card</b>	
<b>124E</b>	<b>A-A1P2</b>	<b>99</b>	<b>4233686</b>	<b>MSP Control card</b>	
<b>1250</b>	<b>A-A1Q2</b> <b>A-A1U2</b> <b>A-A1P2</b>	<b>68</b> <b>30</b> <b>1</b>	<b>2597706</b> <b>2597584</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 512 KB</b> <b>MSP Control card</b>	<b>RelPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0301A.</b>
<b>1251</b>	<b>A-A1Q2</b> <b>A-A1T2</b> <b>A-A1P2</b>	<b>68</b> <b>30</b> <b>1</b>	<b>2597706</b> <b>2597584</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 512 KB</b> <b>MSP Control card</b>	<b>RelPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0301A.</b>
<b>1252</b>	<b>A-A1Q2</b> <b>A-A1S2</b> <b>A-A1P2</b>	<b>68</b> <b>30</b> <b>1</b>	<b>2597706</b> <b>2597584</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 512 KB</b> <b>MSP Control card</b>	<b>RelPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0301A.</b>
<b>1253</b>	<b>A-A1R2</b> <b>A-A1Q2</b> <b>A-A1P2</b>	<b>50</b> <b>48</b> <b>1</b>	<b>2597704</b> <b>2597706</b> <b>4233686</b>	<b>MSP stor card 256 KB</b> <b>MSP Data Flow card</b> <b>MSP Control card</b>	<b>A1R2 is a 256Kb storage card.</b> <b>REIPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0310A.</b>
<b>1254</b>	<b>A-A1Q2</b> <b>A-A1U2</b> <b>A-A1P2</b>	<b>48</b> <b>46</b> <b>4</b>	<b>2597706</b> <b>4233694</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 128 KB</b> <b>MSP Control card</b>	<b>A1U2 is a 128Kb storage card.</b> <b>REIPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0310A.</b>
<b>1255</b>	<b>A-A1Q2</b> <b>A-A1T2</b> <b>A-A1P2</b>	<b>48</b> <b>46</b> <b>4</b>	<b>2597706</b> <b>4233694</b> <b>4233686</b>	<b>MSP Data Flow card</b> <b>MSP stor card 128 KB</b> <b>MSP Control card</b>	<b>A1T2 is a 128Kb storage card.</b> <b>REIPL, if no failure</b> <b>replace FRU(s), if</b> <b>failure go to 0310A.</b>

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1256	A-A1Q2 A-A1S2 A-A1P2	48 46 4	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1257	A-A1Q2 A-A1R2 A-A1P2	48 46 4	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1258	A-A1U2 A-A1Q2 A-A1P2	50 48 1	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1259	A-A1T2 A-A1Q2 A-A1P2	50 48 1	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
125A	A-A1S2 A-A1Q2 A-A1P2	50 48 1	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
125C	A-A1Q2 A-A1R2 A-A1P2	68 30 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
125E	A-A1P2	99	4233686	MSP Control card	
1260	A-A1Q2 A-A1P2 A-A1U2	80 10 9	2597706 4233686 2597584	MSP Data Flow card MSP Control card MSP stor card 512 KB	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1261	A-A1Q2 A-A1P2 A-A1T2	80 10 9	2597706 4233686 2597584	MSP Data Flow card MSP Control card MSP stor card 512 KB	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1262	A-A1Q2 A-A1P2 A-A1S2	80 10 9	2597706 4233686 2597584	MSP Data Flow card MSP Control card MSP stor card 512 KB	ReIPL, if no failure replace FRU(s), if failure go to 0301A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1263	A-A1Q2 A-A1R2 A-A1P2	59 36 4	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1264	A-A1Q2 A-A1U2 A-A1P2	53 43 4	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1265	A-A1Q2 A-A1T2 A-A1P2	53 43 4	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1266	A-A1Q2 A-A1S2 A-A1P2	53 43 4	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1267	A-A1Q2 A-A1R2 A-A1P2	53 43 4	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
1268	A-A1Q2 A-A1U2 A-A1P2	76 13 10	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1269	A-A1Q2 A-A1T2 A-A1P2	76 13 10	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
126A	A-A1Q2 A-A1S2 A-A1P2	59 36 4	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
126C	A-A1Q2 A-A1P2 A-A1R2	80 10 9	2597706 4233686 2597584	MSP Data Flow card MSP Control card MSP stor card 512 KB	RelPL, if no failure replace FRU(s), if failure go to 0301A.
126E	A-A1P2	99	4233686	MSP Control card	
1270	A-A1U2 A-A1Q2 A-A1P2	66 19 14	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1271	A-A1T2 A-A1Q2 A-A1P2	66 19 14	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1272	A-A1S2 A-A1Q2 A-A1P2	66 19 14	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1273	A-A1R2 A-A1Q2 A-A1P2	86 8 5	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1R2 is a 256Kb storage card. RelPL, if no failure replace FRU(s), if failure go to 0310A.
1274	A-A1U2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is a 128Kb storage card. RelPL, if no failure replace FRU(s), if failure go to 0310A.
1275	A-A1T2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1T2 is a 128Kb storage card. RelPL, if no failure replace FRU(s), if failure go to 0310A.
1276	A-A1S2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1277	A-A1R2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>1278</b>	<b>A-A1U2 A-A1Q2 A-A1P2</b>	<b>86 8 5</b>	<b>2597704 2597706 4233686</b>	<b>MSP stor card 256 KB MSP Data Flow card MSP Control card</b>	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
<b>1279</b>	<b>A-A1T2 A-A1Q2 A-A1P2</b>	<b>86 8 5</b>	<b>2597704 2597706 4233686</b>	<b>MSP stor card 256 KB MSP Data Flow card MSP Control card</b>	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
<b>127A</b>	<b>A-A1S2 A-A1Q2 A-A1P2</b>	<b>86 8 5</b>	<b>2597704 2597706 4233686</b>	<b>MSP stor card 256 KB MSP Data Flow card MSP Control card</b>	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
<b>127C</b>	<b>A-A1R2 A-A1Q2 A-A1P2</b>	<b>66 19 14</b>	<b>2597584 2597706 4233686</b>	<b>MSP stor card 512 KB MSP Data Flow card MSP Control card</b>	RelPL, if no failure replace FRU(s), if failure go to 0301A.
<b>127d</b>	<b>A-A1Q2 A-A1P2</b>	<b>92 7</b>	<b>2597706 4233686</b>	<b>MSP Data Flow card MSP Control card</b>	REIPL, if no failure replace FRU(s), if failure go to 0310A.
<b>1280</b>	<b>A-A1U2 A-A1Q2</b>	<b>98 1</b>	<b>2597584 2597706</b>	<b>MSP stor card 512 KB MSP Data Flow card</b>	RelPL, if no failure replace FRU(s), if failure go to 0301A.
<b>1281</b>	<b>A-A1T2 A-A1Q2</b>	<b>98 1</b>	<b>2597584 2597706</b>	<b>MSP stor card 512 KB MSP Data Flow card</b>	RelPL, if no failure replace FRU(s), if failure go to 0301A.
<b>1282</b>	<b>A-A1S2 A-A1Q2</b>	<b>98 1</b>	<b>2597584 2597706</b>	<b>MSP stor card 512 KB MSP Data Flow card</b>	RelPL, if no failure replace FRU(s), if failure go to 0301A.
<b>1283</b>	<b>A-A1R2 A-A1Q2</b>	<b>98 1</b>	<b>2597704 2597706</b>	<b>MSP stor card 256 KB MSP Data Flow card</b>	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1284	A-A1U2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1285	A-A1T2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1286	A-A1S2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1287	A-A1R2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
1288	A-A1U2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
1289	A-A1T2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
128A	A-A1S2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
128C	A-A1R2 A-A1Q2	98 1	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
12d0	A-A1Q2 A-A1U2 A-A1P2	51 47 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
12d1	A-A1Q2 A-A1T2 A-A1P2	51 47 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A
12d2	A-A1Q2 A-A1S2 A-A1P2	51 47 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
12d3	A-A1Q2 A-A1R2 A-A1P2	51 47 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12d4	A-A1Q2 A-A1U2 A-A1P2	51 47 1	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1U2 is 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12d5	A-A1Q2 A-A1T2 A-A1P2	51 47 1	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	A1T2 is 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12d6	A-A1Q2 A-A1S2 A-A1P2	51 47 1	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
12d7	A-A1Q2 A-A1R2 A-A1P2	51 47 1	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	ReIPL, if no failure replace FRU(s), if failure go to 0301A.
12d8	A-A1Q2 A-A1U2 A-A1P2	51 47 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1U2 is 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
12d9	A-A1Q2 A-A1T2 A-A1P2	51 47 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1T2 is 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12dA	A-A1Q2 A-A1S2 A-A1P2	51 47 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12dC	A-A1Q2 A-A1R2 A-A1P2	51 47 1	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12E0	A-A1U2 A-A1Q2 A-A1P2	63 19 17	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12E1	A-A1T2 A-A1Q2 A-A1P2	63 19 17	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12E2	A-A1S2 A-A1Q2 A-A1P2	63 19 17	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12E3	A-A1R2 A-A1Q2 A-A1P2	84 8 7	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12E4	A-A1U2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
12E5	A-A1U2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12E6	A-A1S2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12E7	A-A1R2 A-A1Q2 A-A1P2	70 20 10	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12E7	A-A1R2 A-A1Q2 A-A1P2	88 6 5	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	REIPL, if no failure replace FRU(s), if failure go to 0310A.
12E8	A-A1U2 A-A1Q2 A-A1P2	84 8 7	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12E9	A-A1T2 A-A1Q2 A-A1P2	84 8 7	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12EA	A-A1S2 A-A1Q2 A-A1P2	84 8 7	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12EC	A-A1R2 A-A1Q2 A-A1P2	63 19 17	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12F0	A-A1U2 A-A1Q2	97 2	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
12F1	A-A1T2 A-A1Q2	97 2	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12F2	A-A1S2 A-A1Q2	97 2	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12F3	A-A1R2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1R2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12F4	A-A1U2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1U2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12F5	A-A1T2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1T2 is a 128Kb storage card. REIPL, if no failure replace FRU(s), if
12F6	A-A1S2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12F7	A-A1R2 A-A1Q2	98 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	RelPL, if no failure replace FRU(s), if failure go to 0301A.
12F8	A-A1U2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1U2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
12F9	A-A1T2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1T2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12FA	A-A1S2 A-A1Q2	98 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	A1S2 is a 256Kb storage card. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12FC	A-A1R2 A-A1Q2	97 2	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	eIPL, if no failure replace FRU(s), if failure go to 0301A.
12FE	A-A1P2 A-A1Q2 MS	38 38 20	4233686 2597706 4233694 2597704 2597584	MSP Control card MSP Data Flow card MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB	MSP/MS error occurred, but could not be logged. REIPL, if no failure replace FRU(s), if failure go to 0310A.
12FF	A-A1P2 A-A1Q2 MS	38 38 20	4233686 2597706 4233694 2597704 2597584	MSP Control card MSP Data Flow card MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB	Unexpected error. Use MAP 0312 to interpret the MSP check. R2, S2 or T2 may not be present depending on main store size. * = REIPL, if no failure replace FRU(s), if failure go to 0312A.
1301					Data storage controller not valid JL4 condition.
135b	A-A2J2 A-A2K2	70 30	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	Data storage controller not valid device assigned (ID).
135d	A-A2J2 A-A2K2	70 30	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	Data storage controller not valid CS address.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
135E	A-A2J2 A-A2K2 A-A2L2	90 3 3	4237136 2597763 2462228 2597725	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd Tape adapter card	Data storage controller 2 second timeout.
135F	A-A2J2 A-A2K2	70 20	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	Data storage controller wild branch.
13F0	A-A2J2 A-A2K2	90 10	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	Data storage controller LSR parity check.
13F3	A-A2J2 A-A2K2	80 20	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	Data storage controller DBI/DBO parity check.
13F4	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Data storage controller store parity check.
13F5	A-A2J2 A-A2K2 A-A2E2	80 5 5	4237136 2597763 2462228 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd Data stor adapter 1 cd	Data storage controller device timeout. Data storage controller channel.
13F6	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Data storage controller is in a hung state to the CPU channel.
1503	A-A2P2 A-A2N2 Int/ext Cables A-A2	70 25 1 1	4238420 8528166	Controller card 1255 adapter card 1255	DBI/DBO parity check (sense byte 0, bit 3).
1505	A-A2L4 A-A2M4 A-A2P2 A-A2N2 Int/ext Cables A-A2	30 30 10 10 1 1	4238422 4238422 4238420 8528166	stor card 1255 stor card 1255 Controller card 1255 adapter card 1255	Memory parity check (sense byte 0, bit 5).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1506	A-A2P2	90	4238420	Controller card 1255	Long time-out check (sense byte 0, bit 6).
1507	1255 A-A2P2 A-A2N2 A-A2Q2 Int/ext Cables A-A2	70 15 10 3 1 1	4238420 8528166 8528167	Controller card 1255 adapter card 1255 Driver/Rec card 1255	Sorter stopped (sense byte 0, bit 7).
15FF	1255 A-A2 Int/ext Cables	90 1 1			Run 1255 I/O Exerciser. See 1255 MIM.
1600	A-A1N2 A-A3S2  X-OVER	45 45  1	2597716 4177036 4177037 4237136 2597763	CSP Stage 2 Controller card 16 KW/ Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Error during cycle steal to communications controller.
1601	A-A1N2 A-A1K2/ A-A3S2  X-OVER	45 45  1	2597716 4177000 4177036 4177037 4237136 2597763	CSP Stage 2 SLCA Comm card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	I/O time out, P check or address not valid during data communications.
1602	A-A1N2 A-A3P2  X-OVER	45 45  1	2597716 4237136 2597763	CSP Stage 2 ELCA control card ELCA control card	I/O time out, P check or address not valid during data communications.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1605	A-A1N2 A-A1E2/ A-A2E2/ A-A2J2  X-OVER	45 45   1	2597716 2462228  4237136 2597763 2597727	CSP Stage 2 Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card	Error during cycle steal to/from DSA or controller. Error during I/O instruction.
1606	A-A1N2 A-A3P2  X-OVER	45 45  1	2597716 4237136 2597763	CSP Stage 2 ELCA control card ELCA control card	Error during cycle steal to communications controller.
1607	A-A1N2  A-A3S2  X-OVER	45  45  1	8248087 4234097 4237136 2597763	CSP stor card 32 KW CSP stor card 32 kw Ec Ctrlr cd 64KW Ctrlr cd 64KW	Error during cycle steal or I/O instruction to/from 2nd work station controller.
160A	A-A1N2 A-A1H2/   A-A1J2 X-OVER	45 45   1	2597716 4177036 4177038 4237136 2597763 4177027	CSP Stage 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	Error during cycle steal with work station controller or error during I/O instruction.
160F					See MAP 0301 for more information on this system reference code.
1611					See MAP 0301 for more information on this system reference code.
1616					See MAP 0301 for more information on this system reference code.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
161C	A-A1N2	30	2597716	CSP Stage 2	Error during cycle steal between MSP and communications controller.
	A-A1Q2	30	2597706	MSP Data Flow card	
	A-A3S2	30	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	
	X-OVER	1			
161E	A-A1N2	30	2597716	CSP Stage 2	Error during cycle steal between MSP and DSA or controller.
	A-A1Q2	30	2597706	MSP Data Flow card	
	A-A1E2/ A-A2E2/ A-A2J2	30	2462228  4237136 2597763 2597727	Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card	
	X-OVER	1			
1620	A-A1N2	30	2597716	CSP Stage 2	Error during cycle steal between MSP and work station controller.
	A-A1Q2	30	2597706	MSP Data Flow card	
	A-A1H2	30	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	
	X-OVER	1			
1622	A-A1N2	30	2597716	CSP Stage 2	Error during cycle steal between MSP and comm controller.
	A-A1Q2	30	2597706	MSP Data Flow card	
	A-A3P2	30	4237136 2597763	ELCA control card ELCA control card	
	X-OVER	1			
1623	A-A1N2	30	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	Error during cycle steal between MSP and 2nd work station controller.
	A-A1Q2	30	2597706	MSP Data Flow card	
	A-A3S2	30	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	
	X-OVER	1			
1625					See MAP 0301 for more information on this system reference code.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
162A					See MAP 0301 for more information on this system reference code.
162F					See MAP 0301 for more information on this system reference code.
1630	A-A1N2 A-A1Q2 MS	33 33 33	2597716 2597706 4233694 2597704 2597584	CSP Stage 2 MSP Data Flow card MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB	3 second time out during cycle steal.
1635	A-A1N2 A-A1M2	90 5	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	Storage check or LSR check.
163A	A-A1N2 A-A2N2 X-OVER	45 45 1	2597716 8528166	CSP Stage 2 adapter card 1255	Error during I/O instruction to 1255/MCR.
163F	A-A1N2 A-A2S2/ A-A2T2/ A-A2R2 X-OVER	45 45  1	2597716 4177002	CSP Stage 2 Print adapter cd 3262	Error during I/O instruction to 3262 printer.
1640	A-A1N2 A-A1K2 X-OVER	48 48 1	2597716 4177000	CSP Stage 2 SLCA Comm card	DBO P check during I/O instruction to SLCA.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1645	A-A1N2 A-A2N2 A-A1H2  A-A1E2/ A-A2E2/ A-A2J2  A-A2S2/ A-A2R2 A-A2S2 X-OVER	15 15 15  15  15 15 1	2597716 8528166 4177036 4177038 4237136 2597763 2462228  4237136 2597763 2597727 4177002	CSP Stage 2 adapter card 1255 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card Print adapter cd 3262	Error during SILSB on interrupt level 4.
164A	A-A1N2 A-A1K2/ A-A3S2/  A-A3P2  X-OVER	45 45   1	2597716 4177000 4177036 4177037 4237136 2597763 4237136 2597763	CSP Stage 2 SLCA Comm card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card	Error during SILSB on interrupt level 2.
164F	A-A1N2 A-A1K2/ A-A2N2 X-OVER	30 30 30 1	2597716 4177000 8528166	CSP Stage 2 SLCA Comm card adapter card 1255	DPO P check during SILSB.
1650	A-A1N2 A-A1Q2 A-A1M2	75 10 10	2597716 2597706 2597736	CSP Stage 2 MSP Data Flow card CSP Panel Ctrl Cd Stg 2	3 or 4 second time out.
1670	A-A1N2  A-A1Q2 A-A1U2 A-A1P2 A-A1	80  12 6 1 1	8248087 4234097 2597706 2597584 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec MSP Data Flow card MSP stor card 512 KB MSP Control card	The data written to storage had bad parity. A-A1U2 is a 512Kb storage card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1671	A-A1N2	81	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	The data written to storage had bad parity. A-A1T2 is a 512Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1T2	6	2597584	MSP stor card 512 KB	
	A-A1P2	1	4233686	MSP Control card	
1672	A-A1N2	81	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	The data written to storage had bad parity. A-A1R2 is a 512Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1S2	6	2597584	MSP stor card 512 KB	
	A-A1P2	1	4233686	MSP Control card	
1673	A-A1N2	76	2597716	CSP Stage 2	The data written in to storage had bad parity. A1R2 is a 256Kb storage card.
	A-A1Q2	12	2597706	MSP Data Flow card	
	A-A1R2	10	2597704	MSP stor card 256 KB	
	A-A1P2	1	4233686	MSP Control card	
1674	A-A1N2	47	2597716	CSP Stage 2	The data written to stg had bad parity. A1U2 is a 128Kb storage card.
	A-A1U2	43	4233694	MSP stor card 128 KB	
	A-A1Q2	6	2597706	MSP Data Flow card	
	A-A1P2	3	4233686	MSP Control card	
	A-A1	1			
1675	A-A1N2	47	2597716	CSP Stage 2	Main stg write parity check. A1T2 is a 128Kb storage card.
	A-A1T2	43	4233694	MSP stor card 128 KB	
	A-A1Q2	6	2597706	MSP Data Flow card	
	A-A1P2	4	4233686	MSP Control card	
1676	A-A1N2	47	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	The data written to storage had bad parity. A-A1S2 is a 128Kb storage card.
	A-A1Q2	43	2597706	MSP Data Flow card	
	A-A1S2	6	4233694	MSP stor card 128 KB	
	A-A1P2	3	4233686	MSP Control card	
	A-A1	1			
1677	A-A1N2	47	8248087 4234097	CSP stor card 32 KW CSP stor card 32 kw Ec	The data written to storage had bad parity. A-A1R2 is a 128Kb storage card.
	A-A1Q2	43	2597706	MSP Data Flow card	
	A-A1R2	6	4233694	MSP stor card 128 KB	
	A-A1P2	4	4233686	MSP Control card	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1678	A-A1N2 A-A1Q2 A-A1U2 A-A1P2 A-A1	75 12 10 1 1	2597716 2597706 2597704 4233686	CSP Stage 2 MSP Data Flow card MSP stor card 256 KB MSP Control card	The data written to stg had bad parity. A1U2 is a 256Kb storage card.
1679	A-A1N2 A-A1Q2 A-A1T2 A-A1P2	76 12 10 1	2597716 2597706 2597704 4233686	CSP Stage 2 MSP Data Flow card MSP stor card 256 KB MSP Control card	Main stg write parity chk. A1T2 is a 256Kb storage card.
167A	A-A1N2 A-A1Q2 A-A1S2 A-A1P2	76 12 10 1	2597716 2597706 2597704 4233686	CSP Stage 2 MSP Data Flow card MSP stor card 256 KB MSP Control card	The data written in to storage had bad parity. A1S2 is a 256Kb storage card.
167C	A-A1N2 A-A1Q2 A-A1R2 A-A1P2	81 12 6 1	8248087 4234097 2597706 2597584 4233686	CSP stor card 32 KW CSP stor card 32 kw Ec MSP Data Flow card MSP stor card 512 KB MSP Control card	The data written to storage had bad parity. A-A1R2 is a 512Kb storage card.
1680	A-A1Q2 A-A1U2 A-A1P2 A-A1N2	60 38 1 1	2597706 2597584 4233686 8248087 4234097	MSP Data Flow card MSP stor card 512 KB MSP Control card CSP stor card 32 KW CSP stor card 32 kw Ec	Main storage write parity check. A-A1U2 is a 512Kb storage card.
1681	A-A1Q2 A-A1T2 A-A1P2 A-A1N2	60 38 1 1	2597706 2597584 4233686 8248087 4234097	MSP Data Flow card MSP stor card 512 KB MSP Control card CSP stor card 32 KW CSP stor card 32 kw Ec	Main storage write parity check. A-A1T2 is a 512Kb storage card.
1682	A-A1Q2 A-A1S2 A-A1P2 A-A1N2	60 38 1 1	2597706 2597584 4233686 8248087 4234097	MSP Data Flow card MSP stor card 512 KB MSP Control card CSP stor card 32 KW CSP stor card 32 kw Ec	Main storage write parity check. A-A1S2 is a 512Kb storage card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1683	A-A1R2 A-A1Q2 A-A1P2 A-A1N2	50 48 1 1	2597704 2597706 4233686 2597716	MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Stage 2	Main stg write parity check. A1R2 is a 256Kb storage card.
1684	A-A1U2 A-A1Q2 A-A1P2 A-A1N2	87 11 1 1	4233694 2597706 4233686 2597716	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP Stage 2	Main stg write parity check. A1U2 is a 128Kb storage card.
1685	A-A1T2 A-A1Q2 A-A1P2 A-A1N2	87 11 1 1	4233694 2597706 4233686 2597716	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP Stage 2	Main stg write parity check. A1T2 is a 128Kb storage card.
1686	A-A1S2 A-A1Q2 A-A1P2 A-A1N2	87 11 1 1	4233694 2597706 4233686 8248087 4234097	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP stor card 32 KW CSP stor card 32 kw Ec	Main storage write parity check. A-A1S2 is a 128Kb storage card.
1687	A-A1R2 A-A1Q2 A-A1P2 A-A1N2	87 11 1 1	4233694 2597706 4233686 8248087 4234097	MSP stor card 128 KB MSP Data Flow card MSP Control card CSP stor card 32 KW CSP stor card 32 kw Ec	Main storage write parity check. A-A1R2 is a 128Kb storage card.
1688	A-A1U2 A-A1Q2 A-A1P2 A-A1N2	50 48 1 1	2597704 2597706 4233686 2597716	MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Stage 2	Main stg write parity check. A1U2 is a 256Kb storage card.
1689	A-A1T2 A-A1Q2 A-A1P2 A-A1N2	50 48 1 1	2597704 2597706 4233686 2597716	MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Stage 2	Main stg write parity check. A1T2 is a 256Kb storage card.
168A	A-A1S2 A-A1Q2 A-A1P2 A-A1N2	50 48 1 1	2597704 2597706 4233686 2597716	MSP stor card 256 KB MSP Data Flow card MSP Control card CSP Stage 2	Main stg write parity check. A1S2 is a 256Kb storage card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
168C	A-A1Q2 A-A1R2 A-A1P2 A-A1N2	60 38 1 1	2597706 2597584 4233686 8248087 4234097	MSP Data Flow card MSP stor card 512 KB MSP Control card CSP stor card 32 KW CSP stor card 32 kw Ec	Main storage write parity check. A-A1R2 is a 512Kb storage card.
16E8	A-A1N2 A-A1Q2	59 41	2597716 2597706	CSP Stage 2 MSP Data Flow card	Wrong MSP error.
16EA	A-A1N2 A-A1Q2	94 6	2597716 2597706	CSP Stage 2 MSP Data Flow card	MSP MSAR Parity Check
16Eb	A-A1N2 A-A1Q2	60 40	2597716 2597706	CSP Stage 2 MSP Data Flow card	Wrong MSP error during cycle steal.
16EC	A-A1N2 A-A1Q2	60 40	2597716 2597706	CSP Stage 2 MSP Data Flow card	MSP MSAR Parity Check during cycle steal.
16F0	A-A1N2 A-A1M2	90 5	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	A CSP error occurred. REIPL the system then look up the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
16F1	MS A-A1Q2	75 20	4234098 2597704 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card	MSP error: main storage access timeout. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
16F2	A-A1P2 A-A1Q2 MS A-A1N2	50 30 15 2	4233686 2597706 4234098 2597704 2597716	MSP Control card MSP Data Flow card MSP stor card 128 KB MSP stor card 256 KB CSP Stage 2	MSP error: parity checks. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
16F3	A-A1N2	10	2597716	CSP Stage 2	A channel error occurred. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC. Check for bad Channel terminator card. Only one will be present at either A1B5, A2U3, A3U3 or A3U4. Terminator cd P/N 4234073.
	A-A1E2/ A-A2E2/ A-A2J2	10	2462228	Data stor adapter 1 cd	
			4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	A-A1H2	10	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1K2/ A-A3S2/	10	4177000	SLCA Comm card	
			4177036	Controller card 16 KW	
			4177037	Controller card 32 KW	
			4237136	Ctrlr cd 64KW stage 2	
		2597763	Ctrlr cd 64KW stage 2		
A-A3P2		4237136	ELCA control card		
		2597763	ELCA control card		
A-A2N2	10	8528166	adapter card 1255		
A-A2S2/ A-A2T2	10	4177002	Frint adapter cd 3262		
A-A1J2	5	4177027	WS adapter card		
	X-OVER	5			
16F4	A-A1N2	90	2597716	CSP Stage 2	A control storage ECC occurred. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
	A-A1M2	5	2597736	CSP Panel Ctrl Cd Stg 2	
16F5	A-A1N2	75	2597716	CSP Stage 2	Interrupt level 1 occurred for an unknown device. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
16F6	A-A1N2 A-A1K2/ A-A3S2/  A-A3P2	45 45	2597716 4177000 4177036 4177037 4237136 2597763 4237136 2597763	CSP Stage 2 SLCA Comm card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card	Interrupt level 2 occurred for an unknown device. Could be any card on the channel bus causing the problem. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
16F7	A-A1N2	75	2597716	CSP Stage 2	Interrupt level 3 occurred for an unknown device. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.
16F8	A-A1N2 A-A1H2  A-A3S2  A-A1E2/ A-A2E2/ A-A2J2  A-A2N2 A-A2S2	10 10  10  10  10 10 10	2597716 4177036 4177038 4237136 2597763 4237136 2597763 2462228  4237136 2597763 2597727 8528166 4177002	CSP Stage 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Ctrlr cd 64KW Ctrlr cd 64KW Data stor adapter 1 cd  Data stor ctrl card Data stor ctrl card DS Pass-Thru card adapter card 1255 Print adapter cd 3262	Interrupt level 4 occurred for an unknown device. REIPL the system then run the new SRC in ERAP CSP error history table and use MAP 0113, 0114, 0115, and 0116 for definition of new SRC.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
16FF	A-A1N2 A-A1P2 A-A1Q2 MS  A-A1M2 A-A1Z2 X-OVER	10 10 10 10  10 10 5	2597716 4233686 2597706 4233694 2597704 2597584 2597736	CSP Stage 2 MSP Control card MSP Data Flow card MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB CSP Panel Ctrl Cd Stg 2	See MAP 0301 for more information on this system reference code.
1800					No failure detected. For communication line problems, go to MAP 3003A. For communications controller problems look up the latest communication controller ERAP entries. If SRCs other than 1800 are recorded, replace indicated FRUs. If the latest entries are 1800s, go to MAP 3091 and use the charts to isolate the FRU. If no failure can be detected and no FRU information is obtained from controller ERAP, use the FRUs listed in MAP 3009 as an intermittent FRU replacement list. Note: For communication line ERAPs (SDLC, BSC, etc) the SRC field always contains a default number 1800.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1810	A-A3S2  Channel Cables	60  25	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Controller load failure.
1811	A-A3S2  Channel Cables	90  5	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Bus coupler failed test (controller wrap test failure).
1814	A-A3S2  Channel Cables	95  2	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Controller failure (controller wrap test failure).
1815	A-A3S2  Channel Cables	95  2	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Controller storage failure (controller wrap test failure).
1816	A-A3P2  A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2/ Channel Cables	90  9  1	4237136 2597763	ELCA control card ELCA control card	Controller failure, controller wrap test failure.

CONTINUED ON  
FRAME A01  
CARD 02

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1821	A-A3R2 A-A3S2  Channel Cables	85 12	4177000 4177036 4177037 4237136 2597763	Comm card Line 1 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Line 1 - test failed on line 1 adapter (controller wrap test failure).
1822	A-A3Q2 A-A3S2	85 12	4177000 4177036 4177037 4237136 2597763	Comm card Line 2 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Line 2 - test failed on line 2 adapter (controller wrap test failure).
1823	A-A3S2  A-A3Q2 A-A3R2	49  25 25	4177036 4177037 4237136 2597763 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 2 Comm card Line 1	Test failed on lines 1 & 2 (controller wrap test failure).
1824	A-A3P2 A-A3S2	85 12	4177000 4177036 4177037 4237136 2597763	Comm card Line 3 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Line 3 - test failed on line 3 adapter (controller wrap test failure).
1825	A-A3S2  A-A3R2 A-A3P2	49  25 25	4177036 4177037 4237136 2597763 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 1 Comm card Line 3	Test failed on lines 1 & 3 (controller wrap test failure).
1826	A-A3S2  A-A3Q2 A-A3P2	49  25 25	4177036 4177037 4237136 2597763 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 2 Comm card Line 3	Test failed on lines 2 & 3 (controller wrap test failure).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1827	A-A3S2 A-A3R2 A-A3Q2 A-A3P2	49 15 15 15	4177036 4177037 4237136 2597763 4177000 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 1 Comm card Line 2 Comm card Line 3	Test failed on lines 1, 2 & 3 (controller wrap test failure).
1828	A-A3N2 A-A3S2	85 12	4177000 4177036 4177037 4237136 2597763	Comm card Line 4 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Line 4 - test failed on line 4 adapter (controller wrap test failure).
1829	A-A3S2 A-A3R2 A-A3N2	49 25 25	4177036 4177037 4237136 2597763 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 1 Comm card Line 4	Test failed on lines 2 & 4 (controller wrap test failure).
182A	A-A3S2 A-A3N2 A-A3Q2	49 25 25	4177036 4177037 4237136 2597763 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 4 Comm card Line 2	Test failed on lines 2 & 4 (controller wrap test failure).
182b	A-A3S2 A-A3R2 A-A3Q2 A-A3N2	49 15 15 15	4177036 4177037 4237136 2597763 4177000 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 1 Comm card Line 2 Comm card Line 4	Test failed on lines 1, 2 & 4 (controller wrap test failure).
182C	A-A3S2 A-A3P2 A-A3N2	49 25 25	4177036 4177037 4237136 2597763 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 3 Comm card Line 4	Test failed on lines 3 & 4 (controller wrap test failure).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
182d	A-A3S2 A-A3R2 A-A3P2 A-A3N2	49 15 15 15	4177036 4177037 4237136 2597763 4177000 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 1 Comm card Line 3 Comm card Line 4	Test failed on lines 1, 3 & 4 (controller wrap test failure).
182E	A-A3S2 A-A3Q2 A-A3P2 A-A3N2	49 15 15 15	4177036 4177037 4237136 2597763 4177000 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 2 Comm card Line 3 Comm card Line 4	Test failed on lines 2, 3 & 4 (controller wrap test failure).
182F	A-A3S2 A-A3N2 A-A3P2 A-A3Q2 A-A3R2	55 10 10 10 10	4177036 4177037 4237136 2597763 4177000 4177000 4177000 4177000	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 4 Comm card Line 3 Comm card Line 2 Comm card Line 1	Test failed on all line adapters (controller wrap test failure).
1830					BSC Receive Time-out Data Mode. See MIM Sections 30-510 to 30-517 for more information.
1831					BSC Not Data Set Ready. See MIM Sections 30-510 to 30-517 for more information.
1832					BSC Abortive Disconnect. See MIM Sections 30-510 to 30-517 for more information.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1833					BSC Receive Adapter Check. See MIM Sections 30-510 to 30-517 for more information.
1834					BSC Transmit Adapter Check. See MIM Sections 30-510 to 30-517 for more information.
1835					BSC Block Check (LRC/CRC/VRC) error. See MIM Sections 30-510 to 30-517 for more information.
1836					BSC Receive Time-out. See MIM Sections 30-510 to 30-517 for more information.
1837					BSC ASCII Character not valid. See MIM Sections 30-510 to 30-517 for more information.
1838					SDLC Adapter Check (Overrun/Underrun). See MIM Sections 30-520 to 30-527 for more information.
1839					SDLC Abortive Disconnect (DCE clear; X.21 only). See MIM Sections 30-520 to 30-527 for more information.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>183A</b>					SDLC Not Data Set Ready. See MIM Sections 30-520 to 30-527 for more information.
<b>183b</b>					SDLC Time-out (if primary station, this is a 16-second nonproductive time-out. If secondary, this is a 32-second inactivity time-out). See MIM Sections 30-520 to 30-527 for more information.
<b>183C</b>					SDLC Idle Detected (primary station). See MIM Sections 30-520 to 30-527 for more information.
<b>183d</b>					SDLC Frame not valid. See MIM Sections 30-520 to 30-527 for more information.
<b>183E</b>					SDLC Frame Check (data check). See MIM Sections 30-520 to 30-527 for more information.
<b>183F</b>					SDLC Receive Buffer Overrun. See MIM Sections 30-520 to 30-527 for more information.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1840	A-A3P2 A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2	11 10 10 10 10 10 10 10	4237136 2597763	ELCA control card ELCA control card	Test failed on multiple communications adapters. Controller wrap test failure.
1841	A-A3F2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on: line 1 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1842	A-A3G2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 2 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1843	A-A3H2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 3 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1844	A-A3J2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 4 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1845	A-A3K2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 5 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1846	A-A3L2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 6 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1847	A-A3M2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 7 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1848	A-A3N2  A-A3P2	95  5	2597759 2597761 2597762 2597760 4237136 2597763	EIA/CCITT/auto call DDSA card X.21 card V.35 card ELCA control card ELCA control card	Test failed on line 8 communication line adapter. Communications line adapter type is unknown. Controller wrap test fail.
1849	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 A-A3P2	96       1	2597759       4237136 2597763	EIA/CCITT/auto call       ELCA control card ELCA control card	EIA/CCITT communication line adapter failure. Basic communication diagnostic test failure.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
184A	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2	96	2597761	DDSA card	DDSA communication line adapter failure.
	A-A3P2	1	4237136 2597763	ELCA control card ELCA control card	
184b	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2	96	2597762	X.21 card	X.21 communication line adapter failure. Basic communication diagnostic test failure.
	A-A3P2	1	4237136 2597763	ELCA control card ELCA control card	
184C	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2	96	2597760	V.35 card	V.35 communication line adapter failure. Basic communication diagnostic test failure.
	A-A3P2	1	4237136 2597763	ELCA control card ELCA control card	
1851	SLCA	95	4177000	SLCA Comm card	Test 1 - test buffer register  Line 1- Line adapter error Line 2- Line adapter error Line 3- Line adapter error Line 4- Line adapter error
	A-A1K2			Comm card Line 1	
	MLCA			Comm card Line 2	
	A-A3R2			Comm card Line 3	
	A-A3Q2			Comm card Line 4	
	A-A3P2				
A-A3N2					

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1852	SLCA				Test 2 - test control output register
	A-A1K2	95	4177000	SLCA Comm card	
	MLCA				Line 1- Line adapter error
	A-A3R2	95	4177000	Comm card Line 1	Line 2- Line adapter error
	A-A3Q2	95	4177000	Comm card Line 2	Line 3- Line adapter error
	A-A3P2	95	4177000	Comm card Line 3	Line 4- Line adapter error
	A-A3N2	95	4177000	Comm card Line 4	
1853	SLCA				Test 3 - test DSR w/interrupt
	A-A1K2	95	4177000	SLCA Comm card	
	MLCA				Line 1- Line adapter error
	A-A3R2	95	4177000	Comm card Line 1	Line 2- Line adapter error
	A-A3Q2	95	4177000	Comm card Line 2	Line 3- Line adapter error
	A-A3P2	95	4177000	Comm card Line 3	Line 4- Line adapter error
	A-A3N2	95	4177000	Comm card Line 4	
1854	SLCA				Test 4 - test timer w/interrupt
	A-A1K2	95	4177000	SLCA Comm card	
	MLCA				Line 1- Line adapter error
	A-A3R2	95	4177000	Comm card Line 1	Line 2- Line adapter error
	A-A3Q2	95	4177000	Comm card Line 2	Line 3- Line adapter error
	A-A3P2	95	4177000	Comm card Line 3	Line 4- Line adapter error
	A-A3N2	95	4177000	Comm card Line 4	
1855	SLCA				Test 5 - test overrun
	A-A1K2	95	4177000	SLCA Comm card	
	MLCA				Line 1- Line adapter error
	A-A3R2	95	4177000	Comm card Line 1	Line 2- Line adapter error
	A-A3Q2	95	4177000	Comm card Line 2	Line 3- Line adapter error
	A-A3P2	95	4177000	Comm card Line 3	Line 4- Line adapter error
	A-A3N2	95	4177000	Comm card Line 4	
1856	SLCA				Test 6 - test transmit data
	A-A1K2	95	4177000	SLCA Comm card	
	MLCA				Line 1- Line adapter error
	A-A3R2	95	4177000	Comm card Line 1	Line 2- Line adapter error
	A-A3Q2	95	4177000	Comm card Line 2	Line 3- Line adapter error
	A-A3P2	95	4177000	Comm card Line 3	Line 4- Line adapter error
	A-A3N2	95	4177000	Comm card Line 4	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1857	SLCA A-A1K2 MLCA A-A3R2 A-A3Q2 A-A3P2 A-A3N2	95 95 95 95 95	4177000 4177000 4177000 4177000 4177000	SLCA Comm card  Comm card Line 1 Comm card Line 2 Comm card Line 3 Comm card Line 4	Test 7 - test receive data  Line 1- Line adapter error Line 2- Line adapter error Line 3- Line adapter error Line 4- Line adapter error
1858	Xcable	99			EIA/CCITT external cable failure. Cable P/N 8636752 Basic communication diagnostic test failure.
1859	Xcable	99			Autocall external cable failure. Cable P/N 2597423 Basic communication diagnostic test failure.
185A	Xcable DCE	50 50			X.21 external cable or DCE failure. Cable P/N 8636756 Basic communication diagnostic test failure.
185b	Xcable Modem	50 50			V.35 external cable or modem. Cable P/N 4233885 Basic communication diagnostic test failure.
185C	Xcable	99			DDSA external cable failure. Cable P/N 8636753 Basic communication diagnostic test failure.
1860	Lmodem Network Rmodem	60 20 6			LPDA local/remote status test (no response from local modem) Lmodem = local modem Rmodem = remote modem

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1868	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality = 8). Lmodem = local modem Rmodem = Remote modem
1869	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality = 9). Lmodem = local modem Rmodem = remote modem
186A	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality =10). Lmodem = local modem Rmodem = remote modem
186b	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality =11). Lmodem = local modem Rmodem = remote modem
186C	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality =12). Lmodem = local modem Rmodem = remote modem
186d	Network Lrnodem Rmodem	55 35 6			LPDA local/remote status test (local data quality =13). Lmodem = local modem Rmodem = remote modem
186E	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality =14). Lmodem = local modem Rmodem = remote modem
186F	Network Lmodem Rmodem	55 35 6			LPDA local/remote status test (local data quality =13). Lmodem = local modem Rmodem = remote modem

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1870	DCE A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	40 30       20 10	2597760	V.35 card	Adapter error Japan V.35 DCE wrap test 1. Xcable = V.35 external cable P/N 4233885 Icable = internal cable P/N 2597422.  Basic communication diagnostic test failure.
1871	Lmodem A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	40 30      20 20 10	2597760	V.35 card	Adapter error Japan V.35 DCE wrap test 2. Xcable = V.35 external cable P/N 4233885 Icable = internal cable P/N 2597422.  Lmodem = local modem Basic communication diagnostic test failure.
1872	DCE A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	40 30      20 10	2597762	X.21 card	Adapter error during X.21 DCE test or cable tower wrap. Xcable = X.21 external cable P/N 8636756 Icable = internal cable P/N 2597421.  Basic communication diagnostic test failure.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1873	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	50        35 15	2597759	EIA/CCITT/auto call	EIA/CCITT adapter error Japan cable wrap transmit to receive. Xcable = EIA external cable P/N 8636752 (including stub cable) Icable = internal cable P/N 8636746.  Basic communication diagnostic test failure.
1874	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/  A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	50        35 15	2597759	EIA/CCITT/auto call	EIA/CCITT adapter error Japan cable wrap DTR DSR RTS CTS EIA/CCITT. Xcable = EIA external cable P/N 8636752 (including stub cable). Icable = internal cable P/N 8636746.  Basic communication diagnostic test failure.
1875	Lmodem A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	40 30       20 10	2597759	EIA/CCITT/auto call	EIA/CCITT adapter error Japan cable wrap, no receive timing. Lmodem = local modem Xcable = EIA external  cable P/N 8636752 Icable = internal cable P/N 8636746. Basic communication diagnostic test failure.
187A	Int/Ext Cables LDCE A-A3L4 A-A3N2	30  30 30 5	4176994 4177000	V.35 card Comm card Line 4	Line 4 - line adapter error during Japan V.35 DCE wrap test 1 (line wrap test failure). LDCE = local DCE.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
187b	Int/Ext Cables	30			Line 4 - line adapter error during Japan V.35 DCE wrap test 2 (line wrap test failure).
	LDCE	30			
	A-A3L4	30	4176994	V.35 card	
	A-A3N2	5	4177000	Comm card Line 4	
187C	Int/Ext Cables	30			Line 1 - line adapter error during X.21 DCE wrap test (line wrap test failure). LDCE = local DCE.
	LDCE	30			
	MLCA				
	A-A3M2	30	5864683	X.21 card	
	A-A3R2	5	4177000	Comm card Line 1	
	SLCA				Line 2 - line adapter error during X.21 DCE wrap test (line wrap test failure). LDCE = local DCE. Line 3 - line adapter error during X.21 DCE wrap test (line wrap test failure). LDCE = local DCE. Line 4 - line adapter error during X.21 DCE wrap test (line wrap test failure). LDCE = local DCE.
	A-A1G2	30	5864683	X.21 card	
	A-A1K2	5	4177000	SLCA Comm card	
	Int/Ext Cables	30			
	LDCE	30			
	A-A3L2	30	5864683	X.21 card	
	A-A3Q2	5	4177000	Comm card Line 2	
	Int/Ext Cables	30			
	LDCE	30			
	A-A3M4	30	5864683	X.21 card	
	A-A3P2	5	4177000	Comm card Line 3	
Int/Ext Cables	30				
LDCE	30				
A-A3L4	30	5864683	X.21 card		
A-A3N2	5	4177000	Comm card Line 4		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
187d	Int/Ext Cables	50			Line 1 - line adapter error. Japan cable wrap to receive (line wrap test failure). LDCE = local DCE.
	LDCE	20			
	MLCA				
	A-A3M2	20	5864668	EIA card	
	A-A3R2	10	4177000	Comm card Line 1	
	SLCA				
	A-A1G2	20	5864668	EIA card	Line 2 - line adapter error. Japan cable wrap to receive (line wrap test failure). LDCE = local DCE.
	A-A1K2	10	4177000	SLCA Comm card	
	Int/Ext Cables	50			
	LDCE	20			
	A-A3L2	20	5864668	EIA card	Line 3 - line adapter error. Japan cable wrap to receive (line wrap test failure). LDCE = local DCE.
	A-A3Q2	10	4177000	Comm card Line 2	
	Int/Ext Cables	50			
	LDCE	20			
	A-A3M4	20	5864668	EIA card	Line 4 - line adapter error. Japan cable wrap to receive (line wrap test failure). LDCE = local DCE.
	A-A3P2	10	4177000	Comm card Line 3	
Int/Ext Cables	50				
LDCE	20				
A-A3L4	20	5864668	EIA card		
A-A3N2	10	4177000	Comm card Line 4		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
187E	Int/Ext Cables	70			Line 1 - line adapter error. Japan cable wrap DTR, DSR, RTS, CTS (line wrap test failure).  Line 2 - line adapter error. Japan cable wrap DTR, DSR, RTS, CTS (line wrap test failure). Line 3 - line adapter error. Japan cable wrap DTR, DSR, RTS, CTS (line wrap test failure). Line 4 - line adapter error. Japan cable wrap DTR, DSR, RTS, CTS (line wrap test failure).
	MLCA				
	A-A3M2	20	5864668	EIA card	
	A-A3F2	10	4177000	Comm card Line 1	
	SLCA				
	A-A1G2	20	5864668	EIA card	
	A-A1K2	10	4177000	SLCA Comm card	
	Int/Ext Cables	70			
	A-A3L2	20	5864668	EIA card	
	A-A3Q2	10	4177000	Comm card Line 2	
	Int/Ext Cables	70			
	A-A3M4	20	5864668	EIA card	
	A-A3P2	10	4177000	Comm card Line 3	
	Int/Ext Cables	70			
A-A3L4	20	5864668	EIA card		
A-A3N2	10	4177000	Comm card Line 4		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
187F	LDCE	55			Line 1 - line adapter error. Japan cable wrap receive timing (line wrap test failure). LDCE = local DCE.  Line 2 - line adapter error. Japan cable wrap receive timing (line wrap test failure). LDCE = local DCE. Line 3 - line adapter error. Japan cable wrap receive timing (line wrap test failure). LDCE = local DCE. Line 4 - line adapter error. Japan cable wrap receive timing (line wrap test failure). LDCE = local DCE.
	Ext Cables	25			
	MLCA				
	A-A3M2	10	5864668	EIA card	
	A-A3R2	10	4177000	Comm card Line 1	
	SLCA				
	A-A1G2	10	5864668	EIA card	
	A-A1K2	10	4177000	SLCA Comm card	
	Ext Cables	25			
	A-A3L2	10	5864668	EIA card	
	A-A3Q2	10	4177000	Comm card Line 2	
	Ext Cables	25			
A-A3M4	10	5864668	EIA card		
A-A3P2	10	4177000	Comm card Line 3		
Ext Cables	25				
A-A3L4	10	5864668	EIA card		
A-A3N2	10	4177000	Comm card Line 4		
1880	Card 1	40			LPDA local selftest error (no response from local modem). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler. CALA = Comm Adapter, Line Adapter or Cables.
	Card 2	30			
	Card 3	20			
	Coupler	5			
	CALA	5			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1881	Coupler Card 3 Card 2 Card 1	90 2 2 2			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
1882	Card 3 Card 1 Coupler Card 2	91 3 2 2			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1883	Card 3 Coupler Card 2 Card 1	50 40 2 2			<p>LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>
1884	Card 2 Card 1 Card 3 Coupler	72 15 10 2			<p>LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1885	Card 2 Coupler Card 1 Card 3	50 40 2 2			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
1886	Card 2 Card 3 Coupler Card 1	50 40 2 2			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1887	<b>Card 2</b> <b>Card 3</b> <b>Coupler</b> <b>Card 1</b>	<b>40</b> <b>27</b> <b>25</b> <b>2</b>			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
1888	<b>Card 1</b> <b>Coupler</b> <b>Card 2</b> <b>Card 3</b>	<b>73</b> <b>5</b> <b>5</b> <b>2</b>			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1889	Card 1 Coupler Card 2 Card 3	50 40 2 2			<p>LPDA local selftest error (local external modem failure).            FRU callouts, see local LPDA modem - no P/N supplied.            The modem cards listed below are valid only for 386x modems.            Card 1 - front end card.            Card 2 - receiver card.            Card 3 - Processor card.            Coupler- modem coupler.</p>
188A	Card 1 Card 3 Coupler Card 2	50 40 2 2			<p>LPDA local selftest error (local external modem failure).            FRU callouts, see local LPDA modem - no P/N supplied.            The modem cards listed below are valid only for 386x modems.            Card 1 - front end card.            Card 2 - receiver card.            Card 3 - Processor card.            Coupler- modem coupler.</p>



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
188b	<b>Card 1</b> <b>Card 3</b> <b>Coupler</b> <b>Card 2</b>	<b>40</b> <b>27</b> <b>25</b> <b>2</b>			<p>LPDA local selftest error (local external modem failure).  FRU callouts, see local LPDA modem - no P/N supplied.  The modem cards listed below are valid only for 386x modems.  Card 1 - front end card.  Card 2 - receiver card.  Card 3 - Processor card.  Coupler- modem coupler.</p>
188C	<b>Card 1</b> <b>Card 2</b> <b>Card 3</b> <b>Coupler</b>	<b>50</b> <b>40</b> <b>2</b> <b>2</b>			<p>LPDA local selftest error (local external modem failure).  FRU callouts, see local LPDA modem - no P/N supplied.  The modem cards listed below are valid only for 386x modems.  Card 1 - front end card.  Card 2 - receiver card.  Card 3 - Processor card.  Coupler- modem coupler.</p>

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
188d	Card 1 Card 2 Coupler Card 3	40 27 25 2			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
188E	Card 2 Card 3 Coupler Card 1	40 27 25 2			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
188F	Coupler Card 3 Card 2 Card 1	20 20 20 20			LPDA local selftest error (local external modem failure). FRU callouts, see local LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
1890	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	60        30 10	2597759	EIA/CCITT/auto call	EIA end of cable wrap failure (every FRU).  Xcable = EIA external  cable P/N 8636752 Icable = internal cable P/N 8636746. Basic communication diagnostic test failure.
1891	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Icable	80        20	2597759	EIA/CCITT/auto call	EIA cable tower wrap failure (CA & ICable) or: autocall cable tower wrap failure (CA & ICable) Icable = internal cable P/N 8636746 - EIA, P/N 2597420 - autocall. Basic communication diagnostic test failure.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1892	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	60        30 10	2597761	DDSA card	DDSA end of cable wrap failure Xcable = DDSA external cable P/N 8636753 Icable = internal cable P/N 8636746.  Basic communication diagnostic test failure.
1893	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Icable	80        20	2597761	DDSA card	DDSA cable tower wrap failure (CA & ICable) Icable = internal cable P/N 8636746.  Basic communication diagnostic test failure.
1894	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Icable	80        20	2597762	X.21 card	X.21 cable tower wrap failure (CA & ICable) Icable = internal cable P/N 2597421.  Basic communication diagnostic test failure.
1895	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Icable	80        20	2597760	V.35 card	V.35 WB cable tower wrap failure (CA & ICable) Icable = internal cable P/N 2597422.  Basic communication diagnostic test failure.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1896	A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable icable	67        30 10	2597759	EIA/CCITT/auto cali	Autocall end of cable wrap failure (every FRU). Xcable = A C. external cable P/N 2597423.  Icable = internal cable P/N 2597420. Basic communication diagnostic test failure.
1897	SLCA A-A1G2 A-A1K2 MLCA A-A3M2 A-A3R2 Int Cables A-A3L2 int Cables A-A3Q2 A-A3M4 Int Cables A-A3P2 A-A3L4 Int Cables A-A3N2	80 10  80 10 10  80 10 10 80 80 10 10 80 10 80 10	8527032 4177000  8527032 4177000  8527032  4177000 8527032  4177000 8527032  4177000	DDSA card SLCA Comm card  DDSA card Comm card Line 1  DDSA card  Comm card Line 2 DDSA card  Comm card Line 3 DDSA card  Comm card Line 4	Line 1 - 4-wire cable tower wrap failure w/DDSA (line wrap test failure).      Line 2 -    Line 3 -    Line 4 -
1899	A-A3L4 Int Cables A-A3N2	80 10  10	4176994   4177000	V.35 card   Comm card Line 4	Line 4 - V35 cable tower wrap error (line wrap test failure).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
189A	SCLA				Line 1 - EIA/CCITT or autocal cable tower wrap error (line wrap test failure).  Line 2 - EIA/CCITT or autocal cable tower wrap error (line wrap test failure). Line 3 - EIA/CCITT or autocal cable tower wrap error (line wrap test failure). Line 4 - EIA/CCITT or autocal cable tower wrap error (line wrap test failure).
	A-A1G2	80	5864668	EIA card	
	A-A1K2	10	4177000	SLCA Comm card	
	MLCA				
	A-A3M2	80	5864668	EIA card	
	A-A3P2	10	4177000	Comm card Line 1	
	Int	10			
	Cables				
	A-A3L2	80	5864668	EIA card	
	Int	10			
	Cables				
	A-A3Q2	10	4177000	Comm card Line 2	
	A-A3M4	80	5864668	EIA card	
	Int	10			
Cables					
A-A3P2	10	4177000	Comm card Line 3		
A-A3L4	80	5864668	EIA card		
Int	10				
Cables					
A-A3N2	10	4177000	Comm card Line 4		
18A0	Lmodem	90			LPDA local status test error (no response). Lmodem = local modem.
	Network	10			
18A8	Network	65			LPDA local status test error (data quality = 8). Lmodem = local modem Rmodem = remote modem
	Lmodem	16			
	Rmodem	16			
18A9	Network	65			LPDA local status test error (data quality = 9). Lmodem = local modem Rmodem = remote modem
	Lmodem	16			
	Rmodem	16			
18AA	Network	65			LPDA local status test error (data quality = 10). Lmodem = local modem Rmodem = remote modem
	Lmodem	16			
	Rmodem	16			

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>18Ab</b>	<b>Network Lmodem Rmodem</b>	<b>65 16 16</b>			LPDA local status test error (data quality = 11). Lmodem = local modem Rmodem = remote modem
<b>18AC</b>	<b>Network Lmodem Rmodem</b>	<b>65 16 16</b>			LPDA local status test error (data quality = 12). Lmodem = local modem Rmodem = remote modem
<b>18Ad</b>	<b>Network Lmodem Rmodem</b>	<b>65 16 16</b>			LPDA local status test error (data quality = 13). Lmodem = local modem Rmodem = remote modem
<b>18AE</b>	<b>Network Lmodem Rmodem</b>	<b>65 16 16</b>			LPDA local status test error (data quality = 14). Lmodem = local modem Rmodem = remote modem
<b>18AF</b>	<b>Network Lmodem Rmodem</b>	<b>65 16 16</b>			LPDA local status test error (data quality = 15). Lmodem = local modem Rmodem = remote modem
<b>18b0</b>					Line allocation failed (return code not recognized) or test selection is not valid. Program error.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>18b1</b>	<b>SLCA</b>				Line 1 - DDSA card wrap error (LS type wrap (line wrap test failure)).  Line 2 -  Line 3 -  Line 4 -
	<b>A-A1G2</b>	<b>90</b>	<b>8527032</b>	<b>DDSA card</b>	
	<b>A-A1K2</b>	<b>10</b>	<b>4177000</b>	<b>SLCA Comm card</b>	
	<b>MLCA</b>				
	<b>A-A3M2</b>	<b>90</b>	<b>8527032</b>	<b>DDSA card</b>	
	<b>A-A3R2</b>	<b>10</b>	<b>4177000</b>	<b>Comm card Line 1</b>	
	<b>A-A3L2</b>	<b>90</b>	<b>8527032</b>	<b>DDSA card</b>	
	<b>A-A3Q2</b>	<b>10</b>	<b>4177000</b>	<b>Comm card Line 2</b>	
	<b>A-A3M4</b>	<b>90</b>	<b>8527032</b>	<b>DDSA card</b>	
	<b>A-A3P2</b>	<b>10</b>	<b>4177000</b>	<b>Comm card Line 3</b>	
	<b>A-A3L4</b>	<b>90</b>	<b>8527032</b>	<b>DDSA card</b>	
	<b>A-A3N2</b>	<b>10</b>	<b>4177000</b>	<b>Comm card Line 4</b>	
<b>18b2</b>	<b>Externl modem/network</b>	<b>70</b>			Communications SRC. No DSR - (from problem determination tests) but not enough known to do FRU isolation. CE/CSR run MDIs. Suspected external problem.
<b>18b3</b>	<b>Externl modem/network</b>	<b>50</b>			Communications SRC. No CTS - (from problem determination tests) but not enough known to do FRU isolation. CE/CSR run MDIs. Suspected external problem.
<b>18b4</b>	<b>Externl modem/network</b>	<b>60</b>			Communications SRC. No external receive clocking nor DSR - (from problem determination tests) but not enough known to do FRU isolation. CE/CSR run MDIs. Suspected external problem.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18b5	SLCA	90	5167248	1200 NonSw (WT) card	Line 1 - 1200 I.M. card wrap error (LS type wrap) (line wrap test failure).  Line 2 -  Line 3 -  Line 4 -
	A-A1G2		8564508	1200 Sw (US) card	
			6173448	1200 NonSw (US) card	
			5167246	1200 Sw (WT) card	
	A-A3K2	10			
	MLCA				
	A-A3M2	90	6173448	1200 NonSw US card	
			8564508	1200 Sw US card	
			5167246	1200 Sw WT card	
			5167248	1200 NonSw wt card	
	A-A3R2	10	4177000	Comm card Line 1	
	A-A3L2	90	8564508	1200 Sw US card	
	6173448		1200 NonSw US card		
	5167246		1200 Sw WT card		
	5167248		1200 NonSw wt card		
A-A3Q2	10	4177000	Comm card Line 2		
A-A3M4	90	6173448	1200 NonSw US card		
		8564508	1200 Sw US card		
		5167246	1200 Sw WT card		
		5167248	1200 NonSw wt card		
A-A3P2	10	4177000	Comm card Line 3		
A-A3L4	90	8564508	1200 Sw US card		
		6173448	1200 NonSw US card		
		5167246	1200 Sw WT card		
		5167248	1200 NonSw wt card		
	A-A3N2	10	4177000	Comm card Line 4	
18b6	IBM Externl modem	80			External IBM modem failure. Modem number unknown.
18b7					Remote loopback test failure. Suspected external problem or operator problem from problem determination test

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18b8	Xmodem A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	80 12       6 2	2597759	EIA/CCITT/auto call	No DSR from external modem Xmodem = external modem Xcable = EIA external cable P/N 8636752 Icable = internal cable P/N 8636746.
18b9	Xmodem A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	80 12       6 2	2597759	EIA/CCITT/auto call	No CTS from external modem Xmodem = external modem Xcable = EIA external cable P/N 8636752 Icable = internal cable P/N 8636746.
18bA	Xmodem A-A3F2/ A-A3G2/ A-A3H2/ A-A3J2/ A-A3K2/ A-A3L2/ A-A3M2/ A-A3N2 Xcable Icable	80 12       6 2	2597759	EIA/CCITT/auto call	No external receive clock from external modem. Xcable = EIA external cable P/N 8636752 Icable = internal cable P/N 8636746.  Xmodem = external modem

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>18bb</b>	<b>Xmodem</b> <b>A-A3F2/</b> <b>A-A3G2/</b> <b>A-A3H2/</b> <b>A-A3J2/</b> <b>A-A3K2/</b> <b>A-A3L2/</b> <b>A-A3M2/</b> <b>A-A3N2</b> <b>Xcable</b> <b>Icable</b>	<b>80</b> <b>12</b>       <b>6</b> <b>2</b>	<b>2597759</b>	<b>EIA/CCITT/auto call</b>	External modem failure. Xmodem = external modem Xcable = EIA external cable P/N 8636752 Icable = internal cable P/N 8636746.
<b>18bE</b>	<b>Xmodem</b>	<b>99</b>			External modem failure. (Modem is only FRU) If this is Japan and an EIA/CCITT interface, suspect missing clocking from the modem.
<b>18C0</b>	<b>Network</b> <b>Rmodem</b> <b>Lmodem</b>	<b>50</b> <b>45</b> <b>5</b>			LPDA remote selftest error (no response from remote modem). Lmodem = Local modem Rmodem = Remote modem
<b>18C1</b>	<b>Coupler</b> <b>Card 3</b> <b>Card 2</b>	<b>90</b> <b>2</b> <b>2</b>			LPDA remote selftest error (remote LPDA modem failure. FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>18C2</b>	<b>Card 3</b> <b>Card 1</b> <b>Coupler</b> <b>Card 2</b>	<b>91</b> <b>3</b> <b>2</b> <b>2</b>			<p>LPDA remote selftest error (remote LPDA modem failure).</p> <p>FRU callouts, see remote LPDA modem - no P/N supplied.</p> <p>The modem cards listed below are valid only for 386x modems.</p> <p>Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>
<b>18C3</b>	<b>Card 3</b> <b>Coupler</b> <b>Card 1</b> <b>Card 2</b>	<b>50</b> <b>40</b> <b>2</b> <b>2</b>			<p>LPDA remote selftest error (remote LPDA modem failure).</p> <p>FRU callouts, see remote LPDA modem - no P/N supplied.</p> <p>The modem cards listed below are valid only for 386x modems.</p> <p>Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18C4	Card 2 Card 1 Card 3 Coupler	72 15 10 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
18C5	Card 2 Coupler Card 1 Card 3	50 40 2 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18C6	Card 2 Card 3 Coupler Card 1	50 40 2 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
18C7	Card 2 Card 3 Coupler Card 1	40 27 25 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18C8	Card 1 Coupler Card 3 Card 2	73 5 2 2			<p>LPDA remote selftest error (remote LPDA modem failure).</p> <p>FRU callouts, see remote LPDA modem - no P/N supplied.</p> <p>The modem cards listed below are valid only for 386x modems.</p> <p>Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>
18C9	Card 1 Coupler Card 3 Card 2	50 40 2 2			<p>LPDA remote selftest error (remote LPDA modem failure).</p> <p>FRU callouts, see remote LPDA modem - no P/N supplied.</p> <p>The modem cards listed below are valid only for 386x modems.</p> <p>Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18CA	Card 1 Card 3 Coupler Card 2	50 40 2 2			<p>LPDA remote selftest error (remote LPDA modem failure).</p> <p>FRU callouts, see remote LPDA modem - no P/N supplied.</p> <p>The modem cards listed below are valid only for 386x modems.</p> <p>Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>
18Cb	Card 1 Card 3 Coupler Card 2	40 27 25 2			<p>LPDA remote selftest error (remote LPDA modem failure).</p> <p>FRU callouts, see remote LPDA modem - no P/N supplied.</p> <p>The modem cards listed below are valid only for 386x modems.</p> <p>Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.</p>



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18CC	Card 1 Card 2 Card 3 Coupler	50 40 2 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
18Cd	Card 1 Card 2 Coupler Card 3	40 27 25 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18CE	Card 2 Card 3 Coupler Card 1	40 27 25 2			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
18CF	Coupler Card 3 Card 2 Card 1	20 20 20 20			LPDA remote selftest error (remote LPDA modem failure). FRU callouts, see remote LPDA modem - no P/N supplied. The modem cards listed below are valid only for 386x modems. Card 1 - front end card. Card 2 - receiver card. Card 3 - Processor card. Coupler- modem coupler.
18d8					AUTOCALL Data Line Occupied (DLO) error. See MIM Sections 30-540 to 30-547 for more information.
18d9					AUTOCALL Abandon Call Retry (ACR) error. See MIM Sections 30-540 to 30-547 for more information.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>18dA</b>					AUTOCALL Present Next Digit (PND) error. See MIM Sections 30-540 to 30-547 for more information.
<b>18db</b>					AUTOCALL Distant Station Connected (DSC) error. See MIM Sections 30-540 to 30-547 for more information.
<b>18dC</b>					AUTOCALL Power Indicate (PWI) error. See MIM Sections 30-540 to 30-547 for more information.
<b>18dd</b>					AUTOCALL unit has received a command that was not valid. See MIM Sections 30-540 to 30-547 for more information.
<b>18dE</b>					AUTOCALL unit has received a telephone number with a length of zero. See MIM Sections 30-540 to 30-547 for more information.
<b>18dF</b>					AUTOCALL Data Terminal Ready (DTR) is off for the communications line. See MIM Sections 30-540 to 30-547 for more information.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18E0	Network Rmodem Lmodem	45 45 6			LPDA local/remote status test (no response from remote modem) Rmodem = remote modem Lmodem = local modem
18E8	Network Rmodem Lmodem	65 16 16			LPDA local/remote test (remote data quality = 8). Rmodem = remote modem Lmodem = local modem
18E9	Network Rmodem Lmodem	75 11 11			LPDA local/remote test (remote data quality = 9). Rmodem = remote modem Lmodem = local modem
18EA	Network Rmodem Lmodem	85 6 6			LPDA local/remote test (remote data quality = 10). Rmodem = remote modem Lmodem = local modem
18Eb	Network Rmodem Lmodem	85 6 6			LPDA local/remote test (remote data quality = 11). Rmodem = remote modem Lmodem = local modem
18EC	Network Rmodem Lmodem	85 6 6			LPDA local/remote test (remote data quality = 12). Rmodem = remote modem Lmodem = local modem
18Ed	Network Rmodem Lmodem	85 6 6			LPDA local/remote test (remote data quality = 13). Rmodem = remote modem Lmodem = local modem
18EE	Network Rmodem Lmodem	85 6 6			LPDA local/remote test (remote data quality = 14). Rmodem = remote modem Lmodem = local modem

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18EF	Network Rmodem Lmodem	85 6 6			LPDA local/remote test (remote data quality = 15). Rmodem = remote modem Lmodem = local modem
18F1					LPDA remote test. Remote modem test can not be run. Local Modem is not configured as a control modem. Configuration or operator problem. LPDA problem determination test.
18F2					X.21 Adapter Check (Overrun) occurred while attempting to make a call. See MIM Sections 30-550 to 30-555 for more information.
18F3					X.21 DCE was not ready or did not become ready after a clear. See MIM Sections 30-550 to 30-555 for more information.
18F4					X.21 DCE clear was done while attempting to make a call. See MIM Sections 30-550 to 30-555 for more information.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18F5					X.21 DCE responded to the selection sequence with a 2X through 8X call progress signal. See MIM Sections 30-550 to 30-555 for more information.
18F6					X.21 Parity error was sensed while attempting to make a call. See MIM Sections 30-550 to 30-555 for more information.
18F7					X.21 T3A Time-out. The DCE did not respond after responding with a call progress signal. See MIM Sections 30-550 to 30-555 for more information.
18F8					X.21 T3B Time-out. The DCE did not respond after responding with an 01, 02, or 03 call progress signal. See MIM Sections 30-550 to 30-555 for more information.
18F9					X.21 T2 Time-out. The DCE did not respond to the selection sequence. See MIM Sections 30-550 to 30-555 for more information.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
18FA					X.21 T1 Time-out. The DCE did not respond to a call request. See MIM Sections 30-550 to 30-555 for more information.
18Fb					X.25 Normal completion. See MIM Sections 30-560 to 30-567 for more information.
18FC					X.25 Error completion. See MIM Sections 30-560 to 30-567 for more information.
18Fd					X.25 Attention completion. See MIM Sections 30-560 to 30-567 for more information.
18FE					Unknown communications error. See MIM Section 30-500 for more information.
1901	A-A1E2/ A-A2E2	90	2462228	Data stor adapter 1 cd	Replace FRU only if MAPs do not isolate failure.
1902	A-A1C2/ A-A2C2/	60	2597702	adapter A card 21ED	Run MDIs against Drive A. Replace FRUs listed only if MAPs do not isolate failure.
	A-A1E2/ A-A2E2	30	2462228	Data stor adapter 1 cd	
1903	A-A1D2/ A-A2D2	60	2597702	adapter B card 21ED	Run MDIs against Drive B. Replace FRUs listed only if MAPs do not isolate failure.
	A-A1E2/ A-A2E2	30	2462228	Data stor adapter 1 cd	
1906	A-A1D2/ A-A2D2 Drive B	60 30	2597702	adapter B card 21ED	Run MDIs against Drive B.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1908					Take system dump. Disk interrupt caused error not valid.
190A	A-A1C2/ A-A2C2 Drive A	60 30	2597702	adapter A card 21ED	Run MDIs against Drive A. May need to customize or reload SSP.
190b	A-A1D2/ A-A2D2 Drive B	60 30	2597702	adapter B card 21ED	Run MDIs against Drive B.
190d	A-A1D2/ A-A2D2 Drive B	60 30	2597702	adapter B card 21ED	Run MDIs against Drive B.
190E					Permanent ECC check, sector reassigned to new sector. Customer may need to run "BUILD" procedure.
1910	Drive A A-A1E2/ A-A2E2 A-A1C2/ A-A2C2 Drive B A-A1E2/ A-A2E2 A-A1D2/ A-A2D2	48 48 48 48	2462228 2597702 2462228 2597702	Data stor adapter 1 cd adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED	
1911	Drive A A-A1C2/ A-A2C2 A-A1A2 Drive B A-A1D2/ A-A2D2 G-A1A2	48 48 48 48	2597702 1616312 2597702 1616312	adapter A card 21ED Digital card 21ED adapter B card 21ED Digital card 21ED	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1912	Drive A F-A1A2 F-B1A3 Drive B G-A1A2 G-B1A3	48 48 48 48	1616312 4044272 1616312 4044272	Digital card 21ED Analog card 21ED Digital card 21ED Analog card 21ED	
1913	Drive A F-A1A2 F-B1A3 DE Drive B G-A1A2 G-B1A3 DE	32 32 32 32 32 32	1616312 4044272 1616699 1616312 4044272 1616699	Digital card 21ED Analog card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED Disk Enclosure 21ED	
1914	Drive A F-A1A2 Drive B G-A1A2	96 96	1616312 1616312	Digital card 21ED Digital card 21ED	
1915	Drive A F-A1A2 A-A1C2/ A-A1D2/ F-B1A3 Drive B G-A1A2 A-A1D2/ A-A2D2 G-B1A3	50 26 20 50 26 20	1616312 2597702 4044272 1616312 2597702 4044272	Digital card 21ED adapter A card 21ED Analog card 21ED Digital card 21ED adapter B card 21ED Analog card 21ED	
1916	Drive A F-A1A2 F-C1A1 Drive B G-A1A2 G-C1A1	48 48 48 48	1616312 1616814 1616312 1616814	Digital card 21ED Driver card 21ED Digital card 21ED Driver card 21ED	
1917	A-A1E2/ A-A2E2	96	2462228	Data stor adapter 1 cd	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1918	Drive A A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	Run "Build" procedure first. Replace FRU if problem persists.
	Drive B A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
1919	Drive A A-A1E2/ A-A2E2	64	2462228	Data stor adapter 1 cd	Run "BUILD" procedure first. Replace FRUs if problem persists.
	Drive A A-A1C2/ A-A2C2	32	2597702	adapter A card 21ED	
	Drive B A-A1E2/ A-A2E2	64	2462228	Data stor adapter 1 cd	
	Drive B A-A1D2/ A-A2D2	32	2597702	adapter B card 21ED	
1920	Drive A A-A1C2/ A-A2C2	50	2597702	adapter A card 21ED	Disk Interface Parity Chk
	Drive A F-A1A2	40	1616312	Digital card 21ED	
	Drive B A-A1D2/ A-A2D2	50	2597702	adapter B card 21ED	
	Drive B G-A1A2	40	1616312	Digital card 21ED	
1921	Drive A F-B1A3	40	4044272	Analog card 21ED	Card Unsafe.
	Drive A F-A1A2	30	1616312	Digital card 21ED	
	Drive A F-C1A1	15	1616814	Driver card 21ED	
	Drive A DE	10	1616699	Disk Enclosure 21ED	
	Drive B G-B1A3	40	4044272	Analog card 21ED	
	Drive B G-A1A2	30	1616312	Digital card 21ED	
	Drive B G-C1A1	15	1616814	Driver card 21ED	
	Drive B DE	10	1616699	Disk Enclosure 21ED	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1922	Drive A F-A1A2 F-B1A3 A-A1C2/ A-A2C2 F-C1A1 DE Drive B G-A1A2 G-B1A3 A-A1D2/ A-A2D2 G-C1A1 DE	40 30 20 5 1 40 30 20 5 1	1616312 4044272 2597702 1616814 1616699 1616312 4044272 2597702 1616814 1616699	Digital card 21ED Analog card 21ED adapter A card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Driver card 21ED Disk Enclosure 21ED	DE Unsafe.
1923	Drive A A-A1C2/ A-A2C2 F-A1A2 F-B1A3 Drive B A-A1D2/ A-A2D2 G-A1A2 G-B1A3	40 30 20 40 30 20	2597702 1616312 4044272 2597702 1616312 4044272	adapter A card 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Digital card 21ED Analog card 21ED	Operation Unsafe.
1924	Drive A F-A1A2 F-B1A3 A-A1C2/ A-A2C2 F-C1A1 DE Drive B G-A1A2 G-B1A3 A-A1D2/ A-A2D2 G-C1A1 DE	40 30 20 5 1 40 30 20 5 1	1616312 4044272 2597702 1616814 1616699 1616312 4044272 2597702 1616814 1616699	Digital card 21ED Analog card 21ED adapter A card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Driver card 21ED Disk Enclosure 21ED	Seek Unsafe.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1925	Drive A F-A1A2 F-C1A1 Drive B G-A1A2 G-C1A1	50 40 50 40	1616312 1616814 1616312 1616814	Digital card 21ED Driver card 21ED Digital card 21ED Driver card 21ED	Sync Unsafe.
1926	Drive A F-A1A2 F-B1A3 A-A1C2/ A-A2C2 F-C1A1 DE Drive B G-A1A2 G-B1A3 A-A1D2/ A-A2D2 G-C1A1 DE	40 30 20 5 1 40 30 20 5 1	1616312 4044272 2597702 1616814 1616699 1616312 4044272 2597702 1616814 1616699	Digital card 21ED Analog card 21ED adapter A card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Driver card 21ED Disk Enclosure 21ED	Sync Unsafe.
1927	Drive A F-B1A3 F-A1A2 F-C1A1 DE Drive B G-B1A3 G-A1A2 G-C1A1 DE	40 30 15 10 45 30 15 10	4044272 1616312 1616814 1616699 4044272 1616312 1616814 1616699	Analog card 21ED Digital card 21ED Driver card 21ED Disk Enclosure 21ED Analog card 21ED Digital card 21ED Driver card 21ED Disk Enclosure 21ED	Servo Unsafe.
1928	Drive A F-A1A2 F-C1A1 DE Drive B G-A1A2 G-C1A1 DE	40 30 25 40 30 25	1616312 1616814 1616699 1616312 1616814 1616699	Digital card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Driver card 21ED Disk Enclosure 21ED	Motor/Proc Unsafe.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1929	Drive A A-A1E2/	50	2462228	Data stor adapter 1 cd	Interrupt Timeout Check.
	A-A2E2				
	A-A1C2/	40	2597702	adapter A card 21ED	
	A-A2C2				
192A	Drive B A-A1E2/	50	2462228	Data stor adapter 1 cd	Cycle Steal Address Check.
	A-A2E2				
	A-A1D2/	40	2597702	adapter B card 21ED	
	A-A2D2				
192b	Drive A A-A1E2/	50	2462228	Data stor adapter 1 cd	Command Parity Check.
	A-A2E2				
	A-A1C2/	40	2597702	adapter A card 21ED	
	A-A2C2				
192C	Drive B A-A1E2/	50	2462228	Data stor adapter 1 cd	Cycle Steal Parity Check.
	A-A2E2				
	A-A1D2/	40	2597702	adapter B card 21ED	
	A-A2D2				
192d	A-A1E2/ A-A2E2	90	2462228	Data stor adapter 1 cd	DSA Buffer Write Check.
192E	Drive A A-A1C2/	50	2597702	adapter A card 21ED	Interface Timeout.
	A-A2C2				
	A-A1E2/	40	2462228	Data stor adapter 1 cd	
	A-A2E2				
192E	Drive B A-A1D2/	50	2597702	adapter B card 21ED	
	A-A2D2				
	A-A1E2/ A-A2E2	40	2462228	Data stor adapter 1 cd	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
192F	Drive A A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	USA Data Bus Parity Check.
	A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	
	Drive B A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	
	A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
1930	Drive A A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	Data Overrun Check.
	F-A1A2	30	1616312	Digital card 21ED	
	A-A1E2/ A-A2E2	20	2462228	Data stor adapter 1 cd	
	Drive B A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
	G-A1A2	30	1616312	Digital card 21ED	
	A-A1E2/ A-A2E2	20	2462228	Data stor adapter 1 cd	
1931	Drive A A-A1C2/ A-A2C2	50	2597702	adapter A card 21ED	CRC/ECC Check.  Run "BUILD" procedure first. If problem persists, replace FRU.
	F-B1A3	30	4044272	Analog card 21ED	
	F-C1A1	10	1616814	Driver card 21ED	
	DE	1	1616699	Disk Enclosure 21ED	
	Drive B A-A1D2/ A-A2D2	50	2597702	adapter B card 21ED	
	G-B1A3	30	4044272	Analog card 21ED	
	G-C1A1	10	1616814	Driver card 21ED	
	DE	1	1616699	Disk Enclosure 21ED	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1932	Drive A A-A1C2/ A-A2C2 F-B1A3 F-C1A1 DE Drive B A-A1D2/ A-A2D2 G-B1A3 G-C1A1 DE	50 30 10 1 50 30 10 1	2597702 4044272 1616814 1616699 2597702 4044272 1616814 1616699	adapter A card 21ED Analog card 21ED Driver card 21ED Disk Enclosure 21ED adapter B card 21ED Analog card 21ED Driver card 21ED Disk Enclosure 21ED	No Record Found.  Run "BUILD" procedure first. If problem persists, replace FRU.
1933	Drive A A-A1C2/ A-A2C2 A-A1E2/ A-A2E2 Drive B A-A1D2/ A-A2D2 A-A1E2/ A-A2E2	50 40 50 40	2597702 2462228 2597702 2462228	adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED Data stor adapter 1 cd	Command Cycle Pty Check.
1934	Drive A A-A1C2/ A-A2C2 F-A1A2 F-B1A2 Drive B A-A1D2/ A-A2D2 G-A1A2 G-B1A2	40 30 20 40 30 20	2597702 1616312 1616312 2597702 1616312 1616312	adapter A card 21ED Digital card 21ED Digital card 21ED adapter B card 21ED Digital card 21ED Digital card 21ED	Cable Continuity Check.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1935	Drive A A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	Data Cycle Parity Check.
	A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	
	Drive B A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	
	A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
1936	Drive A A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	Sync Not Found Check  Run "BUILD" procedure first. If problem persists, replace FRU.
	Drive B A-A1D2/ A-A2D2	40 40	2597702	adapter B card 21ED	
1937	Drive A A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	Disk Write Data Check.
	F-A1A2	30	1616312	Digital card 21ED	
	F-B1A3	20	4044272	Analog card 21ED	
	Drive B A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
	G-A1A2	30	1616312	Digital card 21ED	
	G-B1A3	20	4044272	Analog card 21ED	
1938	Drive A A-A1C2/ A-A2C2	50	2597702	adapter A card 21ED	Command Reject.
	A-A1E2/ A-A2E2	40	2462228	Data stor adapter 1 cd	
	Drive B A-A1D2/ A-A2D2	50	2597702	adapter B card 21ED	
	A-A1E2/ A-A2E2	40	2462228	Data stor adapter 1 cd	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1939	Drive A F-A1A2 F-B1A3 Drive B G-A1A2 G-B1A3	50 40 50 40	1616312 4044272 1616312 4044272	Digital card 21ED Analog card 21ED Digital card 21ED Analog card 21ED	Data Cycle Unarrun Check
193A	Drive A A-A1C2/ A-A2C2 F-A1A2 Drive B A-A1D2/ A-A2D2 G-A1A2	50 40 50 40	2597702 1616312 2597702 1616312	adapter A card 21ED Digital card 21ED adapter B card 21ED Digital card 21ED	
197F					Undetermined error. Run disk MDIs against failing drive to determine.
1990	Drive A A-A1E2/ A-A2E2 A-A1C2/ A-A2C2 Drive B A-A1E2/ A-A2E2 A-A1D2/ A-A2D2	48 48 48 48	2462228 2597702 2462228 2597. J2	Data stor adapter 1 cd adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED	
1991	Drive A A-A1C2/ A-A2C2 F-A1A2 Drive B A-A1D2/ A-A2D2 G-A1A2	48 48 48 48	2597702 1616312 2597702 1616312	adapter A card 21ED Digital card 21ED adapter B card 21ED Digital card 21ED	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1992	Drive A F-A1A2 F-B1A3 Drive B G-A1A2 G-B1A3	48 48 48 48	1616312 4044272 1616312 4044272	Digital card 21ED Analog card 21ED Digital card 21ED Analog card 21ED	
1993	Drive A F-A1A2 F-B1A3 DE Drive B G-A1A2 G-B1A3 DE	32 32 32 32 32 32	1616312 4044272 1616699 1616312 4044272 1616699	Digital card 21ED Analog card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED Disk Enclosure 21ED	
1994	Drive A F-A1A2 Drive B G-A1A2	96 96	1616312 1616312	Digital card 21ED Digital card 21ED	
1995	Drive A F-A1A2 A-A1C2/ A-A2C2 F-B1A3 Drive B G-A1A2 A-A1D2/ A-A2D2 G-B1A3	50 26 20 50 26 20	1616312 2597702 4044272 1616312 2597702 4044272	Digital card 21ED adapter A card 21ED Analog card 21ED Digital card 21ED adapter B card 21ED Analog card 21ED	
1996	Drive A F-A1A2 F-C1A1 Drive B G-A1A2 G-C1A1	48 48 48 48	1616312 1616814 1616312 1616814	Digital card 21ED Driver card 21ED Digital card 21ED Driver card 21ED	
1997	A-A1E2/ A-A2E2	96	2462228	Data stor adapter 1 cd	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1998	Drive A A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	Run "BUILD" procedure first. Replace FRU if problem persists.
	Drive B A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
1999	Drive A A-A1E2/ A-A2E2	64	2462228	Data stor adapter 1 cd	Run "BUILD" procedure first. Replace FRUs if problem persists.
	A-A1C2/ A-A2C2	32	2597702	adapter A card 21ED	
	Drive B A-A1E2/ A-A2E2	64	2462228	Data stor adapter 1 cd	
	A-A1D2/ A-A2D2	32	2597702	adapter B card 21ED	
19A0	Drive A A-A1C2/ A-A2C2	50	2597702	adapter A card 21ED	Disk Interface Parity Check.
	F-A1A2	40	1616312	Digital card 21ED	
	Drive B A-A1D2/ A-A2D2	50	2597702	adapter B card 21ED	
	G-A1A2	40	1616312	Digital card 21ED	
19A1	Drive A F-B1A3	40	4044272	Analog card 21ED	Card Unsafe.
	F-A1A2	30	1616312	Digital card 21ED	
	F-C1A1	15	1616814	Driver card 21ED	
	DE	10	1616699	Disk Enclosure 21ED	
	Drive B G-B1A3	40	4044272	Analog card 21ED	
	G-A1A2	30	1616312	Digital card 21ED	
	G-C1A1	15	1616814	Driver card 21ED	
	DE	10	1616699	Disk Enclosure 21ED	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
19A2	Drive A F-A1A2 F-B1A3 A-A1C2/ A-A2C2 F-C1A1 DE Drive B G-A1A2 G-B1A3 A-A1D2/ A-A2D2 G-C1A1 DE	40 30 20 5 1 40 30 20 5 1	1616312 4044272 2597702 1616814 1616699 1616312 4044272 2597702 1616814 1616699	Digital card 21ED Analog card 21ED adapter A card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Driver card 21ED Disk Enclosure 21ED	DE Unsafe.
19A3	Drive A A-A1C2/ A-A2C2 F-A1A2 F-B1A3 Drive B A-A1D2/ A-A2D2 G-A1A2 G-B1A3	40 30 20 40 30 20	2597702 1616312 4044272 2597702 1616312 4044272	adapter A card 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Digital card 21ED Analog card 21ED	Operation Unsafe.
19A4	Drive A F-A1A2 F-B1A3 A-A1C2/ A-A2C2 F-C1A1 DE Drive B G-A1A2 G-B1A3 A-A1D2/ A-A2D2 G-C1A1 DE	40 30 20 5 1 40 30 20 5 1	1616312 4044272 2597702 1616814 1616699 1616312 4044272 2597702 1616814 1616699	Digital card 21ED Analog card 21ED adapter A card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Driver card 21ED Disk Enclosure 21ED	Seek Unsafe.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
19A5	Drive A				Sync Unsafe		
	F-A1A2	50	1616312	Digital card 21ED			
	F-C1A1	40	1616814	Driver card 21ED			
	Drive B						
	G-A1A2	50	1616312	Digital card 21ED			
	G-C1A1	40	1616814	Driver card 21ED			
19A6	Drive A				Sync Unsafe.		
	F-A1A2	40	1616312	Digital card 21ED			
	F-B1A3	30	4044272	Analog card 21ED			
	A-A1C2/ A-A2C2	20	2597702	adapter A card 21ED			
	F-C1A1	5	1616814	Driver card 21ED			
	DE	1	1616699	Disk Enclosure 21ED			
	Drive B						
	G-A1A2	40	1616312	Digital card 21ED			
	G-B1A3	30	4044272	Analog card 21ED			
	A-A1D2/ A-A2D2	20	2597702	adapter B card 21ED			
	G-C1A1	5	1616814	Driver card 21ED			
	DE	1	1616699	Disk Enclosure 21ED			
	19A7	Drive A					Servo Unsafe.
		F-B1A3	40	4044272		Analog card 21ED	
F-A1A2		30	1616312	Digital card 21ED			
F-C1A1		15	1616814	Driver card 21ED			
DE		10	1616699	Disk Enclosure 21ED			
Drive B							
G-B1A3		45	4044272	Analog card 21ED			
G-A1A2		30	1616312	Digital card 21ED			
G-C1A1		15	1616814	Driver card 21ED			
DE		10	1616699	Disk Enclosure 21ED			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
19A8	Drive A F-A1A2 F-C1A1 DE Drive B G-A1A2 G-C1A1 DE	40 30 25 40 30 25	1616312 1616814 1616699 1616312 1616814 1616699	Digital card 21ED Driver card 21ED Disk Enclosure 21ED Digital card 21ED Driver card 21ED Disk Enclosure 21ED	Motor/Proc Unsafe.
19A9	Drive A A-A1E2/ A-A2E2 A-A1C2/ A-A2C2 Drive B A-A1E2/ A-A2E2 A-A1D2/ A-A2D2	50 40 50 40	2462228 2597702 2462228 2597702	Data stor adapter 1 cd adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED	Interrupt Timeout Check.
19AA	A-A1E2/ A-A2E2	90	2462228	Data stor adapter 1 cd	Cycle Steal Address Check.
19Ab	Drive A A-A1E2/ A-A2E2 A-A1C2/ A-A2C2 Drive B A-A1E2/ A-A2E2 A-A1D2/ A-A2D2	50 40 50 40	2462228 2597702 2462228 2597702	Data stor adapter 1 cd adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED	Command Parity Check.
19AC	A-A1E2/ A-A2E2	90	2462228	Data stor adapter 1 cd	Cycle Steal Parity Check.
19Ad	A-A1E2/ A-A2E2	90	2462228	Data stor adapter 1 cd	DSA Buffer Write Check.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
19AE	Drive A A-A1C2/ A-A2C2	50	2597702	adapter A card 21ED	Interface Timeout.
	A-A1E2/ A-A2E2	40	2462228	Data stor adapter 1 cd	
	Drive B A-A1D2/ A-A2D2	50	2597702	adapter B card 21ED	
	A-A1E2/ A-A2E2	40	2462228	Data stor adapter 1 cd	
19AF	Drive A A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	DSA Data Bus Parity Check.
	A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	
	Drive B A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	
	A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
19b0	Drive A A-A1C2/ A-A2C2	40	2597702	adapter A card 21ED	Data Overrun Check.
	F-A1A2	30	1616312	Digital card 21ED	
	A-A1E2/ A-A2E2	20	2462228	Data stor adapter 1 cd	
	Drive B A-A1D2/ A-A2D2	40	2597702	adapter B card 21ED	
	G-A1A2	30	1616312	Digital card 21ED	
	A-A1E2/ A-A2E2	20	2462228	Data stor adapter 1 cd	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
19b1	Drive A A-A1C2/ A-A2C2 F-B1A3 F-C1A1 DE Drive B A-A1D2/ A-A2D2 G-B1A3 G-C1A1 DE	50 30 10 1 50 30 10 1	2597702 4044272 1616814 1616699 2597702 4044272 1616814 1616699	adapter A card 21ED Analog card 21ED Driver card 21ED Disk Enclosure 21ED adapter B card 21ED Analog card 21ED Driver card 21ED Disk Enclosure 21ED	CRC/ECC Check.  Run "BUILD" procedure first. If problem persists, replace FRU.
19b2	Drive A A-A1C2/ A-A2C2 F-B1A3 F-C1A1 DE Drive B A-A1D2/ A-A2D2 G-B1A3 G-C1A1 DE	50 30 10 1 50 30 10 1	2597702 4044272 1616814 1616699 2597702 4044272 1616814 1616699	adapter A card 21ED Analog card 21ED Driver card 21ED Disk Enclosure 21ED adapter B card 21ED Analog card 21ED Driver card 21ED Disk Enclosure 21ED	No Record Found.  Run "BUILD" procedure first. If problem persists, replace FRU.
19b3	Drive A A-A1C2/ A-A2C2 A-A1E2/ A-A2E2 Drive B A-A1D2/ A-A2D2 A-A1E2/ A-A2E2	50 40 50 40	2597702 2462228 2597702 2462228	adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED Data stor adapter 1 cd	Command Cycle Parity Check.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
19b4	Drive A A-A1C2/ A-A2C2 F-A1A2 F-B1A2 Drive B A-A1D2/ A-A2D2 G-A1A2 G-B1A2	40 30 20 40 30 20	2597702 1616312 2597702 1616312	adapter A card 21ED Digital card 21ED adapter B card 21ED Digital card 21ED	Cable Continuity Check.
19b5	Drive A A-A1E2/ A-A2E2 A-A1C2/ A-A2C2 Drive B A-A1E2/ A-A2E2 A-A1D2/ A-A2D2	50 40 50 40	2462228 2597702 2462228 2597702	Data stor adapter 1 cd adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED	Data Cycle Parity Check.
19b6	Drive A A-A1C2/ A-A2C2 Drive B A-A1D2/ A-A2D2	40 40 40	2597702 2597702	adapter A card 21ED adapter B card 21ED	Sync Not Found Check. Run "BUILD" procedure first. If problem persists, replace FRU.
19b7	Drive A A-A1C2/ A-A2C2 F-A1A2 F-B1A3 Drive B A-A1D2/ A-A2D2 G-A1A2 G-B1A3	40 30 20 40 30 20	2597702 1616312 4044272 2597702 1616312 4044272	adapter A card 21ED Digital card 21ED Analog card 21ED adapter B card 21ED Digital card 21ED Analog card 21ED	Disk Write Data Check.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
19b8	Drive A A-A1C2/ A-A2C2 A-A1E2/ A-A2E2 Drive B A-A1D2/ A-A2D2 A-A1E2/ A-A2E2	50 40 50 40	2597702 2462228 2597702 2462228	adapter A card 21ED Data stor adapter 1 cd adapter B card 21ED Data stor adapter 1 cd	Command Reject.
19b9	Drive A F-A1A2 F-B1A3 Drive B G-A1A2 G-B1A3	50 40 50 40	1616312 4044272 1616312 4044272	Digital card 21ED Analog card 21ED Digital card 21ED Analog card 21ED	Data Cycle Underrun Check.
19bA	Drive A A-A1C2/ A-A2C2 F-A1A2 Drive B A-A1D2/ A-A2D2 G-A1A2	50 40 50 40	2597702 1616312 2597702 1616312	adapter A card 21ED Digital card 21ED adapter B card 21ED Digital card 21ED	
19FF					Undetermined error. Run disk MDIs against failing drive to determine.
1A01	A-A2E2 Channel A-A2J2	70 20 5	2462228 4237136 2597763 2597727	Data stor adapter 1 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card	DSA-1 or Channel error.
1A02	A-A2C2 A-A2E2	60 30	2437374 2462228	adapter A card 10SR Data stor adapter 1 cd	Run MDIs against Drive A. DSA-1 / Adapter (Dr A) error

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A03	A-A2D2 A-A2E2	60 30	2437374 2462228	adapter B card 10SR Data stor adapter 1 cd	Run MDIs against Drive B. DSA-1 / Adapter (Dr B) error
1A04	A-A2C4 A-A2E2	60 30	2437374 2462228	adapter C card 10SR Data stor adapter 1 cd	Run MDIs against Drive C. DSA-1 / Adapter (Dr C) error
1A05	A-A2D4 A-A2E2	60 30	2437374 2462228	adapter D card 10SR Data stor adapter 1 cd	Run MDIs against Drive D. DSA-1 / Adapter (Dr D) error
1A06	A A2E2 Channel A-A2J2	40 40 1	2462228 4237136 2597763 2597727	Data stor adapter 1 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card	DSA-1 / Channel error.
1A08					Go to MAP 9700, A. Invalid Disk interrupt caused error.
1A0A	A-A2C2 Disk A		2437374	adapter A card 10SR	Run MDIs against Drive A. Adapter / 10SR CSA error
1A0b	A-A2D2 Disk B		2437374	adapter B card 10SR	Run MDIs against Drive B. Adapter / 10SR CSA error
1A0C	A-A2C4 Disk C		2437374	adapter C card 10SR	Run MDIs against Drive C. Adapter / 10SR CSA error
1A0d	A-A2D4 Disk D		2437374	adapter D card 10SR	Run MDIs against Drive D. Adapter / 10SR CSA error
1A0E					Permanent ECC check, sector reassigned to new sector. Customer may need to run "BUILD" Utility.
1A10	A-A2E2 Channel A-A2J2	57 42 1	2462228 4237136 2597763 2597727	Data stor adapter 1 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card	Permanent error occurred.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A11	Drive A				Permanent error occurred.
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	Channel	38			
	A-A2C2	1	2437374	adapter A card 10SR	
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive B				
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	Channel	38			
	A-A2D2	1	2437374	adapter B card 10SR	
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive C				
	A-A2E2	59	2462228	Data stor adapter 1 cd	
Channel	38				
A-A2C4	1	2437374	adapter C card 10SR		
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	59	2462228	Data stor adapter 1 cd		
Channel	38				
A-A2D4	1	2437374	adapter D card 10SR		
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A13	Drive A				Permanent error occurred.
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	A-A2C2	38	2437374	adapter A card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	F-A1B2	1	2439875	Access Control card	
	Drive B				
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	A-A2D2	38	2437374	adapter B card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive C				
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	A-A2C4	38	2437374	adapter C card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	59	2462228	Data stor adapter 1 cd		
A-A2D4	38	2437374	adapter D card 10SR		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A14	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2E2	56	2462228	Data stor adapter 1 cd	
	A-A2C2	39	2437374	adapter A card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A3	1	8636632	cable	
	Drive B				
	A-A2E2	56	2462228	Data stor adapter 1 cd	
	A-A2D2	39	2437374	adapter B card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	G-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A3	1	8636632	cable	
	Drive C				
	A-A2E2	56	2462228	Data stor adapter 1 cd	
A-A2C4	39	2437374	adapter C card 10SR		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
F-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1A3	1	8636632	cable		
Drive D					
A-A2E2	56	2462228	Data stor adapter 1 cd		
A-A2D4	39	2437374	adapter D card 10SR		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
G-A1C2	1	1615631	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A15	Drive A				Permanent error occurred. Error was one of the following: * Cycle Steal Address Check * Command Parity Check * Cycle Steal Parity Check * DSA Buffer Write Check * Interface Time-out * DSA Data Bus Parity Check * Data Cycle Underrun Check * Data Cycle Overrun Check * Command Cycle Parity Check See MIM 97-508 for additional information on these errors.
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2C2	42	2437374	adapter A card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive B				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2D2	42	2437374	adapter B card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive C				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2C4	42	2437374	adapter C card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	48	2462228	Data stor adapter 1 cd		
A-A2D4	42	2437374	adapter D card 10SR		
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A16	Drive A				Permanent error occurred.  Error was one of the following: <ul style="list-style-type: none"> <li>* Data Overrun Check</li> <li>* Command Error</li> <li>* Command Reject</li> <li>* Device Busy</li> <li>* Disk Not Ready</li> <li>* Cable Continuity Error</li> <li>* Disk Access Time-out</li> <li>* No Control Sample Received</li> <li>* Disk Sense Parity Check</li> <li>* Disk Interrupt Check</li> <li>* Servo Interrupt</li> <li>- Guard band 2</li> </ul> See MIM 97-508/97-518 for additional information on these errors.
	1F-A1B2	34	1615583	Access Control card	
	A-A2C2	22	2437374	adapter A card 10SR	
	1F-A1A4	16	8636632	cable	
	1F-A1A5	16	1615662	Terminator card	
	1F-A1C2	5	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	1F-A1A3	4	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive B				
	1G-A1B2	34	1615583	Access Control card	
	A-A2D2	22	2437374	adapter B card 10SR	
	1G-A1A4	16	8636632	cable	
	1G-A1A5	16	1615662	Terminator card	
	1G-A1C2	5	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1A3	4	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive C				
	2F-A1B2	34	1615583	Access Control card	
	A-A2C4	22	2437374	adapter C card 10SR	
	2F-A1A4	16	8636632	cable	
	2F-A1A5	16	1615662	Terminator card	
	2F-A1C2	5	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	2F-A1A3	4	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive D				
	2G-A1B2	34	1615583	Access Control card	
A-A2D4	22	2437374	adapter D card 10SR		
2G-A1A4	16	8636632	cable		
2G-A1A5	16	1615662	Terminator card		
2G-A1C2	5	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
2G-A1A3	4	8636632	cable		
A-A2E2	1	2462228	Data stor adapter 1 cd		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A17	Drive A				Permanent error occurred.  Error was one of the following: • Data Unsafe - Write and servo off track - Write active and not in data field - Write and read both active - Write active and AE select error - Write active and AE Unsafe (See MIM 97-518)
	1F-A1C2	46	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	A-A2C2	21	2437374	adapter A card 10SR	
	1F-A1A3	21	8636632	cable	
	1F-A1B2	12	1615583	Access Control card	
	1F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive B				
	1G-A1C2	46	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	A-A2D2	21	2437374	adapter B card 10SR	
	1G-A1A3	21	8636632	cable	
	1G-A1B2	12	1615583	Access Control card	
	1G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive C				
	2F-A1C2	46	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	A-A2C4	21	2437374	adapter C card 10SR	
	2F-A1A3	21	8636632	cable	
	2F-A1B2	12	1615583	Access Control card	
	2F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive D				
	2G-A1C2	46	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	A-A2D4	21	2437374	adapter D card 10SR	
	2G-A1A3	21	8636632	cable	
2G-A1B2	12	1615583	Access Control card		
2G-A1D2	1	5811834	Servo card 10SR		
		5811890	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A19	Drive A				Permanent error occurred.  Error detected was: * Unseated card or cable  Corrective Action: Reseat all 10SR CSA cards and cables.  "HDA" - Head/Disk Asm
	1F-A1B2	30	1615583	Access Control card	
	1F-A1C2	27	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	1F-A1D2	5	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1F-A1E2	5	1615508	cable	
	1F-A1E5	5	1615509	cable	
	1F-W1B1	5	2439838	Data channel card	
	1F-HDA	5	1615600	Head Disk asm 10SR	
	A-A2C2	1	2437374	adapter A card 10SR	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive B				
	1G-A1B2	30	1615583	Access Control card	
	1G-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1D2	5	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1G-A1E2	5	1615508	cable	
	1G-A1E5	5	1615509	cable	
	1G-W1B1	5	2439838	Data channel card	
	1G-HDA	5	1615600	Head Disk asm 10SR	
	A-A2D2	1	2437374	adapter B card 10SR	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive C				
	2F-A1B2	30	1615583	Access Control card	
2F-A1C2	27	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
2F-A1D2	5	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
2F-A1E2	5	1615508	cable		
2F-A1E5	5	1615509	cable		
2F-W1B1	5	2439838	Data channel card		
2F-HDA	5	1615600	Head Disk asm 10SR		
A-A2C4	1	2437374	adapter C card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SEVICE COMMENTS
1A1A	Drive A				Permanent error occurred.  Error was one of the following: * Data Unsafe - Write and not ready both active - Write not active and AE unsafe with an AE selected * Servo Interrupt - (Not) Power Good - Disk speed / VCO check  (See MIM 97-518)
	1F-A1C2	43	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	1F-A1B2	42	1615583	Access Control card	
	1F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1F-A1E2	1	1615508	cable	
	1F-A1E5	1	1615509	cable	
	1F-W1B1	1	2439838	Data channel card	
	1F-HDA	1	1615600	Head Disk asm 10SR	
	Drive B				
	1G-A1C2	43	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1B2	42	1615583	Access Control card	
	1G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1G-A1E2	1	1615508	cable	
	1G-A1E5	1	1615509	cable	
	1G-W1B1	1	2439838	Data channel card	
	1G-HDA	1	1615600	Head Disk asm 10SR	
	Drive C				
	2F-A1C2	43	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	2F-A1B2	42	1615583	Access Control card	
	2F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	2F-A1E2	1	1615508	cable	
2F-A1E5	1	1615509	cable		
2F-W1B1	1	2439838	Data channel card		
2F-HDA	1	1615600	Head Disk asm 10SR		
Drive D					
2G-A1C2	43	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
2G-A1B2	42	1615583	Access Control card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A1b	Drive A				Permanent error occurred.  Error was one of the following:  * Sector Check * Disk Write Data Check * Servo Interrupt - Servo off track - Unexpected guard band - Seek time-out - PLO out of sync  See MIM 97-508/97-518 for additional information on these errors. "HDA" - Head/Disk Asm "VCM" - VCM Driver Asm	
	1F-A1D2	34	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	1F-A1B2	28	1615583	Access Control card		
	1F-A1C2	26	1615631	Data Converter card		
				1615631		Data Converter card
				1615339		Data Converter card
	1F-W1B1	1	2439838	Data channel card		
	1F-A1E5	1	1615509	cable		
	1F-HDA	1	1615600	Head Disk asm 10SR		
	1F-VCM	1	5811836	VCM Drive assembly		
	Drive B					
	1G-A1D2	34	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	1G-A1B2	28	1615583	Access Control card		
	1G-A1C2	26	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	1G-W1B1	1	2439838	Data channel card		
	1G-A1E5	1	1615509	cable		
	1G-HDA	1	1615600	Head Disk asm 10SR		
	1G-VCM	1	5811836	VCM Drive assembly		
	Drive C					
	2F-A1D2	34	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
2F-A1B2	28	1615583	Access Control card			
2F-A1C2	26	1615631	Data Converter card			
			1615632	Data Converter card		
			1615339	Data Converter card		
2F-W1B1	1	2439838	Data channel card			
2F-A1E5	1	1615509	cable			
2F-HDA	1	1615600	Head Disk asm 10SR			
2F-VCM	1	5811836	VCM Drive assembly			
Drive D						
2G-A1D2	34	5811834	Servo card 10SR			
			5811890	Servo card 10SR		
			1615367	Servo card 10SR		
2G-A1B2	28	1615583	Access Control card			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A1C	Drive A				Permanent error occurred.  Error was one of the following: * Disk Format Check * Data Unsafe - AE unsafe without an AE selected See MIM 97-508/97-518 for additional information on these errors.  "HDA" - Head/disk Asm
	1F-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1F-HDA	16	1615600	Head Disk asm 10SR	
	1F-A1E2	15	1615508	cable	
	1F-A1A3	12	8636632	cable	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1B2	1	1615583	Access Control card	
	1F-W1B1	1	2439838	Data channel card	
	Drive B				
	1G-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-HDA	16	1615600	Head Disk asm 10SR	
	1G-A1E2	15	1615508	cable	
	1G-A1A3	12	8636632	cable	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1B2	1	1615583	Access Control card	
	1G-W1B1	1	2439838	Data channel card	
	Drive C				
	2F-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	2F-HDA	16	1615600	Head Disk asm 10SR	
	2F-A1E2	15	1615508	cable	
	2F-A1A3	12	8636632	cable	
	A-A2C4	1	2437374	adapter C card 10SR	
	2F-A1B2	1	1615583	Access Control card	
	2F-W1B1	1	2439838	Data channel card	
	Drive D				
	2G-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	2G-HDA	16	1615600	Head Disk asm 10SR	
	2G-A1E2	15	1615508	cable	
2G-A1A3	12	8636632	cable		
A-A2D4	1	2437374	adapter D card 10SR		
2G-A1B2	1	1615583	Access Control card		
2G-W1B1	1	2439838	Data channel card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A1F	Drive A Media	30			Permanent error occurred.  Error was one of the following: * Sync Not Found Check * CRC/ECC Check * No Record Found Check  See MIM 97-508 for additional information on these errors. "HDA" - Head/Disk Asm "Media" - Bad data  Corrective Action: Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA.
	1F-A1C2	20	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1F-A1B2	10	1615583	Access Control card	
	1F-HDA	1	1615600	Head Disk asm 10SR	
	1F-A1E2	1	1615508	cable	
	1F-W1B1	1	2439838	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1F-A1A3	1	8636632	cable	
	Drive B Media	30			
	1G-A1C2	20	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1B2	10	1615583	Access Control card	
	1G-HDA	1	1615600	Head Disk asm 10SR	
	1G-A1E2	1	1615508	cable	
	1G-W1B1	1	2439838	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1G-A1A3	1	8636632	cable	
	Drive C Media	30			
	2F-A1C2	20	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
2F-A1B2	10	1615583	Access Control card		
2F-HDA	1	1615600	Head Disk asm 10SR		
2F-A1E2	1	1615508	cable		
2F-W1B1	1	2439838	Data channel card		
A-A2C4	1	2437374	adapter C card 10SR		
2F-A1D2	1	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A20	Drive A A-A2E2 A-A2C2 Drive B A-A2E2 A-A2D2 Drive C A-A2E2 A-A2C4 Drive D A-A2E2 A-A2D4	56 43 56 43 56 43 56 43	2462228 2437374 2462228 2437374 2462228 2437374 2462228 2437374	Data stor adapter 1 cd adapter A card 10SR Data stor adapter 1 cd adapter B card 10SR Data stor adapter 1 cd adapter C card 10SR Data stor adapter 1 cd adapter D card 10SR	Permanent error occurred.
1A21	A-A2E2		2462228	Data stor adapter 1 cd	Permanent error occurred.
1A22	Drive A A-A2E2 A-A2C2 F-A1B2 F-A1A3 Drive B A-A2E2 A-A2D2 G-A1B2 G-A1A3 Drive C A-A2E2 A-A2C4 F-A1B2 F-A1A3 Drive D A-A2E2 A-A2D4 G-A1B2 G-A1A3	49 37 10 1 49 37 10 1 49 37 10 1 49 37 10 1	2462228 2437374 2439875 8636632 2462228 2437374 2439875 8636632 2462228 2437374 2439875 8636632 2462228 2437374 2439875 8636632	Data stor adapter 1 cd adapter A card 10SR Access Control card cable Data stor adapter 1 cd adapter B card 10SR Access Control card cable Data stor adapter 1 cd adapter C card 10SR Access Control card cable Data stor adapter 1 cd adapter D card 10SR Access Control card cable	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A24	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2E2	60	2462228	Data stor adapter 1 cd	
	A-A2C2	32	2437374	adapter A card 10SR	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A3	1	8636632	cable	
	Channel	1			
	F-A1B2	1	2439875	Access Control card	
	Drive B				
	A-A2E2	60	2462228	Data stor adapter 1 cd	
	A-A2D2	32	2437374	adapter B card 10SR	
	G-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A3	1	8636632	cable	
	Channel	1			
	G-A1B2	1	2439875	Access Control card	
	Drive C				
	A-A2E2	60	2462228	Data stor adapter 1 cd	
	A-A2C4	32	2437374	adapter C card 10SR	
F-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1A3	1	8636632	cable		
Channel	1				
F-A1B2	1	2439875	Access Control card		
Drive D					
A-A2E2	60	2462228	Data stor adapter 1 cd		
A-A2D4	32	2437374	adapter D card 10SR		
G-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1A3	1	8636632	cable		
Channel	1				
G-A1B2	1	2439875	Access Control card		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A25	Drive A				Permanent error occurred Error was one of the following: * Cycle Steal Address Check * Command Parity Check * Cycle Steal Parity Check * DSA Buffer Write Check * Interface Time-out * DSA Data Bus Parity Check * Data Cycle Underrun Check * Data Cycle Overrun Check * Command Cycle Parity Check See MIM 97-508 for additional information on these errors.
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2C2	42	2437374	adapter A card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive B				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2D2	42	2437374	adapter B card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive C				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2C4	42	2437374	adapter C card 10SR	
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	48	2462228	Data stor adapter 1 cd		
A-A2D4	42	2437374	adapter D card 10SR		
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A26	Drive A				Permanent error occurred.  Error was one of the following: * Data Overrun Check * Command Error * Command Reject * Device Busy * Disk Not Ready * Cable Continuity Error * Disk Access Time-out * No Control Sample Received * Disk Sense Parity Check * Disk Interrupt Check * Servo Interrupt - Guard band 2 See MIM 97-508/97-518 for additional information on these errors.
	1F-A1B2	34	6493738	Access Control card	
	A-A2C2	22	2437374	adapter A card 10SR	
	1F-A1A4	16	8636632	cable	
	1F-A1A5	16	1615662	Terminator card	
	1F-A1C2	5	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-A1A3	4	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive B				
	1G-A1B2	34	6493738	Access Control card	
	A-A2D2	22	2437374	adapter B card 10SR	
	1G-A1A4	16	8636632	cable	
	1G-A1A5	16	1615662	Terminator card	
	1G-A1C2	5	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-A1A3	4	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive C				
	2F-A1B2	34	6493738	Access Control card	
	A-A2C4	22	2437374	adapter C card 10SR	
	2F-A1A4	16	8636632	cable	
	2F-A1A5	16	1615662	Terminator card	
	2F-A1C2	5	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-A1A3	4	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive D				
	2G-A1B2	34	6493738	Access Control card	
	A-A2D4	22	2437374	adapter D card 10SR	
	2G-A1A4	16	8636632	cable	
	2G-A1A5	16	1615662	Terminator card	
2G-A1C2	5	6493724	Data Converter card		
		6493735	Data Converter card		
2G-A1A3	4	8636632	cable		
A-A2E2	1	2462228	Data stor adapter 1 cd		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A27	Drive A				Permanent error occurred.  Error was one of the following: * Data Unsafe - Write and servo off track - Write active and not in data field - Write and read both active - Write active and AE select error - Write active and AE Unsafe (See MIM 97-518)
	1F-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2C2	21	2437374	adapter A card 10SR	
	1F-A1A3	21	8636632	cable	
	1F-A1B2	12	6493738	Access Control card	
	1F-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	Drive B				
	1G-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2D2	21	2437374	adapter B card 10SR	
	1G-A1A3	21	8636632	cable	
	1G-A1B2	12	6493738	Access Control card	
	1G-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	Drive C				
	2F-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2C4	21	2437374	adapter C card 10SR	
	2F-A1A3	21	8636632	cable	
	2F-A1B2	12	6493738	Access Control card	
	2F-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	Drive D				
	2G-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
A-A2D4	21	2437374	adapter D card 10SR		
2G-A1A3	21	8636632	cable		
2G-A1B2	12	6493738	Access Control card		
2G-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A29	Drive A				Permanent error occurred.  Error detected was: * Unseated card or cable  Corrective Action: Reseat all 10SR CSA cards and cables  "HDA" - Head/Disk Asm	
	1F-A1B2	30	6493738	Access Control card		
	1F-A1C2	27	6493724	Data Converter card		
				6493735		Data Converter card
	1F-A1D2	5	6493726	Servo card 10SR-2		
				6493737		Servo card 10SR-2
	1F-A1E2	5	1615508	cable		
	1F-A1E5	5	1615509	cable		
	1F-W1B1	5	6493732	Data channel card		
	1F-HDA	5	6493600	Head Disk asm 10SR-2		
	A-A2C2	1	2437374	adapter A card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive B					
	1G-A1B2	30	6493738	Access Control card		
	1G-A1C2	27	6493724	Data Converter card		
				6493735		Data Converter card
	1G-A1D2	5	6493726	Servo card 10SR-2		
				6493737		Servo card 10SR-2
	1G-A1E2	5	1615508	cable		
	1G-A1E5	5	1615509	cable		
	1G-W1B1	5	6493732	Data channel card		
	1G-HDA	5	6493600	Head Disk asm 10SR-2		
	A-A2D2	1	2437374	adapter B card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive C					
	2F-A1B2	30	6493738	Access Control card		
	2F-A1C2	27	6493724	Data Converter card		
				6493735		Data Converter card
	2F-A1D2	5	6493726	Servo card 10SR-2		
				6493737		Servo card 10SR-2
	2F-A1E2	5	1615508	cable		
	2F-A1E5	5	1615509	cable		
2F-W1B1	5	6493732	Data channel card			
2F-HDA	5	6493600	Head Disk asm 10SR-2			
A-A2C4	1	2437374	adapter C card 10SR			
A-A2E2	1	2462228	Data stor adapter 1 cd			
Drive D						
2G-A1B2	30	6493738	Access Control card			
2G-A1C2	27	6493724	Data Converter card			
			6493735	Data Converter card		
2G-A1D2	5	6493726	Servo card 10SR-2			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A2A	Drive A				Permanent error occurred  Error was one of the following: * Data Unsafe - Write and not ready both active - Write not active and AE unsafe with an AE selected * Servo Interrupt - (Not) Power Good - Disk speed / VCO check  (See MIM 97-518)
	1F-A1C2	43	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-A1B2	42	6493738	Access Control card	
	1F-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1F-A1E2	1	1615508	cable	
	1F-A1E5	1	1615509	cable	
	1F-W1B1	1	6493732	Data channel card	
	1F-HDA	1	6493600	Head Disk asm 10SR-2	
	Drive B				
	1G-A1C2	43	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-A1B2	42	6493738	Access Control card	
	1G-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1G-A1E2	1	1615508	cable	
	1G-A1E5	1	1615509	cable	
	1G-W1B1	1	6493732	Data channel card	
	1G-HDA	1	6493600	Head Disk asm 10SR-2	
	Drive C				
	2F-A1C2	43	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-A1B2	42	6493738	Access Control card	
	2F-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	2F-A1E2	1	1615508	cable	
	2F-A1E5	1	1615509	cable	
	2F-W1B1	1	6493732	Data channel card	
	2F-HDA	1	6493600	Head Disk asm 10SR-2	
	Drive D				
	2G-A1C2	43	6493724	Data Converter card	
		6493735	Data Converter card		
2G-A1B2	42	6493738	Access Control card		
2G-A1D2	1	6493726	Servo card 10SR-2		
		6493737	Servo card 10SR-2		
2G-A1E2	1	1615508	cable		
2G-A1E5	1	1615509	cable		
2G-W1B1	1	6493732	Data channel card		
2G-HDA	1	6493600	Head Disk asm 10SR-2		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A2b	Drive A				Permanent error occurred.  Error was one of the following:  * Sector Check * Disk Write Data Check * Servo Interrupt - Servo off track - Unexpected guard band - Seek time-out - PLO out of sync  See MIM 97-508/97-518 for additional information on these errors. "HDA" - Head/Disk Asm "VCM" - VCM Driver Asm
	1F-A1D2	34	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1F-A1B2	28	6493738	Access Control card	
	1F-A1C2	26	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-W1B1	1	6493732	Data channel card	
	1F-A1E5	1	1615509	cable	
	1F-HDA	1	6493600	Head Disk asm 10SR-2	
	1F-VCM	1	5811836	VCM Drive assembly	
	Drive B				
	1G-A1D2	34	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1G-A1B2	28	6493738	Access Control card	
	1G-A1C2	26	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-W1B1	1	6493732	Data channel card	
	1G-A1E5	1	1615509	cable	
	1G-HDA	1	6493600	Head Disk asm 10SR-2	
	1G-VCM	1	5811835	VCM Drive assembly	
	Drive C				
	2F-A1D2	34	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	2F-A1B2	28	6493738	Access Control card	
	2F-A1C2	26	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-W1B1	1	6493732	Data channel card	
	2F-A1E5	1	1615509	cable	
	2F-HDA	1	6493600	Head Disk asm 10SR-2	
	2F-VCM	1	5811836	VCM Drive assembly	
	Drive D				
	2G-A1D2	34	6493726	Servo card 10SR-2	
		6493737	Servo card 10SR-2		
2G-A1B2	28	6493738	Access Control card		
2G-A1C2	26	6493724	Data Converter card		
		6493735	Data Converter card		
2G-W1B1	1	6493732	Data channel card		
2G-A1E5	1	1615509	cable		
2G-HDA	1	6493600	Head Disk asm 10SR-2		
2G-VCM	1	5811836	VCM Drive assembly		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A2C	Drive A				Permanent error occurred.  Error was one of the following: * Disk Format Check * Data Unsafe - AE unsafe without an AE selected See MIM 97-508/97-518 for additional information on these errors.  "HDA" - Head/disk Asm
	1F-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-HDA	16	6493600	Head Disk asm 10SR-2	
	1F-A1E2	15	1615508	cable	
	1F-A1A3	12	8636632	cable	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1B2	1	6493738	Access Control card	
	1F-W1B1	1	6493732	Data channel card	
	Drive B				
	1G-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-HDA	16	6493600	Head Disk asm 10SR-2	
	1G-A1E2	15	1615508	cable	
	1G-A1A3	12	8636632	cable	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1B2	1	6493738	Access Control card	
	1G-W1B1	1	6493732	Data channel card	
	Drive C				
	2F-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-HDA	16	6493600	Head Disk asm 10SR-2	
	2F-A1E2	15	1615508	cable	
	2F-A1A3	12	8636632	cable	
	A-A2C4	1	2437374	adapter C card 10SR	
	2F-A1B2	1	6493738	Access Control card	
	2F-W1B1	1	6493732	Data channel card	
	Drive D				
	2G-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	2G-HDA	16	6493600	Head Disk asm 10SR-2	
	2G-A1E2	15	1615508	cable	
2G-A1A3	12	8636632	cable		
A-A2D4	1	2437374	adapter D card 10SR		
2G-A1B2	1	6493738	Access Control card		
2G-W1B1	1	6493732	Data channel card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A2F	Drive A Media	30			Permanent error occurred.  Error was one of the following: * Sync Not Found Check * CRC/ECC Check * No Record Found Check  See MIM 97-508 for additional information on these errors. "HDA" - Head/Disk Asm "Media" - Bad data  Corrective Action: Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA.
	1F-A1C2	20	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-A1B2	10	6493738	Access Control card	
	1F-HDA	1	6493600	Head Disk asm 10SR-2	
	1F-A1E2	1	1615508	cable	
	1F-W1B1	1	6493732	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1F-A1A3	1	8636632	cable	
	Drive B Media	30			
	1G-A1C2	20	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-A1B2	10	6493738	Access Control card	
	1G-HDA	1	6493600	Head Disk asm 10SR-2	
	1G-A1E2	1	1615508	cable	
	1G-W1B1	1	6493732	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1G-A1A3	1	8636632	cable	
	Drive C Media	30			
	2F-A1C2	20	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-A1B2	10	6493738	Access Control card	
	2F-HDA	1	6493600	Head Disk asm 10SR-2	
	2F-A1E2	1	1615508	cable	
	2F-W1B1	1	6493732	Data channel card	
	A-A2C4	1	2437374	adapter C card 10SR	
2F-A1D2	1	6493726	Servo card 10SR-2		
		6493737	Servo card 10SR-2		
2F-A1A3	1	8636632	cable		
Drive D Media	30				
2G-A1C2	20	6493724	Data Converter card		
		6493735	Data Converter card		
2G-A1B2	10	6493738	Access Control card		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A30	Drive A				Permanent error occurred. "Cable continuity Check"  Corrective Action: Reseat cards and cables. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	33	2439875	Access Control card	
	A-A2C2	33	2437374	adapter A card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	Drive B				
	G-A1B2	33	2439875	Access Control card	
	A-A2D2	33	2437374	adapter B card 10SR	
	G-A1A3	27	8636632	cable	
	G-A1A4	1	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	Drive C				
	F-A1B2	33	2439875	Access Control card	
	A-A2C4	33	2437374	adapter C card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	Drive D				
	G-A1B2	33	2439875	Access Control card	
A-A2D4	33	2437374	adapter D card 10SR		
G-A1A3	27	8636632	cable		
G-A1A4	1	8636632	cable		
G-A1A5	1	1615662	Terminator card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A32	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2C2	43	2437374	adapter A card 10SR	
	F-A1B2	28	2439875	Access Control card	
	F-A1A4	22	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	Drive B				
	A-A2D2	43	2437374	adapter B card 10SR	
	G-A1B2	28	2439875	Access Control card	
	G-A1A4	22	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-A1A3	1	8636632	cable	
	Drive C				
	A-A2C4	43	2437374	adapter C card 10SR	
	F-A1B2	28	2439875	Access Control card	
	F-A1A4	22	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	Drive D				
	A-A2D4	43	2437374	adapter D card 10SR	
G-A1B2	28	2439875	Access Control card		
G-A1A4	22	8636632	cable		
G-A1A5	1	1615662	Terminator card		
G-A1A3	1	8636632	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A34	Drive A F-A1C2	57	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2C2	29	2437374	adapter A card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	Drive B G-A1C2	57	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D2	29	2437374	adapter B card 10SR	
	G-A1A3	27	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-A1A3	1	8636632	cable	
	Drive C F-A1C2	57	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	A-A2C4	29	2437374	adapter C card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	Drive D G-A1C2	57	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D4	29	2437374	adapter D card 10SR	
	G-A1A3	27	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-A1A3	1	8636632	cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A3A	Drive A				Permanent error occurred. Go to MAP 9700, A. Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.
	F-A1B2	41	2439875	Access Control card	
	A-A2C2	28	2437374	adapter A card 10SR	
	F-A1A4	11	8636632	cable	
	F-A1A5	9	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	F-A1C2	1	1615631	Data Converter card	Drive B G-XXXX card locations are actually 1G-XXXX.
			1615632	Data Converter card	
			1615639	Data Converter card	
	Drive B				
	G-A1B2	41	2439875	Access Control card	
	A-A2D2	28	2437374	adapter B card 10SR	
	G-A1A4	11	8636632	cable	
	G-A1A5	9	1615662	Terminator card	
	G-A1A3	1	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	G-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	Drive C				Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	41	2439875	Access Control card	
	A-A2C4	28	2437374	adapter C card 10SR	
	F-A1A4	11	8636632	cable	
	F-A1A5	9	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	Drive D				
	G-A1B2	41	2439875	Access Control card	
A-A2D4	28	2437374	adapter D card 10SR		
G-A1A4	11	8636632	cable		
G-A1A5	9	1615662	Terminator card		
G-A1A3	1	8636632	cable		
A-A2E2	1	2462228	Data stor adapter 1 cd		
G-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

CONTINUED ON  
FRAME A01  
CARD 03

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A3b	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.	
	F-A1B2	61	2439875	Access Control card		
	F-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615639		Data Converter card
	F-A1D2	6	5811834	Servo card 10SR-1		
				5811890		Servo card 10SR-1
				1615367		Servo card 10SR-1
	A-A2C2	1	2437374	adapter A card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	F-A1A	1	1615662	Terminator card		
	F-A1A4	1	8636632	cable		
	Drive B					
	G-A1B2	61	2439875	Access Control card		
	G-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	G-A1D2	6	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	A-A2D2	1	2437374	adapter B card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	G-A1A5	1	1615662	Terminator card		
	G-A1A4	1	8636632	cable		
	Drive C					
	F-A1B2	61	2439875	Access Control card		
	F-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615639		Data Converter card
	F-A1D2	6	5811834	Servo card 10SR-1		
				5811890		Servo card 10SR-1
				1615367		Servo card 10SR-1
A-A2C4	1	2437374	adapter C card 10SR			
A-A2E2	1	2462228	Data stor adapter 1 cd			
F-A1A5	1	1615662	Terminator card			
F-A1A4	1	8636632	cable			
Drive D						
G-A1B2	61	2439875	Access Control card			
G-A1C2	24	1615631	Data Converter card			
			1615632	Data Converter card		
			1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A3C	Drive A				Permanent error occurred.	
	F-A1B2	37	2439875	Access Control card		
	A-A2C2	25	2437374	adapter A card 10SR	Drive A F-XXXX card	
	F-A1A3	14	8636632	cable	locations are actually	
	F-A1A4	11	8636632	cable	1F-XXXX.	
	F-A1A5	10	1615662	Terminator card		
	F-A1C2	1	1615631	Data Converter card	Drive B G-XXXX card	
				1615632	Data Converter card	locations are actually
				1615639	Data Converter card	1G-XXXX.
	Drive B					
	G-A1B2	37	2439875	Access Control card		
	A-A2D2	25	2437374	adapter B card 10SR	Drive C F-XXXX card	
	G-A1A3	14	8636632	cable	locations are actually	
	G-A1A4	11	8636632	cable	2F-XXXX.	
	G-A1A5	10	1615662	Terminator card		
	G-A1C2	1	1615631	Data Converter card		
				1615632	Data Converter card	
				1615339	Data Converter card	Drive D G-XXXX card
	Drive C					locations are actually
	F-A1B2	37	2439875	Access Control card	2G-XXXX.	
	A-A2C4	25	2437374	adapter C card 10SR		
	F-A1A3	14	8636632	cable		
	F-A1A4	11	8636632	cable		
	F-A1A5	10	1615662	Terminator card		
	F-A1C2	1	1615631	Data Converter card		
				1615632	Data Converter card	
				1615639	Data Converter card	
	Drive D					
G-A1B2	37	2439875	Access Control card			
A-A2D4	25	2437374	adapter D card 10SR			
G-A1A3	14	8636632	cable			
G-A1A4	11	8636632	cable			
G-A1A5	10	1615662	Terminator card			
G-A1C2	1	1615631	Data Converter card			
			1615632	Data Converter card		
			1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A3d	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	64	2439875	Access Control card	
	A-A2C2	13	2437374	adapter A card 10SR	
	F-A1C2	11	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A5	1	1615662	Terminator card	
	F-A1A4	1	8636632	cable	
	F-A1A3	1	8636632	cable	
	Drive B				
	G-A1B2	64	2439875	Access Control card	
	A-A2D2	13	2437374	adapter B card 10SR	
	G-A1C2	11	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A5	1	1615662	Terminator card	
	G-A1A4	1	8636632	cable	
	G-A1A3	1	8636632	cable	
	Drive C				
	F-A1B2	64	2439875	Access Control card	
	A-A2C4	13	2437374	adapter C card 10SR	
	F-A1C2	11	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A5	1	1615662	Terminator card	
	F-A1A4	1	8636632	cable	
	F-A1A3	1	8636632	cable	
	Drive D				
G-A1B2	64	2439875	Access Control card		
A-A2D4	13	2437374	adapter D card 10SR		
G-A1C2	11	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1A5	1	1615662	Terminator card		
G-A1A4	1	8636632	cable		
G-A1A3	1	8636632	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A3E	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.	
	F-A1B2	46	2439875	Access Control card		
	A-A2C2	16	2437374	adapter A card 10SR		
	F-A1C2	15	161531	Data Converter card		
				161532		Data Converter card
				1615639		Data Converter card
	A-A2E2	7	2462228	Data stor adapter 1 cd		
	F-A1A4	1	8636632	cable		
	F-A1A3	1	8636632	cable		
	F-A1A5	1	1615662	Terminator card		
	F-A1D2	1	5811834	Servo card 10SR-1		
				5811890		Servo card 10SR-1
				1615367		Servo card 10SR-1
	Channel	1				
	Drive B					
	G-A1B2	46	2439875	Access Control card		
	A-A2D2	16	2437374	adapter B card 10SR		
	G-A1C2	15	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	A-A2E2	7	2462228	Data stor adapter 1 cd		
	G-A1A4	1	8636632	cable		
	G-A1A3	1	8636632	cable		
	G-A1A5	1	1615662	Terminator card		
	G-A1D2	1	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	Channel	1				
	Drive C					
	F-A1B2	46	2439875	Access Control card		
	A-A2C4	16	2437374	adapter C card 10SP		
	F-A1C2	15	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
A-A2E2	7	2462228	Data stor adapter 1 cd			
F-A1A4	1	8636632	cable			
F-A1A3	1	8636632	cable			
F-A1A5	1	1615662	Terminator card			
F-A1D2	1	5811834	Servo card 10SR-1			
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A40	Drive A				Permanent error occurred.  "Unseated card or cable check" Corrective Action: Reseat all 10SR CSA cards and cables. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.	
	F-A1B2	50	2439875	Access Control card		
	F-A1C2	1	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
	F-A1D2	1	5811834	Servo card 10SR-1		
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
	F-A1E2	1	1615508	cable		
	F-A1E5	1	1615509	cable		
	F-HDA	1	1615600	Head Disk asm 10SR		
	F-W1B1	1	2439838	Data channel card		
	Drive B					Drive C F-XXXX card locations are actually 2F-XXXX.            Drive D G-XXXX card locations are actually 2G-XXXX.
	G-A1B2	50	2439875	Access Control card		
	G-A1C2	1	1615631	Data Converter card		
			1615632	Data Converter card		
			1615339	Data Converter card		
	G-A1D2	1	5811834	Servo card 10SR		
			5811890	Servo card 10SR		
			1615367	Servo card 10SR		
	G-A1E2	1	1615508	cable		
	G-A1E5	1	1615509	cable		
	G-HDA	1	1615600	Head Disk asm 10SR		
	G-W1B1	1	2439838	Data channel card		
	Drive C					
	F-A1B2	50	2439875	Access Control card		
	F-A1C2	1	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
	F-A1D2	1	5811834	Servo card 10SR-1		
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
	F-A1E2	1	1615508	cable		
F-A1E5	1	1615509	cable			
F-HDA	1	1615600	Head Disk asm 10SR			
F-W1B1	1	2439838	Data channel card			
Drive D						
G-A1B2	50	2439875	Access Control card			
G-A1C2	1	1615631	Data Converter card			
		1615632	Data Converter card			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
1A41	Drive A F-A1B2 F-A1E2	98 1	2439875 1615508	Access Control card cable	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.		
	Drive B G-A1B2 G-A1E2	98 1	2439875 1615508	Access Control card cable			
	Drive C F-A1B2 F-A1E2	98 1	2439875 1615508	Access Control card cable			
	Drive D G-A1B2 G-A1E2	98 1	2439875 1615508	Access Control card cable			
	1A42	Drive A F-A1B2 F-A1A3	66 33	2439875 8636632		Access Control card cable	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
		Drive B G-A1B2 G-A1A3	66 33	2439875 8636632		Access Control card cable	
		Drive C F-A1B2 F-A1A3	66 33	2439875 8636632		Access Control card cable	
		Drive D G-A1B2 G-A1A3	66 33	2439875 8636632		Access Control card cable	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>1A43</b>	<b>Drive A F-A1C2</b>	<b>98</b>	<b>1615631</b>	<b>Data Converter card</b>	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
			<b>1615632</b>	<b>Data Converter card</b>	
			<b>1615639</b>	<b>Data Converter card</b>	
	<b>Drive B G-A1C2</b>	<b>98</b>	<b>1615631</b>	<b>Data Converter card</b>	
			<b>1615632</b>	<b>Data Converter card</b>	
			<b>1615339</b>	<b>Data Converter card</b>	
	<b>Drive C F-A1C2</b>	<b>98</b>	<b>1615631</b>	<b>Data Converter card</b>	
			<b>1615632</b>	<b>Data Converter card</b>	
			<b>1615639</b>	<b>Data Converter card</b>	
	<b>Drive D G-A1C2</b>	<b>98</b>	<b>1615631</b>	<b>Data Converter card</b>	
			<b>1615632</b>	<b>Data Converter card</b>	
			<b>1615339</b>	<b>Data Converter card</b>	
<b>1615631</b>			<b>Data Converter card</b>		
<b>1615632</b>			<b>Data Converter card</b>		
			<b>1615339</b>	<b>Data Converter card</b>	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A45	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	82	2439875	Access Control card	
	F-A1C2	17	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	Drive B				
	G-A1B2	82	2439875	Access Control card	
	G-A1C2	17	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	Drive C				
	F-A1B2	82	2439875	Access Control card	
F-A1C2	17	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
Drive D					
G-A1B2	82	2439875	Access Control card		
G-A1C2	17	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A46	Drive A F-A1C2	60	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2 F-A1A3	35 1	2439875 8636632	Access Control card cable	
	Drive B G-A1C2	60	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2 G-A1A3	35 1	2439875 8636632	Access Control card cable	
	Drive C F-A1C2	60	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-A1B2 F-A1A3	35 1	2439875 8636632	Access Control card cable	
	Drive D G-A1C2	60	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2 G-A1A3	35 1	2439875 8636632	Access Control card cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A47	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	64	2439875	Access Control card	
	F-A1C2	35	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A3	1	8636632	cable	
	Drive B				
	G-A1B2	64	2439875	Access Control card	
	G-A1C2	35	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A3	1	8636632	cable	
	Drive C				
	F-A1B2	64	2439875	Access Control card	
	F-A1C2	35	1615631	Data Converter card	
			1615632	Data Converter card	
		1615639	Data Converter card		
F-A1A3	1	8636632	cable		
Drive D					
G-A1B2	64	2439875	Access Control card		
G-A1C2	35	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1A3	1	8636632	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A48	Drive A F-A1C2	70	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	35	2439875	Access Control card	
	Drive B G-A1C2	70	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2	35	2439875	Access Control card	
	Drive C F-A1C2	70	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-A1B2	35	2439875	Access Control card	
	Drive D G-A1C2	70	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2	35	2439875	Access Control card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A4A	Drive A F-A1C2	71	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-W1B1	18	2439838	Data channel card	
	F-A1E2	10	1615508	cable	
	Drive B G-A1C2	71	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-W1B1	18	2439838	Data channel card	
	G-A1L2	10	1615508	cable	
	Drive C F-A1C2	71	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-W1B1	18	2439838	Data channel card	
	F-A1E2	10	1615508	cable	
	Drive D G-A1C2	71	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-W1B1	18	2439838	Data channel card	
	G-A1E2	10	1615508	cable	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A4b	Drive A				Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2	44	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-W1B1	35	2439838	Data channel card	
	F-A1E2	20	1615508	cable	
	F-A1B1	1			
	Drive B				
	G-A1C2	44	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-W1B1	35	2439838	Data channel card	
	G-A1E2	20	1615508	cable	
	G-A1B1	1			
	Drive C				
	F-A1C2	44	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-W1B1	35	2439838	Data channel card	
	F-A1E2	20	1615508	cable	
	F-A1B1	1			
	Drive D				
	G-A1C2	44	1615631	Data Converter card	
			1615632	Data Converter card	
		1615339	Data Converter card		
G-W1B1	35	2439838	Data channel card		
G-A1E2	20	1615508	cable		
G-A1B1	1				

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>1A50</b>	<b>Drive A F-A1D2</b>	<b>98</b>	<b>5811834</b>	<b>Servo card 10SR-1</b>	<b>Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.</b>
			<b>5811890</b>	<b>Servo card 10SR-1</b>	
			<b>1615367</b>	<b>Servo card 10SR-1</b>	
	<b>Drive B G-A1D2</b>	<b>98</b>	<b>5811834</b>	<b>Servo card 10SR</b>	
	<b>5811890</b>		<b>Servo card 10SR</b>		
		<b>1615367</b>	<b>Servo card 10SR</b>		
	<b>Drive C F-A1D2</b>	<b>98</b>	<b>5811834</b>	<b>Servo card 10SR-1</b>	
			<b>5811890</b>	<b>Servo card 10SR-1</b>	
			<b>1615367</b>	<b>Servo card 10SR-1</b>	
	<b>Drive D G-A1D2</b>	<b>98</b>	<b>5811834</b>	<b>Servo card 10SR</b>	
			<b>5811890</b>	<b>Servo card 10SR</b>	
			<b>1615367</b>	<b>Servo card 10SR</b>	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A52	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	50	2439875	Access Control card	
	F-A1A3	27	8636632	cable	
	F-A1D2	22	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	Drive B				
	G-A1B2	50	2439875	Access Control card	
	G-A1A3	27	8636632	cable	
	G-A1D2	22	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive C				
	F-A1B2	50	2439875	Access Control card	
	F-A1A3	27	8636632	cable	
	F-A1D2	22	5811834	Servo card 10SR-1	
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
Drive D					
G-A1B2	50	2439875	Access Control card		
G-A1A3	27	8636632	cable		
G-A1D2	22	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A54	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	67	2439875	Access Control card	
	F-A1C2	25	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	7	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	Drive B				
	G-A1B2	67	2439875	Access Control card	
	G-A1C2	25	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	7	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive C				
	F-A1B2	67	2439875	Access Control card	
	F-A1C2	25	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	7	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
Drive D					
G-A1B2	67	2439875	Access Control card		
G-A1C2	25	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1D2	7	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>1A55</b>	<b>Drive A F-A1D2</b>	<b>87</b>	<b>5811834</b>	<b>Servo card 10SR-1</b>	<b>Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.</b>
			<b>5811890</b>	<b>Servo card 10SR-1</b>	
			<b>1615367</b>	<b>Servo card 10SR-1</b>	
	<b>F-A1C2</b>	<b>12</b>	<b>1615631</b>	<b>Data Converter card</b>	
			<b>1615632</b>	<b>Data Converter card</b>	
			<b>1615639</b>	<b>Data Converter card</b>	
	<b>Drive B G-A1D2</b>	<b>87</b>	<b>5811834</b>	<b>Servo card 10SR</b>	
			<b>5811890</b>	<b>Servo card 10SR</b>	
			<b>1615367</b>	<b>Servo card 10SR</b>	
	<b>G-A1C2</b>	<b>12</b>	<b>1615631</b>	<b>Data Converter card</b>	
			<b>1615632</b>	<b>Data Converter card</b>	
			<b>1615339</b>	<b>Data Converter card</b>	
<b>Drive C F-A1D2</b>	<b>87</b>	<b>5811834</b>	<b>Servo card 10SR-1</b>		
		<b>5811890</b>	<b>Servo card 10SR-1</b>		
		<b>1615367</b>	<b>Servo card 10SR-1</b>		
<b>F-A1C2</b>	<b>12</b>	<b>1615631</b>	<b>Data Converter card</b>		
		<b>1615632</b>	<b>Data Converter card</b>		
		<b>1615639</b>	<b>Data Converter card</b>		
<b>Drive D G-A1D2</b>	<b>87</b>	<b>5811834</b>	<b>Servo card 10SR</b>		
		<b>5811890</b>	<b>Servo card 10SR</b>		
		<b>1615367</b>	<b>Servo card 10SR</b>		
<b>G-A1C2</b>	<b>12</b>	<b>1615631</b>	<b>Data Converter card</b>		
		<b>1615632</b>	<b>Data Converter card</b>		
		<b>1615339</b>	<b>Data Converter card</b>		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A58	Drive A F-A1D2	71	5811834	Servo card 10SR-1	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	5811890		Servo card 10SR-1		
	1615367		Servo card 10SR-1		
	F-A1C2	12	1615631	Data Converter card	
	1615632		Data Converter card		
	1615639		Data Converter card		
	F-A1B2	10	2439875	Access Control card	
	F-VCM		1	5811836	
	Drive B G-A1D2	71	5811834	Servo card 10SR	
	5811890		Servo card 10SR		
	1615367		Servo card 10SR		
	G-A1C2	12	1615631	Data Converter card	
	1615632		Data Converter card		
	1615339		Data Converter card		
	G-A1B2	10	2439875	Access Control card	
	G-VCM		1	5811836	
	Drive C F-A1D2	71	5811834	Servo card 10SR-1	
	5811890		Servo card 10SR-1		
	1615367		Servo card 10SR-1		
	F-A1C2	12	1615631	Data Converter card	
	1615632		Data Converter card		
	1615639		Data Converter card		
	F-A1B2	10	2439875	Access Control card	
	F-VCM		1	5811836	
Drive D G-A1D2	71	5811834	Servo card 10SR		
5811890		Servo card 10SR			
1615367		Servo card 10SR			
G-A1C2	12	1615631	Data Converter card		
1615632		Data Converter card			
1615339		Data Converter card			
G-A1B2	10	2439875	Access Control card		
G-VCM		1	5811836	VCM Drive assembly	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A5A	Drive A F-A1D2	60	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Permanent error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2	27	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	Drive B G-A1D2	60	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1C2	27	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	Drive C F-A1D2	60	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1C2	27	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	A-A2C4	1	2437374	adapter C card 10SR	
	F-A1A3	1	8636632	cable	
	Drive D G-A1D2	60	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1C2	27	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D4	1	2437374	adapter D card 10SR	
	G-A1A3	1	8636632	cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A5C	Drive A F-A1D2	49	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm "Media" - Bad data Corrective Action: To check for bad sector ID or bad data written on the HDA. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1E5	26	1615509	cable	
	F-HDA Media	14 10	1615600	Head Disk asm 10SR	
	Drive B G-A1D2	49	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5	26	1615509	cable	
	G-HDA Media	14 10	1615600	Head Disk asm 10SR	
	Drive C F-A1D2	49	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5	26	1615509	cable	
	F-HDA Media	14 10	1615600	Head Disk asm 10SR	
	Drive D G-A1D2	49	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5	26	1615509	cable	
	G-HDA Media	14 10	1615600	Head Disk asm 10SR	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A60	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.  "VCM" - VCM Driver Asm  "HDA" - Head/Disk Asm  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.	
	F-A1B2	48	2439875	Access Control card		
	F-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615639		Data Converter card
	F-A1D2	15	5811834	Servo card 10SR-1		
				5811890		Servo card 10SR-1
				1615367		Servo card 10SR-1
	A-A2C2	1	2437374	adapter A card 10SR		
	F-VCM	1	5811836	VCM Drive assembly		
	F-A1E5	1	1615509	cable		
	F-A1A5	1	1615662	Terminator card		
	F-A1A4	1	8636632	cable		
	F-A1A3	1	8636632	cable		
	F-HDA	1	1615600	Head Disk asm 10SR		
	F-A1E2	1	1615508	cable		
	Drive B					
	G-A1B2	48	2439875	Access Control card		
	G-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	G-A1D2	15	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	A-A2D2	1	2437374	adapter B card 10SR		
	G-VCM	1	5811836	VCM Drive assembly		
	G-A1E5	1	1615509	cable		
	G-A1A5	1	1615662	Terminator card		
	G-A1A4	1	8636632	cable		
	G-A1A3	1	8636632	cable		
	G-HDA	1	1615600	Head Disk asm 10SR		
	G-A1E2	1	1615508	cable		
	Drive C					
F-A1B2	48	2439875	Access Control card			
F-A1C2	24	1615631	Data Converter card			
			1615632	Data Converter card		
			1615639	Data Converter card		
F-A1D2	15	5811834	Servo card 10SR-1			
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
A-A2C4	1	2437374	adapter C card 10SR			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A61	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	54	2439875	Access Control card	
	F-A1C2	23	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	19	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	Drive B				
	G-A1B2	54	2439875	Access Control card	
	G-A1C2	23	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	19	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-VCM	1	5811836	VCM Drive assembly	
	G-A1E5	1	1615509	cable	
	Drive C				
	F-A1B2	54	2439875	Access Control card	
	F-A1C2	23	1615631	Data Converter card	
			1615632	Data Converter card	
		1615639	Data Converter card		
F-A1D2	19	5811834	Servo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
F-VCM	1	5811836	VCM Drive assembly		
F-A1E5	1	1615509	cable		
Drive D					
G-A1B2	54	2439875	Access Control card		
G-A1C2	23	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1D2	19	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-VCM	1	5811836	VCM Drive assembly		
G-A1E5	1	1615509	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A63	Drive A F-A1C2	39	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.
	F-A1B2	33	2439875	Access Control card	
	F-A1D2	1	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Drive B G-A1C2	39	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	Drive C F-XXXX card locations are actually 2F-XXXX.
	G-A1B2	33	2439875	Access Control card	
	G-A1D2	1	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5	1	1615509	cable	Drive D G-XXXX card locations are actually 2G-XXXX.
	G-HDA	1	1615600	Head Disk asm 10SR	
	Drive C F-A1C2	39	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-A1B2	33	2439875	Access Control card	
	F-A1D2	1	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Drive D G-A1C2	39	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2	33	2439875	Access Control card	
	G-A1D2	1	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5	1	1615509	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A64	Drive A	48	1615631	Data Converter card	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2		1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	25	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E5	13	1615509	cable	
	F-HDA	12	1615600	Head Disk asm 10SR	
	Drive B	48	1615631	Data Converter card	
	G-A1C2		1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	25	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1E5	13	1615509	cable	
	G-HDA	12	1615600	Head Disk asm 10SR	
	Drive C	48	1615631	Data Converter card	
	F-A1C2		1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	25	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E5	13	1615509	cable	
	F-HDA	12	1615600	Head Disk asm 10SR	
Drive D	48	1615631	Data Converter card		
G-A1C2		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1D2	25	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-A1E5	13	1615509	cable		
G-HDA	12	1615600	Head Disk asm 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A65	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	25	2439875	Access Control card	
	F-A1E2	15	1615508	cable	
	F-HDA	12	1615600	Head Disk asm 10SR	
	Drive B				
	G-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	25	2439875	Access Control card	
	G-A1E2	15	1615508	cable	
	G-HDA	12	1615600	Head Disk asm 10SR	
	Drive C				
	F-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	25	2439875	Access Control card	
	F-A1E2	15	1615508	cable	
	F-HDA	12	1615600	Head Disk asm 10SR	
	Drive D				
	G-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
		1615339	Data Converter card		
G-A1B2	25	2439875	Access Control card		
G-A1E2	15	1615508	cable		
G-HDA	12	1615600	Head Disk asm 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A67	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.  "HDA" - Head/Disk Asm "VCM" - VCM Driver Asm  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1D2	31	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	13	2439875	Access Control card	
	F-W1B1	10	2439838	Data channel card	
	F-A1E2	1	1615508	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	F-VCM	1	5811836	VCM Drive assembly	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	Drive B				
	G-A1D2	31	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	13	2439875	Access Control card	
	G-W1B1	10	2439838	Data channel card	
	G-A1E2	1	1615508	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	
	G-VCM	1	5811836	VCM Drive assembly	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	Drive C				
	F-A1D2	31	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
		1615367	Servo card 10SR-1		
F-A1C2	27	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1B2	13	2439875	Access Control card		
F-W1B1	10	2439838	Data channel card		
F-A1E2	1	1615508	cable		
F-HDA	1	1615600	Head Disk asm 10SR		
F-VCM	1	5811836	VCM Drive assembly		
A-A2C4	1	2437374	adapter C card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A68	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm  "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1D2	44	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1B2	31	2439875	Access Control card	
	F-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Drive B				
	G-A1D2	44	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1B2	31	2439875	Access Control card	
	G-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-VCM	1	5811836	VCM Drive assembly	
	G-A1E5	1	1615509	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	
	Drive C				
	F-A1D2	44	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1B2	31	2439875	Access Control card	
	F-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
Drive D					
G-A1D2	44	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-A1B2	31	2439875	Access Control card		
G-A1C2	18	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A69	Drive A F-A1D2	45	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm  "HDA" - Head/Disk Asm Corrective Action: Reseat power distribution cables to 10SR. Check "Power Good" (FLD GA915) Drive B G-XXXX card locations are actually 1G-XXXX.	
	F-A1B2	27	2439875	Access Control card		
	F-A1C2	21	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card		
	F-VCM	1	5811836	VCM Drive assembly		
	F-A1E5	1	1615509	cable		
	F-HDA	1	1615600	Head Disk asm 10SR		
	Power Cable	1 1				
	Drive B G-A1D2	45	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR		Drive C F-XXXX card locations are actually 2F-XXXX.       Drive D G-XXXX card locations are actually 2G-XXXX.
	G-A1B2	27	2439875	Access Control card		
	G-A1C2	21	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card		
	G-VCM	1	5811836	VCM Drive assembly		
	G-A1E5	1	1615509	cable		
	G-HDA	1	1615600	Head Disk asm 10SR		
	Power Cable	1 1				
	Drive C F-A1D2	45	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1		
	F-A1B2	27	2439875	Access Control card		
	F-A1C2	21	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card		
	F-VCM	1	5811836	VCM Drive assembly		
	F-A1E5	1	1615509	cable		
	F-HDA	1	1615600	Head Disk asm 10SR		
	Power Cable	1 1				
	Drive D G-A1D2	45	5811834	Servo card 10SR		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A6A	Drive A F-A1C2	30	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm	
	F-A1B2	33	2439875	Access Control card		
	F-W1B1	8	2439838	Data channel card		
	F-HDA	7	1615600	Head Disk asm 10SR		
	F-A1E2	1	1615508	cable		
	A-A2C2	1	2437374	adapter A card 10SR		
	F-A1A3	1	8636632	cable		
	F-A1D2	1	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1		Drive B G-XXXX card locations are actually 1G-XXXX.
	F-A1E5	1	1615509	cable		
	F-A1A5	1	1615662	Terminator card		
	F-A1A4	1	8636632	cable		
	Drive B G-A1C2	30	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card		
	G-A1B2	33	2439875	Access Control card		
	G-W1B1	8	2439838	Data channel card		
	G-HDA	7	1615600	Head Disk asm 10SR		
	G-A1E2	1	1615508	cable		
	A-A2D2	1	2437374	adapter B card 10SR		
	G-A1A3	1	8636632	cable		
	G-A1D2	1	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	Drive C F-XXXX card locations are actually 2F-XXXX.	
	G-A1E5	1	1615509	cable		
	G-A1A5	1	1615662	Terminator card		
	G-A1A4	1	8636632	cable		
	Drive C F-A1C2	30	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card		
	F-A1B2	33	2439875	Access Control card		
	F-W1B1	8	2439838	Data channel card		
	F-HDA	7	1615600	Head Disk asm 10SR		
	F-A1E2	1	1615508	cable		
	A-A2C4	1	2437374	adapter C card 10SR	Drive D G-XXXX card locations are actually 2G-XXXX.	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A6b	Drive A				Permanent error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Corrective Action: Reseat power distribution cables to 10SR. Check "Power Good"(FLD GA915). Reseat cards and cables. "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.
	F-A1B2	57	2439875	Access Control card	
	F-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1E2	1	1615508	cable	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-W1B1	1	2439838	Data channel card	
	Power	1			
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Drive B				
	G-A1B2	57	2439875	Access Control card	Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	G-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1E2	1	1615508	cable	
	G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-W1B1	1	2439838	Data channel card	
	Power	1			
	G-A1E5	1	1615509	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	
	Drive C				
	F-A1B2	57	2439875	Access Control card	
F-A1C2	18	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1E2	1	1615508	cable		
F-A1D2	1	5811834	Servo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
F-W1B1	1	2439838	Data channel card		
Power	1				
F-A1E5	1	1615509	cable		
F-HDA	1	1615600	Head Disk asm 10SR		
Drive D					



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A6d	Drive A F-A1C2	36	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred.  "HDA" - Head/Disk Asm Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-HDA	12	1615600	Head Disk asm 10SR	
	F-W1B1	9	2439838	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	F-A1D2	1	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5	1	1615509	cable	
	F-A1E2	1	1615508	cable	
	Drive B G-A1C2	36	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-HDA	12	1615600	Head Disk asm 10SR	
	G-W1B1	9	2439838	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	G-A1D2	1	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5	1	1615509	cable	
	G-A1E2	1	1615508	cable	
	Drive C F-A1C2	36	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-HDA	12	1615600	Head Disk asm 10SR	
	F-W1B1	9	2439838	Data channel card	
	A-A2C4	1	2437374	adapter C card 10SR	
	F-A1A3	1	8636632	cable	
	F-A1D2	1	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5	1	1615509	cable	
	F-A1E2	1	1615508	cable	
	Drive D G-A1C2	36	1615631	Data Converter card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A6F	Drive A				Permanent error occurred.	
	F-W1B1	34	2439838	Data channel card		
	F-A1C2	27	1615631	Data Converter card	"HDA" - Head/Disk Asm	
				1615632	Data Converter card	
				1615639	Data Converter card	Drive A F-XXXX card
	F-HDA	13	1615600	Head Disk asm 10SR	cable	locations are actually
	F-A1E2	10	1615508			1F-XXXX.
	F-A1D2	1	5811834	Servo card 10SR-1		
				5811890	Servo card 10SR-1	Drive B G-XXXX card
				1615367	Servo card 10SR-1	locations are actually
	A-A2C2	1	2437374	adapter A card 10SR		1G-XXXX.
	F-A1B2	1	2439875	Access Control card		
	F-A1E5	1	1615509	cable		
	F-A1A3	1	8636632	cable		
	Drive B					
	G-W1B1	34	2439838	Data channel card		
	G-A1C2	27	1615631	Data Converter card		Drive C F-XXXX card
				1615632	Data Converter card	locations are actually
				1615339	Data Converter card	2F-XXXX.
	G-HDA	13	1615600	Head Disk asm 10SR		
	G-A1E2	10	1615508			
	G-A1D2	1	5811834	Servo card 10SR		
				5811890	Servo card 10SR	
				1615367	Servo card 10SR	
	A-A2D2	1	2437374	adapter B card 10SR		Drive D G-XXXX card
	G-A1B2	1	2439875	Access Control card		locations are actually
	G-A1E5	1	1615509	cable		2G-XXXX.
	G-A1A3	1	8636632	cable		
	Drive C					
	F-W1B1	34	2439838	Data channel card		
	F-A1C2	27	1615631	Data Converter card		
				1615632	Data Converter card	
			1615639	Data Converter card		
F-HDA	13	1615600	Head Disk asm 10SR			
F-A1E2	10	1615508				
F-A1D2	1	5811834	Servo card 10SR-1			
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
A-A2C4	1	2437374	adapter C card 10SR			
F-A1B2	1	2439875	Access Control card			
F-A1E5	1	1615509	cable			



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A71	Drive A F-A1C2	34	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Permanent error occurred. Corrective Action: Reseat cards and cables. Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA.  "HDA" - Head/Disk Asm  Drive A F-XXXX card locations are actually 1F-XXXX.  "Media" - Bad data Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.
	A-A2C2	16	2437374	adapter A card 10SR	
	F-A1B2	16	2439875	Access Control card	
	A-A2E2	8	2462228	Data stor adapter 1 cd	
	F-W1B1	1	2439838	Data channel card	
	F-A1D2	1	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1A5	1	1615662	Terminator card	
	F-HDA	1	1615600	Head Disk asm 10SR	
	F-A1A3	1	8636632	cable	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1E5	1	1615509	cable	
	Channel	1			
	A-A2J2	1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card	
	Media	1			
	Drive B G-A1C2	34	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D2	16	2437374	adapter B card 10SR	
	G-A1B2	16	2439875	Access Control card	
	A-A2E2	8	2462228	Data stor adapter 1 cd	
	G-W1B1	1	2439838	Data channel card	
	G-A1D2	1	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1A5	1	1615662	Terminator card	
	G-HDA	1	1615600	Head Disk asm 10SR	
	G-A1A3	1	8636632	cable	
	G-A1A4	1	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-A1E5	1	1615509	cable	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	





SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A73	Drive A				Permanent error occurred. Corrective Action: Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm  "VCM" - VCM Driver Asm  "Media" - Bad data Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.
	F-A1C2	28	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	24	2439875	Access Control card	
	A-A2C2	16	2437374	adapter A card 10SR	
	A-A2E2	7	2462228	Data stor adapter 1 cd	
	F-A1D2	7	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1A3	1	8636632	cable	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-HDA	1	1615600	Head Disk asm 10SR	
	F-W1B1	1	2439838	Data channel card	
	F-A1E2	1	1615508	cable	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	Media	1			
	Drive B				
	G-A1C2	28	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	24	2439875	Access Control card	
	A-A2D2	16	2437374	adapter B card 10SR	
	A-A2E2	7	2462228	Data stor adapter 1 cd	
	G-A1D2	7	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1A3	1	8636632	cable	
	G-A1A4	1	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-HDA	1	1615600	Head Disk asm 10SR	
	G-W1B1	1	2439838	Data channel card	
G-A1E2	1	1615508	cable		
G-VCM	1	5811836	VCM Drive assembly		
G-A1E5	1	1615509	cable		
Media	1				
Drive C					
F-A1C2	28	1615631	Data Converter card		
		1615632	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A7F					Go to MAP 9700, A. Permanent error occurred. Unable to determine FRU. Attempt to recreate error, or use other SRC codes.
1A90	A-A2E2 Channel A-A2J2	57 42 1	2462228 4237136 2597763 2597727	Data stor adapter 1 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card	Temporary error occurred.
1A91	Drive A A-A2E2 Channel A-A2C2 A-A2J2  Drive B A-A2E2 Channel A-A2D2 A-A2J2  Drive C A-A2E2 Channel A-A2C4 A-A2J2  Drive D A-A2E2 Channel A-A2D4 A-A2J2	59 38 1 1  59 38 1 1  59 38 1 1  59 38 1 1	2462228 2437374 4237136 2597763 2597727  2462228 2437374 4237136 2597763 2597727  2462228 2437374 4237136 2597763 2597727  2462228 2437374 4237136 2597763 2597727	Data stor adapter 1 cd adapter A card 10SR Data stor ctrl card Data stor ctrl card DS Pass-Thru card  Data stor adapter 1 cd adapter B card 10SR Data stor ctrl card Data stor ctrl card DS Pass-Thru card  Data stor adapter 1 cd adapter C card 10SR Data stor ctrl card Data stor ctrl card DS Pass-Thru card  Data stor adapter 1 cd adapter D card 10SR Data stor ctrl card Data stor ctrl card DS Pass-Thru card	Temporary error occurred.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A93	Drive A				Temporary error occurred.
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	A-A2C2	38	2437374	adapter A card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive B				
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	A-A2D2	38	2437374	adapter B card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive C				
	A-A2E2	59	2462228	Data stor adapter 1 cd	
	A-A2C4	38	2437374	adapter C card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	59	2462228	Data stor adapter 1 cd		
A-A2D4	38	2437374	adapter D card 10SR		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A94	Drive A				Temporary error occurred.
	A-A2E2	56	2462228	Data stor adapter 1 cd	
	A-A2C2	39	2437374	adapter A card 10SR	Drive A F-XXXX card locations are actually 1F-XXXX.
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	Drive B G-XXXX card locations are actually 1G-XXXX.
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A3	1	8636632	cable	
	Drive B				Drive C F-XXXX card locations are actually 2F-XXXX.
	A-A2E2	56	2462228	Data stor adapter 1 cd	
	A-A2D2	39	2437374	adapter B card 10SR	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	G-A1C2	1	1615631	Data Converter card	Drive D G-XXXX card locations are actually 2G-XXXX.
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A3	1	8636632	cable	
	Drive C				
	A-A2E2	56	2462228	Data stor adapter 1 cd	
A-A2C4	39	2437374	adapter C card 10SR		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
F-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1A3	1	8636632	cable		
Drive D					
A-A2E2	56	2462228	Data stor adapter 1 cd		
A-A2D4	39	2437374	adapter D card 10SR		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
G-A1C2	1	1615631	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A95	Drive A				Temporary error occurred.  Error was one of the following: * Cycle Steal Address Check * Command Parity Check * Cycle Steal Parity Check * DSA Buffer Write Check * Interface Time-out * DSA Data Bus Parity Check * Data Cycle Underrun Check * Data Cycle Overrun Check * Command Cycle Parity Check See MIM 97-508 for additional information on these errors.
	A-A2E2	45	2462228	Data stor adapter 1 cd	
	A-A2C2	42	2437374	adapter A card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive B				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2D2	42	2437374	adapter B card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive C				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2C4	42	2437374	adapter C card 10SR	
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	48	2462228	Data stor adapter 1 cd		
A-A2D4	42	2437374	adapter D card 10SR		
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1A96	Drive A				Temporary error occurred.  Error was one of the following: * Data Overrun Check * Command Error * Command Reject * Device Busy * Disk Not Ready * Cable Continuity Error * Disk Access Time-out * No Control Sample Received * Disk Sense Parity Check * Disk Interrupt Check * Servo Interrupt - Guard band 2 See MIM 97-508/97-518 for additional information on these errors.	
	1F-A1B2	34	1615583	Access Control card		
	A-A2C2	22	2437374	adapter A card 10SR		
	1F-A1A4	16	8636632	cable		
	1F-A1A5	16	1615662	Terminator card		
	1F-A1C2	5	1615631	Data Converter card		
				1615631		Data Converter card
				1615339		Data Converter card
	1F-A1A3	4	8636632	cable		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive B					
	1G-A1B2	34	1615583	Access Control card		
	A-A2D2	22	2437374	adapter B card 10SR		
	1G-A1A4	16	8636632	cable		
	1G-A1A5	16	1615662	Terminator card		
	1G-A1C2	5	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	1G-A1A3	4	8636632	cable		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive C					
	2F-A1B2	34	1615583	Access Control card		
	A-A2C4	22	2437374	adapter C card 10SR		
	2F-A1A4	16	8636632	cable		
	2F-A1A5	16	1615662	Terminator card		
	2F-A1C2	5	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	2F-A1A3	4	8636632	cable		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive D					
	2G-A1B2	34	1615583	Access Control card		
A-A2D4	22	2437374	adapter D card 10SR			
2G-A1A4	16	8636632	cable			
2G-A1A5	16	1615662	Terminator card			
2G-A1C2	5	1615631	Data Converter card			
			1615632	Data Converter card		
			1615339	Data Converter card		
2G-A1A3	4	8636632	cable			
A-A2E2	1	2462228	Data stor adapter 1 cd			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A97	Drive A				Temporary error occurred.  Error was one of the following: * Data Unsafe - Write and servo off track - Write active and not in data field - Write and read both active - Write active and AE select error - Write active and AE Unsafe  (See MIM 97-518)
	1F-A1C2	46	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card adapter A card 10SR	
	A-A2C2	21	2437374	cable	
	1F-A1A3	21	8636632	Access Control card	
	1F-A1B2	12	1615583	Servo card 10SR	
	1F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive B				
	1G-A1C2	46	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card adapter B card 10SR	
	A-A2D2	21	2437374	cable	
	1G-A1A3	21	8636632	Access Control card	
	1G-A1B2	12	1615583	Servo card 10SR	
	1G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive C				
	2F-A1C2	46	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card adapter C card 10SR	
	A-A2C4	21	2437374	cable	
	2F-A1A3	21	8636632	Access Control card	
	2F-A1B2	12	1615583	Servo card 10SR	
	2F-A1D2	1	5811834	Servo card 10SR	
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
Drive D					
2G-A1C2	46	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card adapter D card 10SR		
A-A2D4	21	2437374	cable		
2G-A1A3	21	8636632	Access Control card		
2G-A1B2	12	1615583	Servo card 10SR		
2G-A1D2	1	5811834	Servo card 10SR		
		5811890	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A99	Drive A				Temporary error occurred.
	1F-A1B2	30	1615583	Access Control card	Error detected was: * Unseated card or cable  Corrective Action: Reseat all 10SR CSA cards and cables.  "HDA" - Head/Disk Asm
	1F-A1C2	27	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	1F-A1D2	5	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1F-A1E2	5	1615508	cable	
	1F-A1E5	5	1615509	cable	
	1F-W1B1	5	2439838	Data channel card	
	1F-HDA	5	1615600	Head Disk asm 10SR	
	A-A2C2	1	2437374	adapter A card 10SR	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive B				
	1G-A1B2	30	1615583	Access Control card	
	1G-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1D2	5	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1G-A1E2	5	1615508	cable	
	1G-A1E5	5	1615509	cable	
	1G-W1B1	5	2439838	Data channel card	
	1G-HDA	5	1615600	Head Disk asm 10SR	
	A-A2D2	1	2437374	adapter B card 10SR	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive C				
	2F-A1B2	30	1615583	Access Control card	
	2F-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
2F-A1D2	5	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
2F-A1E2	5	1615508	cable		
2F-A1E5	5	1615509	cable		
2F-W1B1	5	2439838	Data channel card		
2F-HDA	5	1615600	Head Disk asm 10SR		
A-A2C4	1	2437374	adapter C card 10SR		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A9A	Drive A				Temporary error occurred.  Error was one of the following: * Data Unsafe - Write and not ready both active - Write not active and AE unsafe with an AE selected  * Servo Interrupt - (Not) Power Good - Disk speed / VCO check  (See MIM 97-518)
	1F-A1C2	43	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	1F-A1B2	42	1615583	Access Control card	
	1F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1F-A1E2	1	1615508	cable	
	1F-A1E5	1	1615509	cable	
	1F-W1B1	1	2439838	Data channel card	
	1F-HDA	1	1615600	Head Disk asm 10SR	
	Drive B				
	1G-A1C2	43	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1B2	42	1615583	Access Control card	
	1G-A1D2	1	5311834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1G-A1E2	1	1615508	cable	
	1G-A1E5	1	1615509	cable	
	1G-W1B1	1	2439838	Data channel card	
	1G-HDA	1	1615600	Head Disk asm 10SR	
	Drive C				
	2F-A1C2	43	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	2F-A1B2	42	1615583	Access Control card	
	2F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
2F-A1E2	1	1615508	cable		
2F-A1E5	1	1615509	cable		
2F-W1B1	1	2439838	Data channel card		
2F-HDA	1	1615600	Head Disk asm 10SR		
Drive D					
2G-A1C2	43	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A9b	Drive A				Temporary error occurred.  Error was one of the following:  * Sector Check * Disk Write Data Check * Servo Interrupt - Servo off track - Unexpected guard band - Seek time-out - PLO out of sync  See MIM 97-508/97-518 for additional information on these errors. "HDA" - Head/Disk Asm "VCM" - VCM Driver Asm
	1F-A1D2	34	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	1F-A1B2	28	1615583	Access Control card	
	1F-A1C2	26	1615631 1615631 1615339	Data Converter card Data Converter card Data Converter card	
	1F-W1B1	1	2439838	Data channel card	
	1F-A1E5	1	1615509	cable	
	1F-HDA	1	1615600	Head Disk asm 10SR	
	1F-VCM	1	5811836	VCM Drive assembly	
	Drive B				
	1G-A1D2	34	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	1G-A1B2	28	1615583	Access Control card	
	1G-A1C2	26	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	1G-W1B1	1	2439838	Data channel card	
	1G-A1E5	1	1615509	cable	
	1G-HDA	1	1615600	Head Disk asm 10SR	
	1G-VCM	1	5811836	VCM Drive assembly	
	Drive C				
	2F-A1D2	34	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	2F-A1B2	28	1615583	Access Control card	
	2F-A1C2	26	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	2F-W1B1	1	2439838	Data channel card	
	2F-A1E5	1	1615509	cable	
	2F-HDA	1	1615600	Head Disk asm 10SR	
	2F-VCM	1	5811836	VCM Drive assembly	
	Drive D				
	2G-A1D2	34	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	2G-A1B2	28	1615583	Access Control card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A9C	Drive A				Temporary error occurred.  Error was one of the following: * Disk Format Check * Data Unsafe - AE unsafe without an AE selected See MIM 97-508/97-518 for additional information on these errors.  "HDA" - Head/disk Asm
	1F-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1F-HDA	16	1615600	Head Disk asm 10SR	
	1F-A1E2	15	1615508	cable	
	1F-A1A3	12	8636632	cable	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1B2	1	1615583	Access Control card	
	1F-W1B1	1	2439838	Data channel card	
	Drive B				
	1G-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-HDA	16	1615600	Head Disk asm 10SR	
	1G-A1E2	15	1615508	cable	
	1G-A1A3	12	8636632	cable	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1B2	1	1615583	Access Control card	
	1G-W1B1	1	2439838	Data channel card	
	Drive C				
	2F-A1C2	45	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	2F-HDA	16	1615600	Head Disk asm 10SR	
	2F-A1E2	15	1615508	cable	
	2F-A1A3	12	8636632	cable	
	A-A2C4	1	2437374	adapter C card 10SR	
	2F-A1B2	1	1615583	Access Control card	
	2F-W1B1	1	2439838	Data channel card	
Drive D					
2G-A1C2	45	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
2G-HDA	16	1615600	Head Disk asm 10SR		
2G-A1E2	15	1615508	cable		
2G-A1A3	12	8636632	cable		
A-A2D4	1	2437374	adapter D card 10SR		
2G-A1B2	1	1615583	Access Control card		
2G-W1B1	1	2439838	Data channel card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1A9F	Drive A Media	30			Temporary error occurred.  Error was one of the following: • Sync Not Found Check • CRC/ECC Check • No Record Found Check  See MIM 97-508 for additional information on these errors.  "HDA" - Head/Disk Asm "Media" - Bad data  Corrective Action: Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA
	1F-A1C2	20	1615631	Data Converter card	
			1615631	Data Converter card	
			1615339	Data Converter card	
	1F-A1B2	10	1615583	Access Control card	
	1F-HDA	1	1615600	Head Disk asm 10SR	
	1F-A1E2	1	1615508	cable	
	1F-W1B1	1	2439838	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1F-A1A3	1	8636632	cable	
	Drive B Media	30			
	1G-A1C2	20	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	1G-A1B2	10	1615583	Access Control card	
	1G-HDA	1	1615600	Head Disk asm 10SR	
	1G-A1E2	1	1615508	cable	
	1G-W1B1	1	2439838	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	1G-A1A3	1	8636632	cable	
	Drive C Media	30			
	2F-A1C2	20	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
2F-A1B2	10	1615583	Access Control card		
2F-HDA	1	1615600	Head Disk asm 10SR		
2F-A1E2	1	1615508	cable		
2F-W1B1	1	2439838	Data channel card		
A-A2C4	1	2437374	adapter C card 10SR		
2F-A1D2	1	5811834	Servo card 10SR		
		5811890	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AA0	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2E2	56	2462228	Data stor adapter 1 cd	
	A-A2C2	43	2437374	adapter A card 10SR	
	Drive B				
	A-A2E2	56	2462228	Data stor adapter 1 cd	
	A-A2D2	43	2437374	adapter B card 10SR	
	Drive C				
	A-A2E2	56	2462228	Data stor adapter 1 cd	
A-A2C4	43	2437374	adapter C card 10SR		
Drive D					
A-A2E2	56	2462228	Data stor adapter * cd		
A-A2D4	43	2437374	adapter D card 10SR		
1AA1	A-A2E2		2462228	Data stor adapter 1 cd	Temporary error occurred.
1AA2	Drive A				Temporary error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2E2	49	2462228	Data stor adapter 1 cd	
	A-A2C2	37	2437374	adapter A card 10SR	
	F-A1B2	10	2439875	Access Control card	
	F-A1A3	1	8636632	cable	
	Drive B				
	A-A2E2	49	2462228	Data stor adapter 1 cd	
	A-A2D2	37	2437374	adapter B card 10SR	
	G-A1B2	10	2439875	Access Control card	
	G-A1A3	1	8636632	cable	
	Drive C				
	A-A2E2	49	2462228	Data stor adapter 1 cd	
	A-A2C4	37	2437374	adapter C card 10SR	
	F-A1B2	10	2439875	Access Control card	
	F-A1A3	1	8636632	cable	
	Drive D				
A-A2E2	49	2462228	Data stor adapter 1 cd		
A-A2D4	37	2437374	adapter D card 10SR		
G-A1B2	10	2439875	Access Control card		
G-A1A3	1	8636632	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AA4	Drive A				Temporary error occurred.
	A-A2E2	60	2462228	Data stor adapter 1 cd	
	A-A2C2	32	2437374	adapter A card 10SR	Drive A F-XXXX card locations are actually 1F-XXXX.
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card cable	Drive B G-XXXX card locations are actually 1G-XXXX.
	F-A1A3	1	8636632		
	Channel	1			
	F-A1B2	1	2439875	Access Control card	
	Drive B				
	A-A2E2	60	2462228	Data stor adapter 1 cd	
	A-A2D2	32	2437374	adapter B card 10SR	Drive C F-XXXX card locations are actually 2F-XXXX.
	G-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card cable	
	G-A1A3	1	8636632		
	Channel	1			
	G-A1B2	1	2439875	Access Control card	Drive D G-XXXX card locations are actually 2G-XXXX.
	Drive C				
	A-A2E2	60	2462228	Data stor adapter 1 cd	
	A-A2C4	32	2437374	adapter C card 10SR	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card cable	
F-A1A3	1	8636632			
Channel	1				
F-A1B2	1	2439875	Access Control card		
Drive D					
A-A2E2	60	2462228	Data stor adapter 1 cd		
A-A2D4	32	2437374	adapter D card 10SR		
G-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card cable		
G-A1A3	1	8636632			
Channel	1				
G-A1B2	1	2439875	Access Control card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AA5	Drive A				Temporary error occurred.  Error was one of the following: <ul style="list-style-type: none"> <li>* Cycle Steal Address Check</li> <li>* Command Parity Check</li> <li>* Cycle Steal Parity Check</li> <li>* DSA Buffer Write Check</li> <li>* Interface Time-out</li> <li>* DSA Data Bus Parity Check</li> <li>* Data Cycle Underrun Check</li> <li>* Data Cycle Overrun Check</li> <li>* Command Cycle Parity Check</li> </ul> See MIM 97-508 for additional information on these errors.
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2C2	42	2437374	adapter A card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	Drive L				
	A-A2E2	48	2462228	Data stor adapter 1 cd	
	A-A2D2	42	2437374	adapter B card 10SR	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
Drive C					
A-A2E2	48	2462228	Data stor adapter 1 cd		
A-A2C4	42	2437374	adapter C card 10SR		
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
Drive D					
A-A2E2	48	2462228	Data stor adapter 1 cd		
A-A2D4	42	2437374	adapter D card 10SR		
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AA6	Drive A				Temporary error occurred.  Error was one of the following: <ul style="list-style-type: none"> <li>* Data Overrun Check</li> <li>* Command Error</li> <li>* Command Reject</li> <li>* Device Busy</li> <li>* Disk Not Ready</li> <li>* Cable Continuity Error</li> <li>* Disk Access Time-out</li> <li>* No Control Sample Received</li> <li>* Disk Sense Parity Check</li> <li>* Disk Interrupt Check</li> <li>* Servo Interrupt - Guard band 2</li> </ul> See MIM 97-508/97-518 for additional information on these errors.	
	1F-A1B2	34	6493732	Access Control card		
	A-A2C2	22	2437374	adapter A card 10SR cable		
	1F-A1A4	16	8636632	Terminator card		
	1F-A1A5	16	1615662	Terminator card		
	1F-A1C2	5	6493724	Data Converter card		
				6493735		Data Converter card cable
	1F-A1A3	4	8636632	Data Converter card cable		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive B					
	1G-A1B2	34	6493738	Access Control card		
	A-A2D2	22	2437374	adapter B card 10SR cable		
	1G-A1A4	16	8636632	Terminator card		
	1G-A1A5	16	1615662	Terminator card		
	1G-A1C2	5	6493724	Data Converter card		
				6493735		Data Converter card cable
	1G-A1A3	4	8636632	Data Converter card cable		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive C					
	2F-A1B2	34	6493738	Access Control card		
	A-A2C4	22	2437374	adapter C card 10SR cable		
	2F-A1A4	16	8636632	Terminator card		
	2F-A1A5	16	1615662	Terminator card		
	2F-A1C2	5	6493724	Data Converter card		
				6493735		Data Converter card cable
	2F-A1A3	4	8636632	Data Converter card cable		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive D					
	2G-A1B2	34	6493738	Access Control card		
	A-A2D4	22	2437374	adapter D card 10SR cable		
	2G-A1A4	16	8636632	Terminator card		
	2G-A1A5	16	1615662	Terminator card		
2G-A1C2	5	6493724	Data Converter card			
			6493735	Data Converter card cable		
2G-A1A3	4	8636632	Data Converter card cable			
A-A2E2	1	2462228	Data stor adapter 1 cd			



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AA7	Drive A				Temporary error occurred.  Error was one of the following: • Data Unsafe - Write and servo off track - Write active and not in data field - Write and read both active - Write active and AE select error - Write active and AE Unsafe  (See MIM 97-518)
	1F-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2C2	21	2437374	adapter A card 10SR	
	1F-A1A3	21	8636632	cable	
	1F-A1B2	12	6493738	Access Control card	
	1F-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	Drive B				
	1G-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2D2	21	2437374	adapter B card 10SR	
	1G-A1A3	21	8636632	cable	
	1G-A1B2	12	6493738	Access Control card	
	1G-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	Drive C				
	2F-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2C4	21	2437374	adapter C card 10SR	
	2F-A1A3	21	8636632	cable	
	2F-A1B2	12	6493738	Access Control card	
	2F-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	Drive D				
	2G-A1C2	46	6493724 6493735	Data Converter card Data Converter card	
	A-A2D4	21	2437374	adapter D card 10SR	
	2G-A1A3	21	8636632	cable	
	2G-A1B2	12	6493738	Access Control card	
	2G-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AA9	Drive A				Temporary error occurred.  Error detected was: * Unseated card or cable  Corrective Action: Reset all 10SR CSA cards and cables.  "HDA" - Head/Disk Asm	
	1F-A1B2	30	6493738	Access Control card		
	1F-A1C2	27	6493724	Data Converter card		
				6493735		Data Converter card
	1F-A1D2	5	6493726	Servo card 10SR-2		
				6493737		Servo card 10SR-2
	1F-A1E2	5	1615508	cable		
	1F-A1E5	5	1615509	cable		
	1F-W1B1	5	6493732	Data channel card		
	1F-HDA	5	6493600	Head Disk asm 10SR-2		
	A-A2C2	1	2437374	adapter A card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive B					
	1G-A1B2	30	6493738	Access Control card		
	1G-A1C2	27	6493724	Data Converter card		
				6493735		Data Converter card
	1G-A1D2	5	6493726	Servo card 10SR-2		
				6493737		Servo card 10SR-2
	1G-A1E2	5	1615508	cable		
	1G-A1E5	5	1615509	cable		
	1G-W1B1	5	6493732	Data channel card		
	1G-HDA	5	6493600	Head Disk asm 10SR-2		
	A-A2D2	1	2437374	adapter B card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	Drive C					
	2F-A1B2	30	6493738	Access Control card		
	2F-A1C2	27	6493724	Data Converter card		
				6493735		Data Converter card
	2F-A1D2	5	6493726	Servo card 10SR-2		
				6493737		Servo card 10SR-2
	2F-A1E2	5	1615508	cable		
	2F-A1E5	5	1615509	cable		
2F-W1B1	5	6493732	Data channel card			
2F-HDA	5	6493600	Head Disk asm 10SR-2			
A-A2C4	1	2437374	adapter C card 10SR			
A-A2E2	1	2462228	Data stor adapter 1 cd			
Drive D						
2G-A1B2	30	6493738	Access Control card			
2G-A1C2	27	6493724	Data Converter card			
			6493735	Data Converter card		
2G-A1D2	5	6493726	Servo card 10SR-2			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AAA	Drive A				Temporary error occurred.  Error was one of the following: * Data Unsafe - Write and not ready both active - Write not active and AE unsafe with an AE selected * Servo Interrupt - (Not) Power Good - Disk speed / VCO check  (See MIM 97-518)
	1F-A1C2	43	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-A1B2	42	6493738	Access Control card	
	1F-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1F-A1E2	1	1615508	cable	
	1F-A1E5	1	1615509	cable	
	1F-W1B1	1	6493732	Data channel card	
	1F-HDA	1	6493600	Head Disk asm 10SR-2	
	Drive B				
	1G-A1C2	43	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-A1B2	42	6493738	Access Control card	
	1G-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	1G-A1E2	1	1615508	cable	
	1G-A1E5	1	1615509	cable	
	1G-W1B1	1	6493732	Data channel card	
	1G-HDA	1	6493600	Head Disk asm 10SR-2	
	Drive C				
	2F-A1C2	43	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-A1B2	42	6493738	Access Control card	
	2F-A1D2	1	6493726	Servo card 10SR-2	
			6493737	Servo card 10SR-2	
	2F-A1E2	1	1615508	cable	
	2F-A1E5	1	1615509	cable	
	2F-W1B1	1	6493732	Data channel card	
	2F-HDA	1	6493600	Head Disk asm 10SR-2	
	Drive D				
	2G-A1C2	43	6493724	Data Converter card	
		6493735	Data Converter card		
2G-A1B2	42	6493738	Access Control card		
2G-A1D2	1	6493726	Servo card 10SR-2		
		6493737	Servo card 10SR-2		
2G-A1E2	1	1615508	cable		
2G-A1E5	1	1615509	cable		
2G-W1B1	1	6493732	Data channel card		
2G-HDA	1	6493600	Head Disk asm 10SR-2		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AAb	Drive A				Temporary error occurred.	
	1F-A1D2	34	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	Error was one of the following:  * Sector Check * Disk Write Data Check * Servo Interrupt - Servo off track - Unexpected guard band - Seek time-out - PLO out of sync	
	1F-A1B2	28	6493738	Access Control card		
	1F-A1C2	26	6493724 6493735	Data Converter card Data Converter card		
	1F-W1B1	1	6493732	Data channel card		
	1F-A1E5	1	1615509	cable		
	1F-HDA	1	6493600	Head Disk asm 10SR-2		
	1F-VCM	1	5811836	VCM Drive assembly		
	Drive B					See MIM 97-508/97-518 for additional information on these errors. "HDA" - Head/Disk Asm "VCM" - VCM Driver Asm
	1G-A1D2	34	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2		
	1G-A1B2	28	6493738	Access Control card		
	1G-A1C2	26	6493724 6493735	Data Converter card Data Converter card		
	1G-W1B1	1	6493732	Data channel card		
	1G-A1E5	1	1615509	cable		
	1G-HDA	1	6493600	Head Disk asm 10SR-2		
	1G-VCM	1	5811836	VCM Drive assembly		
	Drive C					
	2F-A1D2	34	6493726 6493737	Servo card 10SR-2 Servo card 1CSR-2		
	2F-A1B2	28	6493738	Access Control card		
	2F-A1C2	26	6493724 6493735	Data Converter card Data Converter card		
	2F-W1B1	1	6493732	Data channel card		
	2F-A1E5	1	1615509	cable		
	2F-HDA	1	6493600	Head Disk asm 10SR-2		
	2F-VCM	1	5811836	VCM Drive assembly		
	Drive D					
	2G-A1D2	34	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2		
	2G-A1B2	28	6493738	Access Control card		
	2G-A1C2	26	6493724 6493735	Data Converter card Data Converter card		
	2G-W1B1	1	6493732	Data channel card		
	2G-A1E5	1	1615509	cable		
	2G-HDA	1	6493600	Head Disk asm 10SR-2		
	2G-VCM	1	5811836	VCM Drive assembly		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AAC	Drive A				Temporary error occurred.  Error was one of the following: * Disk Format Check * Data Unsafe - AE unsafe without an AE selected See MIM 97-508/97-518 for additional information on these errors  "HDA" - Head/disk Asm
	1F-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	1F-HDA	16	6493600	Head Disk asm 10SR-2	
	1F-A1E2	15	1615508	cable	
	1F-A1A3	12	8636632	cable	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1B2	1	6493738	Access Control card	
	1F-W1B1	1	6493732	Data channel card	
	Drive B				
	1G-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	1G-HDA	16	6493600	Head Disk asm 10SR-2	
	1G-A1E2	15	1615508	cable	
	1G-A1A3	12	8636632	cable	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1B2	1	6493738	Access Control card	
	1G-W1B1	1	6493732	Data channel card	
	Drive C				
	2F-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	2F-HDA	16	6493600	Head Disk asm 10SR-2	
	2F-A1E2	15	1615508	cable	
	2F-A1A3	12	8636632	cable	
	A-A2C4	1	2437374	adapter C card 10SR	
	2F-A1B2	1	6493738	Access Control card	
	2F-W1B1	1	6493732	Data channel card	
	Drive D				
	2G-A1C2	45	6493724	Data Converter card	
			6493735	Data Converter card	
	2G-HDA	16	6493600	Head Disk asm 10SR-2	
	2G-A1E2	15	1615508	cable	
2G-A1A3	12	8636632	cable		
A-A2D4	1	2437374	adapter D card 10SR		
2G-A1B2	1	6493738	Access Control card		
2G-W1B1	1	6493732	Data channel card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AAF	Drive A Media	30			Temporary error occurred.  Error was one of the following: * Sync Not Found Check * CRC/ECC Check * No Record Found Check  See MIM 97-508 for additional information on these errors. "HDA" - Head/Disk Asm "Media" - Bad data  Corrective Action: Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA.
	1F-A1C2	20	6493724 6493735	Data Converter card Data Converter card	
	1F-A1B2	10	6493738	Access Control card	
	1F-HDA	1	6493600	Head Disk asm 10SR-2	
	1F-A1E2	1	1615508	cable	
	1F-W1B1	1	6493732	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	1F-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	1F-A1A3	1	8636632	cable	
	Drive B Media	30			
	1G-A1C2	20	6493724 6493735	Data Converter card Data Converter card	
	1G-A1B2	10	6493738	Access Control card	
	1G-HDA	1	6493600	Head Disk asm 10SR-2	
	1G-A1E2	1	1615508	cable	
	1G-W1B1	1	6493732	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	1G-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	1G-A1A3	1	8636632	cable	
	Drive C Media	30			
	2F-A1C2	20	6493724 6493735	Data Converter card Data Converter card	
	2F-A1B2	10	6493738	Access Control card	
	2F-HDA	1	6493600	Head Disk asm 10SR-2	
	2F-A1E2	1	1615508	cable	
	2F-W1B1	1	6493732	Data channel card	
	A-A2C4	1	2437374	adapter C card 10SR	
	2F-A1D2	1	6493726 6493737	Servo card 10SR-2 Servo card 10SR-2	
	2F-A1A3	1	8636632	cable	
	Drive D Media	30			
	2G-A1C2	20	6493724 6493735	Data Converter card Data Converter card	
	2G-A1B2	10	6493738	Access Control card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ab0	Drive A				Temporary error occurred. "Cable Continuity Check" Corrective Action: Rr seat cards and cables. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	33	2439875	Access Control card	
	A-A2C2	33	2437374	adapter A card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	Drive B				
	G-A1B2	33	2439875	Access Control card	
	A-A2D2	33	2437374	adapter B card 10SR	
	G-A1A3	27	8636632	cable	
	G-A1A4	1	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	Drive C				
	F-A1B2	33	2439875	Access Control card	
	A-A2C4	33	2437374	adapter C card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	Drive D				
	G-A1B2	33	2439875	Access Control card	
A-A2D4	33	2437374	adapter D card 10SR		
G-A1A3	27	8636632	cable		
G-A1A4	1	8636632	cable		
G-A1A5	1	1615662	Terminator card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ab2	Drive A				Temporary error occurred.
	A-A2C2	43	2437374	adapter A card 10SR	
	F-A1B2	28	2439875	Access Control card	Drive A F-XXXX card
	F-A1A4	22	8636632	cable	locations are actually
	F-A1A5	1	1615662	Terminator card	1F-XXXX.
	F-A1A3	1	8636632	cable	Drive B G-XXXX card
	Drive B				locations are actually
	A-A2D2	43	2437374	adapter B card 10SR	1G-XXXX.
	G-A1B2	28	2439875	Access Control card	
	G-A1A4	22	8636632	cable	
	G-A1A5	1	1615662	Terminator card	Drive C F-XXXX card
	G-A1A3	1	8636632	cable	locations are actually
	Drive C				2F-XXXX.
	A-A2C4	43	2437374	adapter C card 10SR	
	F-A1B2	28	2439875	Access Control card	
	F-A1A4	22	8636632	cable	Drive D G-XXXX card
	F-A1A5	1	1615662	Terminator card	locations are actually
	F-A1A3	1	8636632	cable	2G-XXXX.
	Drive D				
	A-A2D4	43	2437374	adapter D card 10SR	
G-A1B2	28	2439875	Access Control card		
G-A1A4	22	8636632	cable		
G-A1A5	1	1615662	Terminator card		
G-A1A3	1	8636632	cable		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ab4	Drive A F-A1C2	57	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Temporary error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	A-A2C2	29	2437374	adapter A card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	Drive B G-A1C2	57	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D2	29	2437374	adapter B card 10SR	
	G-A1A3	27	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-A1A3	1	8636632	cable	
	Drive C F-A1C2	57	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	A-A2C4	29	2437374	adapter C card 10SR	
	F-A1A3	27	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	Drive D G-A1C2	57	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D4	29	2437374	adapter D card 10SR	
	G-A1A3	27	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-A1A3	1	8636632	cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AbA	Drive A				Temporary error occurred. Go to MAP 9700, A.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	41	2439875	Access Control card	
	A-A2C2	28	2437374	adapter A card 10SR	
	F-A1A4	11	8636632	cable	
	F-A1A5	9	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive B				
	G-A1B2	41	2439875	Access Control card	
	A-A2D2	28	2437374	adapter B card 10SR	
	G-A1A4	11	8636632	cable	
	G-A1A5	9	1615662	Terminator card	
	G-A1A3	1	8636632	cable	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	Drive C				
	F-A1B2	41	2439875	Access Control card	
	A-A2C4	28	2437374	adapter C card 10SR	
	F-A1A4	11	8636632	cable	
	F-A1A5	9	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
A-A2E2	1	2462228	Data stor adapter 1 cd		
Drive D					
G-A1B2	41	2439875	Access Control card		
A-A2D4	28	2437374	adapter D card 10SR		
G-A1A4	11	8636632	cable		
G-A1A5	9	1615662	Terminator card		
G-A1A3	1	8636632	cable		
A-A2E2	1	2462228	Data stor adapter 1 cd		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1Abb	Drive A				Temporary error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.	
	F-A1B2	61	2439875	Access Control card		
	F-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615639		Data Converter card
	F-A1D2	6	5811834	Servo card 10SR-1		
				5811890		Servo card 10SR-1
				1615367		Servo card 10SR-1
	A-A2C2	1	2437374	adapter A card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	F-A1A5	1	1615662	Terminator card		
	F-A1A4	1	8636632	cable		
	Drive B					
	G-A1B2	61	2439875	Access Control card		
	G-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	G-A1D2	6	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	A-A2D2	1	2437374	adapter B card 10SR		
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	G-A1A5	1	1615662	Terminator card		
	G-A1A4	1	8636632	cable		
	Drive C					
	F-A1B2	61	2439875	Access Control card		
	F-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615639		Data Converter card
	F-A1D2	6	5811834	Servo card 10SR-1		
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
A-A2C4	1	2437374	adapter C card 10SR			
A-A2E2	1	2462228	Data stor adapter 1 cd			
F-A1A5	1	1615662	Terminator card			
F-A1A4	1	8636632	cable			
Drive D						
G-A1B2	61	2439875	Access Control card			
G-A1C2	24	1615631	Data Converter card			
			1615632	Data Converter card		
			1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AbC	Drive A				Temporary error occurred.
	F-A1B2	37	2439875	Access Control card	
	A-A2C2	25	2437374	adapter A card 10SR	Drive A F-XXXX card
	F-A1A3	14	8636632	cable	locations are actually
	F-A1A4	11	8636632	cable	1F-XXXX.
	F-A1A5	10	1615662	Terminator card	
	F-A1C2	1	1615631	Data Converter card	Drive B G-XXXX card
				1615632	locations are actually
				1615639	1G-XXXX.
	Drive B				
	G-A1B2	37	2439875	Access Control card	
	A-A2D2	25	2437374	adapter B card 10SR	Drive C F-XXXX card
	G-A1A3	14	8636632	cable	locations are actually
	G-A1A4	11	8636632	cable	2F-XXXX.
	G-A1A5	10	1615662	Terminator card	
	G-A1C2	1	1615631	Data Converter card	Drive D G-XXXX card
				1615632	locations are actually
				1615339	2G-XXXX.
	Drive C				
	F-A1B2	37	2439875	Access Control card	
	A-A2C4	25	2437374	adapter C card 10SR	
	F-A1A3	14	8636632	cable	
	F-A1A4	11	8636632	cable	
	F-A1A5	10	1615662	Terminator card	
	F-A1C2	1	1615631	Data Converter card	
				1615632	
				1615639	
	Drive D				
G-A1B2	37	2439875	Access Control card		
A-A2D4	25	2437374	adapter D card 10SR		
G-A1A3	14	8636632	cable		
G-A1A4	11	8636632	cable		
G-A1A5	10	1615662	Terminator card		
G-A1C2	1	1615631	Data Converter card		
			1615632		
			1615339		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Abd	Drive A				Temporary error occurred.
	F-A1B2	64	2439875	Access Control card	
	A-A2C2	13	2437374	adapter A card 10SR	Drive A F-XXXX card
	F-A1C2	11	1615631	Data Converter card	locations are actually
			1615632	Data Converter card	1F-XXXX.
			1615639	Data Converter card	
	F-A1A5	1	1615662	Terminator card	Drive B G-XXXX card
	F-A1A4	1	8636632	cable	locations are actually
	F-A1A3	1	8636632	cable	1G-XXXX.
	Drive B				
	G-A1B2	64	2439875	Access Control card	
	A-A2D2	13	2437374	adapter B card 10SR	Drive C F-XXXX card
	G-A1C2	11	1615631	Data Converter card	locations are actually
			1615632	Data Converter card	2F-XXXX.
			1615339	Data Converter card	
	G-A1A5	1	1615662	Terminator card	
	G-A1A4	1	8636632	cable	
	G-A1A3	1	8636632	cable	Drive D G-XXXX card
	Drive C				locations are actually
	F-A1B2	64	2439875	Access Control card	2G-XXXX.
	A-A2C4	13	2437374	adapter C card 10SR	
	F-A1C2	11	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A5	1	1615662	Terminator card	
	F-A1A4	1	8636632	cable	
	F-A1A3	1	8636632	cable	
	Drive D				
G-A1B2	64	2439875	Access Control card		
A-A2D4	13	2437374	adapter D card 10SR		
G-A1C2	11	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1A5	1	1615662	Terminator card		
G-A1A4	1	8636632	cable		
G-A1A3	1	8636632	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AbE	Drive A				Temporary error occurred.	
	F-A1B2	46	2439875	Access Control card		
	A-A2C2	16	2437374	adapter A card 10SR	Drive A F-XXXX card locations are actually 1F-XXXX.	
	F-A1C2	15	1615631	Data Converter card		
				1615632	Data Converter card	
				1615639	Data Converter card	
	A-A2E2	7	2462228	Data stor adapter 1 cd		
	F-A1A4	1	8636632	cable		
	F-A1A3	1	8636632	cable	Drive B G-XXXX card locations are actually 1G-XXXX.	
	F-A1A5	1	1615662	Terminator card		
	F-A1D2	1	5811834	Servo card 10SR-1		
				5811890	Servo card 10SR-1	
				1615367	Servo card 10SR-1	
	Channel	1				
	Drive B					
	G-A1B2	46	2439875	Access Control card		
	A-A2D2	16	2437374	adapter B card 10SR	Drive C F-XXXX card locations are actually 2F-XXXX.	
	G-A1C2	15	1615631	Data Converter card		
				1615632	Data Converter card	
				1615339	Data Converter card	
	A-A2E2	7	2462228	Data stor adapter 1 cd		
	G-A1A4	1	8636632	cable		
	G-A1A3	1	8636632	cable		
	G-A1A5	1	1615662	Terminator card		
	G-A1D2	1	5811834	Servo card 10SR		
				5811890	Servo card 10SR	Drive D G-XXXX card locations are actually 2G-XXXX.
				1615367	Servo card 10SR	
	Channel	1				
	Drive C					
	F-A1B2	46	2439875	Access Control card		
	A-A2C4	16	2437374	adapter C card 10SR		
	F-A1C2	15	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
A-A2E2	7	2462228	Data stor adapter 1 cd			
F-A1A4	1	8636632	cable			
F-A1A3	1	8636632	cable			
F-A1A5	1	1615662	Terminator card			
F-A1D2	1	5811834	Servo card 10SR-1			
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC0	Drive A				Temporary error occurred. "Unseated card or cable check" Corrective Action: Reseat all 10SR CSA cards and cables. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	50	2439875	Access Control card	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E2	1	1615508	cable	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	F-W1B1	1	2439838	Data channel card	
	Drive B				
	G-A1B2	50	2439875	Access Control card	
	G-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1E2	1	1615508	cable	
	G-A1E5	1	1615509	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	
	G-W1B1	1	2439838	Data channel card	
	Drive C				
	F-A1B2	50	2439875	Access Control card	
	F-A1C2	1	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
F-A1E2	1	1615508	cable		
F-A1E5	1	1615509	cable		
F-HDA	1	1615600	Head Disk asm 10SR		
F-W1B1	1	2439838	Data channel card		
Drive D					
G-A1B2	50	2439875	Access Control card		
G-A1C2	1	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC1	Drive A F-A1B2	98	2439875	Access Control card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1F-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	Drive B G-A1B2	98	2439875	Access Control card	
	Drive C F-A1B2	98	2439875	Access Control card	
	Drive D G-A1B2	98	2439875	Access Control card	
1AC2	Drive A F-A1B2 F-A1A3	66 33	2439875 8636632	Access Control card cable	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	Drive B G-A1B2 G-A1A3	66 33	2439875 8636632	Access Control card cable	
	Drive C F-A1B2 F-A1A3	66 33	2439875 8636632	Access Control card cable	
	Drive D G-A1B2 G-A1A3	66 33	2439875 8636632	Access Control card cable	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC3	Drive A F-A1C2	98	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	Drive B G-A1C2	98	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	Drive C F-A1C2	98	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	Drive D G-A1C2	98	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC5	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	82	2439875	Access Control card	
	F-A1C2	17	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	Drive B				
	G-A1B2	82	2439875	Access Control card	
	G-A1C2	17	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	Drive C				
	F-A1B2	82	2439875	Access Control card	
F-A1C2	17	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
Drive D					
G-A1B2	82	2439875	Access Control card		
G-A1C2	17	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC6	Drive A F-A1C2	60	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2 F-A1A3	35 1	2439875 8636632	Access Control card cable	
	Drive B G-A1C2	60	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2 G-A1A3	35 1	2439875 8636632	Access Control card cable	
	Drive C F-A1C2	60	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-A1B2 F-A1A3	35 1	2439875 8636632	Access Control card cable	
	Drive D G-A1C2	60	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2 G-A1A3	35 1	2439875 8636632	Access Control card cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC7	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	64	2439875	Access Control card	
	F-A1C2	35	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A3	1	8636632	cable	
	Drive B				
	G-A1B2	64	2439875	Access Control card	
	G-A1C2	35	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A3	1	8636632	cable	
Drive C					
F-A1B2	64	2439875	Access Control card		
F-A1C2	35	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1A3	1	8636632	cable		
Drive D					
G-A1B2	64	2439875	Access Control card		
G-A1C2	35	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1A3	1	8636632	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AC8	Drive A F-A1C2	70	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	30	2439875	Access Control card	
	Drive B G-A1C2	70	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2	30	2439875	Access Control card	
	Drive C F-A1C2	70	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-A1B2	30	2439875	Access Control card	
	Drive D G-A1C2	70	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2	30	2439875	Access Control card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1ACA	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2	71	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-W1B1	18	2439838	Data channel card	
	F-A1E2	10	1615508	cable	
	Drive B				
	G-A1C2	71	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-W1B1	18	2439838	Data channel card	
	G-A1E2	10	1615508	cable	
	Drive C				
	F-A1C2	71	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
F-W1B1	18	2439838	Data channel card		
F-A1E2	10	1615508	cable		
Drive D					
G-A1C2	71	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-W1B1	18	2439838	Data channel card		
G-A1E2	10	1615508	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1ACb	Drive A F-A1C2	44	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-W1B1 F-A1E2	35 20	2439838 1615508	Data channel card cable	
	Drive B G-A1C2	44	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-W1B1 G-A1E2	35 20	2439838 1615508	Data channel card cable	
	Drive C F-A1C2	44	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-W1B1 F-A1E2	35 20	2439838 1615508	Data channel card cable	
	Drive D G-A1C2	44	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-W1B1 G-A1E2	35 20	2439838 1615508	Data channel card cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ad0	Drive A F-A1D2	98	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
	Drive B G-A1D2	98	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	Drive C F-A1D2	98	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	Drive D G-A1D2	98	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ad2	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	50	2439875	Access Control card	
	F-A1A3	27	8636632	cable	
	F-A1D2	22	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	Drive B				
	G-A1B2	50	2439875	Access Control card	
	G-A1A3	27	8636632	cable	
	G-A1D2	22	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
Drive C					
F-A1B2	50	2439875	Access Control card		
F-A1A3	27	8636632	cable		
F-A1D2	22	5811834	Servo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
Drive D					
G-A1B2	50	2439875	Access Control card		
G-A1A3	27	8636632	cable		
G-A1D2	22	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ad4	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	67	2439875	Access Control card	
	F-A1C2	25	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	7	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	Drive B				
	G-A1B2	67	2439875	Access Control card	
	G-A1C2	25	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	7	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	Drive C				
	F-A1B2	67	2439875	Access Control card	
	F-A1C2	25	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	7	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
Drive D					
G-A1B2	67	2439875	Access Control card		
G-A1C2	25	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1D2	7	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ad5	Drive A F-A1D2	87	5811834	Servo card 10SR-1	Temporary error occurred Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX. Drive C F-XXXX card locations are actually 2F-XXXX. Drive D G-XXXX card locations are actually 2G-XXXX.
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1C2	12	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	Drive B G-A1D2	87	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1C2	12	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
Drive C F-A1D2	87	5811834	S. rvo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
F-A1C2	12	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
Drive D G-A1D2	87	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-A1C2	12	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1Ad8	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCMi Driver Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1D2	71	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1C2	12	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	10	2439875	Access Control card	
	F-VCM	1	5811836	VCM Drive assembly	
	Drive B				
	G-A1D2	71	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1C2	12	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	10	2439875	Access Control card	
	G-VCM	1	5811836	VCM Drive assembly	
	Drive C				
	F-A1D2	71	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1C2	12	1615631	Data Converter card	
			1615632	Data Converter card	
		1615639	Data Converter card		
F-A1B2	10	2439875	Access Control card		
F-VCM	1	5811836	VCM Drive assembly		
Drive D					
G-A1D2	71	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-A1C2	12	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1B2	10	2439875	Access Control card		
G-VCM	1	5811836	VCM Drive assembly		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AdA	Drive A F-A1D2	60	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Temporary error occurred.  Drive A F-XXXX card locations are actually 1F-XXXX. Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2	27	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	Drive B G-A1D2	60	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1C2	27	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	Drive C F-A1D2	60	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1C2	27	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	A-A2C4	1	2437374	adapter C card 10SR	
	F-A1A3	1	8636632	cable	
	Drive D G-A1D2	60	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1C2	27	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	A-A2D4	1	2437374	adapter D card 10SR	
	G-A1A3	1	8636632	cable	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AdC	Drive A F-A1D2	49	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head, Disk Asm "Media" - Bad data Corrective Action: Run Analysis (MIM 01-730) to check for bac sector ID or bad data written on the HDA. Drive B G-XXXX card-730) locations are actually 1G-XXXX.	
	F-A1E5	26	1615509	cable		
	F-HDA Media	14 10	1615600	Head Disk asm 10SR		
	Drive B G-A1D2	49	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR		Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	G-A1E5	26	1615509	cable		
	G-HDA Media	14 10	1615600	Head Disk asm 10SR		
	Drive C F-A1D2	49	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1		
	F-A1E5	26	1615509	cable		
	F-HDA Media	14 10	1615600	Head Disk asm 10SR		
	Drive D G-A1D2	49	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR		
	G-A1E5	26	1615509	cable		
	G-HDA Media	14 10	1615600	Head Disk asm 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AE0	Drive A				Temporary error occurred.	
	F-A1B2	48	2439875	Access Control card	Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm	
	F-A1C2	24	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
	F-A1D2	15	5811834	Servo card 10SR-1		
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
	A-A2C2	1	2437374	adapter A card 10SR		"HDA" - Head/Disk Asm
	F-VCM	1	5811836	VCM Drive assembly		Drive B G-XXXX card locations are actually 1G-XXXX.
	F-A1E5	1	1615509	cable		
	F-A1A5	1	1615662	Terminator card		
	F-A1A4	1	8636632	cable		
	F-A1A3	1	8636632	cable		
	F-HDA	1	1615600	Head Disk asm 10SR		
	F-A1E2	1	1615508	cable		
	Drive B					
	G-A1B2	48	2439875	Access Control card	Drive C F-XXXX card locations are actually 2F-XXXX.	
	G-A1C2	24	1615631	Data Converter card		
			1615632	Data Converter card		
			1615339	Data Converter card		
	G-A1D2	15	5811834	Servo card 10SR		
			5811890	Servo card 10SR		
			1615367	Servo card 10SR		
	A-A2D2	1	2437374	adapter B card 10SR		Drive D G-XXXX card locations are actually 2G-XXXX.
	G-VCM	1	5811836	VCM Drive assembly		
	G-A1E5	1	1615509	cable		
	G-A1A5	1	1615662	Terminator card		
	G-A1A4	1	8636632	cable		
	G-A1A3	1	8636632	cable		
	G-HDA	1	1615600	Head Disk asm 10SR		
	G-A1E2	1	1615508	cable		
	Drive C					
F-A1B2	48	2439875	Access Control card			
F-A1C2	24	1615631	Data Converter card			
		1615632	Data Converter card			
		1615639	Data Converter card			
F-A1D2	15	5811834	Servo card 10SR-1			
		5811890	Servo card 10SR-1			
		1615367	Servo card 10SR-1			
A-A2C4	1	2437374	adapter C card 10SR			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AE1	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm  Drive B G-XXXX card locations are actually 1G-XXXX  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	54	2439875	Access Control card	
	F-A1C2	23	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	19	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	Drive B				
	G-A1B2	54	2439875	Access Control card	
	G-A1C2	23	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	19	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-VCM	1	5811836	VCM Drive assembly	
	G-A1E5	1	1615509	cable	
	Drive C				
	F-A1B2	54	2439875	Access Control card	
	F-A1C2	23	1615631	Data Converter card	
			1615632	Data Converter card	
		1615639	Data Converter card		
F-A1D2	19	5811834	Servo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
F-VCM	1	5811836	VCM Drive assembly		
F-A1E5	1	1615509	cable		
Drive D					
G-A1B2	54	2439875	Access Control card		
G-A1C2	23	1615631	Data Converter card		
		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1D2	19	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-VCM	1	5811836	VCM Drive assembly		
G-A1E5	1	1615509	cable		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AE3	Drive A F-A1C2	39	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.  "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2 F-A1D2	33 1	2439875 5811834 5811890 1615367	Access Control card Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5 F-HDA	1 1	1615509 1615600	cable Head Disk asm 10SR	
	Drive B G-A1C2	39	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2 G-A1D2	33 1	2439875 5811834 5811890 1615367	Access Control card Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5 G-HDA	1 1	1615509 1615600	cable Head Disk asm 10SR	
	Drive C F-A1C2	39	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-A1B2 F-A1D2	33 1	2439875 5811834 5811890 1615367	Access Control card Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1E5 F-HDA	1 1	1615509 1615600	cable Head Disk asm 10SR	
	Drive D G-A1C2	39	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-A1B2 G-A1D2	33 1	2439875 5811834 5811890 1615367	Access Control card Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1E5 G-HDA	1 1	1615509 1615600	cable Head Disk asm 10SR	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AE4	Drive A	48	1615631	Data Converter card	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head / Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1C2		1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	25	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E5	13	1615509	cable	
	F-HDA	12	1615600	Head Disk asm 10SR	
	Drive B	48	1615631	Data Converter card	
	G-A1C2		1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1D2	25	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1E5	13	1615509	cable	
	G-HDA	12	1615600	Head Disk asm 10SR	
	Drive C	48	1615631	Data Converter card	
	F-A1C2		1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1D2	25	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E5	13	1615509	cable	
	F-HDA	12	1615600	Head Disk asm 10SR	
Drive D	48	1615631	Data Converter card		
G-A1C2		1615632	Data Converter card		
		1615339	Data Converter card		
G-A1D2	25	5811834	Servo card 10SR		
		5811890	Servo card 10SR		
		1615367	Servo card 10SR		
G-A1E5	13	1615509	cable		
G-HDA	12	1615600	Head Disk asm 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AE5	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.	
	F-A1C2	45	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
	F-A1B2	25	2439875	Access Control card		
	F-A1E2	15	1615508	cable		
	F-HDA	12	1615600	Head Disk asm 10SR		
	Drive B					
	G-A1C2	45	1615631	Data Converter card		Drive C F-XXXX card locations are actually 2F-XXXX.
			1615632	Data Converter card		
			1615339	Data Converter card		
	G-A1B2	25	2439875	Access Control card		
	G-A1E2	15	1615508	cable		
	G-HDA	12	1615600	Head Disk asm 10SR		
	Drive C				Drive D G-XXXX card locations are actually 2G-XXXX.	
	F-A1C2	45	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
	F-A1B2	25	2439875	Access Control card		
	F-A1E2	15	1615508	cable		
	F-HDA	12	1615600	Head Disk asm 10SR		
	Drive D					
	G-A1C2	45	1615631	Data Converter card		
			1615632	Data Converter card		
		1615339	Data Converter card			
G-A1B2	25	2439875	Access Control card			
G-A1E2	15	1615508	cable			
G-HDA	12	1615600	Head Disk asm 10SR			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AE7	Drive A F-A1D2	31	5811834	Servo card 10SR-1	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.  "DA" - Head/Disk Asm "VCM" - VCM Driver Asm  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	13	2439875	Access Control card	
	F-W1B1	10	2439838	Data channel card	
	F-A1E2	1	1615508	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	F-VCM	1	5811836	VCM Drive assembly	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	Drive B G-A1D2	31	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1C2	27	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	13	2439875	Access Control card	
	G-W1B1	10	2439838	Data channel card	
	G-A1E2	1	1615508	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	
	G-VCM	1	5811836	VCM Drive assembly	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	Drive C F-A1D2	31	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1C2	27	1615631	Data Converter card	
	1615632		Data Converter card		
	1615639		Data Converter card		
F-A1B2	13	2439875	Access Control card		
F-W1B1	10	2439838	Data channel card		
F-A1E2	1	1615508	cable		
F-HDA	1	1615600	Head Disk asm 10SR		
F-VCM	1	5811836	VCM Drive assembly		
A-A2C4	1	2437374	adapter C card 10SR		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AE8	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm  "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1D2	44	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1B2	31	2439875	Access Control card	
	F-A1C2	18	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Drive B				
	G-A1D2	44	5811834 5811890 1615367	Servo card 10SP Servo card 10SR Servo card 10SR	
	G-A1B2	31	2439875	Access Control card	
	G-A1C2	18	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	
	G-VCM	1	5811836	VCM Drive assembly	
	G-A1E5	1	1615509	cable	
	G-HDA	1	1615600	Head Disk asm 10SR	
	Drive C				
	F-A1D2	44	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	
	F-A1B2	31	2439875	Access Control card	
	F-A1C2	18	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Drive D				
	G-A1D2	44	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR	
	G-A1B2	31	2439875	Access Control card	
	G-A1C2	18	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AE9	Drive A F-A1D2	45	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1	Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "VCM" - VCM Driver Asm "HDA" - Head/Disk Asm Corrective Action: Reseat power distribution cables to 10SR. Check "Power Good" (FLD GA915) Drive B G-XXXX card locations are actually 1G-XXXX.	
	F-A1B2	27	2439875	Access Control card		
	F-A1C2	21	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card		
	F-VCM	1	5811836	VCM Drive assembly cable		
	F-A1E5	1	1615509			
	F-HDA	1	1615600	Head Disk asm 10SR		
	Power	1				
	Drive B G-A1D2	45	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR		Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	G-A1B2	27	2439875	Access Control card		
	G-A1C2	21	1615631 1615632 1615339	Data Converter card Data Converter card Data Converter card		
	G-VCM	1	5811836	VCM Drive assembly cable		
	G-A1E5	1	1615509			
	G-HDA	1	1615600	Head Disk asm 10SR		
	Power	1				
	Drive C F-A1D2	45	5811834 5811890 1615367	Servo card 10SR-1 Servo card 10SR-1 Servo card 10SR-1		
	F-A1B2	27	2439875	Access Control card		
	F-A1C2	21	1615631 1615632 1615639	Data Converter card Data Converter card Data Converter card		
	F-VCM	1	5811836	VCM Drive assembly cable		
	F-A1E5	1	1615509			
	F-HDA	1	1615600	Head Disk asm 10SR		
	Power	1				
	Drive D G-A1D2	45	5811834 5811890 1615367	Servo card 10SR Servo card 10SR Servo card 10SR		

CONTINUED ON

FRAME A01

CARD 04

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SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AEA	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm	
	F-A1C2	30	1615631	Data Converter card		
			1615632	Data Converter card		
			1615639	Data Converter card		
	F-A1B2	33	2439875	Access Control card		
	F-W1B1	8	2439838	Data channel card		
	F-HDA	7	1615600	Head Disk asm 10SR		
	F-A1E2	1	1615508	cable		
	A-A2C2	1	2437374	adapter A card 10SR		
	F-A1A3	1	8636632	cable		
	F-A1D2	1	5811834	Servo card 10SR-1		Drive B G-XXXX card locations are actually 1G-XXXX.
			5811890	Servo card 10SR-1		
			1615367	Servo card 10SR-1		
	F-A1E5	1	1615509	cable		
	F-A1A5	1	1615662	Terminator card		
	F-A1A4	1	8636632	cable		
	Drive B					
	G-A1C2	30	1615631	Data Converter card	Drive C F-XXXX card locations are actually 2F-XXXX.	
			1615632	Data Converter card		
			1615339	Data Converter card		
	G-A1B2	33	2439875	Access Control card		
	G-W1B1	8	2439838	Data channel card		
	G-HDA	7	1615600	Head Disk asm 10SR		
	G-A1E2	1	1615508	cable		
	A-A2D2	1	2437374	adapter B card 10SR		
	G-A1A3	1	8636632	cable		
	G-A1D2	1	5811834	Servo card 10SR		
			5811890	Servo card 10SR		
			1615367	Servo card 10SR		
	G-A1E5	1	1615509	cable		
	G-A1A5	1	1615662	Terminator card		Drive D G-XXXX card locations are actually 2G-XXXX.
	G-A1A4	1	8636632	cable		
	Drive C					
F-A1C2	30	1615631	Data Converter card			
		1615632	Data Converter card			
		1615639	Data Converter card			
F-A1B2	33	2439875	Access Control card			
F-W1B1	8	2439838	Data channel card			
F-HDA	7	1615600	Head Disk asm 10SR			
F-A1E2	1	1615508	cable			
A-A2C4	1	2437374	adapter C card 10SR			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AEb	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX. Corrective Action: Reseat power distribution cables to 10SR. Check "Power Good"(FLD GA915). Reseat cards and cables. "HDA" - Head/Disk Asm Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
	F-A1B2	57	2439875	Access Control card	
	F-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1E2	1	1615508	cable	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-W1B1	1	2439838	Data channel card	
	Power	1			
	F-A1E5	1	1615509	cable	
	F-HDA	1	1515600	Head Disk asm 10SR	
	Drive B				
	G-A1B2	57	2439875	Access Control card	
	G-A1C2	18	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1E2	1	1615508	cable	
	G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-W1B1	1	2439838	Data channel card	
	Power	1			
G-A1E5	1	1615509	cable		
G-HDA	1	1615600	Head Disk asm 10SR		
Drive C					
F-A1B2	57	2439875	Access Control card		
F-A1C2	18	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1E2	1	1615508	cable		
F-A1D2	1	5811834	Servo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
F-W1B1	1	2439838	Data channel card		
Power	1				
F-A1E5	1	1615509	cable		
F-HDA	1	1615600	Head Disk asm 10SR		
Drive D					



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
1AEC	Drive A				Temporary error occurred. Drive A F-XXXX card locations are actually 1F-XXXX.  "VCM" - VCM Driver Asm  "HDA" - Head/Disk Asm  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually	
	F-A1B2	32	2439875	Access Control card		
	F-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615639		Data Converter card
	F-A1D2	23	5811834	Servo card 10SR-1		
				5811890		Servo card 10SR-1
				1615367		Servo card 10SR-1
	F-A1E2	1	1615508	cable		
	F-VCM	1	5811836	VCM Drive assembly		
	F-A1E5	1	1615509	cable		
	A-A2D2	1	2437374	adapter B card 10SR		
	F-HDA	1	1615600	Head Disk asm 10SR		
	F-W1B1	1	2439838	Data channel card		
	F-A1A5	1	1615662	Terminator card		
	F-A1A3	1	8636632	cable		
	F-A1A4	1	8636632	cable		
	Drive B					
	G-A1B2	32	2439875	Access Control card		
	G-A1C2	24	1615631	Data Converter card		
				1615632		Data Converter card
				1615339		Data Converter card
	G-A1D2	23	5811834	Servo card 10SR		
				5811890		Servo card 10SR
				1615367		Servo card 10SR
	G-A1E2	1	1615508	cable		
	G-VCM	1	5811836	VCM Drive assembly		
	G-A1E5	1	1615509	cable		
	A-A2D2	1	2437374	adapter B card 10SR		
	G-HDA	1	1615600	Head Disk asm 10SR		
	G-W1B1	1	2439838	Data channel card		
	G-A1A5	1	1615662	Terminator card		
G-A1A3	1	8636632	cable			
G-A1A4	1	8636632	cable			
Drive C						
F-A1B2	32	2439875	Access Control card			
F-A1C2	24	1615631	Data Converter card			
			1615632	Data Converter card		
			1615639	Data Converter card		
F-A1D2	23	5811834	Servo card 10SR-1			
			5811890	Servo card 10SR-1		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AEd	Drive A F-A1C2	36	1615631	Data Converter card	Temporary error occurred.  "HDA" - Head/Disk Asm Drive A F-XXXX card locations are actually 1F-XXXX.  Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.  Drive D G-XXXX card locations are actually 2G-XXXX.
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-HDA	12	1615600	Head Disk asm 10SR	
	F-W1B1	9	2439838	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E5	1	1615509	cable	
	F-A1E2	1	1615508	cable	
	Drive B G-A1C2	36	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-HDA	12	1615600	Head Disk asm 10SR	
	G-W1B1	9	2439838	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1E5	1	1615509	cable	
	G-A1E2	1	1615508	cable	
	Drive C F-A1C2	36	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-HDA	12	1615600	Head Disk asm 10SR	
	F-W1B1	9	2439838	Data channel card	
	A-A2C4	1	2437374	adapter C card 10SR	
	F-A1A3	1	8636632	cable	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1E5	1	1615509	cable	
	F-A1E2	1	1615508	cable	
Drive D G-A1C2	36	1615631	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AEF	Drive A				Temporary error occurred.
	F-W1B1	34	2439938	Data channel card	
	F-A1C2	27	1615631	Data Converter card	"HDA" - Head/Disk Asm
			1615632	Data Converter card	
			1615639	Data Converter card	Drive A F-XXXX card
	F-HDA	13	1615600	Head Disk asm 10SR	locations are actually
	F-A1E2	10	1615508	cable	1F-XXXX.
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	Drive B G-XXXX card
			1615367	Servo card 10SR-1	locations are actually
	A-A2C2	1	2437374	adapter A card 10SR	1G-XXXX.
	F-A1B2	1	2439875	Access Control card	
	F-A1E5	1	1615509	cable	
	F-A1A3	1	8636632	cable	
	Drive B				
	G-W1B1	34	2439838	Data channel card	
	G-A1C2	27	1615631	Data Converter card	Drive C F-XXXX card
			1615632	Data Converter card	locations are actually
			1615339	Data Converter card	2F-XXXX.
	G-HDA	13	1615600	Head Disk asm 10SR	
	G-A1E2	10	1615508	cable	
	G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	A-A2D2	1	2437374	adapter B card 10SR	Drive D G-XXXX card
	G-A1B2	1	2439875	Access Control card	locations are actually
	G-A1E5	1	1615509	cable	2G-XXXX.
G-A1A3	1	8636632	cable		
Drive C					
F-W1B1	34	2439838	Data channel card		
F-A1C2	27	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-HDA	13	1615600	Head Disk asm 10SR		
F-A1E2	10	1615508	cable		
F-A1D2	1	5811834	Servo card 10SR-1		
		5811890	Servo card 10SR-1		
		1615367	Servo card 10SR-1		
A-A2C4	1	2437374	adapter C card 10SR		
F-A1B2	1	2439875	Access Control card		
F-A1E5	1	1615509	cable		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AF0	Drive A				<p>Temporary error occurred.  Corrective Action:  Reseat cards and cables.  Run Analysis (MIM 01-730)  to check for bad sector ID  or bad data written on the  HDA.</p> <p>"VCM" - VCM Driver Asm  Drive A F-XXXX card  locations are actually  1F-XXXX.</p> <p>"HDA" - Head/Disk Asm  "Media" - Bad data  Drive B G-XXXX card  locations are actually  1G-XXXX.</p> <p>Drive C F-XXXX card  locations are actually  2F-XXXX.</p>
	F-A1B2	27	2439875	Access Control card	
	F-A1D2	19	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	A-A2C2	18	2437374	adapter A card 10SR	
	A-A2E2	14	2462228	Data stor adapter 1 cd	
	F-A1C2	10	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1A4	1	8636632	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A3	1	8636632	cable	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	Channel	1			
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	F-HDA	1	1615600	Head Disk asm 10SR	
	Media	1			
	Drive B				
	G-A1B2	27	2439875	Access Control card	
	G-A1D2	19	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	A-A2D2	18	2437374	adapter B card 10SR	
	A-A2E2	14	2462228	Data stor adapter 1 cd	
	G-A1C2	10	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1A4	1	8636632	cable	
G-A1A5	1	1615662	Terminator card		
G-A1A3	1	8636632	cable		
G-VCM	1	5811836	VCM Drive assembly		
G-A1E5	1	1615509	cable		
Channel	1				
A-A2J2	1	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
G-HDA	1	1615600	Head Disk asm 10SR		



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AF2	Drive A				Temporary error occurred. Corrective Action: Reseat cards and cables. Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA.  "HDA" - Head/Disk Asm Drive A F-XXXX card locations are actually 1F-XXXX.  "Media" - Bad data Drive B G-XXXX card locations are actually 1G-XXXX.   Drive C F-XXXX card locations are actually 2F-XXXX.
	F-A1C2	38	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	17	2439875	Access Control card	
	F-HDA	11	1615600	Head Disk asm 10SR	
	F-A1E2	10	1615508	cable	
	F-W1B1	1	2439838	Data channel card	
	A-A2C2	1	2437374	adapter A card 10SR	
	F-A1A3	1	8636632	cable	
	F-A1D2	1	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	F-A1E5	1	1615509	cable	
	F-A1A5	1	1615662	Terminator card	
	F-A1A4	1	8636632	cable	
	Media	1			
	Drive B				
	G-A1C2	38	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	17	2439875	Access Control card	
	G-HDA	11	1615600	Head Disk asm 10SR	
	G-A1E2	10	1615508	cable	
	G-W1B1	1	2439838	Data channel card	
	A-A2D2	1	2437374	adapter B card 10SR	
	G-A1A3	1	8636632	cable	
	G-A1D2	1	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
G-A1E5	1	1615509	cable		
G-A1A5	1	1615662	Terminator card		
G-A1A4	1	8636632	cable		
Media	1				
Drive C					
F-A1C2	38	1615631	Data Converter card		
		1615632	Data Converter card		
		1615639	Data Converter card		
F-A1B2	17	2439875	Access Control card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AF3	Drive A				Temporary error occurred. Corrective Action: Run Analysis (MIM 01-730) to check for bad sector ID or bad data written on the HDA. Drive A F-XXXX card locations are actually 1F-XXXX. "HDA" - Head/Disk Asm  "VCM" - VCM Driver Asm  "Media" - Bad data Drive B G-XXXX card locations are actually 1G-XXXX.  Drive C F-XXXX card locations are actually 2F-XXXX.
	F-A1C2	28	1615631	Data Converter card	
			1615632	Data Converter card	
			1615639	Data Converter card	
	F-A1B2	24	2439875	Access Control card	
	A-A2C2	16	2437374	adapter A card 10SR	
	A-A2E2	7	2462228	Data stor adapter 1 cd	
	F-A1D2	7	5811834	Servo card 10SR-1	
			5811890	Servo card 10SR-1	
			1615367	Servo card 10SR-1	
	F-A1A3	1	8636632	cable	
	A-A1A4	1			
	F-A1A5	1	1615662	Terminator card	
	F-HDA	1	1615600	Head Disk asm 10SR	
	F-W1B1	1	2439838	Data channel card	
	F-A1E2	1	1615508	cable	
	F-VCM	1	5811836	VCM Drive assembly	
	F-A1E5	1	1615509	cable	
	Media	1			
	Drive B				
	G-A1C2	28	1615631	Data Converter card	
			1615632	Data Converter card	
			1615339	Data Converter card	
	G-A1B2	24	2439875	Access Control card	
	A-A2D2	16	2437374	adapter B card 10SR	
	A-A2E2	7	2462228	Data stor adapter 1 cd	
	G-A1D2	7	5811834	Servo card 10SR	
			5811890	Servo card 10SR	
			1615367	Servo card 10SR	
	G-A1A3	1	8636632	cable	
	G-A1A4	1	8636632	cable	
	G-A1A5	1	1615662	Terminator card	
	G-HDA	1	1615600	Head Disk asm 10SR	
G-W1B1	1	2439838	Data channel card		
G-A1E2	1	1615508	cable		
G-VCM	1	5811836	VCM Drive assembly		
G-A1E5	1	1615509	cable		
Media	1				
Drive C					
F-A1C2	28	1615631	Data Converter card		
		1615632	Data Converter card		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1AFF					Go to MAP 9700, A. Temporary error occurred. Unable to determine FRU. Attempt to recreate error, or use other SRC codes.
1b01	A-A2K2 A-A2L2 A-A2J2	60 30 10	2462228 2597725 4237136 2597763	Data Stor Adapter 2 cd Tape adapter card Data stor ctrl card Data stor ctrl card	Unable to reset interrupt.
1b02	A-A2K2 A-A2J2	90 10	2462228 4237136 2597763	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card	DSA cycle steal parity check.
1b03	A-A2K2 A-A2J2 A-A2L2	90 5 5	2462228 4237136 2597763 2597725	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card	DSA bus out parity check.
1b04	A-A2K2 A-A2J2 A-A2L2	50 30 10	2462228 4237136 2597763 2597725	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card	DSA bus in parity check.
1b05	A-A2K2 A-A2J2	90 10	2462228 4237136 2597763	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card	Not write mode, buffer select.
1b06	A-A2K2 A-A2J2 A-A2L2 8809-C2	80 5 5 5	2462228 4237136 2597763 2597725 4733758	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card 8809 logic card	Wrong end op.
1b07	A-A2K2 A-A2J2	90 10	2462228 4237136 2597763	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card	Wrong DSA counters.
1b08	A-A2K2 A-A2J2	80 20	2462228 4237136 2597763	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card	Wrong channel address.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1b09	A-A2K2 A-A2J2 A-A2L2	80 10 5	2462228 4237136 2597763 2597725	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card	Wrong DLC counter.
1b0A	A-A2K2 A-A2J2 A-A2L2 8809-C2	80 10 5 5	2462228 4237136 2597763 2597725 4733758	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card 8809 logic card	DSA length check.
1b0b	A-A2L2 A-A2K2	60 40	2597725 2462228	Tape adapter card Data Stor Adapter 2 cd	Transfer complete not active.
1b0C	A-A2J2 A-A2K2	50 50	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	Wrong cycle steal LSR.
1b0d	A-A2K2 A-A2J2 A-A2L2	80 10 5	2462228 4237136 2597763 2597725	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card	Transfer ready not on.
1b0E	A-A2J2 A-A2K2	90 10	4237136 2597763 2462228	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	A not valid vol sequencing.
1b0F	A-A2L2 A-A2K2 A-A2J2	80 10 5	2597725 2462228 4237136 2597763	Tape adapter card Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card	Tactical bus in parity check on a DPC operation.
1b1x	A-A2J2 8809-C2 8809-G2 A-A2L2 A-A2U4	70 10 10 2 2	4237136 2597763 4733758 4449955 2597725 8636630	Data stor ctrl card Data stor ctrl card 8809 logic card 8809 logic card Tape adapter card Cable	Not a valid command.
1b20	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid command.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1b21	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid command.
1b22	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid command.
1b23	A-A2J2 8809-C2	80 20	4237136 2597763 4733758	Data stor ctrl card Data stor ctrl card 8809 logic card	Not a valid command.
1b24	A-A2J2 8809-C2	80 20	4237136 2597763 4733758	Data stor ctrl card Data stor ctrl card 8809 logic card	Not a valid cont command.
1b25	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid block length.
1b26	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid file number specified.
1b28	A-A2L2 A-A2K2 A-A2J2 A-A2E2	50 20 20 10	2597725 2462228 4237136 2597763 2462228	Tape adapter card Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Data stor adapter 1 cd	Unknown error.
1b29	A-A2L2 A-A2K2 A-A2J2 A-A2E2	70 10 10 10	2597725 2462228 4237136 2597763 2462228	Tape adapter card Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Data stor adapter 1 cd	Unknown error.
1b30	A-A2J2 A-A2K2 A-A2L2 8809-C2 A-A2U4	45 20 10 10 5	4237136 2597763 2462228 2597725 4733758 8636630	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd Tape adapter card 8809 logic card Cable	Tape drive busy.
1b31	A-A2J2 A-A2L2 A-A2U4 8809-C2	80 10 5 5	4237136 2597763 2597725 8636630 4733758	Data stor ctrl card Data stor ctrl card Tape adapter card Cable 8809 logic card	Position lost on tape.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1b34	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	Data length short.
1b35	A-A2J2 8809-C2 Prog	70 15 10	4237136 2597763 4733758	Data stor ctrl card Data stor ctrl card 8809 logic card	Invalid volume ID.
1b36	A-A2J2 8809-C2 Prog	70 15 10	4237136 2597763 4733758	Data stor ctrl card Data stor ctrl card 8809 logic card	EOT found searching for label * PDP will direct customer to look for EOT marker in wrong place.
1b37	A-A2J2 8809-C2	80 20	4237136 2597763 4733758	Data stor ctrl card Data stor ctrl card 8809 logic card	Tape mark detected.
1b38	A-A2J2 8809	80 20	4237136 2597763	Data stor ctrl card Data stor ctrl card	Disk block counter not equal to count label.
1b39	A-A2J2 8809	80 20	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid header label.
1b3A	A-A2J2 8809	80 20	4237136 2597763	Data stor ctrl card Data stor ctrl card	EOT found not expected. *EOT will check both marker.
1b3b	A-A2J2 8809	80 20	4237136 2597763	Data stor ctrl card Data stor ctrl card	Not a valid trailer label.
1b3C	A-A2J2 A-A2K2 A-A2L2	80 10 5	4237136 2597763 2462228 2597725	Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd Tape adapter card	Previous op failed.
1b40	8809-C2 8809-G2 8809-H2 A-A2L2 A-A2U4	40 20 10 20 10	4733758 4449955 4733684 2597725 8636630	8809 logic card 8809 logic card 8809 logic card Tape adapter card Cable	Tape bus in parity error on data.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1b41	8809-C2 8809-G2 8809-H2 A-A2L2 A-A2U5 A-A2K2 A-A2U4	40 20 20 10 5 1 1	4733758 4449955 4733684 2597725 8636630 2462228 8636630	8809 logic card 8809 logic card 8809 logic card Tape adapter card Cable Data Stor Adapter 2 cd Cable	Active control Line (DCI)  before selection.
1b42	8809-C2 8809-G2 A-A2L2 A-A2U5	50 30 10 5	4733758 4449955 2597725 8636630	8809 logic card 8809 logic card Tape adapter card Cable	Select active still on after deselection.
1b43	8809-C2 8809-G2 8809-H2 8809-F2 A-A2L2 A-A2U5 A-A2U4	40 10 10 10 10 3 3	4733758 4449955 4733684 4469628 2597725 8636630 8636630	8809 logic card 8809 logic card 8809 logic card 8809 logic card Tape adapter card Cable Cable	Time out waiting for tag  valid (not on selection).
1b44	8809-G2 8809-F2 8809-C2 8809-H2 A-A2L2 A-A2U5	40 10 10 10 10 5	4449955 4469628 4733758 4733684 2597725 8636630	8809 logic card 8809 logic card 8809 logic card 8809 logic card Tape adapter card Cable	Time out waiting for  normal end (on immediate command).
1b45	8809-G2 A-A2L2	80 20	4449955 2597725	8809 logic card Tape adapter card	Sync in more often than sync out.
1b46	8809-C2 8809-G2 8809-H2 A-A2J2  A-A2K2 A-A2L2 A-A2U4 A-A2U5	40 20 10 10  5 5 5 5	4733758 4449955 4733684 4237136 2597763 2597727 2462228 2597725 8636630 8636630	8809 logic card 8809 logic card 8809 logic card Data stor ctrl card Data stor ctrl card DS Pass-Thru card Data Stor Adapter 2 cd Tape adapter card Cable Cable	Time out waiting for  poll response.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1b47	8809-G2 8809-F2 8809-H2 8809-HD	50 20 10 10	4449955 4469628 4733684	8809 logic card 8809 logic card 8809 logic card	Data security erase failure.
1b48	8809-G2 8809-C2 8809-H2 A-A2U4 A-A2U5 A-A2L2	50 30 5 5 5	4449955 4733758 4733684 8636630 8636630 2597725	8809 logic card 8809 logic card 8809 logic card Cable Cable Tape adapter card	No op complete after a valid poll response.
1b49	8809-G2 8809-C2 8809-H2 A-A2U5 A-A2U4 A-A2L2	50 20 10 5 5 5	4449955 4733758 4733684 8636630 8636630 2597725	8809 logic card 8809 logic card 8809 logic card Cable Cable Tape adapter card	Timeout.  Run tape MDIs before replacing FRUs.
1b4A	8809-G2 A-A2L2 A-A2U4 A-A2U5	70 20 5 5	4449955 2597725 8636630 8636630	8809 logic card Tape adapter card Cable Cable	Normal end not set on select, poll, or disc.
1b4b	8809-G2 8809-C2 A-A2L2 A-A2U4	60 30 5 5	4449955 4733758 2597725 8636630	8809 logic card 8809 logic card Tape adapter card Cable	Tape bus in parity chk on command sequence.
1b4C	8809-C2 8809-G2 A-A2L2 A-A2U4 A-A2U5	50 30 14 3 3	4733758 4449955 2597725 8636630 8636630	8809 logic card 8809 logic card Tape adapter card Cable Cable	Select active not set after selection. Cont-Cab = Control cable
1b4d	8809-G2 A-A2U4 A-A2U5 A-A2L2	80 5 5 5	4449955 8636630 8636630 2597725	8809 logic card Cable Cable Tape adapter card	Normal end control line is active early during a write operation.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1b4E	8809-G2 8809-C2 A-A2L2 A-A2U5	40 30 20 5	4449955 4733758 2597725 8636630	8809 logic card 8809 logic card Tape adapter card Cable	Select active set before select 1 old set.
1b4F	8809-G2 8809-C2 A-A2K2 A-A2L2 A-A2U4	60 20 5 5 5	4449955 4733758 2462228 2597725 8636630	8809 logic card 8809 logic card Data Stor Adapter 2 cd Tape adapter card Cable	Wrong or no address return on selection.
1b50	8809-G2 8809-C2 A-A2L2 A-A2U5	60 30 5 5	4449955 4733758 2597725 8636630	8809 logic card 8809 logic card Tape adapter card Cable	Sync out check.
1b51	8809-G2 8809-C2 A-A2L2 A-A2U4 A-A2U5	50 30 10 5 5	4449955 4733758 2597725 8636630 8636630	8809 logic card 8809 logic card Tape adapter card Cable Cable	DCI seq check.
1b52	A-A2L2 8809-G2 8809-C2 8809-F2 8809-HD A-A2U4 A-A2U5	50 20 10 5 5 5 5	2597725 4449955 4733758 4469628 8636630 8636630	Tape adapter card 8809 logic card 8809 logic card 8809 logic card Cable Cable	Tag parity check.
1b53	A-A2L2 8809-C2 8809-G2 A-A2U4 A-A2U5	60 20 10 5 5	2597725 4733758 4449955 8636630 8636630	Tape adapter card 8809 logic card 8809 logic card Cable Cable	Bus out parity check.
1b54	8809-G2 8809-H2 8809-F2 8809-HD	50 12 10 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	Format read fail.
1b55	8809-G2 8809-H2	60 30	4449955 4733684	8809 logic card 8809 logic card	Format write error.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1b56	8809-C2	50	4733758	8809 logic card	Sense bus parity check.
	8809-G2	30	4449955	8809 logic card	
	8809-H2	10	4733684	8809 logic card	
1b57	8809-H2	50	4733684	8809 logic card	Clock parity error.
	8809-G2	40	4449955	8809 logic card	
1b5A	8809-G2	50	4449955	8809 logic card	Bus out reg parity check.
	8809-C2	30	4733758	8809 logic card	
	8809-H2	10	4733684	8809 logic card	
1b5b	8809-G2	50	4449955	8809 logic card	Command reg parity check.
	8809-H2	30	4733684	8809 logic card	
	8809-C2	10	4733758	8809 logic card	
1b60	8809-H2	50	4733684	8809 logic card	Power ampere cable.
1b61	8809-TD	50	2337810	8809 Transducer card	Reel size sensor failure
	8809-H2	40	4733684	8809 logic card	
1b62	8809-TD	40	2337810	8809 Transducer card	Tap present sensor fail.
	8809-H2	30	4733684	8809 logic card	
1b63	8809-TD	40	2337810	8809 Transducer card	BOT/EOT sensor failure.
	8809-H2	30	4733684	8809 logic card	
1b64	8809-H2	60	4733684	8809 logic card	Cover/reel latch inter/ latch = 0.
1b65	8809-H2	60	4733684	8809 logic card	Cover/reel latch inter/ latch = 1.
1b66	8809-TD	40	2337810	8809 Transducer card	Idler tach rotation check.
	8809-H2	40	4733684	8809 logic card	
1b67	8809-TD	40	2337810	8809 Transducer card	Disk tach failure.
	8809-H2	40	4733684	8809 logic card	
1b6A	8809-TD	45	2337810	8809 Transducer card	Machine tach failure.
	8809-H2	40	4733684	8809 logic card	
1b6b	8809-TD	40	2337810	8809 Transducer card	Idler tach failure.
	8809-H2	40	4733684	8809 logic card	
1b6C	8809	90			Machine ampere saturation.
1b6d	8809	99			Disk ampere saturation.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1b6E	8809-H2	90	4733684	8809 logic card	Servo analog failure.
1b6F	8809-H2	90	4733684	8809 logic card	Servo logic failure.
1b70	8809-H2	90	4733684	8809 logic card	Drive control failure.
1b71	8809-TD 8809-H2	40 40	2337810 4733684	8809 Transducer card 8809 logic card	Seq error and load check.
1b72	8809-H2 8809-TD	50 40	4733684 2337810	8809 logic card 8809 Transducer card	Seq error and tension check.
1b73	8809-H2	90	4733684	8809 logic card	Seq error.
1b74	8809-H2 8809-TD	40 40	4733684 2337810	8809 logic card 8809 Transducer card	PEID check. TM detected.
1b75	8809-H2	80	4733684	8809 logic card	End velocity check.
1b76	8809-H2	80	4733684	8809 logic card	Start velocity check.
1b77	8809-H2 8809-G2	40 40	4733684 4449955	8809 logic card 8809 logic card	Gap control check.
1b78	8809-G2 8809-H2	40 40	4449955 4733684	8809 logic card 8809 logic card	
1b7A	8809-G2 8809-H2	50 30	4449955 4733684	8809 logic card 8809 logic card	Drive control parity check.
1b7b	8809-G2 8809-H2 8809-F2 8809-HD	40 30 10 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	Drive response check.
1b7C	8809-H2	90	4733684	8809 logic card	Not ready caused by the reset key.
1b7d	8809-H2 8809-F2	50 40	4733684 4469628	8809 logic card 8809 logic card	Not ready.
1b7E	8809-H2	90	4733684	8809 logic card	Load check.
1bA0	8809-G2 8809-H2 8809-F2 8809-HD	40 30 10 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	Read back and formatted  read failure (pos media).



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1bA1	8809-G2 8809-F2 8809-HD	50 30 10	4449955 4469628	8809 logic card 8809 logic card	Write bus parity check.
1bA2	8809-H2 8809-HD	50 40	4733684	8809 logic card	Write current failure.
1bA3	8809-H2 8809-HD	50 40	4733684	8809 logic card	Write enable failure.
1bA4	8809-F2 8809-G2 8809-HD	40 30 10	4469628 4449955	8809 logic card 8809 logic card	Read bus parity check.
1bA5	8809-G2 8809-C2 8809-H2	50 30 10	4449955 4733758 4733684	8809 logic card 8809 logic card 8809 logic card	Select alert and no errcr condition on.
1bA6	8809-H2 8809-TD 8809-G2	40 30 10	4733684 2337810 4449955	8809 logic card 8809 Transducer card 8809 logic card	Write enable error.
1bA7	8809-F2 8809-G2 8809-H2 8809-HD	40 30 10 10	4469628 4449955 4733684	8809 logic card 8809 logic card 8809 logic card	Not capable space disk.
1bC0	8809-H2 8809-TD	40 40	4733684 2337810	8809 logic card 8809 Transducer card	Data check on write. EOT after a write op.
1bC1	8809-G2	90	4449955	8809 logic card	Data check on read. Tape mark detected.
1bC3	8809-G2 8809-H2 8809-C2 A-A2L2 A-A2K2 A-A2U4	40 25 15 10 5 5	4449955 4733684 4733758 2597725 2462228 8636630	8809 logic card 8809 logic card 8809 logic card Tape adapter card Data Stor Adapter 2 cd Cable	Data overrun.
1bC4	8809-G2 8809-H2 8809-F2	40 30 20	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	Not capable after wrt O.

SRC	FFU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1bC5	8809-G2 8809-H2 8809-F2 8809-HD	40 30 20 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	PEID check after wrt O.
1bC6	8809-F2 8809-G2 8809-HD	40 30 10	4469628 4449955	8809 logic card 8809 logic card	Write tape mark error.
1bC7	8809-F2 8809-G2 8809-HD	40 30 10	4469628 4449955	8809 logic card 8809 logic card	Multitrack error after wrt op.
1bCA	8809-F2 8809-G2 8809-H2 8809-HD	40 30 10 10	4469628 4449955 4733684	8809 logic card 8809 logic card 8809 logic card	Envelope check after wrt op (media).
1bCb	8809-G2 8809-F2 8809-HD	40 30 10	4449955 4469628	8809 logic card 8309 logic card	Start read check after wrt op.
1bCC	8809-G2 8809-H2 8809-F2 8809-HD	30 20 20 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	End data check after wrt op.
1bCd	8809-G2 8809-F2 8809-H2 8809-HD	40 20 20 10	4449955 4469628 4733684	8809 logic card 8809 logic card 8809 logic card	Not capable after non wrt op.
1bCE	8809-F2 8809-G2 8809-HD	40 30 20	4469628 4449955	8809 logic card 8809 logic card	Crease after A non wrt op (media).
1bCF	8809-F2 8809-G2 8809-HD A-A2L2 A-A2K2 A-A2U4	30 30 10 10 5 5	4469628 4449955 2597725 2462228 8636630	8809 logic card 8809 logic card Tape adapter card Data Stor Adapter 2 cd Cable	No track pointer after wrt op (media).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1bd0	8809-F2 8809-G2 8809-HD	40 30 10	4469628 4449955	8809 logic card 8809 logic card	Multitrack error after a non write op.
1bd1	8809-F2 8809-G2 8809-HD	40 30 10	4469628 4449955	8809 logic card 8809 logic card	Skew error after non write op.
1bd2	8809-G2 8809-H2 8809-F2 8809-HD	40 20 10 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	Start read check after a non write op.
1bd3	8809-G2 8809-H2 8809-F2 8809-HD	40 20 20 10	4449955 4733684 4469628	8809 logic card 8809 logic card 8809 logic card	Read data check after a non write op.
1bd4	8809-G2 8809-C2 8809-F2 8809-H2 8809-HD	30 20 20 10 10	4449955 4733758 4469628 4733684	8809 logic card 8809 logic card 8809 logic card 8809 logic card	PEID check- LWR.
1bd5	8809-G2 8809-F2 8809-HD	40 30 20	4449955 4469628	8809 logic card 8809 logic card	End data check on LWR.
1bd6	8809-G2 8809-F2 8809-HD 8809-H2	40 30 20 10	4449955 4469628 4733684	8809 logic card 8809 logic card 8809 logic card	Multitrack error after a LWR.
1bd7	8809-G2 8809-F2 8809-HD A-A2U5	40 30 20 5	4449955 4469628 8636630	8809 logic card 8809 logic card Cable	Envelope check after a LWR.
1bdA	8809-G2 8809-F2 8809-H2 8809-HD	30 20 20 10	4449955 4469628 4733684	8809 logic card 8809 logic card 8809 logic card	Start read check after a LWR.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1bdb	8809-G2 8809-F2 8809-H2 8809-HD	30 20 20 10	4449955 4469628 4733684	8809 logic card 8809 logic card 8809 logic card	End data check after a LWR.
1bF0	8809-C2 8809-H2	50 40	4733758 4733684	8809 logic card 8809 logic card	Timeout on data transfer
1bF1	8809-C2 A-A2L2 A-A2U5	80 10 10	4733758 2597725 8636630	8809 logic card Tape adapter card Cable	Select alert but sense data does not specify cause.
1bF2	8809-C2 A-A2L2 A-A2U5	80 10 10	4733758 2597725 8636630	8809 logic card Tape adapter card Cable	Check end but no data check.
1bF4	8809-C2 A-A2L2 A-A2K2 A-A2J2	75 10 10 5	4733758 2597725 2462228 4237136 2597763	8809 logic card Tape adapter card Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card	Timeout on data transfer.
1bF5					Tape OLPD detected an error condition.
1bFF	8809-C2 8809-G2 A-A2U4 A-A2U5 A-A2L2 A-A2K2	30 20 10 10 10 10	4733758 4449955 8636630 8636630 2597725 2462228	8809 logic card 8809 logic card Cable Cable Tape adapter card Data Stor Adapter 2 cd	Time out waiting for tag valid on selection.
1C00	A-A1H2  A-A1J2	69  30	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	Default error code for w/s attachment.
1C01	A-A1H2  A-A1J2	69  30	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	Failure in w/s attachment.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1C02	A-A1H2	99	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	W/S attachment controller failed.
1C03	A-A1J2 A-A1H2  A-A1V4	95 2  2	4177027 4177036 4177038 4237136 2597763 8636624	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly	Failure with w/s adapter.
1C04	Mcode A-A1H2  A-A1J2	89 5  5	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	A w/s microcode error has been detected.
1d01	A-A1F2/  A-A2F2 A-A1E2/ A-A2E2	70  25	4247739 4247740  2462228	Diskette adapter card Diskette adapter card  Data stor adapter 1 cd	DSA detected parity error during data transfer or DPC sense of adapter card. Run MDIs for additional isolation before replacing FRUs.
1d02	A-A1F2/  A-A2F2 A-A1E2/ A-A2E2 A-A1G4/  A-A2G4	70  25  4	4247739 4247740  2462228  2462692 8562949	Diskette adapter card Diskette adapter card  Data stor adapter 1 cd  Diskette VFO card 72M Diskette VFO card 51TD	Adapter card timed out. Adapter card interface busy time out. Run MDIs for additional isolation before replacing FRUs.
1d03	Channel A-A1E2/ A-A2E2	90 10	2462228	Data stor adapter 1 cd	DSA detected a not valid parity during a cycle steal operation on system channel.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1d04	A-A1E2/ A-A2E2	70	2462228	Data stor adapter 1 cd	DA detected not valid parity during data transfer or DPC load to DA. Run MDIs for additional isolation before replacing FRUs.
	A-A1F2/ A-A2F2	25	4247739 4247740	Diskette adapter card Diskette adapter card	
1d05	A-A1E2/ A-A2E2	55	2462228	Data stor adapter 1 cd	Overrun or underrun condition sensed during data operation. Run MDIs for additional isolation before replacing FRUs.
	A-A1F2/ A-A2F2	30	4247739 4247740	Diskette adapter card Diskette adapter card	
	System	15			
1d06	A-A1F2/ A-A2F2	75	4247739 4247740	Diskette adapter card Diskette adapter card	Not a valid write gate/erase gate wrap or unsafe. DCC = drive control card. Check for open read/write or erase coils or connector.
	DCC	18	Drive Co	trol card	
	Head	5			
	A-A1V5/ A-A2V5	2	8636636 8636635	Diskette cable 72MD Diskette cable 51TD	
1d07	Drive	50			Diskette not at speed (quick); hard-sector (multiple hole) dskt. Run MDIs for additional isolation before replacing FRUs.
	Diskete	50			
1d08	A-A1F2/ A-A2F2	88	4247739 4247740	Diskette adapter card Diskette adapter card	72 MD parity error. DCC = drive control card. Run MDIs for additional isolation before replacing FRUs.
	DCC	10	Drive Co	trol card	
	A-A1V5/ A-A2V5	02	8636636 8636635	Diskette cable 72MD Diskette cable 51TD	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1d09	Auto loader hardware  DCC	80  20	  Drive Co	  trol card	72MD motion check detected or wrap error. Picker fails or no diskette in slot selected. DCC = drive control card. Run MDIs for additional isolation before replacing FRUs.
1d0A	Media/op  Drive A-A1F2/  A-A2F2	60  30 10	  4247739 4247740	  Diskette adapter card Diskette adapter card	Diskette not at speed (stopped or slow). No diskette in drive. If unable to separate media/operator, go to MAP 0179, Entry Point A.
1d0b	User Program A-A1V5/  A-A2V5 DCC	95	  8636636 8636635  Drive Co	  Diskette cable 72MD Diskette cable 51TD  trol card	System received not valid parameter (noop).
1d0C	A-A1F2/  A-A2F2 DCC Drive	40  30 30	  4247739 4247740  Drive Co	  Diskette adapter card Diskette adapter card  trol card	Cylinder mismatch. Run MDIs for additional isolation. DCC = drive control card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1d0F	Media/ op A-A1F2/  A-A2F2 DCC A-A1G4/  A-A2G4 A-A1V5/  A-A2V5 Head Pwr cbl	94  1  1 1  1  1 1	 4247739 4247740  Drive Co 2462692 8562949  8636636 8636635	Diskette adapter card Diskette adapter card  trol card Diskette VFO card 72M Diskette VFO card 51TD  Diskette cable 72MD Diskette cable 51TD	CRC error; missing AM; ID not found; invoked ECC; not a valid control record; write verify mismatch; 72MD cover not closed or cover switch failing. If unable to separate media/operator/hardware go to MAP 0179, Entry Point A.
1dA0	A-A1F2/  A-A2F2	95	4247739 4247740	Diskette adapter card Diskette adapter card	Write control or read control error while running diskette drive test. Run diskette MDIs for FRU isolation.
1dA1	A-A1F2/  A-A2F2 DCC A-A1G4/  A-A2G4 Head	25  25 20  29	4247739 4247740  Drive Co 2462692 8562949	Diskette adapter card Diskette adapter card  trol card Diskette VFO card 72M Diskette VFO card 51TD	Cannot read cylinder 0 head 0 while running diskette drive test. Run diskette MDIs for additional FRU isolation.
1dA2	A-A1F2/  A-A2F2 DCC Head A-A1V5/  A-A2V5	20  30 48 1	4247739 4247740  Drive Co  8636636 8636635	Diskette adapter card Diskette adapter card  trol card  Diskette cable 72MD Diskette cable 51TD	Worn-head test fails on head 0 while running diskette drive test. Run diskette MDIs for additional FRU isolation.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1dA3	A-A1F2/	20	4247739 4247740	Diskette adapter card Diskette adapter card	Worn-head test fails on head 1.while running diskette drive test. Run diskette MDIs for additional FRU isolation.
	A-A2F2 DCC Head	30 48	Drive Co	trol card	
	A-A1V5/	1	8636636 8636635	Diskette cable 72MD Diskette cable 51TD	
	A-A2V5				
1dA4	A-A1F2/	20	4247739 4247740	Diskette adapter card Diskette adapter card	Worn-head test fails on both 0 and 1 while running diskette drive test. Run diskette MDIs for additional FRU isolation.
	A-A2F2 DCC Head	30 48	Drive Co	trol card	
	A-A1V5/	1	8636636 8636635	Diskette cable 72MD Diskette cable 51TD	
	A-A2V5				
1dA5	DCC	80	Drive Co	trol card	Scan test fails (hardware error) during OLPD after drive test ran correctly. Run diskette MDIs for additional FRU isolation.
	A-A1F2/  A-A2F2	20	4247739 4247740	Diskette adapter card Diskette adapter card	
1E11	A-A2T2	60	4177009	Print State Seq card	Hex 86 controller error caused by a program loop time out. The 131 milisecond clock may be the cause of the problem.
	A-A2R2	30	4238420	Printer ctrl card 3262	
	A-A2S2	8	4177002	Print adapter cd 3262	
	A-A1L2	1	4234069	CSP Channel card	
	TCC/ A-A2	1			
1E12	A-A2S2	70	4177002	Print adapter cd 3262	Hex 96 controller error caused by a DBI/DBO parity error.
	A-A2R2	20	4238420	Printer ctrl card 3262	
	A-A2T2	9	4177009	Print State Seq card	
	TCC/ A-A2	1			

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>1E13</b>	<b>A-A2T2 A-A2R2 A-A2S2 TCC/ A-A2</b>	<b>75 20 4 1</b>	<b>4177009 4238420 4177002</b>	<b>Print State Seq card Printer ctrl card 3262 Print adapter cd 3262</b>	Hex B6 controller error caused by a storage parity error.
<b>1E26</b>	<b>Program error</b>	<b>99</b>			Unprintable character check. The data sent to the 3262 printer has a character not in the belt image and the option to stop on unprintable characters has been set. See the functions reference manual.
<b>1E28</b>	<b>Program error</b>	<b>99</b>			Program error occurred while using the 3262 printer. Not a valid SCS command. This error indicates that there is a character string in the range of hex 00 through 3F data stream and it is not a valid SCS command. This error may be the result of a spool job having been abnormally terminated because the system was either powered down or an IPL was attempted while the job was running. See the functions reference manual.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1E29	Program error	99			Program error occurred while using the 3262 printer. Not a valid SCS parameter. (This error may be caused by the same condition described for not valid SCS command. It may also be the result of directing output to a printer which cannot process correctly). See the functions reference manual.
1E30	3262 A-A2S2 A-A2T2 I/O cbl A-A2R2 TCC/ A-A2	80 10 5 3 1 1	4177002 4177009 4238420	Print adapter cd 3262 Print State Seq card Printer ctrl card 3262	Go to 3262 Printer Entry Map 0010. Any hammer-on check occurred (a hammer driver is on in the 3262 printer during not print time).
1E31	A-A2S2 3262 A-A2T2 I/O cbl A-A2R2 TCC/ A-A2	69 15 10 4 1 1	4177002 4177009 4238420	Print adapter cd 3262 Print State Seq card Printer ctrl card 3262	Fire tier check (fire tier pulses are out of sequence). Go to 3262 Printer Entry MAP 0010.
1E32	3262 A-A2S2 A-A2T2 I/O cbl A-A2R2 TCC/ A-A2	68 23 5 2 1 1	4177002 4177009 4238420	Print adapter cd 3262 Print State Seq card Printer ctrl card 3262	Go to 3262 Printer Entry MAP 0010. Hammer echo check (an optioned hammer failed to fire or a hammer that was not optioned is on).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1E33	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Carriage pedestal check (a short circuited carriage pedestal driver in the 3262 Printer has been detected).
1E34	3262 A-A2S2 A-A2T2 A-A2R2 I/O cbl TCC/ A-A2	58 25 14 1 1 1	4177002 4177009 4238420	Print adapter cd 3262 Print State Seq card Printer ctrl card 3262	Go to 3262 Printer Entry MAP 0010. Printer subscan emitter check (an expected transition in the PSS emitter did not occur or occurred too soon).
1E35	3262 A_A2S2 A-A2R2 A-A2T2 I/O cbl TCC/ A-A2 Program Error	80 10 2 2 2 1 3	4238420 4177009	Printer ctrl card 3262 Print State Seq card	Go to 3262 Printer Entry MAP 0010. Belt sync check (possible that the print belt installed on the printer does not match the belt image defined to the system).
1E36	3262 A-A2S2 I/O cbl TCC/ A-A2	80 15 4 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Belt up to speed check (the print belt did not reach running speed in 4.5 seconds).
1E37	3262 A-A2S2 I/O cbl TCC/ A-A2	85 12 2 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Belt speed check (belt up to speed inactive while belt go was active).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1E38	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Print busy too long cneck (printer busy was active longer than three seconds during a print cycle).
1E39	A-A2T2 3262 A-A2S2 I/O cbl A-A2R2 TCC/ A-A2	43 35 10 10 1 1	4177009 4177002 4238420	Print State Seq card Print adapter cd 3262 Printer ctrl card 3262	Data parity check (even parity on the hammer address bus was detected during a print cycle). Go to 3262 Printer Entry MAP 0010.
1E40	3262 A-A2S2 I/O cbl TCC/ A-A2	77 20 2 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Carriage check 4 (the 1st 3 carriage advance pulses were not received in 6 ms after activating carriage go). Note: Noise on the 512 msec clock may be a cause of this problem.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1E41	3262 A-A2S2 I/O cbl TCC/ A-A2	77 20 2 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Carriage check 3 (indicates, on carriage skips beyond one line, any five consecutive carriage advance pulses were not received in 2.7 ms (+0.0, -0.7) to 6.6 ms (0.6, -0.0 MS) while carriage go was active). Note: Noise on the 512 msec clock may be a cause of this problem.
1E42	3262 A-A2S2 I/O cbl TCC/ A-A2	77 20 2 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Carriage check 1 (indicates that the third (last) carriage advance pulse after the fall of carriage go was not received by the controller in 10 ms (+/- 0.5MS!). Note: Noise on the 512 msec clock may be a cause of this problem.
1E43	3262 A-A2S2 I/O cbl TCC/ A-A2	77 20 2 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Forms jam (no forms movement was detected in the last 10 to 22 lines of print).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
1E49					Undefined error (the system printer error determination procedure (EDP) could not identify the failure). Go to MAP 0105, Entry Point A.
1E50	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. End of forms.
1E51	3262 A-A2T2 A-A2R2 A-A2S2 I/O cbl TCC/ A-A2	80 10 5 3 1 1	4177009 4238420 4177002	Print State Seq card Printer ctrl card 3262 Print adapter cd 3262	Printer is not ready. May be the result of the stop reset key being pressed.
1E52	3262 A-A2S2 I/O cbl	95 4 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. 3262 CE switch is on.
1E53	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Print unit open or belt cover not in place.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1E61	Program error	99			<p>Program error occurred while using the 3262 printer.</p> <p>Not valid IOB command, command modifier or data length is not valid.</p> <p>This error indicates that the command or command modifier field of the printer IOB contains a not valid value or that the data length field contains a value larger than 256.</p> <p>See the functions reference manual.</p>
1E62	Program error	99			<p>Program error occurred while using the 3262 printer.</p> <p>Data stream reject.</p> <p>The printer control unit has detected a procedural problem with the data stream it received. See the functions reference manual.</p>
1E30	3262 A-A2S2 I/O cbl TCC/ A-A2	90 5 4 1	4177002	Print adapter cd 3262	<p>Go to 3262 Printer Entry MAP 0010.</p> <p>Cable interlock check has occurred.</p> <p>Either the cables are installed correctly or the system contains the hardware for a 3262 printer but the printer is not attached to the system.</p>



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
1E81	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Thermal check 1 (thermal switch opened in belt motor, hammer unit fan, hammer unit or power supply).
1E82	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Thermal check 2 (indicates a circuit protector in the 3262 has tripped because of an overcurrent condition).
1E83	3262 A-A2T2 A-A2S2 I/O cbl TCC/ A-A2	85 10 3 1 1	4177009 4177002	Print State Seq card Print adapter cd 3262	Go to 3262 Printer Entry MAP 0010. Printer not powered on. Power is turned off or power failure has occurred.
1E84	A-A2T2 A-A2S2  Program Error	49 49  2	4177009 4177002	Print State Seq card Print adapter cd 3262	Data transfer check (this error occurs when either data is lost or too much data is transferred between the input/output control handler (IOCH) and the printer control unit).
1E89	3262 A-A2S2 I/O cbl TCC/ A-A2	95 3 1 1	4177002	Print adapter cd 3262	Go to 3262 Printer Entry MAP 0100. Ribbon check (the ribbon is stuck or is moving too slow or both ribbon reverse switches are on).
2000					CSIPL load 1 start - \$IPL

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
2001					Initialize page tables - \$IPL.
2002					Initialize main storage - \$IPL.
2010					CSIPL load 2 start - \$IPLML.
2012					First disk operation - \$IPLML.
2013					First disk operation complete - \$IPLML.
2014					Process unit definition table - \$IPLML.
2016					Call \$IPLML for logging tables - \$IPLML.
2018					Start communications controller load - \$IPLML.
201A					DSA controller load - \$IPLML.
201C					Work station controller load - \$IPLML.
201E					3262 controller load - \$IPLML.
2020					MSIPL from disk - mode 0 - \$IPLML.
2021					Disk operation - read bootstrap - \$IPLML.
2030					MSIPL from diskette - mode F - \$IPLML.
2031					Diskette operation - abort - \$IPLML.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
2032					Diskette operation - orient - \$IPLML.
2033					Diskette operation - select - \$IPLML.
2034					Diskette operation - recalibrate - \$IPLML.
2035					Diskette operation - read valid - \$IPLML.
2036					Diskette operation - read bootstrap - \$IPLML.
2040					Start logging table initialization - \$IPLML.
240F	Program				System Entry not in system UDT. Run Configure.
24CC	Custmiz Program				Diskette I/O error.
24E1	Custmiz Program				The Personal Computer DSKT01 is not in the microcode level table.
24E2	Custmiz Program				The DSKT01 part number does not match the part number in the microcode level table.
24E3	Custmiz Program				The RPQ table in the microcode level table is full.
24E4	Custmiz Program				The first message library is not on the diskette.
24E5	Custmiz Program				The second message library is not on the diskette.
24E6	Custmiz Program				The third message library is not on the diskette.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
24E7	Custmiz Program				The fourth message library is not on the diskette.
24E8	Custmiz Program				The display code is not on the microcode diskette.
24E9	Custmiz Program				The PARM table is not on the microcode diskette.
24EA	Custmiz Program				An invalid screen number was specified or screen not found.
24EE	Custmiz Program				An invalid message number was specified or message not found.
24EF	Custmiz Program				Diskette I/O error.
24FF	Custmiz Program				Program error. See Setting Up Your Computer Manual.
3006					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).
300b					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).
301E					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).
3032					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
3035					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).
3039	A-A1H2  A-A1J2	75  20	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	First work station controller error occurred. See MAP 7001.
3043					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).
3049					Work station error. System dump could not be taken because of an error with work station controller.
304A					Diskette error during system dump.
304C					Permanent disk error or work station error. Go to MAP 9500,A (21ED) or 9700,A (10SR). If the disk MAP does not identify a failure, then go to work station MAP 7001,A.
304d					Permanent tape error during system dump. The dump could not be taken.
3069	A-A3S2  A-A3T2	75  20	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	Second work station controller error occurred. See MAP 7001.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>30CA</b>					Permanent disk error. Dump could not be taken. Go to MAP 9500,A (21ED) or 9700,A (10SR).
<b>30F1</b>					Permanent disk error during condense of system library. Go to MAP 9500,A (21ED) or 9700,A (10SR).
<b>5010</b>					An error occurred on the display station address X on port Y. Options are: 0 to bypass 1 to retry
<b>5020</b>					The work station printer address X on port Y is not ready. Options are: 0 to bypass 1 to retry
<b>5021</b>					The work station printer address X on port Y is out of forms. Options are: 0 to bypass 1 to retry
<b>5022</b>					The work station printer address X on port Y has a forms check. Options are: 0 to bypass 1 to retry
<b>5023</b>					The work station printer address X on port Y has a graphic check. Options are: 0 to bypass 1 to retry

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
5024					The work station printer address X on port Y has a print check. Options are: 0 to bypass 1 to retry
5025					The work station printer address X on port Y has a machine check. Options are: 0 to bypass 1 to retry
5026					The work station printer address X on port Y has a paper jam. Options are: 0 to bypass 1 to retry
5027					The work station printer address X on port Y has a ribbon jam. Options are: 0 to bypass 1 to retry
5028					The work station printer address X on port Y has an unrecoverable error. Options are: 0 to bypass
5030					A communications error has occurred on line N. Options are: 0 to bypass 1 to retry
50CE					The UDT is bad or 3262 I/O not found on disk.
5099					CSU pass 2 driver module not found on diskette in slot 1 or diskette I/O error.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
51CE					MSP error , bad diskette PMSDIF not found , bad diskette.
52CE					MSP error , bad diskette PMSDIF not found , bad diskette.
5360					CSU pass 1 completed correctly.
5b4F					A tape drive has a cable connection problem.
5b7C					A tape drive is not ready.
5bA6					A file protect ring is not installed.
5bCE					A tape drive has an unrecoverable error.
5bd3					A tape drive has a media problem.
5bFF					Tape drive 1 is not installed.
5CCE					The system console has an error.
5E43					The 3262 printer has a forms jam. Options are: 0 to bypass 1 to retry
5E50					The 3262 printer is out of forms. Options are: 0 to bypass 1 to retry
5E51					The 3262 printer is not ready. Options are: 0 to bypass 1 to retry



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
5E80					The 3262 printer has a cable interlock check. Options are: 0 to bypass 1 to retry
5E83					The 3262 printer is not powered on. Options are: 0 to bypass 1 to retry
5E87					The 3262 printer unit or belt cover is not in place. The only option is: 0 to bypass
5ECE					The 3262 printer has an unrecoverable error. Options are: 0 to bypass 1 to retry
7151	Program				Work station error code program problem. SNA function not supported (work station display).
7154					Undefined remote error (work station display). Run communications problem determination.
7156	Program				Work station error code program problem. SNA state error (work station display).
7157	Program				Work station error code program problem. SNA RH usage error (work station display).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
7158	Program				Work station error code program problem. SNA path error (work station display).
7163	Program				Work station error code program problem. Undefined data link protocol (DLP) detected error (work station display).
7164	Program				Work station error code program problem. Request-on-line received (work station display).
7165					DLP time-out condition (work station display). Run communications problem determination.
7166					Severe line degradation (work station display). Run communications problem determination.
7167	Program				Work station error code program problem. Protocol violation (work station display).
7168					Permanent DLP hardware error (work station display). Run communications problem determination.
7169					SNA request not valid (work station display). Run communications problem determination.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
716A	Program				Work station error code program problem. DLP communication error (work station display).
716b					DLP communication reset (work station display). Run communications problem determination.
7251	Program				Work station error code program problem. SNA function not supported (work station printer).
7254					Undefined remote error (work station printer). Run communications problem determination.
7255	Program				Work station error code program problem. Change direction sent to printer (work station printer).
7256	Program				Work station error code program problem. SNA state error (work station printer).
7257	Program				Work station error code program problem. SNA RH usage error (work station printer).
7258	Program				Work station error code program problem. SNA path error (work station printer).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
7263	Program				Work station error code program problem. Undefined data link protocol (DLP) detected error (work station printer).
7264	Program				Work station error code program problem. Request-on-line received (work station printer).
7265					DLP time-out condition (work station printer). Run communications problem determination.
7266					Severe line degradation: (work station printer). Run communications problem determination.
7267	Program				Work station error code program problem. Protocol violation (work station printer).
7268					Permanent DLP hardware error (work station printer). Run communications problem determination.
7269	Program				Work station error code program problem. SNA request not valid (work station printer).
726A	Program				Work station error code program problem. DLP communication error (work station printer).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
726b					DLP communication reset (work station printer). Run communications problem determination.
8101					Premature end of the data stream detected (work station display). Run communications problem determination.
8102	Program				Work station error code program problem. Invalid row/column address (work station display).
8103	Program				Work station error code program problem. Fields not defined in ascending address order (work station display).
8104	Program				Work station error code program problem. Either there is an escape character missing or there is an invalid command code after an escape character (work station display).
8105	Program				Work station error code program problem. Invalid start field length (work station display).
8106	Program				Work station error code program problem. Invalid start field address (work station display).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
8107	Program				Work station error code program problem. A restore command has been sent to the wrong display or data not completed has been sent with the restore command (work station display).
8108	Program				Work station error code program problem. An attempt has been made to define an input field that extends passed the end of the display screen (work station display).
8109	Program				Work station error code program problem. Format table overflow. Too many input fields have been defined (work station display).
8110	Program				Work station error code program problem. An attempt has been made to write data passed the end of the display screen (work station display).
8111	Program				Work station error code program problem. Start of header length does not equal 3 (work station display).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
8112	Program				Work station error code program problem. Roll parameter error. Invalid data following a roll command has been detected (work station display).
8113	Program				Work station error code program problem. Missing or invalid start field attribute or field format word (work station display).
8114	Program				Work station error code program problem. Invalid load display station memory command (work station display).
8115	Program				Work station error code program problem. Invalid clear unit alternate parameter (work station display).
8116	Program				Work station error code program problem. Invalid structured field length (work station display).
8117	Program				Work station error code program problem. Invalid structured field class or type value (work station display).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
8118	Program				Work station error code program problem. Invalid structured field parameter value (work station display).
8131	Program				Work station error code program problem. Invalid field length. An invalid input field length has been detected on the display screen (work station display).
8132	Program				Work station error code program problem. Resequence error. There is an invalid resequencing field control word in the format table (work station display).
8134	Program				Work station error code program problem. Shift character omission or misplacement in an IGC open field (work station display).
8142	Program				Work station error code program problem. Invalid data stream byte count of a request to configure a new work station (work station display).
8143	Program				Work station error code program problem. Invalid work station unit address (work station display).



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
8144	Program				Work station error code program problem Unit address already configured (work station display).
8145	Program				Work station error code program problem. Attempt to configure too many work stations (work station display).
8160	Program				Work station error code program problem. System detects a value greater than 4096 in the length field of a display station IOB (work station display).
8161	Program				Work station error code program problem. IOB command modifier is invalid (work station display).
8162	Program				Work station error code program problem. The work station controller has detected a value of zero (0) in the length field of a display station IOB (work station display).
8163	Program				Work station error code program problem. Invalid unit address (work station display).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
8164	Program				Work station error code program problem. Byte count for read fields not equal to number of field positions (work station display).
8166	Program				Work station error code program problem. Display station in error mode (work station display).
8167	Program				Work station error code program problem. Display station not in session (work station display).
8169	Program				Work station error code program problem. Not ready because of operator error mode or system request mode (work station display).
8170	Program				Work station error code program problem. Read issued to unlocked keyboard (work station display).
8260	Program				Work station error code program problem. Value greater than 4096 in length field of printer IOB (work station printer).

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
8261	Program				Work station error code program problem. IOB modifier is invalid (work station printer).
8262	Program				Work station error code program problem. Invalid byte count in printer IOB (work station printer).
8263	Program				Work station error code program problem. Invalid unit address in unit address field of printer IOB (work station printer).
8265	Program				Work station error code program problem. Print buffer not available (work station printer).
8266	Program				Work station error code program problem. Printer in error mode (work station printer).
8267	Program				Work station error code program problem. Printer not in session (work station printer).
8269	Program				Work station error code program problem. Cancel request (work station printer).

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
A000					Unexpected error. Re-customize and/or use a new set of diskettes. If problem persists, initialize disk A and re-customize.
A001					Unexpected error. Re-customize and/or use a new set of diskettes. If problem persists, initialize disk A and re-customize.
A1b0					Disk I/OB program error.
A1A0					Disk I/O error. Press CSP Start to retry. Run System Customize from DCP Menu with "CECE" entered on the panel display MAP Ref if 21ED=9500, if 10SR=9700.
A1C1					Work station I/O data stream error. Ensure that the console was powered on. Ensure that system console address is 0. Attempt a different diskette or go to MAP 0101.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
A1C2	A-A1J2	50	4177027	WS adapter card	Work station I/O hardware error. FIRST, Go to MAP 7001. The problem could also be a bad cable on PORT 0. See cable checkout procedure in the w/s attachment MIM. SECOND, If the problem occurred during IPL, go to MAP 0190 before replacing any FRUs. This SRC can come up if the UDT is not configured correctly (see MIM 01-290). If this SRC comes up during operations replace FRUs indicated, then go to MAP 0190 only if the FRUs did not fix the problem. TWINAX/IBM cabling system.
	A-A1H2	40	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1V4 WS cbl	3 3	8636624	WS cable assembly	
A1C3	Mcode	79		MSP Data Flow card	Work station functional microcode not found. Could be a failing diskette or misconfigured disk or diskette. If there have not been any changes made to your disk or diskette, you may have a hardware error. Go to MAP 0190, A.
	A-A1Q2	10	2597706	WSC Base card 16 KW	
	A-A1H2	10	4177036	WSC card 48 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
		2597763	WSC card 64 KW		

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>A1E0</b>					Printer I/O error. DCP, system hardware or diskette is bad; disk or diskette is misconfigured. Press CSP Start to retry. If the error occurred during IPL then re-IPL using 0000, FFF0, or FF00 to bypass the error.
<b>A2A0</b>					Disk I/O module not found on IPL diskette. Bad diskette media. Go to MAP 0101, Entry Point C.
<b>A2E0</b>					Printer I/O module not found on IPL diskette. Bad diskette media. Go to MAP 0101, Entry Point C.
<b>AF90</b>					Disk error while loading SSP microcode. Bad or misconfigured diskette.
<b>AF91</b>	<b>A-A1C2/ A-A2C2</b>	<b>80</b>	<b>2597702 2597702 2437374</b>	<b>adapter A card 21ED adapter A card 21ED adapter A card 10SR</b>	Disk drive A error while loading SSP microcode. MAP ref if 21ED=9500, if 10SR=9700.
<b>AF92</b>	<b>A-A1E2/ A-A2E2</b>	<b>80</b>	<b>2462228</b>	<b>Data stor adapter 1 cd</b>	Disk drive error while loading SSP microcode. MAP ref if 21ED=9500, if 10SR=9700.
<b>AF93</b>	<b>A-A1C2/ A-A2C2</b>	<b>80</b>	<b>2597702 2597702 2437374</b>	<b>adapter A card 21ED adapter A card 21ED adapter A card 10SR</b>	Disk drive A error while loading SSP microcode. MAP ref if 21FD=9500, if 10SR=9700.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
AFF2					Unexpected interrupt on Interrupt Level 2. Devices on this interrupt: Data Communication Adapt (MIM 30-205) CSF (Interval Timer) (MIM 10-200)
AFF4					Unexpected interrupt on Interrupt Level 4 Attempt to restart the current operation. Devices on this interrupt: Work Station Controller (MIM 70-210) System Printer Adapter (MIM 50-210) Data Storage Attachment - 1 (MIM 90-210) Data Storage Attachment - 2 (MIM 90-210) Data Storage Controller (MIM 90-210)
b1xx					Work station TU select stop code (XX = the last two characters of the TU that just ran) see the work station attachment MIM 70-420 to interpret the result bytes in work registers WR6 and WR7.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
b2xx					The work station MDI MAP stop code (XX = the MAP ID) go to hard copy MAP and entry point indicated in work registers WR4 and WR5 (L) respectively. To read out WR4 and WR5: Select mode 1. Enter 0004. Press Display Output and record contents. Enter 0005. Press Display Output and record contents.
b421					Normal halt for work station MDIs. Press CSP Start to continue running work station MDIs.
b500					The selected work station MDI MAP was not found. Check for proper diskette or damaged diskette.
b501					The selected work station load module was not found. Check for proper or damaged diskette
b502					The selected work station TU was not found. Verify the TU selected is valid or check diskette.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>b503</b>					The selected work station is not configured or may be configured wrongly. Use the system configure utility (01-290) to configure the work station.
<b>C000</b>					Default wrap supervisor halt code; RelPL.
<b>C001</b>					Wrap module not found. Misconfigured or bad disk or diskette. Check UDT for correct configuration (see MIM 01-290).
<b>C002</b>					System reference code module ID (WFE00) not found in wrap address table. Misconfigured or bad disk or diskette.
<b>C003</b>					Primary system reference code table entry missing. Misconfigured or bad disk or diskette.
<b>C004</b>					Secondary system reference code table entry missing. Misconfigured or bad disk or diskette.
<b>C005</b>					Proc Check while sensing file configuration. Channel or file attachment error.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C201	MS  A-A1Q2	90  10	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	Bad 2Kb main storage page. Use MAP 1100 to find the bad card. Possible configuration error. MS = main storage
C301	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk / diskette SRCs first.
C302	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk / diskette SRCs first.
C303	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk / diskette SRCs first.
C304	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk / diskette SRCs first.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>C306</b>	<b>A-A2J2</b> <b>A-A2K2</b>	<b>80</b> <b>20</b>	<b>4237136</b> <b>2597763</b> <b>2462228</b>	<b>Data stor ctrl card</b> <b>Data stor ctrl card</b> <b>Data Stor Adapter 2 cd</b>	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
<b>C308</b>	<b>A-A2J2</b> <b>A-A2L2</b>	<b>94</b> <b>5</b>	<b>4237136</b> <b>2597763</b> <b>2597725</b>	<b>Data stor ctrl card</b> <b>Data stor ctrl card</b> <b>Tape adapter card</b>	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx) perform the activity defined for the disk/diskette SRCs first.
<b>C309</b>	<b>A-A2J2</b>	<b>99</b>	<b>4237136</b> <b>2597763</b>	<b>Data stor ctrl card</b> <b>Data stor ctrl card</b>	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
<b>C310</b>	<b>A-A2J2</b> <b>A-A2K2</b>	<b>80</b> <b>20</b>	<b>4237136</b> <b>2597763</b> <b>2462228</b>	<b>Data stor ctrl card</b> <b>Data stor ctrl card</b> <b>Data Stor Adapter 2 cd</b>	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
<b>C311</b>	<b>A-A2J2</b>	<b>99</b>	<b>4237136</b> <b>2597763</b>	<b>Data stor ctrl card</b> <b>Data stor ctrl card</b>	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
C312	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
C313	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
C314	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
C315	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
C316	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C317	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
C318	A-A2J2	99	4237136 2597763	Data stor ctrl card Data stor ctrl card	If you have wrap error SRCs for disk (C9xx or CAxx) or diskette (Cdxx) along with the tape SRC (Cbxx), perform the activity defined for the disk/diskette SRCs first.
C510	A-A2N2 A-A2P2	70 25	8528166 4238420	adapter card 1255 Controller card 1255	Initialization
C511	A-A2P2 A-A2N2	70 25	4238420 8528166	Controller card 1255 adapter card 1255	ALU
C512	A-A2N2 A-A2P2 A-A2Q2 A-A2L4 A-A2M4	20 20 20 10 10	8528166 4238420 8528167 4238422 4238422	adapter card 1255 Controller card 1255 Driver/Rec card 1255 stor card 1255 stor card 1255	Failing TUs: 4010, 14, 16-18, 21, 22, 24, 27, 67, 68, 69. See TUSELECT for description.
C513	A-A2P2 A-A2N2 A-A2L4 A-A2M4	50 20 10 10	4238420 8528166 4238422 4238422	Controller card 1255 adapter card 1255 stor card 1255 stor card 1255	Control.
C514	A-A2L4 A-A2M4 A-A2P2 A-A2N2	30 30 10 10	4238422 4238422 4238420 8528166	stor card 1255 stor card 1255 Controller card 1255 adapter card 1255	Memory.
C515	A-A2N2 A-A2P2 A-A2L4 A-A2M4	30 30 15 15	8528166 4238420 4238422 4238422	adapter card 1255 Controller card 1255 stor card 1255 stor card 1255	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C516	A-A2N2 A-A2Q2 Cables	30 30 30	8528166 8528167	adapter card 1255 Driver/Rec card 1255	Failing TUs: 40B1 to 40B9, and 40C0 to 40C8 inclusive. Manufacturing wrap test, requires wrap plug.
C517	A-A2N2 A-A2P2 A-A2L4 A-A2M4	20 20 20 20	8528166 4238420 4238422 4238422	adapter card 1255 Controller card 1255 stor card 1255 stor card 1255	Failing TUs: 4053, 4054, 4055, 4056, 4057. See TUSELECT for description.
C518	A-A2N2 A-A2P2	45 45	8528166 4238420	adapter card 1255 Controller card 1255	Manufacturing wrap test, requires plug.
C519	A-A2N2	90	8528166	adapter card 1255	Requires 1255 wrap plug. See TU-Select Menu for 1255, for description of failing FRU. See 1255 TMM SY24-3555-3.
C51A	1255	95			Requires 1255 wrap plug. See TU-Select Menu for 1255 for description of failing TU.
C601	A-A1H2  A-A1J2	95  2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card is unable to perform an initial address load operation. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C602	A-A1H2  A-A1J2	95  2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card was unable to perform a sense data buffer operation. If FRU replacement does not fix, return to MAP 0101, Entry Point B.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C603	A-A1H2	95	4177036	WSC Base card 16 KW	The A1H2 card was unable to perform a load cycle steal counter operation. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	2	4177027	WS adapter card	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1M2	1	4234080	CSP Data Flow card	
C604	A-A1H2	95	4177036	WSC Base card 16 KW	The A1H2 card failed the processor interrupt test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	2	4177027	WS adapter card	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1M2	1	4234080	CSP Data Flow card	
C606	A-A1H2	90	4177036	WSC Base card 16 KW	If FRU replacement does not fix, go to MAP 0105, Entry Point A.
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	4	4177027	WS adapter card	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1M2	1	4234080	CSP Data Flow card	
C608	A-A1H2	90	4177036	WSC Base card 16 KW	If FRU replacement does not fix, go to MAP 0105, Entry Point A.
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	4	4177027	WS adapter card	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1M2	1	4234080	CSP Data Flow card	
C609	A-A1H2	90	4177036	WSC Base card 16 KW	If FRU replacement does not fix, go to MAP 0105, Entry Point A.
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1J2	4	4177027	WS adapter card	
	A-A1L2	2	4234069	CSP Channel card	
	A-A1M2	1	4234080	CSP Data Flow card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C610	A-A1H2 A-A1J2 A-A1M2	65 32 2	4177036 4177038 4237136 2597763 4177027 4234080	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Data Flow card	The A1H2 card failed the branch instruction test The A1J2 card can cause this failure also. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C611	A-A1H2 A-A1J2	95 2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the register instruction test. if FRU replacement does not fix, return to MAP 0101, Entry Point B.
C612	A-A1H2 A-A1J2	95 2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the arithmetic instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C613	A-A1H2 A-A1J2	95 2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the register to storage instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C614	A-A1H2 A-A1J2	95 2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the channel processor check test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C615	A-A1H2 A-A1J2	95 2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the new attachment controller micro instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
C616	A-A1H2  A-A1J2	95  2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the base displacement instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C617	A-A1H2  A-A1J2	95  2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the storage test. This TU tests only the first 32Kb words of attachment controller storage. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C618	A-A1H2  A-A1J2	95  2	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the storage test. This TU tests all of the controller storage. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C623	A-A1H2  A-A1J2 A-A1N2	95  2 2	4177036 4237136 2597763 4177027 2597716	WSC Base card 16 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Stage 2	The A1H2 card was unable to perform a load cycle steal counter operation. if FRU replacement does not fix, return to MAP 0101, Entry Point B.
C624	A-A1H2  A-A1J2 A-A1N2	95  2 2	4177036 4237136 2597763 4177027 2597716	WSC Base card 16 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Stage 2	The A1H2 card failed the processor interrupt test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C626	A-A1H2 A-A1J2 A-A1N2	90 4 2	4177036 4237136 2597763 4177027 2597716	WSC Base card 16 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Stage 2	If FRU replacement does not fix, go to MAP 0105, Entry Point A.
C628	A-A1H2 A-A1J2 A-A1N2	90 4 2	4177036 4237136 2597763 4177027 2597716	WSC Base card 16 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Stage 2	If FRU replacement does not fix, go to MAP 0105, Entry Point A.
C629	A-A1H2 A-A1J2 A-A1N2	90 4 2	4177036 4237136 2597763 4177027 2597716	WSC Base card 16 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Stage 2	If FRU replacement does not fix, go to MAP 0105, Entry Point A.
C630	A-A1H2 A-A1J2 A-A1N2	65 32 2	4177036 4237136 2597763 4177027 2597716	WSC Base card 16 KW WSC card 64 KW WSC card 64 KW WS adapter card CSP Stage 2	The A1H2 card failed the branch instruction test The A1J2 card can cause this failure also. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C631	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card is unable to perform an initial address load operation. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C632	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card was unable to perform a sense data buffer operation. If FRU replacement does not fix, return to MAP 0101, Entry Point B.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C633	A-A1H2 A-A1J2	95 4	4177036 4177038 4237136 2597763 4177027	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS adapter card	The A1H2 card failed the W/S MDIs.
C641	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card failed the register instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C642	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card failed the arithmetic instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C643	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card failed the register to storage instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C644	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card failed the channel processor check test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
C645	A-A3S2 A-A3T2	95 2	4237136 2597763 4177027	Ctrlr cd 64KW Ctrlr cd 64KW WS Adapter card	The A3S2 card failed the new attachment controller micro instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>C646</b>	<b>A-A3S2</b> <b>A-A3T2</b>	<b>95</b> <b>2</b>	<b>4237136</b> <b>2597763</b> <b>4177027</b>	<b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS Adapter card</b>	The A3S2 card failed the base displacement instruction test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
<b>C647</b>	<b>A-A3S2</b> <b>A-A3T2</b>	<b>95</b> <b>2</b>	<b>4237136</b> <b>2597763</b> <b>4177027</b>	<b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS Adapter card</b>	The A3S2 card failed the storage test. This TU tests only the first 32Kb words of attachment controller storage. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
<b>C648</b>	<b>A-A3S2</b> <b>A-A3T2</b>	<b>95</b> <b>2</b>	<b>4237136</b> <b>2597763</b> <b>4177027</b>	<b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS Adapter card</b>	The A3S2 card failed the storage test. This TU tests all of the controller storage. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
<b>C653</b>	<b>A-A3S2</b> <b>A-A3T2</b> <b>A-A1N2</b>	<b>95</b> <b>2</b> <b>2</b>	<b>4237136</b> <b>2597763</b> <b>4177027</b> <b>2597716</b>	<b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS Adapter card</b> <b>CSP Stage 2</b>	The A3S2 card was unable to perform a load cycle steal counter operation. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
<b>C654</b>	<b>A-A3S2</b> <b>A-A3T2</b> <b>A-A1N2</b>	<b>95</b> <b>2</b> <b>2</b>	<b>4237136</b> <b>2597763</b> <b>4177027</b> <b>2597716</b>	<b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS Adapter card</b> <b>CSP Stage 2</b>	The A3S2 card failed the processor interrupt test. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
<b>C656</b>	<b>A-A3S2</b> <b>A-A3T2</b> <b>A-A1N2</b>	<b>90</b> <b>4</b> <b>2</b>	<b>4237136</b> <b>2597763</b> <b>4177027</b> <b>2597716</b>	<b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS Adapter card</b> <b>CSP Stage 2</b>	If FRU replacement does not fix, go to MAP 0101, Entry Point B.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C658	A-A3S2	90	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	If FRU replacement does not fix, go to MAP 0101, Entry Point B.
	A-A3T2	4	4177027	WS Adapter card	
	A-A1N2	2	2597716	CSP Stage 2	
C659	A-A3S2	90	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	If FRU replacement does not fix, go to MAP 0101, Entry Point B.
	A-A3T2	4	4177027	WS Adapter card	
	A-A1N2	2	2597716	CSP Stage 2	
C660	A-A3S2	65	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	The A3S2 card failed the branch instruction test The A3T2 card can cause this failure also. If FRU replacement does not fix, return to MAP 0101, Entry Point B.
	A-A3T2	32	4177027	WS Adapter card	
	A-A1N2	2	2597716	CSP Stage 2	
C663	A-A3S2	95	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	The A3S2 card failed the the W/S MDIs.
	A-A3T2	4	4177027	WS Adapter card	
C800	A-A3S2	90	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Bus coupler TUs to comm controller failed. Ignore any other C8XX SRCs for TU Select MLCA controller option. NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.
	A-A1N2 Channel Cables	5 5	2597716	CSP Stage 2	
C801	A-A1K2	90	4177000	SLCA Comm card	Internal wrap of control output register.
	A-A1G2	5	5864683	X.21 card	
		5864668	EIA card		
		8527032	DDSA card		
		8564508	1200 Sw (US) card		
		6173448	1200 NonSw (US) card		
5167246	1200 Sw (WT) card				
5167248	1200 NonSw (WT) card				
A-A1N2	5	2597716	CSP Stage 2		

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C802	A-A1K2 Channel Cables	90 10	4177000	SLCA Comm card	If new installation, check device adr switches on comm adapter card (SW 5 & 6) should be on/off).
C803	A-A1K2 A-A1G2         A-A1L2	90 5        5	4177000 5864683 5864668 8527032 8564508 6173448 5167246 5167248 4234069	SLCA Comm card X.21 card EIA card DDSA card 1200 Sw (US) card 1200 NonSw (US) card 1200 Sw (WT) card 1200 NonSw (WT) card CSP Channel card	Internal wrap of control output register.
C804	A-A1K2 A-A1L2 A-A1B3/ A-A2U3	75 20 3	4177000 4234069 4234073	SLCA Comm card CSP Channel card Channel terminator	Timer test failed, system clocks possibly bad to comm board. A-A1B3/A-A2U terminates system clock lines. A-A1L2 is source for system clocks.
C805	A-A1K2	95	4177000	SLCA Comm card	If new installation, check NRZ switch (SW 4) on A-A1K2 card must be set to off.
C807	A-A1B2 A-A1K2	90 10	4177019 4177000	Internal Clock card SLCA Comm card	If new installation, Verify configuration is ok. MDI TU T8119 runs only when internal clock is configured.
C808	A-A1K2 A-A1L2	90 5	4177000 4234069	SLCA Comm card CSP Channel card	MDI TU T8107, T8110 through T8118 and T8120 through T8128 can cause this SRC.
C809	A-A1G2 A-A1K2	95 5	5864683 4177000	X.21 card SLCA Comm card	X.21 (SW) internal wrap TU failed.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C80b	A-A1K2 A-A1N2 A-A1B3/ A-A2U3	75 20 3	4177000 2597716 4234073	SLCA Comm card CSP Stage 2 Channel terminator	Timer test failed, system clocks possibly bad to comm board. A-A1B3/A-A2U terminates system clock lines. A-A1N2 is source for system clocks.
C80C	A-A1G2  A-A1K2	95  5	5167248 8564508 6173448 5167246 4177000	1200 NonSw (WT) card 1200 Sw (US) card 1200 NonSw (US) card 1200 Sw (WT) card SLCA Comm card	1200 I.M. internal wrap TU failed.
C80d	A-A1G2 A-A1K2	95 5	8527032 4177000	DDSA card SLCA Comm card	DDSA internal wrap TU failed.
C80E	A-A1K2 A-A1N2	90 5	4177000 2597716	SLCA Comm card CSP Stage 2	MDI TU T8107, T8110 through T8118 and T8120 through T8128 can cause this SRC.
C810	A-A3S2  A-A1L2 Channel Cables	90  5 5	4177036 4177037 4237136 2597763 4234069	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 CSP Channel card	Bus coupler TUs to communications controller failed. Ignore any other C8xx SRCs. For TU Select, select MLCA controller option. NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.
C811	A-A3S2	95	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Controller TUs to communications controller failed TUs 6106, 6108 through 610C, 610F, 6110 through 6116 and 6118. Ignore any other C8xx SRCs NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C812	A-A3R2 A-A3S2	95 5	4177000 4177036 4177037 4237136 2597763	Comm card Line 1 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	If all comm lines fail with C8x2, suspect A-A3S2 (50 %). NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.
C813	A-A3R2 A-A3M2	95 5	4177000 5864683 5864668 8527032 6173448 8564508 5167246 5167248	Comm card Line 1 X.21 card EIA card DDSA card 1200 NonSw US card 1200 Sw US card 1200 Sw WT card 1200 NonSw wt card	Internal wrap of control output register.
C814	A-A3R2 A-A1L2 A-A3U3 Channel Cables	75 20 3 2	4177000 4234069 4234073	Comm card Line 1 CSP Channel card Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1L2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C815	A-A3R2	95	4177000	Comm card Line 1	If new installation, check NRZ switch (SW 4) on A-A3R2 card. Must be off.
C817	A-A3U2 A-A3R2	90 10	4177019 4177000	Clock card Comm card Line 1	If new installation, verify configuration is ok. MDI TU T8119 runs only when configured for internal clock.
C818	A-A3R2	95	4177000	Comm card Line 1	MDI TU T8107, T8110 through T8118 and T8120 through T8128 can cause this SRC.
C819	A-A3M2 A-A3R2	95 5	5864683 4177000	X.21 card Comm card Line 1	X.21 (SW) internal wrap 1U failed.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C81b	A-A3R2 A-A1N2 A-A3U3 Channel Cables	75 20 3 2	4177000 2597716 4234073	Comm card Line 1 CSP Stage 2 Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1N2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C81C	A-A3M2  A-A3R2	95  5	6173448 8564508 5167246 5167248 4177000	1200 NonSw US card 1200 Sw US card 1200 Sw WT card 1200 NonSw wt card Comm card Line 1	1200 I.M. internal wrap TU failed.
C81d	A-A3M2 A-A3R2	95 5	8527032 4177000	DDSA card Comm card Line 1	DDSA internal wrap TU failed.
C822	A-A3Q2 A-A3S2	95 5	4177000 4177036 4177037 4237136 2597763	Comm card Line 2 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	If all comm lines fail with C8x2, suspect A-A3S2 (50 %). NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.
C823	A-A3Q2 A-A3L2	95 5	4177000 5864683 5864668 8527032 8564508 6173448 5167246 5167248	Comm card Line 2 X.21 card EIA card DDSA card 1200 Sw US card 1200 NonSw US card 1200 Sw WT card 1200 NonSw wt card	Internal wrap of control output register.
C824	A-A3Q2 A-A1L2 A-A3U3 Channel Cables	75 20 3 2	4177000 4234069 4234073	Comm card Line 2 CSP Channel card Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1L2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C825	A-A3Q2	95	4177000	Comm card Line 2	If new installation, check NRZ switch (SW 4) on A-A3Q2 card. Must be off.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C827	A-A3U2 A-A3Q2	90 10	4177019 4177000	Clock card Comm card Line 2	If new installation verify configuration is ok. MDI TJ T8119 runs only when configured for internal clock.
C828	A-A3Q2	95	4177000	Comm card Line 2	MDI TU T8107, T8110 through T8118 and T8120 through T8128 can cause this SRC.
C829	A-A3L2 A-A3Q2	95 5	5864683 4177000	X.21 card Comm card Line 2	X.21 (SW) internal wrap TU failed.
C82b	A-A3Q2 A-A1N2 A-A3U3 Channel Cables	75 20 3 2	4177000 2597716 4234073	Comm card Line 2 CSP Stage 2 Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1N2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C82C	A-A3L2  A-A3Q2	95  5	8564508 6173448 5167246 5167248 4177000	1200 Sw US card 1200 NonSw US card 1200 Sw WT card 1200 NonSw wt card Comm card Line 2	1200 I.M. internal wrap TU failed.
C82d	A-A3L2 A-A3Q2	95 5	8527032 4177000	DDSA card Comm card Line 2	DDSA internal wrap TU failed.
C832	A-A3P2 A-A3S2	95 5	4177000 4177036 4177037 4237136 2597763	Comm card Line 3 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	If all comm lines fail with C8x2, suspect A-A3S2 (50 %). NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C833	A-A3P2 A-A3M4	95 5	4177000 5864683 5864668 8527032 6173448 8564508 5167246 5167248	Comm card Line 3 X.21 card EIA card DDSA card 1200 NonSw US card 1200 Sw US card 1200 Sw WT card 1200 NonSw wt card	Internal wrap of control output register.
C834	A-A3P2 A-A1L2 A-A3U3 Channel Cables	75 20 3 2	4177000 4234069 4234073	Comm card Line 3 CSP Channel card Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1L2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C835	A-A3P2	95	4177000	Comm card Line 3	If new installation, check NRZ switch (SW 4) on A-A3P2 card. Must be off.
C837	A-A3U2 A-A3P2	90 10	4177019 4177000	Clock card Comm card Line 3	If new installation, verify configuration is ok. MDI TU T8119 runs only when configured for internal clock.
C838	A-A3P2	95	4177000	Comm card Line 3	MDI TU T8107, T8110 through T8118 and T8120 through T8128 can cause this SRC.
C839	A-A3M4 A-A3P2	95 5	5864683 4177000	X.21 card Comm card Line 3	X.21 (SW) internal wrap TU failed.
C83b	A-A3P2 A-A1N2 A-A3U3 Channel Cables	75 20 3 2	4177000 2597716 4234073	Comm card Line 3 CSP Stage 2 Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1N2, A-A3U3, channel cables. This is common logic to all MLCA lines.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C83C	A-A3M4 A-A3P2	95 5	6173448 8564508 5167246 5167248 4177000	1200 NonSw US card 1200 Sw US card 1200 Sw WT card 1200 NonSw wt card Comm card Line 3	1200 I.M. internal wrap TU failed.
C83d	A-A3M4 A-A3P2	95 5	8527032 4177000	DDSA card Comm card Line 3	DDSA internal wrap TU failed.
C842	A-A3N2 A-A3S2	95 5	4177000 4177036 4177037 4237136 2597763	Comm card Line 4 Controller card 16 KW Controller card 32 KW Ctrir cd 64KW stage 2 Ctrlr cd 64KW stage 2	If all comm lines fail with C8x2, suspect A-A3S2 (50 %). NOTE: A 32KW or 64KW controller is required for X.21 Switched or X.25.
C843	A-A3N2 A-A3L4	95 5	4177000 4176994 5864683 5864668 8527032 8564508 6173448 5167246 5167248	Comm card Line 4 V.35 card X.21 card EIA card DDSA card 1200 Sw US card 1200 NonSw US card 1200 Sw WT card 1200 NonSw wt card	Internal wrap of control output register.
C844	A-A3N2 A-A1L2 A-A3U3 Channel Cables	75 20 3 2	4177000 4234069 4234073	Comm card Line 4 CSP Channel card Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1L2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C845	A-A3N2	95	4177000	Comm card Line 4	If new installation, check NRZ switch (SW 4) on A-A3N2 card. Must be off.
C847	A-A3U2 A-A3N2	90 10	4177019 4177000	Clock card Comm card Line 4	If new installation, verify configuration is ok. MDI TU T8119 runs only when configured for internal clock.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C848	A-A3N2	95	4177000	Comm card Line 4	MDI TU T8107, T8110 through T8118 and T8120 through T8128 can cause this SRC.
C849	A-A3L4 A-A3N2	95 5	5864683 4177000	X.21 card Comm card Line 4	X.21 (SW) internal wrap TU failed.
C84b	A-A3N2 A-A1N2 A-A3U3 Channel Cables	75 20 3 2	4177000 2597716 4234073	Comm card Line 4 CSP Stage 2 Terminator card	Timer test failed. If only one line fails with C8x4, rule out A-A1N2, A-A3U3, channel cables. This is common logic to all MLCA lines.
C84C	A-A3L4  A-A3N2	95  5	8564508 6173448 5167246 5167248 4177000	1200 Sw US card 1200 NonSw US card 1200 Sw WT card 1200 NonSw wt card Comm card Line 4	1200 i.M. internal wrap TU failed.
C84d	A-A3L4 A-A3N2	95 5	8527032 4177000	DDSA card Comm card Line 4	DDSA internal wrap TU failed.
C851	A-A3F2 A-A3P2	96 1	2597759 4237136 2597763	EIA/CCITT/auto call ELCA control card ELCA control card	EIA/CCITT communications adapter failure line 1. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C852	A-A3G2 A-A3P2	96 1	2597759 4237136 2597763	EIA/CCITT/auto call ELCA control card ELCA control card	EIA/CCITT communications adapter failure line 2. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>C853</b>	<b>A-A3H2 A-A3P2</b>	<b>96 1</b>	<b>2597759 4237136 2597763</b>	<b>EIA/CCITT/auto call ELCA control card ELCA control card</b>	EIA/CCITT communications adapter failure line 3. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C854</b>	<b>A-A3J2 A-A3P2</b>	<b>96 1</b>	<b>2597759 4237136 2597763</b>	<b>EIA/CCITT/auto call ELCA control card ELCA control card</b>	EIA/CCITT communications adapter failure line 4. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C855</b>	<b>A-A3K2 A-A3P2</b>	<b>96 1</b>	<b>2597759 4237136 2597763</b>	<b>EIA/CCITT/auto call ELCA control card ELCA control card</b>	EIA/CCITT communications adapter failure line 5. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C856</b>	<b>A-A3L2 A-A3P2</b>	<b>96 1</b>	<b>2597759 4237136 2597763</b>	<b>EIA/CCITT/auto call ELCA control card ELCA control card</b>	EIA/CCITT communications adapter failure line 6. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C857</b>	<b>A-A3M2 A-A3P2</b>	<b>96 1</b>	<b>2597759 4237136 2597763</b>	<b>EIA/CCITT/auto call ELCA control card ELCA control card</b>	EIA/CCITT communications adapter failure line 7. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C858</b>	<b>A-A3N2 A-A3P2</b>	<b>96 1</b>	<b>2597759 4237136 2597763</b>	<b>EIA/CCITT/auto call ELCA control card ELCA control card</b>	EIA/CCITT communications adapter failure line 8. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
C861	A-A3F2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 1. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C862	A-A3G2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 2. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C863	A-A3H2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 3. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C864	A-A3J2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 4. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C865	A-A3K2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 5. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C866	A-A3L2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 6. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C867	A-A3M2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 7. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C868	A-A3N2 A-A3P2	96 1	2597761 4237136 2597763	DDSA card ELCA control card ELCA control card	DDSA communications adapter failure line 8. Note: If more than one comm SRC appears suspect A-A3P2 (50%). CSIPL failure.
C871	A-A3F2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 1. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C872	A-A3G2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 2. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C873	A-A3H2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 3. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C874	A-A3J2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 4. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C875	A-A3K2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 5. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C876	A-A3L2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 6. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C877	A-A3M2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 7. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C878	A-A3N2 A-A3P2	96 1	2597762 4237136 2597763	X.21 card ELCA control card ELCA control card	X.21 communications adapter failure line 8. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C881	A-A3F2 A-A3P2	96 1	2597760 4237136 2597763	V.35 card ELCA control card ELCA control card	V.35 communications adapter failure line 1. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
C882	A-A3G2 A-A3P2	96 1	2597760 4237136 2597763	V.35 card ELCA control card ELCA control card	V.35 communications adapter failure line 2. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>C883</b>	<b>A-A3H2 A-A3P2</b>	<b>96 1</b>	<b>2597760 4237136 2597763</b>	<b>V.35 card ELCA control card ELCA control card</b>	V.35 communications adapter failure line 3. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C884</b>	<b>A-A3J2 A-A3P2</b>	<b>96 1</b>	<b>2597760 4237136 2597763</b>	<b>V.35 card ELCA control card ELCA control card</b>	V.35 communications adapter failure line 4. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C885</b>	<b>A-A3K2 A-A3P2</b>	<b>96 1</b>	<b>2597760 4237136 2597763</b>	<b>V.35 card ELCA control card ELCA control card</b>	V.35 communications adapter failure line 5. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C886</b>	<b>A-A3L2 A-A3P2</b>	<b>96 1</b>	<b>2597760 4237136 2597763</b>	<b>V.35 card ELCA control card ELCA control card</b>	V.35 communications adapter failure line 6. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C887</b>	<b>A-A3M2 A-A3P2</b>	<b>96 1</b>	<b>2597760 4237136 2597763</b>	<b>V.35 card ELCA control card ELCA control card</b>	V.35 communications adapter failure line 7. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.
<b>C888</b>	<b>A-A3N2 A-A3P2</b>	<b>96 1</b>	<b>2597760 4237136 2597763</b>	<b>V.35 card ELCA control card ELCA control card</b>	V.35 communications adapter failure line 8. Note: If more than one comm SRC appears, suspect A-A3P2 (50%). CSIPL failure.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>C8AA</b>	<b>A-A3P2</b>	<b>90</b>	<b>4237136</b>	<b>ELCA control card</b>	Bus coupler TUs to Comm controller failed. Note: CSIPL failure.  (Ignore any other C8xx SRC's.)
			<b>2597763</b>	<b>ELCA control card</b>	
	<b>A-A1N2</b>	<b>2</b>	<b>8248087</b>	<b>CSP stor card 32 KW</b>	
	<b>Channel cables</b>	<b>2</b>	<b>4234097</b>	<b>CSP stor card 32 kw Ec</b>	
	<b>A-A3U4</b>	<b>2</b>	<b>4234073</b>	<b>Terminator card</b>	
	<b>A-A</b>				

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C8Ab	A-A3P2	90	4237136	ELCA control card	Controller TUs to comm controller failed. (Ignore any other C8xx SRCs.)
			2597763	ELCA control card	
	A-A3F2	1	2597759	EIA/CCITT/auto call	
			2597761	DDSA card	
			2597762	X.21 card	
			2597760	V.35 card	
	A-A3G2	1	2597759	EIA/CCITT/auto call	
			2597761	DDSA card	
			2597762	X.21 card	
			2597760	V.35 card	
	A-A3H2	1	2597759	EIA/CCITT/auto call	
			2597761	DDSA card	
			2597762	X.21 card	
			2597760	V.35 card	
	A-A3J2	1	2597759	EIA/CCITT/auto call	
			2597761	DDSA card	
			2597762	X.21 card	
			2597760	V.35 card	
	A-A3K2	1	2597759	EIA/CCITT/auto call	
			2597761	DDSA card	
		2597762	X.21 card		
		2597760	V.35 card		
A-A3L2	1	2597759	EIA/CCITT/auto call		
		2597761	DDSA card		
		2597762	X.21 card		
		2597760	V.35 card		
A-A3M2	1	2597759	EIA/CCITT/auto call		
		2597761	DDSA card		
		2597762	X.21 card		
		2597760	V.35 card		
A-A3N2	1	2597759	EIA/CCITT/auto call		
		2597761	DDSA card		
		2597762	X.21 card		
		2597760	V.35 card		
A-A3U4	1	4234073	Terminator card		

SRC	FRU	%	F/N	FRU DESCRIPTION	SERVICE COMMENTS
C8AC	A-A3P2	90	4237136 2597763	ELCA control card ELCA control card	Bus coupler TUs to comm controller failed. Note: CSIPL failure (Ignore any other C8xx SRCs.)
	A-A1L2	2	4234069	CSP Channel card	
	Channel Cables	2			
	A-A3U4	2	4234073	Terminator card	
C911	A-A1C2/ A-A2C2	60	2597702	adapter A card 21ED	Adapter reg wrap failed.
	A-A1E2/ A-A2E2	15	2462228	Data stor adapter 1 cd	
	A-A1A2/ A-A2A2	4	xxxxxxx	Signal cable	
C912	A-A1C2/ A-A2C2	60	2597702	adapter A card 21ED	Set interrupt req failed. Run Drive A MDIs.
	A-A1E2/ A-A2E2	15	2462228	Data stor adapter 1 cd	
	A-A1A2/ A-A2A2	4	xxxxxxx	Signal cable	
C913	A-A1C2/ A-A2C2	50	2597702	adapter A card 21ED	Adapter/Disk interface wrap failed. Run MDIs for Drive A
	F-A1A2	45	1616312	Digital card 21ED	
	A-A1A2/ A-A2A2	4	xxxxxxx	Signal cable	
C914	Drive A	95			Motor Stop/POR test failed Run Disk MDIs for Drive A.
	A-A1C2/ A-A2C2	5	2597702	adapter A card 21ED	
C915	F-A1A2	75	1616312	Digital card 21ED	Disk interface register wrap failed. Run MDIs for Drive A.
	A-A1C2/ A-A2C2	20	2597702	adapter A card 21ED	
	A-A1A2/ A-A2A2	5	xxxxxxx	Signal cable	
C917					Motor Start test failed. Run Disk MDIs for Drive A.
C918					Recalibrate Head 0 failed. Run Disk MDIs for Drive A.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C919					Recalibrate Head 1 failed. Run Disk MDIs for Drive A.
C91A					Multi-cylinder Seek failed Run Disk MDIs for Drive A.
C91b					Multi-cylinder seek failed Run Disk MDIs for Drive A.
C91C					Diagnostic Seek failed. Run Disk MDIs for Drive A.
C91d					Servo Surface Analysis Heads 0 & 1 failed. Run Disk MDIs for Drive A.
C91E					Data time interval timing test failed. Run Disk MDIs for Drive A.
C91F					Sector/Index timing test failed. Run Disk MDIs for Drive A.
C920	A-A1C2/ A-A2C2 Drive A	60 40	2597702	adapter A card 21ED	Adapter access test failed Run Disk MDIs for Drive A.
C921	A-A1C2/ A-A2C2 A-A1E2/ A-A2E2 Drive A	80 10 10	2597702 2462228	adapter A card 21ED Data stor adapter 1 cd	Loop VFO test failed. Run Disk MDIs for Drive A.
C922					Read ID all heads failed. Run Disk MDIs for Drive A.
C923	A-A1C2/ A-A2C2 Drive A	80 20	2597702	adapter A card 21ED	Read ID Head 0 failed. Run Disk MDIs for Drive A.
C924	A-A1C2/ A-A2C2 Drive A	60 20	2597702	adapter A card 21ED	Read Data Head 0 failed. Run Disk MDIs for Drive A.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C925	A-A1C2/ A-A2C2 Drive A	80 20	2597702	adapter A card 21ED	Read Verify failed. Run Disk MDIs for Drive A.
C926					Write Data all heads failed. Run Disk MDIs for Drive A.
C927	A-A1C2/ A-A2C2 Drive A	60 40	2597702	adapter A card 21ED	Write Data Head 0 failed. Run Disk MDIs for Drive A.
C928	A-A1C2/ A-A2C2 Drive A	60 40	2597702	adapter A card 21ED	Read Diagnostic failed. Run Disk MDIs for Drive A.
C929	A-A1C2/ A-A2C2 Drive A	60 40	2597702	adapter A card 21ED	Correct ECC failed. Run Disk MDIs for Drive A.
C92A					Servo Surface Analysis Heads 2 & 3 failed. Run Disk MDIs for Drive A.
C931	A-A1D2/ A-A2D2 A-A1E2/ A-A2E2 A-A1A3/ A-A2A3	80 15 4	2597702 2462228 xxxxxxx	adapter B card 21ED Data stor adapter 1 cd Signal cable	Adapter reg wrap failed. Run Disk MDIs for Drive B.
C932	A-A1D2/ A-A2D2 A-A1E2/ A-A2E2 A-A1A3/ A-A2A3	80 15 4	2597702 2462228 xxxxxxx	adapter B card 21ED Data stor adapter 1 cd Signal cable	Set interrupt req failed. Run Disk MDIs for Drive B.
C933	A-A1D2/ A-A2D2 G-A1A2 A-A1A3/ A-A2A3	50 45 4	2597702 1616312 xxxxxxx	adapter B card 21ED Digital card 21ED Signal cable	Adapter/Disk interface wrap failed. Run Disk MDIs for Drive B.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C934	Drive B A-A1D2/ A-A2D2	95 5	2597702	adapter B card 21ED	Motor Stop/POR test failed Run Disk MDIs for Drive B.
C935	G-A1A2 A-A1D2/ A-A2D2 A-A1A3/ A-A2A3	75 20 5	1616312 2597702 xxxxxxx	Digital card 21ED adapter B card 21ED Signal cable	Disk interface register wrap failed. Run Disk MDIs for Drive B.
C937					Motor Start test failed. Run Disk MDIs for Drive B.
C938					Recalibrate Head 0 failed. Run Disk MDIs for Drive B.
C939					Recalibrate Head 1 failed. Run Disk MDIs for Drive B.
C93A					Multitrack Seek 1 failed. Run Disk MDIs for Drive B.
C93b					Multitrack Seek 2 failed. Run Disk MDIs for Drive B.
C93C					Diagnostic Seek failed. Run Disk MDI for Drive B.
C93d					Servo Surface Analysis Heads 0 & 1 failed. Run Disk MDIs for Drive B.
C93E					Data time interval timing test failed. Run Disk MDIs for Drive B.
C93F					Sector/Index timing test failed. Run Disk MDIs for Drive B.
C940	A-A1D2/ A-A2D2 Drive B	60 40	2597702	adapter B card 21ED	Adapter access test failed Run Disk MDIs for Drive B.

CONTINUED ON  
FRAME A01  
CARD 05



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C941	A-A1D2/ A-A2D2	80	2597702	adapter B card 21ED	Loop VFO test failed. Run Disk MDIs for Drive B.
	A-A1E2/ A-A2E2	10	2462228	Data stor adapter 1 cd	
	Drive B	10			
C942					Read ID all heads failed. Run Disk MDIs for Drive B.
C943	A-A1D2/ A-A2D2	80	2597702	adapter B card 21ED	Read ID Head 0 failed. Run Disk MDIs for Drive B.
	Drive B	20			
C944	A-A1D2/ A-A2D2	60	2597702	adapter B card 21ED	Read Data Head 0 failed. Run Disk MDIs for Drive B.
	Drive B	40			
C945	A-A1D2/ A-A2D2	80	2597702	adapter B card 21ED	Read Verify failed. Run Disk MDIs for Drive B.
	Drive B	20			
C946					Write Data all heads failed. Run Disk MDIs for Drive B.
C947	A-A1D2/ A-A2D2	60	2597702	adapter B card 21ED	Write Data Head 0 failed. Run Disk MDIs for Drive B.
	Drive B	40			
C948	A-A1D2/ A-A2D2	60	2597702	adapter B card 21ED	Read Diagnostic failed. Run Disk MDIs for Drive B.
	Drive B	40			
C949	A-A1D2/ A-A2D2	60	2597702	adapter B card 21ED	Correct ECC failed. Run Disk MDIs for Drive B.
	Drive B	40			
C94A					Servo Surface Analysis Heads 2 & 3 failed. Run Disk MDIs for Drive B.
CA10					Run MDIs against Drive A.
CA12					Run MDIs against Drive A.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
CA14					Run MDIs against Drive A.
CA16					Run MDIs against Drive A.
CA17					Run MDIs against Drive A.
CA18					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive A.
CA1A					Run MDIs against Drive A.
CA1C					Run MDIs against Drive A.
CA1D					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive A.
CA1E					Run MDIs against Drive A.
CA1F					Run MDIs against Drive A.
CA20					Run MDIs against Drive B.
CA22					Run MDIs against Drive B.
CA24					Run MDIs against Drive B.
CA26					Run MDIs against Drive B.
CA27					Run MDIs against Drive B.
CA28					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive B.
CA2A					Run MDIs against Drive B.
CA2C					Run MDIs against Drive B.
CA2D					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive B.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
CA2E					Run MDIs against Drive B.
CA2F					Run MDIs against Drive B.
CA30					Run MDIs against Drive C.
CA32					Run MDIs against Drive C.
CA34					Run MDIs against Drive C.
CA36					Run MDIs against Drive C.
CA37					Run MDIs against Drive C.
CA38					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive C.
CA3A					Run MDIs against Drive C.
CA3C					Run MDIs against Drive C.
CA3D					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive C.
CA3E					Run MDIs against Drive C.
CA3F					Run MDIs against Drive C.
CA40					Run MDIs against Drive D.
CA42					Run MDIs against Drive D.
CA44					Run MDIs against Drive D.
CA46					Run MDIs against Drive D.
CA47					Run MDIs against Drive D.
CA48					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive D.
CA4A					Run MDIs against Drive D.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CA4C					Run MDIs against Drive D.
CA4D					Disk configuration may be incorrect, check 10SR model numbers. Run MDIs against Drive D.
CA4E					Run MDIs against Drive D.
CA4F					Run MDIs against Drive D.
Cb20	A-A2L2	60	2597725	Tape adapter card	Check tape attach ID.
	A-A2K2	40	2462228	Data Stor Adapter 2 cd	
Cb21	A-A2L2	50	2597725	Tape adapter card	Check all latches after reset.
	A-A2K2	30	2462228	Data Stor Adapter 2 cd	
	A-A2U5	10	8636630	Cable	
	8809-C2	10	4733758	8809 logic card	
Cb22	A-A2L2	80	2597725	Tape adapter card	Check status register.
	A-A2K2	20	2462228	Data Stor Adapter 2 cd	
Cb23	A-A2L2	80	2597725	Tape adapter card	Check control out register.
	A-A2K2	20	2462228	Data Stor Adapter 2 cd	
Cb24	A-A2L2	80	2597725	Tape adapter card	Check tag bus out register.
	A-A2K2	20	2462228	Data Stor Adapter 2 cd	
Cb25	A-A2L2	80	2597725	Tape adapter card	Check cmd/cntl in register.
	A-A2K2	20	2462228	Data Stor Adapter 2 cd	
Cb26	A-A2L2	80	2597725	Tape adapter card	Check data out/in register.
	A-A2K2	20	2462228	Data Stor Adapter 2 cd	
Cb27	A-A2L2	99	2597725	Tape adapter card	Check data out/in register.
Cb28	A-A2L2	99	2597725	Tape adapter card	Degate tape parity check.
Cb29	A-A2L2	80	2597725	Tape adapter card	Check recycle latch.
	A-A2K2	20	2462228	Data Stor Adapter 2 cd	
Cb2A	A-A2L2	99	2597725	Tape adapter card	Seq read chk/xfer inactive
Cb2b	A-A2L2	99	2597725	Tape adapter card	Seq read chk/xfer active.
Cb2C	A-A2L2	99	2597725	Tape adapter card	Seq read err/xfer active.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
Cb2d	A-A2L2	99	2597725	Tape adapter card	Seq write chk/xfer inactive.
Cb2E	A-A2L2	99	2597725	Tape adapter card	Seq write chk/xfer active.
Cb2F	A-A2L2	99	2597725	Tape adapter card	Seq write err/xfer active.
Cb31	A-A2L2 A-A2K2 A-A2J2	80 10 5	2597725 2462228 4237136 2597763 2597727	Tape adapter card Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card	Seq alert intr check.
Cb32	A-A2L2	99	2597725	Tape adapter card	Check end intr check.
Cb33	A-A2L2	99	2597725	Tape adapter card	Normal end intr check.
Cb34	A-A2L2	99	2597725	Tape adapter card	Buffer xfer rdy check.
Cb35	A-A2L2	99	2597725	Tape adapter card	Data in parity intr check.
Cb36	A-A2L2	99	2597725	Tape adapter card	Data out parity intr check
Cb81	A-A2K2 A-A2J2  A-A2L2 A-A2E2	90 7  1 1	2462228 4237136 2597763 2597727 2597725 2462228	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card DS Pass-Thru card Tape adapter card Data stor adapter 1 cd	Test buffer reset command.
Cb82	A-A2K2 A-A2J2  A-A2L2 A-A2E2	90 7  1 1	2462228 4237136 2597763 2597725 2462228	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card Data stor adapter 1 cd	Test DLC address load.
Cb83	A-A2K2 A-A2J2  A-A2L2 A-A2E2	90 7  1 1	2462228 4237136 2597763 2597725 2462228	Data Stor Adapter 2 cd Data stor ctrl card Data stor ctrl card Tape adapter card Data stor adapter 1 cd	Buffer latch test.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
Cb84	A-A2K2	80	2462228	Data Stor Adapter 2 cd	Enable DLC interrupt.
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	5	2597725	Tape adapter card	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
Cb85	8809-C2	1	4733758	8809 logic card	Disable DLC interrupt.
	A-A2K2	80	2462228	Data Stor Adapter 2 cd	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	5	2597725	Tape adapter card	
Cb86	A-A2E2	1	2462228	Data stor adapter 1 cd	Enable/disable timer test.
	A-A2K2	90	2462228	Data Stor Adapter 2 cd	
	A-A2J2	7	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	1	2597725	Tape adapter card	
Cb87	A-A2E2	1	2462228	Data stor adapter 1 cd	Buffer #1 addressing test.
	A-A2K2	80	2462228	Data Stor Adapter 2 cd	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	5	2597725	Tape adapter card	
Cb88	A-A2E2	1	2462228	Data stor adapter 1 cd	Buffer #2 addressing test.
	A-A2K2	80	2462228	Data Stor Adapter 2 cd	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	5	2597725	Tape adapter card	
Cb89	A-A2E2	1	2462228	Data stor adapter 1 cd	Wrap buffer 1 to buffer 2.
	A-A2K2	75	2462228	Data Stor Adapter 2 cd	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	10	2597725	Tape adapter card	
Cb8A	A-A2E2	1	2462228	Data stor adapter 1 cd	Wrap buffer 1 to buffer 2.
	A-A2K2	75	2462228	Data Stor Adapter 2 cd	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	10	2597725	Tape adapter card	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
Cb8b	A-A2K2	75	2462228	Data Stor Adapter 2 cd	Buffer 1 scan test.
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	10	2597725	Tape adapter card	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
Cb8C	A-A2K2	75	2462228	Data Stor Adapter 2 cd	Buffer 2 scan test.
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	10	2597725	Tape adapter card	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
Cb8d	A-A2J2	80	4237136	Data stor ctrl card	Base cycle steal test.
			2597763	Data stor ctrl card	
	A-A2K2	15	2462228	Data Stor Adapter 2 cd	
	A-A2E2	2	2462228	Data stor adapter 1 cd	
	A-A2L2	1	2597725	Tape adapter card	
Cb8F	A-A2K2	75	2462228	Data Stor Adapter 2 cd	Extended wrap.
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
	A-A2L2	10	2597725	Tape adapter card	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
CC2A	A-A1J2	90	4177027	WS adapter card	The A1J2 card failed the interrupt structure test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
	A-A1H2	6	4177036	WSC Base card 16 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1N2	1	2597716	CSP Stage 2	
CC35	A-A1J2	60	4177027	WS adapter card	The A1J2 card failed the controller set up test. A1H2 card can cause this also. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
	A-A1H2	37	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>CC36</b>	<b>A-A1J2</b> <b>A-A1H2</b>	<b>60</b> <b>37</b>	<b>4177027</b> <b>4177036</b> <b>4177038</b> <b>4237136</b> <b>2597763</b>	<b>WS adapter card</b> <b>WSC Base card 16 KW</b> <b>WSC card 48 KW</b> <b>WSC card 64 KW</b> <b>WSC card 64 KW</b>	The A1J2 card failed the adapter wrap test. The A1H2 card can cause this also. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CC37</b>	<b>A-A1J2</b> <b>A-A1H2</b>	<b>95</b> <b>2</b>	<b>4177027</b> <b>4177036</b> <b>4177038</b> <b>4237136</b> <b>2597763</b>	<b>WS adapter card</b> <b>WSC Base card 16 KW</b> <b>WSC card 48 KW</b> <b>WSC card 64 KW</b> <b>WSC card 64 KW</b>	The A1J2 card failed the adapter reset test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CC38</b>	<b>A-A1J2</b> <b>A-A1H2</b>	<b>90</b> <b>7</b>	<b>4177027</b> <b>4177036</b> <b>4177038</b> <b>4237136</b> <b>2597763</b>	<b>WS adapter card</b> <b>WSC Base card 16 KW</b> <b>WSC card 48 KW</b> <b>WSC card 64 KW</b> <b>WSC card 64 KW</b>	The A1J2 card failed the set/reset latch test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CC39</b>	<b>A-A1J2</b> <b>A-A1H2</b>	<b>90</b> <b>7</b>	<b>4177027</b> <b>4177036</b> <b>4177038</b> <b>4237136</b> <b>2597763</b>	<b>WS adapter card</b> <b>WSC Base card 16 KW</b> <b>WSC card 48 KW</b> <b>WSC card 64 KW</b> <b>WSC card 64 KW</b>	The A1J2 card failed the diagnostic serdes test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CC3A</b>	<b>A-A1J2</b> <b>A-A1H2</b>  <b>A-A1L2</b>	<b>90</b> <b>6</b>  <b>1</b>	<b>4177027</b> <b>4177036</b> <b>4177038</b> <b>4237136</b> <b>2597763</b> <b>4234069</b>	<b>WS adapter card</b> <b>WSC Base card 16 KW</b> <b>WSC card 48 KW</b> <b>WSC card 64 KW</b> <b>WSC card 64 KW</b> <b>CSP Channel card</b>	The A1J2 card failed the interrupt structure test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CC3b</b>	<b>A-A1J2</b> <b>A-A1H2</b>	<b>50</b> <b>47</b>	<b>4177027</b> <b>4177036</b> <b>4177038</b> <b>4237136</b> <b>2597763</b>	<b>WS adapter card</b> <b>WSC Base card 16 KW</b> <b>WSC card 48 KW</b> <b>WSC card 64 KW</b> <b>WSC card 64 KW</b>	The A1J2 or A1H2 card failed the cycle steal (SICB) test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CC3C	A-A1J2 A-A1H2	90 7	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1J2 card failed the cycle steal byte counter test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC3d	A-A1J2 A-A1H2	90 7	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1J2 card failed the hardware interrupt test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC3E	A-A1J2 A-A1H2	90 2	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1J2 card failed the receive mode test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC3F	A-A1J2 A-A1V4 WS cbl Display A-A1H2	48 17 20 10 2	4177027 8636624  4177036 4177038 4237136 2597763	WS adapter card WS cable assembly  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Port 0 problem. The A1J2 failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CC40	A-A1J2 A-A1H2	90 7	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1J2 card failed the poll system console test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC41	A-A1J2 Display WS cbl A-A1H2  A-A1V4	60 25 8 2  2	4177027  4177036 4177038 4237136 2597763 8636624	WS adapter card  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly	The A1J2 card failed the adapter checks test. The work station display can cause this. Replace FRUs first. If FRUs fail to fix the problem, go to MAP 0101, Entry Point B. Twinax/IBM cabling system

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
CC42	A-A1J2 A-A1H2	80 12	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1J2 card failed the cycle steal register select test. The A1H2 card can cause this. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC43	A-A1J2 A-A1H2	85 12	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1J2 card failed the controller interrupt test. The A1H2 card can also cause this. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC44	A-A1J2 Display WS cbl A-A1H2  A-A1V4	50 35 8 2  2	4177027   4177036 4177038 4237136 2597763 8636624	WS adapter card   WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly	The A1J2 card failed the controller poll system console test. The work station display can also cause this. Replace FRUs first. If FRUs fail to fix the problem, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CC46	A-A1J2 A-A1H2	50 47	4177027 4177036 4177038 4237136 2597763	WS adapter card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The A1H2 card failed the controller set up test. A1J2 card can cause this also. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CC47	A-A1H2	97	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	The 1st work station controller storage size does not match the configuration.
CC48	A-A1H2	99	4177036 4177038 4237136 2597763	WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Install a 64K controller card in 1st controller.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CC49	A-A3S2	97	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Program error. The 2nd work station controller storage size does not match the configuration.
CC4F	A-A1J2 A-A1V4 WS cbl Display A-A1H2	48 17 20 10 2	4177027 8636624  4177036 4177038 4237136 2597763	WS adapter card WS cable assembly  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Port 1 problem. The A1J2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CC5F	A-A1J2 A-A1V4 WS cbl Display A-A1H2	48 17 20 10 2	4177027 8636624  4177036 4177038 4237136 2597763	WS adapter card WS cable assembly  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Port 2 problem. The A1J2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CC6F	A-A1J2 A-A1V4 WS cbl Display A-A1H2	48 17 20 10 2	4177027 8636624  4177036 4177038 4237136 2597763	WS adapter card WS cable assembly  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Port 3 problem. The A1J2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B Twinax/IBM cabling system
CC7F	A-A1J2 A-A1V4 WS cbl Display A-A1H2	48 17 20 10 2	4177027 8636624  4177036 4177038 4237136 2597763	WS adapter card WS cable assembly  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Port 4 problem. The A1J2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CC8F	A-A1J2 A-A1V4 WS cbl Display A-A1H2	48 17 20 10 2	4177027 8636624  4177036 4177038 4237136 2597763	WS adapter card WS cable assembly  WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW	Port 5 problem. The A1J2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CC91	A-A1J2 Display WS cbl A-A1H2  A-A1V4	60 25 8 2  2	4177027   4177036 4177038 4237136 2597763 8636624	WS adapter card   WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly	The A1J2 card failed the adapter checks test. The work station display can cause this. Replace the FRUs first. If FRUs fail to fix the problem, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CC94	A-A1J2 Display WS cbl A-A1H2  A-A1V4	50 35 8 2  1	4177027   4177036 4177038 4237136 2597763 8636624	WS adapter card   WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW WS cable assembly	The A1J2 card failed the controller poll system test. The work station display can also cause this. Replace the FRUs first. If FRUs fail to fix the problem, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CCAA	A-A3T2 A-A3S2  A-A1N2	90 6  1	4177027 4237136 2597763  2597716	WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW  CSP Stage 2	The A3T2 card failed the interrupt structure test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CCA5	A-A3T2 A-A3S2	60 37	4177027 4237136 2597763	WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW	The A3T2 card failed the controller set up test. A3S2 card can cause this also. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>CCA6</b>	<b>A-A3T2 A-A3S2</b>	<b>60 37</b>	<b>4177027 4237136 2597763</b>	<b>WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW</b>	The A3T2 card failed the adapter wrap test. The A3S2 card can cause this also. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCA7</b>	<b>A-A3T2 A-A3S2</b>	<b>95 2</b>	<b>4177027 4237136 2597763</b>	<b>WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW</b>	The A3T2 card failed the adapter reset test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCA8</b>	<b>A-A3T2 A-A3S2</b>	<b>90 7</b>	<b>4177027 4237136 2597763</b>	<b>WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW</b>	The A3T2 card failed the set/reset latch test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCA9</b>	<b>A-A3T2 A-A3S2</b>	<b>90 7</b>	<b>4177027 4237136 2597763</b>	<b>WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW</b>	The A3T2 card failed the diagnostic serdes test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCAb</b>	<b>A-A3T2 A-A3S2</b>	<b>50 47</b>	<b>4177027 4237136 2597763</b>	<b>WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW</b>	The A3T2 or A3S2 card failed the cycle steal (SICB) test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCAC</b>	<b>A-A3T2 A-A3S2</b>	<b>90 7</b>	<b>4177027 4237136 2597763</b>	<b>WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW</b>	The A3T2 card failed the cycle steal byte counter test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>CCAd</b>	<b>A-A3T2</b> <b>A-A3S2</b>	<b>90</b> <b>7</b>	<b>4177027</b> <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b> <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	The A3T2 card failed the hardware interrupt test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCAE</b>	<b>A-A3T2</b> <b>A-A3S2</b>	<b>90</b> <b>2</b>	<b>4177027</b> <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b> <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	The A3T2 card failed the receive mode test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
<b>CCAF</b>	<b>A-A3T2</b> <b>WS cbl</b> <b>A-A3V4</b> <b>Display</b> <b>A-A3S2</b>	<b>48</b> <b>20</b> <b>17</b> <b>10</b> <b>2</b>	<b>4177027</b>  <b>2597431</b>  <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b>  <b>WS cable asm</b>  <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	Port 6 problem. The A3T2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
<b>CCb0</b>	<b>A-A3T2</b> <b>A-A3S2</b>	<b>90</b> <b>7</b>	<b>4177027</b> <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b> <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	The A3T2 card failed the poll system console test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Note: There must be a display station on port 6 address 0 (and powered on) or the 2nd controller MDIs will fail here.
<b>CCb1</b>	<b>A-A3T2</b> <b>Display</b> <b>WS cbl</b> <b>A-A3S2</b>  <b>A-A3V4</b>	<b>60</b> <b>25</b> <b>8</b> <b>2</b>  <b>2</b>	<b>4177027</b>   <b>4237136</b> <b>2597763</b>  <b>2597431</b>	<b>WS Adapter card</b>   <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b> <b>WS cable asm</b>	The A3T2 card failed the adapter checks test. The work station display can cause this. Replace FRUs first. If FRUs fail to fix the problem, go to MAP 0101, Entry Point B. Twinax/IBM cabling system

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
CCb2	A-A3T2 A-A3S2	80 12	4177027 4237136 2597763	WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW	The A3T2 card failed the cycle steal register select test. The A3S2 card can cause this. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CCb3	A-A3T2 A-A3S2	85 12	4177027 4237136 2597763	WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW	The A3T2 card failed the controller interrupt test. The A3S2 card can also cause this. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CCb4	A-A3T2 Display WS cbl A-A3S2 A-A3V4	50 35 8 2 2	4177027  4237136 2597763 2597431	WS Adapter card  Ctrlr cd 64KW Ctrlr cd 64KW WS cable asm	The A3T2 card failed the controller poll system console test. The work station display can also cause this. Replace FRUs first. If FRUs fail to fix the problem, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
CCb6	A-A3T2 A-A3S2	50 47	4177027 4237136 2597763	WS Adapter card Ctrlr cd 64KW Ctrlr cd 64KW	The A3S2 card failed the controller set up test. A3T2 card can cause this also. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B.
CCb7	A-A3S2	99	4177036 4177037 4237136 2597763	Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	Install a 64K controller card in 2nd controller.
CCb8					Program error.
CCb9	A-A3S2	99	4237136 2597763	Ctrlr cd 64KW Ctrlr cd 64KW	Install A 64K controller card in 2nd controller

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>CCbF</b>	<b>A-A3T2</b> <b>WS cbl</b> <b>A-A3V4</b> <b>Display</b> <b>A-A3S2</b>	<b>48</b> <b>20</b> <b>17</b> <b>10</b> <b>2</b>	<b>4177027</b>  <b>2597431</b>  <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b>  <b>WS cable asm</b>  <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	<b>Port 7 problem.</b> The A3T2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
<b>CCCF</b>	<b>A-A3T2</b> <b>WS cbl</b> <b>A-A3V4</b> <b>Display</b> <b>A-A3S2</b>	<b>48</b> <b>20</b> <b>17</b> <b>10</b> <b>2</b>	<b>4177027</b>  <b>2597431</b>  <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b>  <b>WS cable asm</b>  <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	<b>Port 8 problem.</b> The A3T2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
<b>CCdF</b>	<b>A-A3T2</b> <b>WS cbl</b> <b>A-A3V4</b> <b>Display</b> <b>A-A3S2</b>	<b>48</b> <b>20</b> <b>17</b> <b>10</b> <b>2</b>	<b>4177027</b>  <b>2597431</b>  <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b>  <b>WS cable asm</b>  <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	<b>Port 9 problem.</b> The A3T2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
<b>CCEF</b>	<b>A-A3T2</b> <b>WS cbl</b> <b>A-A3V4</b> <b>Display</b> <b>A-A3S2</b>	<b>48</b> <b>20</b> <b>17</b> <b>10</b> <b>2</b>	<b>4177027</b>  <b>2597431</b>  <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b>  <b>WS cable asm</b>  <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	<b>Port 10 problem.</b> The A3T2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system
<b>CCFF</b>	<b>A-A3T2</b> <b>WS cbl</b> <b>A-A3V4</b> <b>Display</b> <b>A-A3S2</b>	<b>48</b> <b>20</b> <b>17</b> <b>10</b> <b>2</b>	<b>4177027</b>  <b>2597431</b>  <b>4237136</b> <b>2597763</b>	<b>WS Adapter card</b>  <b>WS cable asm</b>  <b>Ctrlr cd 64KW</b> <b>Ctrlr cd 64KW</b>	<b>Port 11 problem.</b> The A3T2 card failed the driver and receiver test. Replace FRUs first. If FRUs fail to fix, go to MAP 0101, Entry Point B. Twinax/IBM cabling system



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
Cd01	A-A1E2/	55	2462228	Data stor adapter 1 cd	TU TD201 failed during wrap.
	A-A2E2	40	4247739 4247740	Diskette adapter card	
	A-A1F2/			Diskette adapter card	
	A-A2F2	5	2462692 8562949	Diskette VFO card 72M	
	A-A1G4/			Diskette VFO card 51TD	
A-A2G4					
Cd02	A-A1F2/	60	4247739 4247740	Diskette adapter card Diskette adapter card	TU TD202 failed during wrap.
	A-A2F2	40	2462228	Data stor adapter 1 cd	
	A-A1E2/ A-A2E2				
Cd03	A-A1F2/	95	4247739 4247740	Diskette adapter card Diskette adapter card	TU TD203 failed during wrap.
	A-A2F2	5			
	Other				
Cd04	A-A1F2/	80	4247739 4247740	Diskette adapter card Diskette adapter card	TU TD204 failed during wrap. DCC = drive control card.
	A-A2F2	15	Drive Co	trol card	
	DCC				
	A-A1G4/	5	2462692 8562949	Diskette VFO card 72M Diskette VFO card 51TD	
	A-A2G4				
Cd10	A-A1F2/	50	4247739 4247740	Diskette adapter card Diskette adapter card	TU TD210 failed during wrap. DCC = drive control card.
	A-A2F2	15	Drive Co	trol card	
	DCC				

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
Cd81	A-A1E2/	90	2462228	Data stor adapter 1 cd	<p>C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.</p> <p>The UDT may be wrong. Reconfigure the system, then ReIPL.</p> <p>If SRC was obtained from Mode 0 CS IPL then go to MAP 0179, A.</p> <p>If SRC was obtained from Mode E CS IPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).</p> <p>Replace FRU(s) listed only if MAPs do not isolate failure.</p>
	A-A2E2	4	4237136	Data stor ctrl card	
	A-A2J2	4	2597763	Data stor ctrl card	
	A-A2K2	4	2597727	DS Pass-Thru card	
		4	2462228	Data Stor Adapter 2 cd	
Cd82	A-A1E2/	98	2462228	Data stor adapter 1 cd	<p>C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.</p> <p>If SRC was obtained from Mode 0 CS IPL then go to MAP 0179, A.</p> <p>If SRC was obtained from Mode E CS IPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).</p> <p>Replace FRU(s) listed only if MAPs do not isolate failure.</p>
	A-A2E2	4	4237136	Data stor ctrl card	
	A-A2J2	4	2597763	Data stor ctrl card	
	A-A2K2	4	2597727	DS Pass-Thru card	
		4	2462228	Data Stor Adapter 2 cd	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
Cd83	A-A1E2/ A-A2E2	90	2462228	Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A. If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR). Replace FRU(s) listed only if MAPs do not isolate failure.
	A-A2J2	4	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card	
	A-A2K2	4	2462228	Data Stor Adapter 2 cd	
Cd84	A-A1E2/ A-A2E2	70	2462228	Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.  If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).  Replace FRU(s) listed only if MAPs do not isolate failure.
	A-A1F2/ A-A2F2	5	4247739 4247740	Diskette adapter card Diskette adapter card	
	A-A1C2/ A-A2C2	5	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	
	A-A1D2/ A-A2D2	5	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR	
	A-A2J2	1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card	
	A-A2C4	1	2437374	adapter C card 10SR	
	A-A2D4	1	2437374	adapter D card 10SR	
	A-A2K2	1	2462228	Data Stor Adapter 2 cd	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
Cd85	A-A1E2/ A-A2E2	70	2462228	Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.  If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).  Replace FRU(s) listed only if MAPs do not isolate failure.		
	A-A1F2/	5	4247739 4247740	Diskette adapter card Diskette adapter card			
	A-A2F2 A-A1C2/ A-A2C2	5	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
	A-A1D2/ A-A2D2	5	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
	A-A2J2	1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
	A-A2C4	1	2437374	adapter C card 10SR			
	A-A2D4	1	2437374	adapter D card 10SR			
	A-A2K2	1	2462228	Data Stor Adapter 2 cd			
	Cd86	A-A1E2/ A-A2E2	90	2462228		Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A. If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR). Replace FRU(s) listed only if MAPs do not isolate failure.
		A-A2J2	4	4237136 2597763 2597727		Data stor ctrl card Data stor ctrl card DS Pass-Thru card	
A-A2K2		4	2462228	Data Stor Adapter 2 cd			
A-A1L2		1	4234069	CSP Channel card			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
Cd87	A-A1E2/ A-A2E2	70	2462228	Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.  If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).  Replace FRU(s) listed only if MAPs do not isolate failure.		
	A-A1F2/	5	4247739 4247740	Diskette adapter card Diskette adapter card			
	A-A2F2 A-A1C2/ A-A2C2	5	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
	A-A1D2/ A-A2D2	5	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
	A-A2J2	1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
	A-A2C4	1	2437374	adapter C card 10SR			
	A-A2D4	1	2437374	adapter D card 10SR			
	A-A2K2	1	2462228	Data Stor Adapter 2 cd			
	Cd88	A-A1E2/ A-A2E2	70	2462228		Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.  If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).  Replace FRU(s) listed only if MAPs do not isolate failure.
		A-A1F2/	5	4247739 4247740		Diskette adapter card Diskette adapter card	
A-A2F2 A-A1C2/ A-A2C2		5	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
A-A1D2/ A-A2D2		5	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
A-A2J2		1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
A-A2C4		1	2437374	adapter C card 10SR			
A-A2D4		1	2437374	adapter D card 10SR			
A-A2K2		1	2462228	Data Stor Adapter 2 cd			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
Cd89	A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.  If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).  Replace FRU(s) listed only if MAPs do not isolate failure.		
	A-A1F2/ A-A2F2	10	4247739 4247740	Diskette adapter card Diskette adapter card			
	A-A1C2/ A-A2C2	10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
	A-A1D2/ A-A2D2	10	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
	A-A2J2	1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
	A-A2C4	1	2437374	adapter C card 10SR			
	A-A2D4	1	2437374	adapter D card 10SR			
	A-A2K2	1	2462228	Data Stor Adapter 2 cd			
	Cd8A	A-A1E2/ A-A2E2	50	2462228		Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.  If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.  If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).  Replace FRU(s) listed only if MAPs do not isolate failure.
		A-A1F2/ A-A2F2	10	4247739 4247740		Diskette adapter card Diskette adapter card	
A-A1C2/ A-A2C2		10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
A-A1D2/ A-A2D2		10	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
A-A2J2		1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
A-A2C4		1	2437374	adapter C card 10SR			
A-A2D4		1	2437374	adapter D card 10SR			
A-A2K2		1	2462228	Data Stor Adapter 2 cd			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
Cd8b	A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	<p>C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.</p> <p>If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.</p> <p>If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).</p> <p>Replace FRU(s) listed only if MAPs do not isolate failure.</p>		
	A-A1F2/ A-A2F2	10	4247739 4247740	Diskette adapter card Diskette adapter card			
	A-A1C2/ A-A2C2	10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
	A-A1D2/ A-A2D2	10	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
	A-A2J2	1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
	A-A2C4	1	2437374	adapter C card 10SR			
	A-A2D4	1	2437374	adapter D card 10SR			
	A-A2K2	1	2462228	Data Stor Adapter 2 cd			
	Cd8C	A-A1E2/ A-A2E2	50	2462228		Data stor adapter 1 cd	<p>C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.</p> <p>If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.</p> <p>If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).</p> <p>Replace FRU(s) listed only if MAPs do not isolate failure.</p>
		A-A1F2/ A-A2F2	10	4247739 4247740		Diskette adapter card Diskette adapter card	
A-A1C2/ A-A2C2		10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
A-A1D2/ A-A2D2		10	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
A-A2J2		1	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card			
A-A2C4		1	2437374	adapter C card 10SR			
A-A2D4		1	2437374	adapter D card 10SR			
A-A2K2		1	2462228	Data Stor Adapter 2 cd			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
Cd8d	A-A2J2	80	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code. If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A. If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR). Replace FRU(s) listed only if MAPs do not isolate failure.
	A-A2E2	15	2462228	Data stor adapter 1 cd	
	A-A2K2	2	2462228	Data Stor Adapter 2 cd	
Cd8E	A-A1E2/	90	2462228	Data stor adapter 1 cd	C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code. If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A. If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR). Replace FRU(s) listed only if MAPs do not isolate failure.
	A-A2E2			4	
	A-A2J2	Data stor ctrl card			
	A-A2K2	4	2462228		
	A-A1N2	1	2597716	CSP Stage 2	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS		
Cd8F	A-A1E2/ A-A2E2	50	2462228	Data stor adapter 1 cd	<p>C9xx(21ED), CAxx(10SR), and Cd0x - Cd1x (Diskette) system reference codes, if present, should be used before using this code.</p> <p>If SRC was obtained from Mode 0 CSIPL then go to MAP 0179, A.</p> <p>If SRC was obtained from Mode E CSIPL then go to MAP 9500,A (21ED) or MAP 9700,A (10SR).</p> <p>Replace FRU(s) listed only if MAPs do not isolate failure.</p>		
	A-A1F2/ A-A2F2	10	4247739 4247740	Diskette adapter card Diskette adapter card			
	A-A1C2/ A-A2C2	10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR			
	A-A1D2/ A-A2D2	10	2597702 2597702 2437374	adapter B card 21ED adapter B card 21ED adapter B card 10SR			
	A-A2J2	1	4237136 2597763	Data stor ctrl card Data stor ctrl card			
	A-A2C4	1	2597727 2437374	DS Pass-Thru card adapter C card 10SR			
	A-A2D4	1	2437374	adapter D card 10SR			
	A-A2K2	1	2462228	Data Stor Adapter 2 cd			
	CE01	3262	70				<p>Hardware problem with 3262 printer is indicated. You may either run the 3262 printer exerciser "ripple print" or the 3262 printer MDI diagnostics to further define the problem.</p> <p>One of these TUs failed during IPL wrap: TE262, TE265, TE296.</p> <p>Note: Ensure the printer Unit Emergency switch is in the Power Enable position.</p>
		A-A2S2 I/O cbl	20 5	4177002		Print adapter cd 3262	
A-A2R2		4	4238420	Printer ctrl card 3262			
TCC/ A-A2		1					

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CE02	3262	70			Hardware problem with 3262 printer is indicated. You may either run the 3262 printer exerciser "ripple print" or the 3262 printer MDI diagnostics to further define the problem. One of these TUs failed during IPL wrap: TE263, TE266.
	A-A2T2	18	4177009	Print State Seq card	
	A-A2S2	18	4177002	Print adapter cd 3262	
	A-A2R2	3	4238420	Printer ctrl card 3262	
	TCC/ A-A2	1			
CE03	A-A2R2	88	4238420	Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE230, TE231, TE232.
	A-A2S2	10	4177002	Print adapter cd 3262	
	A-A2T2	1	4177009	Print State Seq card	
	TCC/ A-A2	1			
CE04	A-A2R2	95	4238420	Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE220, TE221, TE222, TE223, TE224, TE225, TE226, TE227, TE228, TE229, TE22A, TE22B, TE238, TE239, TE23A, TE23B, TE23C, TE23D, TE23E, TE23F, TE240, TE241, TE242, TE243, TE244, TE245, TE246, TE247, TE248, TE249, TE24A, TE24B, TE24C, TE24D, TE24E, TE24F
	A-A2S2	2	4177002	Print adapter cd 3262	
	A-A2T2	2	4177009	Print State Seq card	
	TCC/ A-A2	1			
CE05	A-A2S2	70	4177002	Print adapter cd 3262	One of these TUs failed during IPL wrap: TE206, TE208, TE20A.
	A-A2R2	24	4238420	Printer ctrl card 3262	
	A-A2T2	4	4177009	Print State Seq card	
	A-A1L2	1	4234069	CSP Channel card	
	TCC/ A-A2	1			

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CE06	A-A2S2 A-A2T2 A-A2R2 TCC/ A-A2	90 8 1 1	4177002 4177009 4238420	Print adapter cd 3262 Print State Seq card Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE201, TE205, TE209.
CE07	A-A2S2 A-A2T2 TCC/ A-A2	94 5 1	4177002 4177009	Print adapter cd 3262 Print State Seq card	One of these TUs failed during IPL wrap: TE203, TE203.
CE08	A-A2R2 A-A2T2 A-A2S2 TCC/ A-A2	59 20 20 1	4238420 4177009 4177002	Printer ctrl card 3262 Print State Seq card Print adapter cd 3262	One of these TUs failed during IPL wrap: TE21E, TE22E.
CE09	A-A2S2 A-A2R2 TCC/ A-A2	80 19 1	4177002 4238420	Print adapter cd 3262 Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE207, TE267, TE236, TE237, TE273, TE275, TE27A.
CE10	A-A2S2 A-A2T2  3262  I/O cbl A-A2R2 TCC/ A-A2	78 10  8  2 1 1	4177002 4177009   4238420	Print adapter cd 3262 Print State Seq card  Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE267, TE26A, TE26B, TE26C, TE276, TE277, TE279, TE27B, TE27C. Hardware problem with 3262 printer is indicated. You may either run the 3262 printer exerciser "ripple print" or the 3262 printer mDI diagnostics to further define the problem.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CE11	A-A2S2	80	4177002	Print adapter cd 3262	One of these TUs failed during IPL wrap: TE264, TE26F, TE278. Hardware problem with 3262 printer is indicated. You may either run the 3262 printer exerciser "ripple print" or the 3262 printer MDI diagnostics to further define the problem.
	3262	15			
	I/O cbl A-A2R2 TCC/ A-A2	3 1 1	4238420	Printer ctrl card 3262	
CE12	A-A2S2	70	4177002	Print adapter cd 3262	TU TE210 failed during IPL wrap.
	A-A2T2	20	4177009	Print State Seq card	
	A-A2R2	9	4238420	Printer ctrl card 3262	
	TCC/ A-A2	1			
CE13	A-A2S2	80	4177002	Print adapter cd 3262	TU TE272 failed during IPL wrap. Hardware problem with 3262 printer is indicated. You may either run the 3262 printer exerciser "ripple print" or the 3262 printer MDI diagnostics to further define the problem.
	A-A2R2	12	4238420	Printer ctrl card 3262	
	3262	5			
CE14	I/O cbl TCC/ A-A2	2 1			One of these TUs failed during IPL wrap: TE261, TE26B, TE270. Hardware problem with 3262 printer is indicated. You may either run the 3262 printer exerciser "ripple print" or the 3262 printer MDI diagnostics to further define the problem.
	A-A2S2	70	4177002	Print adapter cd 3262	
	A-A2T2	15	4177009	Print State Seq card	
	3262	10			
	I/O cbl A-A2R2 TCC/ A-A2	3 1 1	4238420	Printer ctrl card 3262	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
<b>CE15</b>	<b>A-A2T2 A-A2R2 TCC/ A-A2</b>	<b>93 3 1</b>	<b>4177009 4238420</b>	<b>Print State Seq card Printer ctrl card 3262</b>	One of these TUs failed during IPL wrap: TE286, TE287, TE288, TE289, TE28A, TE28B, TE2A1, TE2A2, TE2A3, TE2A4, TE2A6, TE2A7, TE2A8, TE2A9, TE2AA.
<b>CE16</b>	<b>A-A2T2 A-A2S2 A-A2R2 TCC/ A-A2</b>	<b>80 10 9 1</b>	<b>4177009 4177002 4238420</b>	<b>Print State Seq card Print adapter cd 3262 Printer ctrl card 3262</b>	One of these TUs failed during IPL wrap: TE21F, TE28D.
<b>CE17</b>	<b>A-A2T2 A-A2S2 A-A2R2 TCC/ A-A2</b>	<b>80 15 4 1</b>	<b>4177009 4177002 4238420</b>	<b>Print State Seq card Print adapter cd 3262 Printer ctrl card 3262</b>	One of these TUs failed during IPL wrap: TE280, TE281, TE282, TE284, TE285, TE28D, TE28F, TE2A0.
<b>CE18</b>	<b>A-A2S2 I/O cbl A-A2R2 TCC/ A-A2</b>	<b>77 20 2 1</b>	<b>4177002 4238420</b>	<b>Print adapter cd 3262 Printer ctrl card 3262</b>	One of these TUs failed during IPL wrap: TE2D0, TE2D1, TE2D2, TE2D4, TE2D6, TE2D7, TE2ED, TE2EE.
<b>CE19</b>	<b>A-A2T2 A-A2S2 I/O cbl A-A2R2 TCC/ A-A2</b>	<b>42 35 20 2 1</b>	<b>4177009 4177002 4238420</b>	<b>Print State Seq card Print adapter cd 3262 Printer ctrl card 3262</b>	One of these TUs failed during IPL wrap: TE2D5, TE2E4, TE2E5, TE2E6, TE2E7, TE2E8, TE2EA, TE2EC.
<b>CE20</b>	<b>A-A2S2 I/O cbl A-A2T2 A-A2R2 TCC/ A-A2</b>	<b>70 20 7 2 1</b>	<b>4177002 4177009 4238420</b>	<b>Print adapter cd 3262 Print State Seq card Printer ctrl card 3262</b>	One of these TUs failed during IPL wrap: TE2D3, TE2EB.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CE21	I/O cbl A-A2S2 A-A2R2 TCC/ A-A2	90 7 2 1	4177002 4238420	Print adapter cd 3262 Printer ctrl card 3262	TU TE2E9 failed during IPL wrap. Cable interlock is open
CE22	A-A2S2 I/O cbl A-A2R2 TCC/ A-A2	77 20 2 1	4177002 4238420	Print adapter cd 3262 Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE2D8, TE2D9, TE2DA, TE2DB, TE2DC, TE2DD
CE23	A-A2S2 I/O cbl A-A2R2 TCC/ A-A2	77 20 2 1	4177002 4238420	Print adapter cd 3262 Printer ctrl card 3262	One of these TUs failed during IPL wrap: TE2DE, TE2DF, TE2E0, TE2E1, TE2E2, TE2E3
CE24	A-A2S2 A-A2R2 A-A2T2 A-A1N2 TCC/ A-A2	70 24 4 1 1	4177002 4238420 4177009 2597716	Print adapter cd 3262 Printer ctrl card 3262 Print State Seq card CSP Stage 2	One of these TUs failed during IPL wrap: TE206, TE208, TE20A. Unexpected IPL wrap error or CSU wrap error.
CF01					Initialization wrap error.
CF40					CF40 - 1255 MCR
CF61	A-A2K2/ A-A2J2  A-A1H2   A-A3S2/   A-A3P2	10   10   10	4237136 2597763 4177036 4177038 4237136 2597763 4177036 4177037 4237136 2597763 4177000	Data stor ctrl card Data stor ctrl card WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Comm card Line 3	CF61 - tape controller CF61 - wrkstn controller CF61 - MLCA controller

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CF65	A-A1E2/ A-A2E2		2462228	Data stor adapter 1 cd	CF65 - disk/diskette DSA-1 21ED 10SR Diskette Tape DSA-2
	A-A2K2		2462228	Data Stor Adapter 2 cd	
CF81					CF81 - communications (3003,A)
CF82					CF82 - communications (3003,A)
CFA2					CFA2 - 21ED disk (9500,A)
CFA3					CFA3 - 10SR disk (9700,A)
CFb1	A-A2K2	10	2462228	Data Stor Adapter 2 cd	CFb1 - tape (9900,A)
	A-A2J2	10	4237136 2597763	Data stor ctrl card Data stor ctrl card	
CFC2					CFC2 - work station (7001,A)
CFd2	A-A2J2	10	4237136 2597763 2597727	Data stor ctrl card Data stor ctrl card DS Pass-Thru card	CFD2 - diskette (0179,A)
CFE2					CFE2 - printer (5001,A) Unexpected wrap error. The last 2 characters of the SRC is the failing device ID.
d074	MS	70	4233694 2597704 2597584	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB	CSIPL 3rd load. Main storage cards are 512Kb, 256Kb and 128Kb. MS = main storage Autoconfigure Failed. Go to MAP 1179 Entry point A.
	A-A1Q2 A-A1P2	25 3	2597706 4233686	MSP Data Flow card MSP Control card	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
d079	MS  A-A1Q2 A-A1P2	73  20 1	4233694 2597704 2597584 2597706 4233686	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 512Kb, 256Kb and 128Kb. MS = main storage Go to MAP 1179 to isolate the failing card
d083	MS  A-A1Q2	74  24	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 128Kb, 256Kb and 512Kb. MS = main storage Go to MAP 1183 to isolate the failing card.
d084	MS  A-A1Q2 A-A1	74  24 1	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb, 256Kb and 128Kb. MS = main storage Go to MAP 1184 to isolate the failing card.
d085	MS  A-A1Q2	74  25	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem, MS card MS card sizes are: 128Kb, 256Kb and 512Kb. MS = main storage Go to MAP 1185 to isolate the failing card.
d087	MS  A-A1Q2	74  24	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb, 256Kb and 128Kb. MS = main storage Go to MAP 1187 to isolate the failing card.
d144	A-A1Q2 A-A1U2 A-A1P2	60 30 7	2597706 2597584 4233686	MSP Data Flow card MSP stor card 512 KB MSP Control card	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1144 to isolate the failing card.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
d146	A-A1P2 A-A1Q2 A-A1U2	60 30 7	4233686 2597706 2597584	MSP Control card MSP Data Flow card MSP stor card 512 KB	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1146 to isolate the failing card.
d175	A-A1U2 A-A1Q2	60 21	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb storage cards. MS = main storage Go to MAP 1175 to isolate the failing card.
d179	MS A-A1Q2 A-A1P2	73 20 5	2597584 2597706 4233686	MSP stor card 512 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 512Kb storage cards. MS = main storage Go to MAP 1179 to isolate the failing card.
d183	MS A-A1Q2	74 24	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb storage cards. MS = main storage Go to MAP 1183 to isolate the failing card.
d184	MS  A-A1Q2	74  24	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem , MS card sizes are 128Kb , 256Kb and 512Kb. MS = main storage Go to MAP 1184 to isolate the failing card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
d185	MS  A-A1Q2	74  24	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem , MS card sizes are 128Kb , 256Kb and 512Kb. MS = main storage Go to MAP 1185 to isolate the failing card.
d186	MS  A-A1Q2	74  24	4233694 2597704 2597584 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb storage cards. MS = main storage Go to MAP 1186 to isolate the failing card.
d187	MS A-A1Q2	74 24	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb storage cards. MS = main storage Go to MAP 1187 to isolate the failing card.
d188	A-A1U2 A-A1Q2 A-A1	74 24 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1188 to isolate the failing card.
d189	A-A1Q2 A-A1U2	55 43	2597706 2597584	MSP Data Flow card MSP stor card 512 KB	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1189 to isolate the failing card.
d193	A-A1U2 A-A1Q2	75 24	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1193 to isolate the failing card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
d197	A-A1U2 A-A1Q2	74 25	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1197 to isolate the failing card.
d198	A-A1U2 A-A1Q2	59 40	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1198 to isolate the failing card.
d199	A-A1U2 A-A1Q2	59 40	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. A-A1U2 is a 512Kb storage card. Go to MAP 1199 to isolate the failing card.
d201	A-A1U2	99	2597584	MSP stor card 512 KB	CSIPL 3rd load. A-A1T2 is a 512Kb storage card.
d202	A-A1T2	99	2597584	MSP stor card 512 KB	CSIPL 3rd load. A-A1T2 is a 512Kb storage card.
d204	A-A1S2	99	2597584	MSP stor card 512 KB	CSIPL 3rd load. A-A1S2 is a 512Kb storage card.
d208	A-A1R2	99	2597584	MSP stor card 512 KB	CSIPL 3rd load. A-A1R2 is a 512Kb storage card.
d211	A-A1U2 A-A1Q2	55 45	2597584 2597706	MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. A-A1U2 is a 512Kb storage card.
d346	A-A1P2 A-A1Q2 A-A1U2 A-A1N2 A-A1	50 30 10 7 1	4233686 2597706 2597704 2597716	MSP Control card MSP Data Flow card MSP stor card 256 KB CSP Stage 2	CSIPL 3rd load. A1U2 is a 256Kb storage card. A1N2 is the CSP.SS card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
d444	A-A1Q2 A-A1U2 A-A1P2 A-A1	60 30 7 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1144 to isolate the failing card.
d446	A-A1P2 A-A1Q2 A-A1U2 A-A1N2 A-A1	50 30 10 7 1	4233686 2597706 2597704 2597716	MSP Control card MSP Data Flow card MSP stor card 256 KB CSP Stage 2	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1146 to isolate the failing card.
d475	A-A1U2 A-A1Q2 A-A1	60 39 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1175 to isolate the failing card.
d476	A-A1U2 A-A1Q2 A-A1	60 38 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1176 to isolate the failing card.
d477	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 256Kb cards. MS = main storage Go to MAP 1177 to isolate the failing card.
d479	MS A-A1Q2 A-A1P2	73 20 5	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 256Kb cards. MS = main storage Go to MAP 1179 to isolate the failing card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
d480	A-A1U2 A-A1Q2 A-A1P2 A-A1	73 20 5 1	2597704 2597706 4233686	MSP stor card 256 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1180 to isolate the failing card.
1183	MS A-A1Q2 A-A1	74 24 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. MS = main storage. Go to MAP 1183 to isolate the failing card.
d484	MS A-A1Q2 A-A1	74 24 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. MS is a 256Kb storage card. MS = main storage. Go to MAP 1184 to isolate the failing card.
d485	MS A-A1Q2	74 25	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. MS = main storage. Go to MAP 1185 to isolate the failing card.
d486	A-A1U2 A-A1Q2 A-A1	74 24 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1186 to isolate the failing card.
d487	MS A-A1Q2	74 25	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. All main storage cards are 256Kb. MS = main storage. Go to MAP 1187 to isolate the failing card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
d488	A-A1U2 A-A1Q2 A-A1	74 24 1	25977C4 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1188 to isolate the failing card.
d489	A-A1Q2 A-A1U2 A-A1	55 43 1	2597706 2597704	MSP Data Flow card MSP stor card 256 KB	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1189 to isolate the failing card.
d492	A-A1Q2 A-A1U2 A-A1P2 A-A1	60 20 19 1	2597706 2597704 4233686	MSP Data Flow card MSP stor card 256 KB MSP Control card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1192 to isolate the failing card.
d493	A-A1U2 A-A1Q2	75 24	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1193 to isolate the failing card.
d494	MS A-A1Q2 A-A1	74 24 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. All main storage cards are 256Kb. MS = main storage. Go to MAP 1194 to isolate the failing card.
d497	A-A1U2 A-A1Q2 A-A1	74 25 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1197 to isolate the failing card.
d498	A-A1U2 A-A1Q2 A-A1	60 38 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1198 to isolate the failing card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
d499	A-A1U2 A-A1Q2 A-A1	59 40 1	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card. Go to MAP 1199 to isolate the failing card.
d501	A-A1U2	99	2597704	MSP stor card 256 KB	CSIPL 3rd load. A1U2 is a 256Kb storage card.
d502	A-A1T2	99	2597704	MSP stor card 256 KB	CSIPL 3rd load. A1T2 is a 256Kb storage card.
d504	A-A1S2	99	2597704	MSP stor card 256 KB	CSIPL 3rd load. A1S2 is a 256Kb storage card.
d508	A-A1R2	99	2597704	MSP stor card 256 KB	CSIPL 3rd load. A1R2 is a 256Kb storage card.
d511	A-A1U2 A-A1Q2	55 45	2597704 2597706	MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. A1U2 is a 256Kb storage card.
d678	MS  A-A1Q2 A-A1P2 A-A1	73  20 5 1	4234098 2597704 2597706 4233686	MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 256Kb and 128Kb cards. MS = main storage Go to MAP 1178 to isolate the failing card.
d679	MS  A-A1Q2 A-A1P2	73  20 5	4233694 2597704 2597706 4233686	MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 256Kb and 128Kb cards. MS = main storage Go to MAP 1178 to isolate the failing card.
d683	MS  A-A1Q2	74  24	4233694 2597704 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 256Kb and 128Kb cards. MS = main storage Go to MAP 1183 to isolate the failing card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DF</b>	<b>PTION</b>	<b>SERVICE COMMENTS</b>
d684	MS		4234098 2597704	MSP stor card 128 KB MSP stor card 256 KB		Go to MAP 1184 to isolate the failing card.
d685	MS A-A1Q2	74 24	4234098 2597704 2597706	MSP stor card 128 KB MSP stor card 256 KB MSF Data Flow card		CSIPL 3rd load. If MS is the problem , MS card sizes are 128Kb , 256Kb and 512Kb. MS = main storage Go to MAP 1185 to isolate the failing card.
d687	MS A-A1Q2	74 24	4233694 2597704 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card		CSIPL 3rd load. Main storage cards are 256Kb and 128Kb cards. MS = main storage Go to MAP 1187 to isolate the failing card.
d695	MS A-A1Q2 A-A1	74 24 1	4234098 2597704 2597706	MSP stor card 128 KB MSP stor card 256 KB MSP Data Flow card		CSIPL 3rd load. Main storage cards are 256Kb and 128Kb cards. MS = main storage. Go to MAP 1195 to isolate the failing card.
d779	MS A-A1Q2 A-A1P2	73 20 5	4233694 2597584 2597706 4233686	MSP stor card 128 KB MSP stor card 512 KB MSP Data Flow card MSP Control card		CSIPL 3rd load. Main storage cards are 512Kb and 128Kb. MS = main storage Go to MAP 1179 to isolate the failing card.
d783	MS A-A1Q2	74 25	4233694 2597584 2597706	MSP stor card 128 KB MSP stor card 512 KB MSP Data Flow card		CSIPL 3rd load. Main storage cards are 512Kb and 128Kb. MS = main storage Go to MAP 1183 to isolate the failing card.



<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
d784	MS A-A1Q2 A-A1	74 24 1	4233694 2597584 2597706	MSP stor card 128 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb and 128Kb. MS = main storage Go to MAP 1184 to isolate the failing card
d785	MS A-A1Q2	74 24	4233694 2597584 2597706	MSP stor card 128 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem , MS card sizes are 128Kb , 256Kb and 512Kb. MS = main storage Go to MAP 1185 to isolate the failing card.
d787	MS A-A1Q2	74 25	4233694 2597584 2597706	MSP stor card 128 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb and 128Kb. MS = main storage Go to MAP 1187 to isolate the failing card.
d879	MS A-A1Q2 A-A1P2	73 20 5	2597704 2597584 2597706 4233686	MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card MSP Control card	CSIPL 3rd load. Main storage cards are 512Kb and 256Kb. MS = main storage Go to MAP 1179 to isolate the failing card.
d883	MS A-A1Q2	74 24	2597704 2597584 2597706	MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 256Kb and 512Kb MS = main storage Go to MAP 1183 to isolate the failing card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
d884	MS A-A1Q2	74 24	2597704 2597584 2597706	MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb and 256Kb. MS = main storage Go to MAP 1184 to isolate the failing card.
d885	MS A-A1Q2	74 24	2597704 2597584 2597706	MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem , MS card sizes are 128Kb , 256Kb and 512Kb. MS = main storage Go to MAP 1185 to isolate the failing card.
d887	MS A-A1Q2	74 24	2597704 2597584 2597706	MSP stor card 256 KB MSP stor card 512 KB MSP Data Flow card	CSIPL 3rd load. Main storage cards are 512Kb and 256Kb. MS = main storage Go to MAP 1187 to isolate the failing card.
d940	A-A1N2	98	2597716	CSP Stage 2	CSIPL 3rd load. A-A1N2 is a CSP/SS card.
d950	A-A1N2 A-A1Q2	33 33	2597716 2597706	CSP Stage 2 MSP Data Flow card	CSIPL 3rd load. The A1N2 is a CSP/SS card.
d970	A-A1N2 A-A1P2 A-A1Q2	33 33 33	2597716 4233686 2597706	CSP Stage 2 MSP Control card MSP Data Flow card	CSIPL 3rd load. The A1N2 is a CSP/SS card.
dAXX					CSIPL 3rd load. dAXX will only appear in stop mode (EE00) or stop on error mode (Fb03). XX indicates the TU just executed. XX may be 00 - 9F.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
db00	A-A1Q2 A-A1P2 A-A1N2 A-A1	50 30 18 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1100 to isolate the failing card. A1N2 is a CSP/SS card.
db02	A-A1N2 A-A1Q2 A-A1P2 A-A1M2 A-A1	50 30 15 1 1	2597716 2597706 4233686 2597736	CSP Stage 2 MSP Data Flow card MSP Control card CSP Panel Ctrl Cd Stg 2	CSIPL 3rd load. Go to MAP 1102 to isolate the failing card. A1N2 is a CSP/SS card.
db03	A-A1Q2 A-A1N2 A-A1P2 A-A1	77 11 10 1	2597706 2597716 4233686	MSP Data Flow card CSP Stage 2 MSP Control card	CSIPL 3rd load. Go to MAP 1103 to isolate the failing card. A1N2 is a CSP/SS card.
db06	A-A1Q2 A-A1P2 A-A1N2 A-A1	40 30 27 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1106 to isolate the failing card. A1N2 is a CSP/SS card.
db07	A-A1Q2 A-A1N2 A-A1P2 A-A1	77 11 10 1	2597706 2597716 4233686	MSP Data Flow card CSP Stage 2 MSP Control card	CSIPL 3rd load. Go to MAP 1107 to isolate the failing card. A1N2 is a CSP/SS card.
db08	A-A1Q2 A-A1P2 A-A1N2 A-A1	50 30 17 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1108 to isolate the failing card. A1N2 is a CSP/SS card.
db09	A-A1Q2 A-A1P2 A-A1N2 A-A1	50 40 8 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1109 to isolate the failing card. A1N2 is a CSP/SS card.
db10	A-A1Q2 A-A1P2 A-A1N2 A-A1	50 35 12 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1110 to isolate the failing card. A1N2 is a CSP/SS card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
db12	A-A1P2 A-A1Q2 A-A1N2	50 48 2	4233686 2597706 2597716	MSP Control card MSP Data Flow card CSP Stage 2	CSIPL 3rd load. Go to MAP 1112 to isolate the failing card. A1N2 is a CSP/SS card.
db14	A-A1P2 A-A1Q2 A-A1N2 A-A1	60 30 7 1	4233686 2597706 2597716	MSP Control card MSP Data Flow card CSP Stage 2	CSIPL 3rd load. Go to MAP 1114 to isolate the failing card. A1N2 is a CSP/SS card.
db22	A-A1P2 A-A1Q2 A-A1N2 A-A1	50 40 7 1	4233686 2597706 2597716	MSP Control card MSP Data Flow card CSP Stage 2	CSIPL 3rd load. Go to MAP 1122 to isolate the failing card. A1N2 is a CSP/SS card.
db24	A-A1Q2 A-A1P2 A-A1N2 A-A1	60 30 7 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1124 to isolate the failing card. A1N2 is a CSP/SS card.
db28	A-A1Q2 A-A1P2 A-A1N2 A-A1	70 24 3 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1128 to isolate the failing card. A1N2 is a CSP/SS card.
db29	A-A1Q2 A-A1P2 A-A1N2 A-A1	44 34 20 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1129 to isolate the failing card. A1N2 is a CSP/SS card.
db30	A-A1N2 A-A1P2 A-A1	70 28 1	2597716 4233686	CSP Stage 2 MSP Control card	CSIPL 3rd load. Go to MAP 1130 to isolate the failing card. A1N2 is a CSP/SS card.
db33	A-A1P2 A-A1Q2 A-A1N2 A-A1	40 40 17 1	4233686 2597706 2597716	MSP Control card MSP Data Flow card CSP Stage 2	CSIPL 3rd load. Go to MAP 1133 to isolate the failing card. The system contains a CSP/SS.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
db34	A-A1Q2 A-A1P2 A-A1N2 A-A1	50 30 17 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1134 to isolate the failing card. A1N2 is a CSP/SS card.
db35	A-A1N2 A-A1P2	69 30	2597716 4233686	CSP Stage 2 MSP Control card	CSIPL 3rd load. Go to MAP 1135 to isolate the failing card. A1N2 is a CSP/SS card.
db37	A-A1Q2 A-A1P2 A-A1N2 A-A1	45 35 18 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1137 to isolate the failing card. A1N2 is a CSP/SS card.
db46	A-A1P2 A-A1Q2 A-A1U2 A-A1N2 A-A1	50 30 10 7 1	4233686 2597706 4233694 2597716	MSP Control card MSP Data Flow card MSP stor card 128 KB CSP Stage 2	CSIPL 3rd load. Go to MAP 1146 to isolate the failing card. A1N2 is a CSP/SS card.
db48	A-A1P2 A-A1Q2 A-A1N2 A-A1	60 36 1 1	4233686 2597706 2597716	MSP Control card MSP Data Flow card CSP Stage 2	CSIPL 3rd load. Go to MAP 1148 to isolate the failing card. A1N2 is a CSP/SS card.
db82	A-A1Q2 A-A1P2 A-A1N2 A-A1	60 27 10 1	2597706 4233686 2597716	MSP Data Flow card MSP Control card CSP Stage 2	CSIPL 3rd load. Go to MAP 1182 to isolate the failing card. A1N2 is a CSP/SS card.
dC00	A-A1Q2 A-A1P2 A-A1M2 A-A1L2 A-A1	50 30 15 3 1	2597706 4233686 4234080 4234069	MSP Data Flow card MSP Control card CSP Data Flow card CSP Channel card	CSIPL 3rd load. Go to MAP 1100 to isolate the failing card.
dC06	A-A1Q2 A-A1P2 A-A1M2 A-A1L2 A-A1	40 30 20 7 1	2597706 4233686 4234080 4234069	MSP Data Flow card MSP Control card CSP Data Flow card CSP Channel card	CSIPL 3rd load. Go to MAP 1106 to isolate the failing card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
dC07	A-A1Q2 A-A1P2 A-A1M2 A-A1L2 A-A1	77 10 8 3 1	2597706 4233686 4234080 4234069	MSP Data Flow card MSP Control card CSP Data Flow card CSP Channel card	CSIPL 3rd load. Go to MAP 1107 to isolate the failing card.
dC08	A-A1Q2 A-A1P2 A-A1M2 A-A1L2 A-A1	50 30 14 3 1	2597706 4233686 4234080 4234069	MSP Data Flow card MSP Control card CSP Data Flow card CSP Channel card	CSIPL 3rd load. Go to MAP 1108 to isolate the failing card.
dC09	A-A1Q2 A-A1P2 A-A1M2 A-A1	50 40 8 1	2597706 4233686 4234080	MSP Data Flow card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1109 to isolate the failing card.
dC10	A-A1P2 A-A1Q2 A-A1M2 A-A1L2 A-A1	50 35 12 1 1	4233686 2597706 4234080 4234069	MSP Control card MSP Data Flow card CSP Data Flow card CSP Channel card	CSIPL 3rd load. Go to MAP 1110 to isolate the failing card.
dC12	A-A1P2 A-A1Q2 A-A1M2	50 48 2	4233686 2597706 4234080	MSP Control card MSP Data Flow card CSP Data Flow card	CSIPL 3rd load.
dC14	A-A1P2 A-A1Q2 A-A1M2 A-A1	60 30 7 1	4233686 2597706 4234080	MSP Control card MSP Data Flow card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1114 to isolate the failing card.
dC16	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC18	A-A1P2 A-A1Q2	50 48	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC20	A-A1P2 A-A1Q2	55 43	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
dC22	A-A1P2 A-A1Q2 A-A1M2 A-A1	50 40 7 1	4233686 2597706 4234080	MSP Control card MSP Data Flow card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1122 to isolate the failing card.
dC24	A-A1Q2 A-A1P2 A-A1M2 A-A1	60 30 7 1	2597706 4233686 4234080	MSP Data Flow card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1124 to isolate the failing card
dC26	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC28	A-A1Q2 A-A1P2 A-A1M2 A-A1	70 24 3 1	2597706 4233686 4234080	MSP Data Flow card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1128 to isolate the failing card.
dC29	A-A1Q2 A-A1P2 A-A1M2 A-A1	44 34 20 1	2597706 4233686 4234080	MSP Data Flow card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1129 to isolate the failing card.
dC30	A-A1Q2 A-A1P2 A-A1M2 A-A1	40 30 28 1	4234069 4234080 4233686	CSP Channel card CSP Data Flow card MSP Control card	CSIPL 3rd load. Go to MAP 1130 to isolate the failing card.
dC31	A-A1Q2 A-A1P2	70 28	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC32	A-A1Q2 A-A1P2	70 28	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC33	A-A1P2 A-A1Q2 A-A1B4 A-A1	40 40 17 1	4233686 2597706 4177025	MSP Control card MSP Data Flow card ctrl Panel Interface cd	CSIPL 3rd load. Go to MAP 1133 to isolate the failing card.
dC34	A-A1Q2 A-A1P2 A-A1M2 A-A1	50 30 17 1	2597706 4233686 4234080	MSP Data Flow card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1134 to isolate the failing card.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
dC35	A-A1L2 A-A1P2 A-A1M2	40 30 29	4234069 4233686 4234080	CSP Channel card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1135 to isolate the failing card.
dC36	A-A1Q2 A-A1P2	70 28	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC37	A-A1Q2 A-A1P2 A-A1M2 A-A1	45 35 18 1	2597706 4233686 4234080	MSP Data Flow card MSP Control card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1137 to isolate the failing card.
dC40	A-A1Q2 A-A1P2	60 38	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC42	A-A1Q2 A-A1P2	60 38	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC44	A-A1Q2 A-A1U2 A-A1P2 A-A1	60 30 7 1	2597706 4233694 4233686	MSP Data Flow card MSP stor card 128 KB MSP Control card	CSIPL 3rd load. If MS is the problem, the failure is a 128Kb card.
dC46	A-A1P2 A-A1Q2 A-A1U2 A-A1M2 A-A1	50 30 10 7 1	4233686 2597706 4233694 4234080	MSP Control card MSP Data Flow card MSP stor card 128 KB CSP Data Flow card	CSIPL 3rd load. If MS is the problem, the failure is a 128Kb card.
dC48	A-A1P2 A-A1Q2 A-A1L2 A-A1	60 36 1 1	4233686 2597706 4234069	MSP Control card MSP Data Flow card CSP Channel card	CSIPL 3rd load.
dC50	A-A1P2 A-A1Q2	70 28	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC52	A-A1P2 A-A1Q2	70 28	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC54	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC56	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
dC58	A-A1Q2 A-A1P2	60 38	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC60	A-A1P2 A-A1Q2	50 48	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC62	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC63	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC64	A-A1Q2 A-A1P2 A-A1U2	60 28 10	2597706 4233686 4233694	MSP Data Flow card MSP Control card MSP stor card 128 KB	CSIPL 3rd load. A1U2 is 128Kb storage card.
dC65	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC66	A-A1P2 A-A1Q2	60 38	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dC67	A-A1Q2 A-A1P2	60 38	2597706 4233686	MSP Data Flow card MSP Control card	CSIPL 3rd load.
dC68	A-A1Q2 A-A1P2 A-A1N2 A-A1M2	60 30 5 3	2597706 4233686 2597716 4234080	MSP Data Flow card MSP Control card CSP Stage 2 CSP Data Flow card	CSIPL 3rd load.
dC75	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC79	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC81	A-A1U2 A-A1Q2 A-A1P2 A-A1	73 20 5 1	4233694 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
dC82	A-A1Q2 A-A1P2 A-A1L2 A-A1M2 A-A1	60 27 5 5 1	2597706 4233686 4234069 4234080	MSP Data Flow card MSP Control card CSP Channel card CSP Data Flow card	CSIPL 3rd load. Go to MAP 1182 to isolate the failing card.
dC83	MS A-A1Q2 A-A1T2 A-A1	74 24 1 1	4234098 2597706 4233694	MSP stor card 128 KB MSP Data Flow card MSP stor card 128 KB	CSIPL 3rd load. If MS is the problem, the failing card is a 128Kb storage card. MS = main storage.
dC84	MS A-A1Q2 A-A1	74 24 1	4234098 2597706	MSP stor card 128 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem, the failing card is a 128Kb storage card. MS = main storage.
dC85	MS A-A1Q2	74 25	4234098 2597706	MSP stor card 128 KB MSP Data Flow card	CSIPL 3rd load. If MS is the problem, the failing card is a 128Kb storage card. MS = main storage.
dC86	A-A1U2 A-A1Q2 A-A1	74 24 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1U2 is 128Kb storage card. CSIPL 3rd load.
dC87	MS A-A1Q2 A-A1	74 24 1	4234098 2597706	MSP stor card 128 KB MSP Data Flow card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC88	A-A1U2 A-A1Q2 A-A1	74 24 1	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1U2 is 128Kb storage card. CSIPL 3rd load.
dC89	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC92	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
dC93	A-A1U2 A-A1Q2	75 24	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	A1U2 is 128Kb storage card. CSIPL 3rd load.
dC96	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC97	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC98	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dC99	MS A-A1Q2 A-A1P2 A-A1	73 20 5 1	4234098 2597706 4233686	MSP stor card 128 KB MSP Data Flow card MSP Control card	A1U2 is 128Kb storage card. CSIPL 3rd load. MS = main storage.
dd01	A-A1U2 A-A1Q2	90 9	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	128Kb ECC storage card. CSIPL 3rd load.
dd02	A-A1T2	99	4233694	MSP stor card 128 KB	128Kb ECC storage card. CSIPL 3rd load.
dd04	A-A1S2	99	4233694	MSP stor card 128 KB	128Kb ECC storage card. CSIPL 3rd load.
dd08	A-A1R2	99	4233694	MSP stor card 128 KB	128Kb ECC storage card. CSIPL 3rd load.
dd10	A-A1Q2	98	2597706	MSP Data Flow card	CSIPL 3rd load. If replacing FRU does not correct the problem, check to see that the UDT is correct (see MIM 01-290).
dd11	A-A1U2 A-A1Q2	55 45	4233694 2597706	MSP stor card 128 KB MSP Data Flow card	CSIPL 3rd load. A-A1U2 is a 128Kb storage card.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
dd20	A-A1P2	98	4233686	MSP Control card	CSIPL 3rd load.
dd30	A-A1P2 A-A1Q2	49 49	4233686 2597706	MSP Control card MSP Data Flow card	CSIPL 3rd load.
dd31	A-A1Q2 A-A1P2 A-A1U2	60 25 14	2597706 4233686 4233694	MSP Data Flow card MSP Control card MSP stor card 128 KB	A1U2 is 128Kb storage card. CSIPL 3rd load, TU 51 failed.
dd40	A-A1M2	98	4234080	CSP Data Flow card	CSIPL 3rd load.
dd50	A-A1L2 A-A1Q2	55 45	4234069 2597706	CSP Channel card MSP Data Flow card	CSIPL 3rd load.
dd70	A-A1M2 A-A1P2 A-A1Q2	33 33 33	4234080 4233686 2597706	CSP Data Flow card MSP Control card MSP Data Flow card	CSIPL 3rd load.
dEXX					CSIPL 3rd load. Test unit XX is not in the load module. Go to MAP 0105, Entry Point A.
dF91	A-A1C2/ A-A2C2  Drive A	90  10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when a severe file/adaptor error occurs while loading DCP from Disk. 9700A for 10SR Disk; 9500A for 21ED Disk.
dF92	A-A1E2/ A-A2E2  Drive A	80  10	2462228	Data stor adapter 1 cd	This code is generated when a DSA error occurs when loading DCP from Disk 9700A for 10SR Disk; 9500A for 21ED Disk.
dF93	A-A1C2/ A-A2C2  Drive A	90  10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when a Interrupt Timeout occurs while loading DCP from disk. 9700A for 10SR Disk; 9500A for 21ED Disk.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
dFFA					CSIPL 3rd load. MSP cannot be initialized with input option FF00.
dFFb					CSIPL 3rd load. Configure error class. Go to MAP 0105, Entry Point A.
dFFC	A-A1E2/ A-A2E2	1	2462228	Data stor adapter 1 cd	CSIPL 3rd load. This code is generated when an error which can not be identified occurs while loading DCP from disk or diskette. Go to MAP 0105, Entry Point A.
aFFd					CSIPL 3rd load. MSP TU CS length too much. Go to MAP 0105, Entry Point A.
dFFE					CSIPL 3rd load. Not a valid MSP MDI rule found. Go to MAP 0105, Entry Point A.
dFFF					CSIPL 3rd load. Unknown error condition while running MSP IPL diagnostics.
E000	A-A1M2		2597736	CSP Panel Ctrl Cd Stg 2	Code problem on panel processor card.
E002	A-A1M2 A-A1N2	50 50	2597736 2597716	CSP Panel Ctrl Cd Stg 2 CSP Stage 2	Bad parity from CSP/SS.
E004	A-A1M2 A-A1N2	50 50	2597736 2597716	CSP Panel Ctrl Cd Stg 2 CSP Stage 2	CSP/SS won't stop.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E011	A-A1M2 A-A1N2	70 30	2597736 2597716	CSP Panel Ctrl Cd Stg 2 CSP Stage 2	PCB bit (s) or PCB strobe grounded.
E012	A-A1M2 A-A1N2	50 50	2597736 2597716	CSP Panel Ctrl Cd Stg 2 CSP Stage 2	CSP/SS bus bit(s) or parity bit(s) grounded.
E013	A-A1M2 A-A1N2	50 50	2597736 2597716	CSP Panel Ctrl Cd Stg 2 CSP Stage 2	CSP/SS bus bit(s), PCB bit(s) or parity bit(s) floating.
E014	A-A1N2 A-A1M2	80 20	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	Storage error at location "0000".
E015	A-A1N2 A-A1M2 A-A1H2  A-A1E2/ A-A2E2 A-A3S2  A-A3P2  A-A1L2 A-A2J2	30 10 10  10 10 10  10 10	2597716 2597736 4177036 4177038 4237136 2597763 2462228  4177036 4177037 4237136 2597763 4237136 2597763 4234069 4237136 2597763 2597727	CSP Stage 2 CSP Panel Ctrl Cd Stg 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Data stor adapter 1 cd  Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card CSP Channel card Data stor ctrl card Data stor ctrl card DS Pass-Thru card	CSP is stopped or proc chk is active or not on main pgm level.
E016	A-A1N2 A-A1M2	80 20	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	CSP is active or proc chk is active or MAR is not "0000".
E017	A-A1N2 A-A1M2	80 20	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	CSP is active or proc chk is active or not on main pgm level.
E018	A-A1M2 A-A1N2	50 50	2597736 2597716	CSP Panel Ctrl Cd Stg 2 CSP Stage 2	Check /Run is floating.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E019	A-A1M2 A-A1E2/ A-A2E2 Cross- over Cables	40 40 20	2597736 2462228	CSP Panel Ctrl Cd Stg 2 Data stor adapter 1 cd	IMPL cycle or IMPL disk/ diskette is grounded.
E020	A-A1N2 A-A1M2	80 20	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	Unable to load MCMAB.
E080	A-A1N2	99	2597716	CSP Stage 2	Unconditional branch failed. Module 1.
E081	A-A1N2	99	2597716	CSP Stage 2	Conditional branch failed. Module 2.
E082	A-A1N2	99	2597716	CSP Stage 2	Branch and link failed. Module 3.
E083	A-A1N2	99	2597716	CSP Stage 2	TM instruction failed. Module 4.
E084	A-A1N2	99	2597716	CSP Stage 2	HI/LO work register selection failed. Module 5.
E085	A-A1N2	99	2597716	CSP Stage 2	CI instruction failed. Module 6.
E086	A-A1N2	99	2597716	CSP Stage 2	SI instruction failed. Module 7.
E087	A-A1N2 A-A1M2	90 9	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	One byte logical instruction failed. Module 8.
E088	A-A1N2	99	2597716	CSP Stage 2	One byte arithmetic instruction failed. Module 9.
E089	A-A1N2	99	2597716	CSP Stage 2	Two byte logical instruction failed. Module 10.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E08A	A-A1N2	99	2597716	CSP Stage 2	Two byte arithmetic instruction failed. Module 11.
E08C	A-A1N2	99	2597716	CSP Stage 2	Hex branch failed. Module 12.
E08E	A-A1N2	99	2597716	CSP Stage 2	Hex move failed. Module 13.
E08F	A-A1N2	99	2597716	CSP Stage 2	Initialization of low 32Kb of memory failed. Module 14.
E090	A-A1N2	99	2597716	CSP Stage 2	Memory test of high 32Kb of memory failed. Module 15.
E091	A-A1N2	99	2597716	CSP Stage 2	Write of low 32Kb of memory to high 32Kb of memory failed. Module 15.
E092	A-A1N2 A-A1M2	90 10	2597716 2597736	CSP Stage 2 CSP Panel Ctrl Cd Stg 2	Memory test of low 32Kb of memory failed. Module 15.
E093	A-A1N2	99	2597716	CSP Stage 2	Write of high 32Kb of memory to low 32Kb of memory failed. Module 15.
E094	A-A1N2	99	2597716	CSP Stage 2	Base plus displacement instruction failed or bar bit wrong. Module 16.
E095	A-A1N2	99	2597716	CSP Stage 2	Read or write of word to or from storage failed. Module 17.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E096	A-A1N2	99	2597716	CSP Stage 2	Read or write of byte to or from storage or bar bit wrong. Module 17.
E097	A-A1N2	99	2597716	CSP Stage 2	Load from control store direct area failed. Module 17.
E098	A-A1N2	99	2597716	CSP Stage 2	Load or sense of channel register failed. Module 18
E099	A-A1N2 A-A1H2  A-A1E2/ A-A2E2 A-A2S2 A-A2T2 A-A1K2 A-A3S2  A-A3P2  A-A1L2 A-A2N2 A-A1M2 X-over Term	10 10  10  10 10 10 10  10  10 1 1 6 6	2597716 4177036 4177038 4237136 2597763 2462228  4177002 4177009 4177000 4177036 4177037 4237136 2597763 4237136 2597763 4234069 8528166 2597736	CSP Stage 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Data stor adapter 1 cd  Print adapter cd 3262 Print State Seq card SLCA Comm card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card CSP Channel card adapter card 1255 CSP Panel Ctrl Cd Stg 2	Channel DBO/DBI bits wrong. Go to MAP 0190, Entry Point A to isolate FRU. Module 18.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E09A	A-A1N2	10	2597716	CSP Stage 2	Channel tag bits or ARS bits wrong. Go to MAP 0190, Entry Point A to isolate FRU. Module 18.
	A-A1H2	10	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1E2/ A-A2E2	10	2462228	Data stor adapter 1 cd	
	A-A3S2	10	4177036	Controller card 16 KW	
			4177037	Controller card 32 KW	
			4237136	Ctrlr cd 64KW stage 2	
			2597763	Ctrlr cd 64KW stage 2	
	A-A3P2	10	4237136	ELCA control card	
		2597763	ELCA control card		
A-A1L2	10	4234069	CSP Channel card		
A-A2J2	10	4237136	Data stor ctrl card		
		2597763	Data stor ctrl card		
		2597727	DS Pass-Thru card		
A-A1M2	1	2597736	CSP Panel Ctrl Cd Stg 2		
X-over	10				
E09C	A-A1N2	99	2597716	CSP Stage 2	Software set mach chk interrupt failed. Module 18.
E09E	A-A1N2	99	2597716	CSP Stage 2	Disable checks failed. Module 18.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
E09F	A-A1N2	20	2597716	CSP Stage 2	Force MC interrupt through device addr which is not valid failed or enable checks failed. Module 18.  The channel terminator card may be in one of 4 different locations depending on system configuration. A-A1B3, A-A2U3, A-A3U3 or A-a3U4. Term card P/N 4234073.	
	A-A1M2	10	2597736	CSP Panel Ctrl Cd Stg 2		
	A-A1E2/ A-A2E2	10	2462228	Data stor adapter 1 cd		
	A-A2S2	10	4177002	Print adapter cd 3262		
	A-A2T2	10	4177009	Print State Seq card		
	A-A1K2	10	4177000	SLCA Comm card		
	A-A3S2	10	4177036	Controller card 16 KW		
				4177037		Controller card 32 KW
				4237136		Ctrlr cd 64KW stage 2
				2597763		Ctrlr cd 64KW stage 2
	A-A3P2	10	4237136	ELCA control card		
			2597763	ELCA control card		
	A-A1L2	10	4234069	CSP Channel card		
	A-A2N2	1	8528166	adapter card 1255		
A-A1H2	1	4177036	WSC Base card 16 KW			
		4177038	WSC card 48 KW			
		4237136	WSC card 64 KW			
		2597763	WSC card 64 KW			
X-over Term	6 6					
E0A0	A-A1N2	99	2597716	CSP Stage 2	Force MC interrupt through LSR parity check failed. Module 18.	
E0A1	A-A1N2	99	2597716	CSP Stage 2	Force MC interrupt through storage parity check failed. Module 18.	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E0A2	A-A1N2	10	2597716	CSP Stage 2	Channel tag interrupt requests wrong. Go to MAP 0190, Entry Point A to isolate FRU. Module 19.
	A-A1H2	10	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1E2/ A-A2E2	10	2462228	Data stor adapter 1 cd	
	A-A2S2	10	4177002	Print adapter cd 3262	
	A-A2J2	10	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	A-A1K2	10	4177000	SLCA Comm card	
	A-A3S2	10	4177036	Controller card 16 KW	
			4177037	Controller card 32 KW	
			4237136	Ctrlr cd 64KW stage 2	
		2597763	Ctrlr cd 64KW stage 2		
A-A3P2	10	4237136	ELCA control card		
		2597763	ELCA control card		
A-A1L2	10	4234069	CSP Channel card		
A-A2N2	1	8528166	adapter card 1255		
X-over	6				
A-A1M2	3	2597736	CSP Panel Ctrl Cd Stg 2		
E0A3	A-A1N2	99	2597716	CSP Stage 2	Interrupt level 5 structure test failed or enable interrupts failed. Module 19.
E0A4	A-A1N2	99	2597716	CSP Stage 2	Disable interrupts failed. Module 20.
E0A5	A-A1N2	99	2597716	CSP Stage 2	One of interrupt 1 through 4 failed. Module 20.
E0A6	A-A1N2	99	2597716	CSP Stage 2	Load/sense of run control byte failed. Module 21.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E0A7	A-A1N2	99	2597716	CSP Stage 2	Clearing of LSRs failed (move register instruction). Module 22.
E0A8	A-A1N2 A-A1M2 A-A1H2/  A-A1E2/ A-A2E2 A-A2S2 A-A2J2  A-A1K2 A-A3S2  A-A3P2  A-A1L2 A-A2N2	20 20 5  5  5 5  5 5  5 1	2597716 2597736 4177036 4177038 4237136 2597763 2462228  4177002 4237136 2597763 2597727 4177000 4177036 4177037 4237136 2597763 4237136 2597763 4234069 8528166	CSP Stage 2 CSP Panel Ctrl Cd Stg 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Data stor adapter 1 cd  Print adapter cd 3262 Data stor ctrl card Data stor ctrl card DS Pass-Thru card SLCA Comm card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card CSP Channel card adapter card 1255	Self test complete in CSP but failure to continue IPL.
E100	A-A1M2 A-A1N2  A-A1L2 A-A1Q2 A-A1P2	36 25  25 12 2	4234080 8248087 4234097 4234069 2597706 4233686	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec CSP Channel card MSP Data Flow card MSP Control card	A failure occurred before load routine 09.
E109	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics test LA1-DEC by 1.
E110	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics test LA1-INC by 1.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E111	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics test LA2-DEC by 1.
E112	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics add reg LA2 2 bytes + 1 byte.
E113	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics add reg LA2 2 bytes.
E114	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics subtract regs - LA2 2 bytes.
E115	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics storage direct - read L.
E116	A-A1M2 A-A1N2	80 20	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics storage direct - write ST.
E117	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics - load register from control store.
E118	A-A1M2 A-A1N2	30 20	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics reg to control store STC.
E119	A-A1L2 A-A1M2	50 50	4234069 4234080	CSP Channel card CSP Data Flow card	CSP diagnostics. Sense and load channel register, sense CEB.
E120	A-A1M2 A-A1L2	50 50	4234080 4234069	CSP Data Flow card CSP Channel card	CSP diagnostics. Reset, load, sense PCR.
E121	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics subtract Imm SI.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E122	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics inc reg by 1 LA2, 2 bytes.
E123	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics or regs LA1, 1 byte.
E124	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics and regs LA1, 1 byte.
E125	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics shift left logical LA1, 1 byte.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E190	A-A1L2	30	4234069	CSP Channel card	A failure occurred while loading the CSIPL load 2 tests. A bad channel terminator card can cause this problem. Depending on the system configuration, the terminator card can be in one of 4 locations -- A1B5, A2U3, A3U3 or A3U4 (p/n 4234073).
	A-A1H2	30	4177036	WSC Base card 16 KW	
			4177038	WSC card 48 KW	
			4237136	WSC card 64 KW	
			2597763	WSC card 64 KW	
	A-A1M2	20	4234080	CSP Data Flow card	
	A-A1N2	9	8248087	CSP stor card 32 KW	
			4234097	CSP stor card 32 kw Ec	
	A-A2K2	1	2462228	Data Stor Adapter 2 cd	
	A-A2J2	1	4237136	Data stor ctrl card	
			2597763	Data stor ctrl card	
			2597727	DS Pass-Thru card	
	A-A2E2	1	2462228	Data stor adapter 1 cd	
	A-A1E2	1	2462228	Data stor adapter 1 cd	
	A-A1C2/	1	2597702	adapter A card 21ED	
	A-A2C2		2597702	adapter A card 21ED	
			2437374	adapter A card 10SR	
	A-A1D2/	1	2597702	adapter B card 21ED	
	A-A2D2		2597702	adapter B card 21ED	
			2437374	adapter B card 10SR	
	A-A2C4	1	2437374	adapter C card 10SR	
	A-A2D4	1	2437374	adapter D card 10SR	
	A-A2S2	1	4177002	Print adapter cd 3262	
	A-A2T2	1	4177009	Print State Seq card	
	A-A2N2	1	8528166	adapter card 1255	
	A-A3S2	1	4177036	Controller card 16 KW	
			4177037	Controller card 32 KW	
			4237136	Ctrlr cd 64KW stage 2	
			2597763	Ctrlr cd 64KW stage 2	
	A-A3P2	1	4237136	ELCA control card	
			2597763	ELCA control card	
	A-A1K2	1	4177000	SLCA Comm card	
A-A3F2	1				
A-A3G2	1	2777417	Preload card		
A-A3H2	1				
A-A3J2	1				
A-A3K2	1				
A-A3L2	1	5864683	X.21 card		
		5864668	EIA card		
		8527032	DDSA card		
		8564508	1200 Sw US card		

1F-xxxx = Disk Drive A



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E191	A-A1C2/ A-A2C2  Drive A	90  10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when a severe file/adapter error occurs while attempting a CS IPL Load 2 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E192	A-A1E2/ A-A2E2  Drive	80  10	2462228	Data stor adapter 1 cd	This code is generated when a DSA error occurs when attempting a CS IPL Load 2 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E193	A-A1C2/ A-A2C2  Drive A A-A1D2/ A-A2D2  A-A1E2/ A-A2E2	60  10 10 10	2597702 2597702 2437374  2597702 2597702 2437374 2462228	adapter A card 21ED adapter A card 21ED adapter A card 10SR  adapter B card 21ED adapter B card 21ED adapter B card 10SR Data stor adapter 1 cd	This code is generated when an Interrupt Timeout occurs when attempting a CS IPL Load 2 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E226	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics X or LA1, 1 byte.
E227	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics and comp-NCR LA1, 1 byte.
E228	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics or comp-OCR LA1, 1 byte.
E229	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics add reg - AR LA1, 1 byte.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E230	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics sub reg - SR LA1, 1 byte.
E231	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics add reg with carry - ACYR LA1, 1 byte.
E232	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics sub reg with borrow - SCYR LA1, 1 byte.
E236	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics XR LA2, 2 byte.
E237	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics or LA2, 2 byte.
E238	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics and reg LA2, 2 byte.
E239	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics NCR LA2, 2 byte.
E240	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics OCR LA2, 2 byte.
E241	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics SLLD LA2, 2 byte.
E242	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics sub reg - SR LA2, 2 byte.
E243	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics SCYR LA2, 2 byte.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E244	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics ACYR LA2, 2 byte.
E245	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics hex move.
E246	A-A1N2 A-A1M2	50 50	8248087 4234097 4234080	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card	CSP diagnostics hex branch using numeric & zone field or register.
E247	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics SRL/SRLD.
E248	A-A1M2 A-A1N2	50 50	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	Control storage. Direct storage test.
E249	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics move reg.
E250	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics ZAR LA1, 1 byte.
E251	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics MPLF GO, YO ser reg.
E253	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics MPLF flag sense PCB, PEB.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E255	A-A1L2 A-A1M2 A-A1N2	40 40 20	4234069 4234080 8248087 4234097	CSP Channel card CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	I/O clocks test. Before replacing any of these cards, ensure the UDT entry for control store type matches the storage type and the storage type jumper on the A1M2 card is correct.
E256	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics bank sel reg test.
E257	A-A1L2 A-A1M2 A-A1B4	45 45 10	4234069 4234080 4177025	CSP Channel card CSP Data Flow card ctrl Panel Interface cd	Not valid control storage address check. Before replacing any of these cards, ensure the UDT entry for control store type matches the storage type and the storage type jumper on the A1M2 card is correct.
E259	A-A1M2 A-A1L2	60 40	4234080 4234069	CSP Data Flow card CSP Channel card	Force SAR P check, X reg P check, CS SAR check.
E260	A-A1M2 A-A1N2	50 50	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	Force X reg P check, SDR P check, MOR reg P check
E261	A-A1N2 A-A1M2	50 50	8248087 4234097 4234080	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card	Force not valid device address check and sys bus parity check.
E263	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics CS block test.
E264	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics CS test.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E281	A-A1N2 A-A1M2	50 50	8248087 4234097 4234080	CSP stor card 32 KW CSP stor card 32 kw Ec CSP Data Flow card	CSP diagnostics LCH and STCH.
E282	A-A1M2	99	4234080	CSP Data Flow card	CSP diagnostics CS test LA1/LA2.
E283	A-A1M2	99	4234080	CSP Data Flow card	CSP diagnostics hr extended - BX.
E284	A-A1M2	99	4234080	CSP Data Flow card	CSP diagnostics BALX.
E285	A-A1M2	99	4234080	CSP Data Flow card	CSP diagnostics Compare reg LA1/LA2.
E286	A-A1M2	99	4234080	CSP Data Flow card	CSP diagnostics DEC reg LA1/LA2.
E287	A-A1M2 A-A1N2	50 50	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics fast l fetch ECC mem only.
E288	A-A1M2 A-A1N2	90 10	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics base disp.
E289	A-A1M2 A-A1N2	50 50	4234080 8248087 4234097	CSP Data Flow card CSP stor card 32 KW CSP stor card 32 kw Ec	CSP diagnostics error correction ECC mem only.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS	
E290	A-A1L2	30	4234069	CSP Channel card	<p>A failure occurred while loading the CSIPL load 3 tests.  MAP 0121 will isolate the failing FRU. Go to MAP 0105, Entry Point G.</p> <p>The channel terminator card can cause this SRC. It may be in one of 4 different locations, depending on the system configuration. A-A1B3, A-A2U3, A-A3U3 or A-A3U4. Term card P/N 4234073.</p>	
	A-A1H2	30	4177036	WSC Base card 16 KW		
				4177038		WSC card 48 KW
				4237136		WSC card 64 KW
				2597763		WSC card 64 KW
	A-A1M2	20	4234080	CSP Data Flow card		
	A-A1N2	9	8248087	CSP stor card 32 KW		
				4234097		CSP stor card 32 kw Ec
	A-A2K2	1	2462228	Data Stor Adapter 2 cd		
	A-A2J2	1	4237136	Data stor ctrl card		
				2597763		Data stor ctrl card
				2597727		DS Pass-Thru card
	A-A2E2	1	2462228	Data stor adapter 1 cd		
	A-A1E2	1	2462228	Data stor adapter 1 cd		
	A-A1C2/	1	2597702	adapter A card 21ED		
	A-A2C2	1	2597702	adapter A card 21ED		
				2437374		adapter A card 10SR
	A-A1D2/	1	2597702	adapter B card 21ED		
	A-A2D2	1	2597702	adapter B card 21ED		
				2437374		adapter B card 10SR
	A-A2S2	1	4177002	Print adapter cd 3262		
	A-A2T2	1	4177009	Print State Seq card		
	A-A2N2	1	8528166	adapter card 1255		
A-A3S2	1	4177036	Controller card 16 KW			
			4177037	Controller card 32 KW		
			4237136	Ctrlr cd 64KW stage 2		
			2597763	Ctrlr cd 64KW stage 2		
A-A3P2	1	4237136	ELCA control card			
			2597763	ELCA control card		
A-A1J2	1	4177027	WS adapter card			
A-A1K2	1	4177000	SLCA Comm card			
E291	A-A1C2/	90	2597702	adapter A card 21ED	<p>This code is generated when a severe file/adapter error occurs while attempting a CSIPL Load 3 from disk.  9700 for 10SR Disk;  9500 for 21ED Disk.</p>	
	A-A2C2		2597702	adapter A card 21ED		
			2437374	adapter A card 10SR		
	Drive A	10				

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E292	A-A1E2/ A-A2E2  Drive	80  10	2462228	Data stor adapter 1 cd	This code is generated when a DSA error occurs when attempting a CS IPL Load 3 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E293	A-A1C2/ A-A2C2  Drive A	90  10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when an Interrupt Timeout occurs when attempting a CS IPL Load 3 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E2A1	A-A1L2 A-A1F2 A-A1Q2 A-A2J2  A-A2K2	80 5 5 5  2	4234069  2597706 4237136 2597763 2462228	CSP Channel card  MSP Data Flow card Data stor ctrl card Data stor ctrl card Data Stor Adapter 2 cd	CSP diagnostic - This is tested under interrupt level 5 but could occur under any interrupt level.
E2A2	A-A1L2 A-A1M2	90 10	4234069 4234080	CSP Channel card CSP Data Flow card	CSP diagnostic - fixed interval timer and interrupt level 2.
E2FF					This code is displayed if the configuration bit is off in the UDT and the input option permits running configuration sensitive routines. (see MIM 01-290) Go to MAP 0101, Entry Point C.
E300	A-A1N2 A-A1Q2 A-A1P2 A-A1M2	86 2 5 5	2597716 2597706 4233686 2597736	CSP Stage 2 MSP Data Flow card MSP Control card CSP Panel Ctrl Cd Stg 2	A failure occurred before load routine 09.
E309	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics test LA1-DEC by 1.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E310	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics test LA1-INC by 1.
E311	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics test LA2-DEC by 1.
E312	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics add reg LA2 2 bytes + 1 byte.
E313	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics add reg LA2 2 bytes.
E314	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics subtract regs - LA2 2 bytes.
E315	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics storage direct - read L.
E316	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics storage direct - write ST.
E317	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics - load register from control store.
E318	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics reg to control store STC.
E319	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics. Sense and load channel register, sense CEB.
E320	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics. Reset, load, sense PCR.
E321	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics subtract Imm SI.
E322	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics inc reg by 1 LA2, 2 bytes.
E323	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics or regs LA1, 1 byte.
E324	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics and regs LA1, 1 byte.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E325	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics shift left logical LA1, 1 byte.
E390	A-A1N2 A-A1H2  A-A2K2 A-A2E2 A-A1E2 A-A1C2/ A-A2C2  A-A1D2/ A-A2D2  A-A2S2/ A-A2T2 A-A2N2 A-A3S2  A-A2J2  A-A1K2 A-A3P2	59 30  1 1 1 1  1  1 1 1 1  1  1 1 1 1	2597716 4177036 4177038 4237136 2597763 2462228 2462228 2462228 2597702 2597702 2437374 2597702 2597702 2437374 4177002 4177009 8528166 4177036 4177037 4237136 2597763 4237136 2597763 2597727 4177000 4237136 2597763	CSP Stage 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Data Stor Adapter 2 cd Data stor adapter 1 cd Data stor adapter 1 cd adapter A card 21ED adapter A card 21ED adapter A card 10SR adapter B card 21ED adapter B card 21ED adapter B card 10SR Print adapter cd 3262 Print State Seq card adapter card 1255 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 Data stor ctrl card Data stor ctrl card DS Pass-Thru card SLCA Comm card ELCA control card ELCA control card	A failure occurred while loading the CS IPL load 2 tests.  The channel terminator card can cause this SRC. It may be in one of 4 different locations, depending on the system configuration. A-A1B3, A-A2U3, A-A3U3 or A-A3U4. Term card P/N 4234073.
E391	A-A1C2/ A-A2C2  Disk Drive A	90   10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when a severe file/adapter error occurs while attempting a CS IPL Load 2 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E392	A-A1E2/ A-A2E2 Disk	80  10	2462228	Data stor adapter 1 cd	This code is generated when a DSA error occurs when attempting a CSIPL Load 2 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E393	A-A1C2/ A-A2C2  Disk Drive A	90   10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when an Interrupt Timeout occurs when attempting a CSIPL Load 2 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E426	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics X or LA1, 1 byte.
E427	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics and comp - NCR LA1, 1 byte.
E428	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics or comp - GCR LA1, 1 byte.
E429	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics add reg - AR LA1, 1 byte.
E430	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics sub reg - SR LA1, 1 byte.
E431	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics add reg with carry - ACYR LA1, 1 byte.
E432	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics sub reg with borrow - SCYR LA1, 1 byte.
E436	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics XR LA2, 2 byte.
E437	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics or LA2, 2 byte.
E438	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics and reg LA2, 2 byte.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E439	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics NCR LA2, 2 byte.
E440	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics OCR LA2, 2 byte.
E441	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics SLLD LA2, 2 byte.
E442	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics sub reg - SR LA2, 2 byte.
E443	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics SCYR LA2, 2 byte.
E444	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics ACYR LA2, 2 byte.
E445	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics hex move.
E446	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics hex branch using numeric & zone field or register.
E447	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics SRL/SRLD.
E448	A-A1N2	99	2597716	CSP Stage 2	Control storage. Direct storage test.
E449	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics move reg.
E450	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics ZAR LA1, 1 byte.
E451	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics MPLF GO, YO ser reg.
E453	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics MPLF flag sense PCB, PEB.
E455	A-A1N2	99	2597716	CSP Stage 2	I/O clocks test.
E456	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics bank sel reg test.
E457	A-A1N2	90	2597716	CSP Stage 2	

<b>SRC</b>	<b>FRU</b>	<b>%</b>	<b>P/N</b>	<b>FRU DESCRIPTION</b>	<b>SERVICE COMMENTS</b>
E459	A-A1N2	99	2597716	CSP Stage 2	Force SAR P check, X reg P check, CS SAR check.
E460	A-A1N2	99	2597716	CSP Stage 2	Force X reg P check, SDR P check, MOR reg P check
E461	A-A1N2	99	2597716	CSP Stage 2	Force not valid device address check and sys bus parity check.
E463	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics CS block test.
E464	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics CS test.
E481	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics LCH and STCH.
E482	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics CS test LA1/LA2.
E483	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics br extended - BX.
E484	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics BALX.
E485	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics Compare reg LA1/LA2.
E486	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics DEC reg LA1/LA2.
E487	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics fast I fetch ECC mem only.
E488	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics base disp.
E489	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostics error correction ECC mem only.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E490	A-A1N2 A-A1H2  A-A2K2 A-A2E2 A-A1E2 A-A1C2/ A-A2C2  A-A1D2/ A-A2D2  A-A1K2 A-A2S2 A-A2T2 A-A2N2 A-A3S2  A-A3P2	59 30  1 1 1 1 1  1 1  1 1 1 1 1  1	2597716 4177036 4177038 4237136 2597763 2462228 2462228 2462228 2597702 2597702 2437374 2597702 2597702 2437374 4177000 4177002 4177009 8528166 4177036 4177037 4237136 2597763 4237136 2597763	CSP Stage 2 WSC Base card 16 KW WSC card 48 KW WSC card 64 KW WSC card 64 KW Data Stor Adapter 2 cd Data stor adapter 1 cd Data stor adapter 1 cd adapter A card 21ED adapter A card 21ED adapter A card 10SR adapter B card 21ED adapter B card 21ED adapter B card 10SR SLCA Comm card Print adapter cd 3262 Print State Seq card adapter card 1255 Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2 ELCA control card ELCA control card	A failure occurred while loading the CSIPL load 3 tests. MAP 0121 will isolate the failing FRU. Go to MAP 0105, Entry Point G.
E491	A-A1C2/ A-A2C2  Disk Drive A	90  10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when a severe file/adapter error occurs while attempting a CSIPL Load 3 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E492	A-A1E2/ A-A2E2 Disk	80 10	2462228	Data stor adapter 1 cd	This code is generated when a DSA error occurs when attempting a CSIPL Load 3 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
E493	A-A1C2/ A-A2C2  Disk Drive A	90  10	2597702 2597702 2437374	adapter A card 21ED adapter A card 21ED adapter A card 10SR	This code is generated when an Interrupt Timeout occurs when attempting a CSIPL Load 3 from disk. 9700 for 10SR Disk; 9500 for 21ED Disk.
E4A1	A-A1N2 A-A1F2 A-A1Q2	90 5 5	2597716  2597706	CSP Stage 2  MSP Data Flow card	CSP diagnostic - This is tested under interrupt level 5 but could occur under any interrupt level.
E4A2	A-A1N2	99	2597716	CSP Stage 2	CSP diagnostic - fixed interval timer and interrupt level 2.
E4FF					This code is displayed if the configuration bit is off in the UDT and the input option permits running configuration sensitive routines. (see MIM 01-290) Go to MAP 0101, Entry Point C.
F000					The diskette inserted is not a CSIPL diskette.
F090	A-A1E2/ A-A2E2 A-A1F2/  A-A2F2  A-A3S2   Diskete	49  49   1   1	2462228  4247739 4247740 4247739 4247740 4177036 4177037 4237136 2597763	Data stor adapter 1 cd  Diskette adapter card Diskette adapter card Diskette adapter card Controller card 16 KW Controller card 32 KW Ctrlr cd 64KW stage 2 Ctrlr cd 64KW stage 2	This code indicates that an error occurred while running the diskette bootstrap loader.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
FFFF					The first byte of the load was not transferred. Go to hard copy MAP 0105, Entry Point A. This code is generated by hardware when the Load key is pressed. It is reset when the MSP Stop latch has been set and reset.
91	Protect B PrAsm A3 1.7R JA1cbl JC3cbl JA3cbl J32 Jmp B-A1 Bd B-A2 Bd U M/Bk	50 30 9 2 2 2 2 1 1 1	2777424 2777380 5565076 4233963 8636651 4233964 2777418 xxxxxxx xxxxxxx 2777475	Protect card Base Power assembly A3 1.7-V Reg/Preload JA1 cable assembly JC3 cable assembly JA3 cable assembly J32 Jumper assembly ctrl Panel B-A1 Board ctrl Panel B-A2 Board Upper Maple Block	Cable unseated, base power supply.
92	Protect B-A1 Bd B-A2 Bd JA1cbl	79 10 10 1	2777424 xxxxxxx xxxxxxx 4233963	Protect card ctrl Panel B-A1 Board ctrl Panel B-A2 Board JA1 cable assembly	The protect card or the control panel is bad.
93	Protect B-A1 Bd B-A2 Bd JA1cbl	79 10 10 1	2777424 xxxxxxx xxxxxxx 4233963	Protect card ctrl Panel B-A1 Board ctrl Panel B-A2 Board JA1 cable assembly	The protect card or the control panel is bad.
94	Protect B-A1 Bd B-A2 Bd JA1cbl	79 10 10 1	2777424 xxxxxxx xxxxxxx 4233963	Protect card ctrl Panel B-A1 Board ctrl Panel B-A2 Board JA1 cable assembly	The protect card or the control panel is bad.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
95	Protect B5V Asm B PrAsm JA3cbl B Xmfr U M/Bk	40 30 20 5 3 2	2777424 2777327 2777380 4233964 2777475	Protect card Base 5.0-V assembly Base Power assembly JA3 cable assembly Upper Maple Block	Overvoltage, -5V base power supply.
96	Protect B PrAsm JA3cbl U M/Bk	50 45 3 2	2777424 2777380 4233964 2777475	Protect card Base Power assembly JA3 cable assembly Upper Maple Block	Overvoltage, +8.5V/-12V base power supply.
97	Protect A3 1.7R JC3cbl A1DCcbl L M/Bk	50 40 5 3 2	2777424 5565076 8636651 2595275 2777420	Protect card A3 1.7-V Reg/Preload JC3 cable assembly DC cable A-A1 Board Lower Maple Block	Overvoltage, base +1.7V regulator.
98	Protect A2PrAsm A2 1.7R JA2cbl JA2crd J59 Jmp U M/Bk	40 30 20 3 2 1 1	2777424 2777307 2777308 8636649 2777318 2777372 2777475	Protect card A2 Power assembly A2 1.7-V Regulator asm JA2 cable assembly JA2 Jumper card asm J59 Jumper assembly Upper Maple Block	Cable unseated, A2 power supply.
99	Protect A2PrAsm JA2cbl A2 Xmfr A2 Cap U M/Bk E12wire	50 40 5 2 1 1 1	2777424 2777307 8636649 5252843 8279052 2777475 5758625	Protect card A2 Power assembly JA2 cable assembly A2 AC Capacitor 60 Hz A2 AC Capacitor 50 Hz Upper Maple Block E12 gnd wire A2 Power	Overvoltage, A2 power supply.
9A	Protect B-A1 Bd B-A2 Bd JA1cbl	79 10 10 1	2777424 xxxxxxx xxxxxxx 4233963	Protect card ctrl Panel B-A1 Board ctrl Panel B-A2 Board JA1 cable assembly	The protect card or the control panel is bad.



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
9B	Protect A2 1.7R JA2cbl A2DCcbl U M/Bk	50 45 2 2 1	2777424 2777308 8636649 8636634 2777475	Protect card A2 1.7-V Regulator asm JA2 cable assembly DC cable A-A2 Board Upper Maple Block	Overvoltage, A2 +1.7V regulator.
9C	A3PrAsm Protect JA4cbl/ JA4crd J71 Jmp J76 Jmp U M/Bk A3 1.7R 1.7Vcbl	86 7 1 1 1 1 1 1 1	5564641 2777424 8636654 2777318 2777418 2777372 2777475 5565076 5565145	A3 Power assembly Protect card JA4 cable assembly JA4 Jumper card asm J71 Jumper assembly J76 Jumper assembly Upper Maple Block A3 1.7-V Reg/Preload A3 1.7V sense ctrl cbl	Cable unseated, A3 power supply.
9D	A3PrAsm A3 1.7R Protect JA4cbl/ JA4crd A3DCcbl E14wire U M/Bk 1.7Vcbl	60 33 2 1 1 1 1 1 1	5564641 5565076 2777424 8636654 2777318 2597892 2777297 2777475 5565145	A3 Power assembly A3 1.7-V Reg/Preload Protect card JA4 cable assembly JA4 Jumper card asm DC cable A-A3 Board E14 gnd wire asm (A3) Upper Maple Block A3 1.7V sense ctrl cbl	Overvoltage, A3 power supply.  Any of these FRUs can blow fuse 4.
9E	Protect ExPrAsm JC2crd JC2cbl J90 Jmp L M/Bk	50 40 7 1 1 1	2777424 2777304 2777318 4233890 2777372 2777420	Protect card Expansion Power asm JC2 Jumper card asm JC2 Cable assembly J90 Jumper assembly Lower Maple Block	Cable unseated, Expansion power supply.
9F	Protect ExPrAsm JC2cbl JC2crd J90 Jmp Ex Xmfr Ex Cap L M/Bk	44 38 5 4 4 3 1 1	2777424 2777304 4233890 2777318 2777372 8279052 2777420	Protect card Expansion Power asm JC2 Cable assembly JC2 Jumper card asm J90 Jumper assembly  Expansion AC Cap 60 hz Lower Maple Block	Overvoltage, Expansion power supply.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
A1	Protect B-A1 Bd B-A2 Bd JA1cbl	79 10 10 1	2777424 xxxxxxx xxxxxxx 4233963	Protect card ctrl Panel B-A1 Board ctrl Panel B-A2 Board JA1 cable assembly	The protect card or the control panel is bad.
A2	Protect A1 crds 21 DDC 21 cbl B-A1 Bd B-A2 Bd 51 DCC/ 72 DCC B PrAsm B5V Asm 51 cbl/ 72 cbl A-A1 Bd A1DCcbl JA3cbl J32 Jmp B Xmfr	20 20 8 8 8 8 8 8 5 5 4 8 8 2 2 2 2 1	2777424 xxxxxxx 1616814 8636643 xxxxxxx xxxxxxx 4240728 5563735 2777380 2777327 8636635 8636648 xxxxxxx 2595275 4233964 2777418	Protect card Any card A-A1 Board 21ED Disk drive card 21ED Disk drive DC cbl ctrl Panel B-A1 Board ctrl Panel B-A2 Board Drive control card 51TD Drive control card 72M Base Power assembly Base 5.0-V assembly 51TD Diskette cable 72md Diskette cable A-A1 Logic Board DC cable A-A1 Board JA3 cable assembly J32 Jumper assembly	Overcurrent, +5V base power supply.  The load is probably the problem.
A3	Protect A1 crds B PrAsm A1DCcbl A-A1 Bd JA3cbl J32 Jmp B Xmfr U M/Bk	30 25 16 15 5 5 2 1 1	2777424 xxxxxxx 2777380 2595275 xxxxxxx 4233964 2777418 2777475	Protect card Any card A-A1 Board Base Power assembly DC cable A-A1 Board A-A1 Logic Board JA3 cable assembly J32 Jumper assembly Upper Maple Block	Overcurrent, +12V base power supply.  The load is probably the problem.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
A4	Protect 51 DCC/ 72 DCC 21 DDC 51 cbl/ 72 cbl 21 cbl B PrAsm U M/Bk JA3cbl B Xmfr J32 Jmp	23 20  20 10  10 3 2 1 1	2777424 4240728 5563735 1616814 8636635 8636648 8636643 2777380 2777475 4233964 2777418	Protect card Drive control card 51TD Drive control card 72M 21ED Disk drive card 51TD Diskette cable 72md Diskette cable 21ED Disk drive DC cbl Base Power assembly Upper Maple Block JA3 cable assembly  J32 Jumper assembly	Overcurrent, +24V base power supply.  The load is probably the problem.
A5	Protect A1 crds 51 DCC/ 72 DCC B PrAsm A1DCcbl 51 cbl/ 72 cbl A-A1 Bd JA3cbl B Xmfr U M/Bk	21 20 19  19 10 05  2 2 1 1	2777424 xxxxxxx 4240728 5563735 2777380 2595275 8636635 8636648 xxxxxxx 4233964 2777475	Protect card Any card A-A1 Board Drive control card 51TD Drive control card 72M Base Power assembly DC cable A-A1 Board 51TD Diskette cable 72md Diskette cable A-A1 Logic Board JA3 cable assembly  Upper Maple Block	Overcurrent, -5V base power supply.  The load is probably the problem.
A6	Protect A1 crds B PrAsm A1DCcbl A-A1 Bd JA3cbl U M/Bk	35 30 18 10 3 3 1	2777424 xxxxxxx 2777380 2595275 xxxxxxx 4233964 2777475	Protect card Any card A-A1 Board Base Power assembly DC cable A-A1 Board A-A1 Logic Board JA3 cable assembly Upper Maple Block	Overcurrent, +8.5V/-12V base power supply.  The load is probably the problem.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
A7	Protect A1 crds A3 1.7R A1DCcbl A-A1 Bd JC3cbl L M/Bk	33 30 17 15 2 2 1	2777424 xxxxxxx 5565076 2595275 xxxxxxx 8636651 2777420	Protect card Any card A-A1 Board A3 1.7-V Reg/Preload DC cable A-A1 Board A-A1 Logic Board JC3 cable assembly Lower Maple Block	Overcurrent, base +1.7V regulator.  The load is probably the problem.
A8	Protect B-A1 Bd B-A2 Bd JA1cbl	79 10 10 1	2777424 xxxxxxx xxxxxxx 4233963	Protect card ctrl Panel B-A1 Board ctrl Panel B-A2 Board JA1 cable assembly	The protect card or the control panel is bad.
A9	Protect 21 DDC/ 10 A1 21 cbl/ 10 cbl A2PrAsm JA2cbl/ JA2crd A2 Xmfr A2 Cap U M/Bk	30 30 15 15 6 2 1 1	2777424 1616814 8636643 8636644 2777307 8636649 2777318 5252843 8279052 2777475	Protect card 21ED Disk drive card  21ED Disk drive DC cbl 10SR Disk drive DC cbl A2 Power assembly JA2 cable assembly JA2 Jumper card asm  A2 AC Capacitor 60 Hz A2 AC Capacitor 50 Hz Upper Maple Block	Overcurrent, A2 power power supply.  The load is probably the problem.
AA	Protect A1 crds A2PrAsm A2 1.7R A1DCcbl A-A2 Bd JA2cbl J59 Jmp A2 Xmfr U M/Bk	35 30 14 14 2 1 1 1 1 1	2777424 xxxxxxx 2777307 2777308 2595275 xxxxxxx 8636649 2777372 2777475	Protect card Any card A-A1 Board A2 Power assembly A2 1.7-V Regulator asm DC cable A-A1 Board A-A2 Logic Board JA2 cable assembly J59 Jumper assembly  Upper Maple Block	Overcurrent, any +5V A2 power supply.  The load is probably the problem.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
AB	Protect	31	2777424	Protect card	Overcurrent, A2 +1.7V regulator.  The load is probably the problem.
	A2 crds	30	xxxxxxx	Any card on A-A2 Board	
	A2 1.7R	28	2777308	A2 1.7-V Regulator asm	
	JA2cbl	5	8636649	JA2 cable assembly	
	JA2crd	2	2777318	JA2 Jumper card asm	
	A-A2 Bd	2	xxxxxxx	A-A2 Logic Board	
	A2DCcbl	1	8636634	DC cable A-A2 Board	
	U M/Bk	1	2777475	Upper Maple Block	
AC	Protect	79	2777424	Protect card	The protect card or the control panel is bad.
	B-A1 Bd	10	xxxxxxx	ctrl Panel B-A1 Board	
	B-A2 Bd	10	xxxxxxx	ctrl Panel B-A2 Board	
	JA1cbl	1	4233963	JA1 cable assembly	
AD	A3PrAsm	50	5564641	A3 Power assembly	Overcurrent, A3 power supply.  The load is probably the problem.
	A3 1.7R	20	5565076	A3 1.7-V Reg/Preload	
	A3 crds	10	xxxxxxx	Any card A-A3 Board	
	A3DCcbl	5	2597892	DC cable A-A3 Board	
	A3 Xmfr	5			
	Protect	5	2777424	Protect card	
	JA4cbl/	3	8636654	JA4 cable assembly	
	JA4crd		2777318	JA4 Jumper card asm	
	A-A3 Bd	1	xxxxxxx	A-A3 Logic Board	
	J76 Jmp	1	2777372	J76 Jumper assembly	
	U M/Bk	1	2777475	Upper Maple Block	
	1.7Vcbl	1	5565145	A3 1.7V sense ctrl cbl	
	J71 jmp	1	2777418	J71 Jumper Assembly	
AE	Protect	79	2777424	Protect card	The protect card or the control panel is bad.
	B-A1 Bd	10	xxxxxxx	ctrl Panel B-A1 Board	
	B-A2 Bd	10	xxxxxxx	ctrl Panel B-A2 Board	
	JA1cbl	1	4233963	JA1 cable assembly	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
AF	Protect 21 DDC/ 10 bd ExPrAsm 21 cbl/ 10 cbl JC2cbl/ JC2crd Ex Xmfr Ex Cap L M/Bk	35 30 15 10 5 2 2 1	2777424 1616814 2777304 8636643 8636644 4233890 2777318 8279052 2777420	Protect card 21ED Disk drive card Expansion Power asm 21ED Disk drive DC cbl 10SR Disk drive DC cbl JC2 Cable assembly JC2 Jumper card asm Expansion AC Cap 60 hz Lower Maple Block	Overcurrent, Expansion power supply.  The load is probably the problem.
C0	Protect JA1cbl U M/Bk	90 5 5	2777424 4233963 2777475	Protect card JA1 cable assembly Upper Maple Block	The protect card or the JA1 cable is bad.
C1	Fuse 2/ Fuse 6 Protect RelayK1 AC cbl A1DCcbl JC3 cbl Contcbl B Xmfr J59 Jmp B ACcap  L M/Bk F2 Hodr K1diode	33 30 10 5 5 4 3 2 2 2 2 1 1	2495463 855253 2777424 2775241 8636633 2595275  2777372 5252843 8279052 2777420 92752 5565215	Fuse 2 AC 7.0 ampere Fuse 6 +24V,1.0 ampere Protect card Relay K1 AC box AC Distribution cable DC cable A-A1 Board  J59 Jumper assembly Base AC Capacitor 60 H Base AC Capacitor 50 H Lower Maple Block Fuse 2 Fuseholder K1 Diode asm AC box	Undervoltage, (all) base power supply.  Any of these FRUs can blow fuse 2 or 6.
C2	Protect B5V Asm B PrAsm JA3cbl B Xmfr U M/Bk	40 30 20 5 3 2	2777424 2777327 2777380 4233964  2777475	Protect card Base 5.0-V assembly Base Power assembly JA3 cable assembly  Upper Maple Block	Undervoltage, +5V base power supply.

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C3	Protect	45	2777424	Protect card	Undervoltage, +12V base power supply.
	B PrAsm	45	2777380	Base Power assembly	
	JA3cbl	5	4233964	JA3 cable assembly	
	B Xmfr	3			
	U M/Bk	2	2777475	Upper Maple Block	
C4	Protect	45	2777424	Protect card	Undervoltage, +24V base power supply.
	B PrAsm	45	2777380	Base Power assembly	
	JA3cbl	5	4233964	JA3 cable assembly	
	B Xmfr	3			
	U M/Bk	2	2777475	Upper Maple Block	
C5	Protect	45	2777424	Protect card	Undervoltage, -5V base power supply.
	B PrAsm	45	2777380	Base Power assembly	
	JA3cbl	5	4233964	JA3 cable assembly	
	B Xmfr	3			
	U M/Bk	2	2777475	Upper Maple Block	
C6	Protect	45	2777424	Protect card	Undervoltage, +8.5V/-12V base power supply.
	B PrAsm	45	2777380	Base Power assembly	
	JA3cbl	5	4233964	JA3 cable assembly	
	B Xmfr	3			
	U M/Bk	2	2777475	Upper Maple Block	
C7	Protect	30	2777424	Protect card	Undervoltage, base +1.7V regulator.
	A3 1.7R	29	5565076	A3 1.7-V Reg/Preload	
	B5V Asm	26	2777327	Base 5.0-V assembly	
	JC3cbl	9	8636651	JC3 cable assembly	
	B Xmfr	2			
	L M/Bk	2	2777420	Lower Maple Block	
	J59 Jmp	1	2777372	J59 Jumper assembly	
	E11wire	1	2777398	E11 gnd wire asm 1.7	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
C8	Fuse 3	30	107666	Fuse 3 AC 5.0 ampere	Undervoltage, (all) A2 power supply.  Any of these FRUs can blow fuse 3.
	Protect	28	2777424	Protect card	
	A2PrAsm	25	2777307	A2 Power assembly	
	JA2cbl	7	8636649	JA2 cable assembly	
	JA2crd	2	2777318	JA2 Jumper card asm	
	AC cbl	2	8636633	AC Distribution cable	
	A2 Xmfr	2			
	A2 Cap	1	5252843	A2 AC Capacitor 60 Hz	
			8279052	A2 AC Capacitor 50 Hz	
	F3 Hodr	1	92752	Fuse 3 Fuseholder	
U M/Bk	1	2777475	Upper Maple Block		
E12wire	1	5758625	E12 gnd wire A2 Power		
C9	Protect	47	2777424	Protect card	Undervoltage, A2 power supply.
	A2PrAsm	40	2777307	A2 Power assembly	
	JA2cbl	7	8636649	JA2 cable assembly	
	JA2crd	2	2777318	JA2 Jumper card asm	
	A2 Xmfr	2			
	A2 Cap	1	5252843	A2 AC Capacitor 60 Hz	
			8279052	A2 AC Capacitor 50 Hz	
U M/Bk	1	2777475	Upper Maple Block		
CA	Protect	79	2777424	Protect card	The protect card or the control panel is bad.
	B-A1 Bd	10	xxxxxxx	ctrl Panel B-A1 Board	
	B-A2 Bd	10	xxxxxxx	ctrl Panel B-A2 Board	
	JA1cbl	1	4233963	JA1 cable assembly	
CB	Protect	48	2777424	Protect card	Undervoltage, A2 +1.7V regulator.
	A2 1.7R	45	2777308	A2 1.7-V Regulator asm	
	JA2cbl	2	8636649	JA2 cable assembly	
	JA2crd	2	2777318	JA2 Jumper card asm	
	A2DCcbl	2	8636634	DC cable A-A2 Board	
	U M/Bk	1	2777475	Upper Maple Block	
CC	A3 Xmfr	70			Undervoltage, (all) A3 power supply.  Any of these FRUs can blow fuse 4.
	A3 Cap	20	6814312	A3 AC Cap 60 Hz-50 Hz	
	AC cbl	5	8636633	AC Distribution cable	
	A3PrAsm	3	5564641	A3 Power assembly	
	Fuse 4	1	2495470	Fuse 4 AC 3.5 ampere	
	F4 Hodr	1	92752	Fuse 4 Fuseholder	



SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
CD	A3PrAsm	70	5564641	A3 Power assembly	Undervoltage, A3 power supply.  Any of these FRUs can blow fuse 4.
	A3.7V R	10			
	A3 Xmfr	5			
	Protect	7	2777424	Protect card	
	JA4cbl	2	8636654	JA4 cable assembly	
	JA4crd	2	2777318	JA4 Jumper card asm	
	1.7Vcbl	2	5565145	A3 1.7V sense ctrl cbl	
	A3DCcbl	1	2597892	DC cable A-A3 Board	
	AC cbl	1	8636633	AC Distribution cable	
	F4 Hodr	1	92752	Fuse 4 Fuseholder	
U M/Bk	1	2777475	Upper Maple Block		
CE	Fuse 5	31	107665	Fuse 5 AC 4.0 ampere	Undervoltage, all levels Expansion power supply.  Any of these FRUs could blow fuse 5.
	Protect	29	2777424	Protect card	
	ExPrAsm	27	2777304	Expansion Power asm	
	JC2cbl	3	4233890	JC2 Cable assembly	
	JC2crd	2	2777318	JC2 Jumper card asm	
	Ex Xmfr	2			
	Ex Cap	2	8279052	Expansion AC Cap 60 hz	
	AC cbl	2	8636633	AC Distribution cable	
	F5 Hodr	1	92752	Fuse 5 Fuseholder	
	L M/Bk	1	2777420	Lower Maple Block	
CF	Protect	48	2777424	Protect card	Undervoltage, Expansion power supply.
	ExPrAsm	40	2777304	Expansion Power asm	
	JC2cbl	6	4233890	JC2 Cable assembly	
	JC2crd	2	2777318	JC2 Jumper card asm	
	Ex Xmfr	2			
	Ex Cap	1	8279052	Expansion AC Cap 60 hz	
	L M/Bk	1	2777420	Lower Maple Block	

SRC	FRU	%	P/N	FRU DESCRIPTION	SERVICE COMMENTS
FF	Thermal	30	5428337 5468294	Power thermal switch Gate thermal switch	Perform the lamp test as given in the start conditions. A temperature check has occurred with the power check. (Also see temperature check section for obvious causes of the check). --- or ---  A power check has occurred without a temperature check. The error may be caused by noise or by a normal power-off. To clear the error, set CB1 to the Off position then to the On position.
	Protect	25	2777424	Protect card	
	AC cbl	15	8636633	AC Distribution cable	
	FanGate	15	2777396 2777465	Fan 60 Hz in Fan Box Fan 50 Hz in Fan Box	
	Fan Pwr	10	2777396 2777465	Base Power Fan 60 Hz Base Power Fan 50 Hz	
	JC3cbl	3	8636651	JC3 cable assembly	
	L M/Bk	2	2777420	Lower Maple Block	
	---or---				
	Noise	60			
	Protect	40	2777424	Protect card	