

## Goal: What Are The 4100 Family Crash Codes

Fact: 4100 Classic  
Fact: 4100+  
Fact: 4020  
Fact: 4100U  
Fact: Crash codes  
Fact: 4020 crash codes  
Fact: 4100 crash codes  
Fact: 4100U crash codes

**Symptom:** Need definition of crash code

### Fix:

**CLASS E Crash** indicates possible defect in system hardware.

**CLASS S Crash** indicates possible bug in executive software. This problem may have already been corrected in a later revision. Check to see if the system is using the latest revision.

**CLASS P Crash** indicates possible problem in job software programming. Incompatible job hardware, and software can be corrected by reprogramming of the job information.

00

CRASH\_UNEXPECTED

displays <UNEXPECTED CRASH>

CLASS S CRASH

UNEXPECTED CRASH DUE TO POSSIBLE BUG IN EXECUTIVE SOFTWARE (SYSTEM PROM) CALL HEADQUARTERS TECHNICAL SUPPORT AT ONCE!

01

CRASH\_NO\_READY\_TASK

displays <NO READY TASK EXISTS>

CLASS S CRASH

NO READY TASK EXISTS

02

CRASH\_STACK\_OVERFLOW

displays <USER STACK OVERFLOW>

CLASS S CRASH

USER STACK OVERFLOW

03

CRASH\_STACK\_UNDERFLOW

displays <USER STACK UNDERFLOW>

CLASS S CRASH

USER STACK UNDERFLOW

04

CRASH\_NOT\_DQED

displays <STRUCTURE NOT DEQUEUED>

CLASS S CRASH

STRUCTURE NOT DEQUEUED

-The memory manager has crashed the panel.

· Check Idle Time, should be less than 35% average. High Idle Time (60%) can be caused by External Serial Interface card programmed to operate at 1200 Baud. SB-19

· Can be caused by a defective Remote LCD Annunciator.

· In 4120 networks using rev 6.03 or earlier this will occur if a node becomes isolated from all other nodes.

Update all nodes to rev 6.03.01 or later.

· Global ACK from another node will cause NDU to crash if public pts. are found out of valid range (range = 513-1535) with rev 6.04 & 7.01 SB-95

· This can be caused by nested recursive cross-linking of list in a network. example: If L18 of a node is tagged into L18 of another node and L18 of the second node is made external and tagged into L18 of the first node, then both nodes will see their own points as external points.

- Can be caused by a 2120 Interface card type being declared but no 2120 slot configuration programmed on the card.
- Will occur on a 4020 system (rev 7.03) when 3 or more mapnets are programmed and installed, but the 36 volt Y-cable is missing. Install Y-cable 733-xxx to correct this condition.

#### CPU Idle Time

In order to display the system idle time, first log in at level 4 (Simplex Service Mode). Press the menu key and scroll until the menu selection says "Display System CPU and Idle Time", then press enter. The current, minimum, average, and maximum idle time will be displayed.

-After running for a long time, the 4100U Master crashes with Error 4, 63, or 64. This is likely to happen in systems where a lot of events are occurring and being sent to either a Port or a Historical log. This problem is also likely to occur in systems that contain a slow device such as a 4800 baud 2120 Interface or a 1200 baud printer.

05

CRASH\_NOT\_FOUND

displays <STRUCTURE NOT FOUND>

CLASS S CRASH

STRUCTURE NOT FOUND

06

CRASH\_NO\_WAKE\_UP\_TCB

displays <NO TCB FOUND AFTER WAKEUP>

CLASS S CRASH

NO TASK CONTROL BLOCK FOUND AFTER WAKEUP

07

CRASH\_TIMER\_NOT\_DQED

displays <TIMER/TCB NOT DEQUEUED>

CLASS S CRASH

TIMER/TASK CONTROL BLOCK NOT DEQUEUED

08

CRASH\_TIMER\_NOT\_OWNED

displays <TIMER NOT OWNED BY CALLER>

CLASS S CRASH

TIMER NOT OWNED BY CALLER

09

CRASH\_OUT\_OF\_TCBS

displays <SYSTEM OUT OF TCBS>

CLASS S CRASH

SYSTEM HAS RUN OUT OF Task Control Blocks

Can occur if time/date analog pseudo points (A6 to A11) are declared public.

10

CRASH\_EXEC\_STACK\_OVERFLOW

displays <EXEC STACK OVERFLOW>

CLASS S CRASH

EXECUTIVE STACK OVERFLOW

11

CRASH\_ZERO\_TIMER\_VALUE

displays <TIMER VALUE IS ZERO>

CLASS S CRASH

TIME VALUE IS SET TO ZERO

12

CRASH\_LOCK

displays <LOCKED BY SAME OWNER>

CLASS S CRASH

LOCKED BY SOME OWNER

13

CRASH\_UNLOCK

displays <NOT SEMAPHORE OWNER>

CLASS S CRASH

NOT SEMAPHORE OWNER

-After running for a long time, the 4100U Master crashes with Error 4, 63, or 64. This is likely to happen in systems where a lot of events are occurring and being sent to either a Port or a Historical log. This problem is also likely to occur in systems that contain a slow device such as a 4800 baud 2120 Interface or a 1200 baud printer.

14

CRASH\_INTERNAL\_RAM\_BAD

displays <INTERNAL RAM ERROR>

CLASS S CRASH

INTERNAL RAM ERROR

15

CRASH\_EXTERNAL\_RAM\_BAD

displays <EXTERNAL RAM ERROR>

CLASS S CRASH

EXTERNAL RAM ERROR

16

CRASH\_TIMER\_0

displays <TIMER 0>

CLASS S CRASH

TIMER 0

-More than 127 devices (including IAMs) on channel. Each IAM occupies 1 1/2 mapnet device positions. If you are exceeding 127 devices (counting IAMs as 1 1/2 devices) then move some devices to another Mapnet channel.

-This error has been seen as a result of panel power fluctuations in the 120VAC

17

CRASH\_TIMER\_1

displays <TIMER 1>

CLASS S CRASH

TIMER 1

Can occur when an event with an "invalid time tag" in an alarm or trouble log is viewed or sent to a printer. Cold starting the panel will clear the logs and correct the problem. This problem has been eliminated in rev 6.04.97 and rev 7.03 and higher by making the time tag error non-reinitializing.

18

CRASH\_TIMER\_2

displays <TIMER 2>

CLASS S CRASH

TIMER 2

19

CRASH\_TIMER\_3

displays <TIMER 3>

CLASS S CRASH

TIMER 3

20

CRASH\_BAD\_INTERRUPT

displays <UNKNOWN INTERRUPT>

CLASS S CRASH

UNKNOWN INTERRUPT

21

CRASH\_CODE\_OVERRIDE

displays <BANK SET TO CODE OVERRIDE>

## CLASS P CRASH

### BANK SET TO CODE OVERRIDE

- Will occur with Rev 3.01 and 4.01 programmers when a point in L38 goes current limited.
- Will occur with rev 7.02 and 7.03 when a 2120 attempts to turn on an SSIGNAL that has a mode of S1. Change the mode in 2120 interface to CONTROL to correction problem.
- There has been a large number of AMD AM28F010 and AMD AM28F020 Flash Chip failures.

22

### CRASH\_CODE\_SMPLINTRP

displays <UNDEFINED SMPL OP\_CODE>

## CLASS P CRASH

### UNDEFINED SMPL OPCODE

23

### CRASH\_CODE\_TBLACCESS

displays <UNDEFINED TABLE ENTRY>

## CLASS P CRASH

### UNDEFINED TABLE ENTRY

- This will occur when any list containing LED points (64/64 LED, RCU/SCU, front panel) is viewed on the front panel LCD. SB-016
- This will also occur when a master controller point (0-6-x) trouble is forced OFF while logged in at level 4 with any Phase 4 software revision.
- On a 4100+ if the switching power supply is at any other address than 2 the system may crash. See FSB-398.
- Transponder slots not configured. If a 4100 panel is interfaced with a 2120 it has to be assigned a transponder number in programming before attempting to bring it on line.

24

### CRASH\_XMIT

displays <TRANSMIT CRASH>

## CLASS S CRASH

### TRANSMIT CRASH

- A system may crash if an audio job has a modified, or custom MSG file containing very long messages, and custom message's length exceeds the limit imposed by the Master Controller's communications buffer. SB-23
- A node may crash due to an excessive number of warnings due to public points that are not used as an external point by any node on the network (reduce quantity of warnings to none). SB-188
- There has been a large number of AMD AM28F010 and AMD AM28F020 Flash Chip failures.

25

### CRASH\_RECEIVE

displays <RECEIVE CRASH>

## CLASS S CRASH

### RECEIVE CRASH

Use of NULMON, NULSIG, or NULAUX as the mapnet device type with Rev 4.02 or 4.03, use a blank space to indicate an unused point.

26

### CRASH\_WORD\_AT\_ODD

displays <WORD ACCESS-ODD BOUNDARY>

## CLASS S CRASH

### WORD ACCESS-ODD BOUNDARY

- Possible software corruption from adding/editing cards to panel.

27

### CRASH\_INVALID\_LED\_MODE

displays <Invalid SMPL LED mode>

## CLASS P CRASH

### INVALID SMPL LED MODE

If the custom control FLASH operation is used on the external reference to a public point, the panel will crash if the point is programmed with an LED mode. SB-182

28

### CRASH\_INVALID\_SMPL\_PGM\_END

displays <Invalid SMPL program end>  
CLASS P CRASH  
INVALID SMPL PROGRAM END EXISTS

29  
CRASH\_NESTED\_LISTS  
displays <Too Many NESTed LISTs>  
CLASS P CRASH  
TOO MANY NESTED LIST EXISTS - LIST WITHIN LIST

30  
CRASH\_BAD\_RAM  
displays <Bad or missing RAM chip>  
CLASS E CRASH  
-BAD SYSTEM RAM CHIP  
-RAM CHIP DEFECTIVE, IMPROPERLY INSERTED, OR MISSING  
-Not enough RAM for job or bad RAM chip.  
-CFIG chip is blank

31  
CRASH\_BAD\_CODE  
displays <CODE checksum error>  
CLASS E CRASH  
CODE CHECKSUM ERROR  
SYSTEM PROM IS DEFECTIVE, NOT PROGRAMMED, OR INSERTED IMPROPERLY  
-Will occur with Rev 4.02 and earlier when used with 8096BH microprocessor change indicator 'E'. Check 9th character of FPO number on U9. If `E' then Rev 4.03, or higher system executive is required. Also see FSB-386R.  
-The CFIG format (Panel Programmer) used is incompatible with the Panel EXEC installed.

32  
CRASH\_BAD\_CONST  
displays <K\_SEG checksum error>  
CLASS E CRASH  
K\_SEG CHECKSUM ERROR  
-SYSTEM PROM U34 IS DEFECTIVE, NOT PROGRAMMED, NOT PROPERLY INSERTED, OR MISSING.  
-Error 32 can also be caused by a defective, unprogrammed or improperly inserted flash chip.

33  
CRASH\_BAD\_CFIG  
displays <CFIG checksum error>  
CLASS E CRASH  
CFIG CHECKSUM ERROR - CFIG PROM IS DEFECTIVE, NOT PROGRAMMED, OR INSERTED IMPROPERLY  
-Can be caused by Cfig Ram selected by dipswitch SW1-2, but Cfig Ram is not installed in the U45 socket.  
-There has been a large number of AMD AM28F010 and AMD AM28F020 Flash Chip failures.

34  
CRASH\_CFIG\_FMT  
displays <Invalid CFIG Format>  
CLASS E CRASH  
INVALID CFIG FORMAT  
INDICATES THAT THE CFIG FORMAT NUMBER IS INCOMPATIBLE WITH THE VERSION OF EXECUTIVE SOFTWARE (SYSTEM PROM). CHECK PROGRAMMER DISK REV NUMBER AGAINST REV NUMBER ON THE LABEL OF THE SYSTEM PROM. UPDATE SYSTEM PROM TO REV OF CURRENT SOFTWARE BY BURNING A NEW SYSTEM EXECUTIVE PROM.  
See FSB-252R for compatible system exec and programmer revisions.

35  
CRASH\_LARGE\_NQB  
displays <NQB too large>  
CRASH\_SWITCH\_MODE

displays <>  
CLASS P CRASH  
INVALID SWITCH MODE EXISTS IN PROGRAM.  
Check 64/64 annunciators, RCUs, 24 Point I/Os, and Graphic Drivers for ERROR.

36  
CRASH\_LED\_MODE  
displays <>  
CLASS P CRASH  
INVALID LED MODE EXISTS IN PROGRAM.  
Check 64/64 annunciators, RCU/SCUs, 24 Point I/Os, Front Panel Display, and Graphic Drivers for ERROR.

37  
CRASH\_EMPTY\_CODE\_LIST  
displays <>  
CLASS P CRASH  
EMPTY CODE LIST  
Or a list contains a nested empty list FSB-368 7/3/91

38  
CRASH\_INVALID\_GRA\_TYPE  
displays <Invalid GRAPHIC Type>  
CLASS P CRASH  
INVALID GRAPHIC TYPE EXISTS IN PROGRAM

39  
CRASH\_SMPL\_CODE\_OPCODE  
displays <Invalid CODE Operation>  
CLASS P CRASH  
INVALID OPERATION CODE EXIST IN PROGRAM

40  
CRASH\_INVALID\_GRAPH\_QUAL  
displays <Invalid GRAPH Qualifier>  
CLASS P CRASH  
INVALID GRAPHIC QUALIFIER EXIST IN PROGRAM  
Can be caused by a graphic point being trapped in a list after auto list generation has been disabled.

41  
CRASH\_BAD\_CFIG\_VECTOR  
displays <Bad CFIG vector entry>  
CLASS P CRASH  
BAD CFIG VECTOR ENTRY

42  
CRASH\_NULL\_ACB  
displays <Null ACB found>  
CLASS P CRASH  
NULL Annunciator Control Block FOUND

43  
CRASH\_BAD\_CCB\_ADDRESS  
displays <>  
CLASS P CRASH  
INVALID Card Control Block ADDRESS

44  
CRASH\_BAD\_CSB\_ADDRESS  
displays <Invalid CSB address>  
CLASS P CRASH  
INVALID Card Status Block ADDRESS

45

CRASH\_INVALID\_REF\_POINT

displays <Invalid REFERENCE Point>

CLASS P CRASH

INVALID REFERENCE POINT USED IN PROGRAM

-Can be caused by programming a message number that is not available in the audio chipset. Use <F2> to choose from valid choices within the chipset.

-The Point deleted was reference to the Front Panel Display.

-The Point deleted was referenced in a 2120 Interface Slot.

-The Point deleted was referenced on a Graphic Annunciator.

-External 4002 Zones are programmed on the 2120 Interface Card MONITOR Slot as FIRE Points. FIRE Mode which is a Latching mode is not valid on 4002 External points due to the fact that by default, 4002 alarm zones are latching alarms. Change the Mode of the 2120 Interface Card MONITOR Slot from FIRE to MONITOR.

46

CRASH\_ACBCARD\_NOT\_FOUND

displays <ACB Card NOT found>

CLASS P CRASH

Annunciator Control Block CARD NOT FOUND

47

CRASH\_ZERO\_PID

displays <OUTPUT\_UPDATE - Zero PID>

CLASS P CRASH

OUTPUT UPDATE - ZERO Point IDentifier

48

CRASH\_INVALID\_PINDICATOR

displays <Invalid PANEL Indicator>

CLASS P CRASH

INVALID PANEL INDICATOR

49

CRASH\_INVALID\_KEYGROUP

displays <PANEL - Invalid Key GROUP>

CLASS P CRASH

PANEL HAS INVALID KEY GROUP

50

CRASH\_INVALID\_KEYVALUE

displays <PANEL - Invalid Key VALUE>

CLASS E CRASH

PANEL HAS INVALID KEY VALUE

51

CRASH\_INVALID\_FREQINDEX

displays <SCAN12 - Invalid FREQ Index>

CLASS P CRASH

SCAN12 INVALID FREQ INDEX

52

CRASH\_INVALID\_PAUSEINDEX

displays <SCAN12 - Invalid PAUSE Index>

CLASS P CRASH

SCAN12 INVALID PAUSE INDEX

53

CRASH\_PRINTQ\_MSG

displays <>

CLASS P CRASH

PRINT QUEUE ENTRY IS ZERO LENGTH

54  
CRASH\_EVENTQ1\_MSG  
displays <>  
CLASS P CRASH  
EVENT QUEUE 1 ENTRY IS ZERO LENGTH

55  
CRASH\_EVENTQ2\_MSG  
displays <>  
CLASS P CRASH  
EVENT QUEUE 2 ENTRY IS ZERO LENGTH

56  
CRASH\_INVALID\_MON\_TYPE  
displays <MONPAC - Invalid point type>  
CLASS P CRASH  
MONITOR POINT HAS INVALID POINT TYPE

57  
CRASH\_VECTOR\_INDEX  
displays <CALLV Index out of range>  
CLASS S CRASH  
CALL VECTOR INDEX OUT OF RANGE

58  
CRASH\_WT\_STATE  
displays <WALKTEST Invalid W\_\_T\_\_ state>  
CLASS S CRASH  
WALKTEST - INVALID WALKTEST STATE

59  
CRASH\_INVALID\_RAM\_BANK  
displays <>  
CLASS S CRASH  
INVALID EXECUTIVE RAM BANK

60  
CRASH\_EMPTY\_POINT\_LIST  
displays <ALMVERF empty AV point list>  
CLASS P CRASH  
ALMVERF - EMPTY ALARM VERIFICATION POINT LIST

61  
CRASH\_ZERO\_VTG  
displays <AUDIO Invalid VTG number>  
CLASS P CRASH  
AUDIO - INVALID VTG NUMBER

62  
CRASH\_RAM\_OVERLAP  
displays <Overlapping CFIG RAM>  
CLASS E CRASH  
OVERLAPPING CFIG RAM  
This indicates that the System RAM and the Cfig RAM addresses overlap. This can be caused by an improper version of the GEN\_INFO.DAT file being on the CC/Build and/or Runtime disk.

63  
CRASH\_WD\_COMTASK  
displays <Watchdog Hit - COMTASK>  
CLASS S CRASH  
WATCHDOG HIT - COMMUNICATIONS TASK

-After running for a long time, the 4100U Master crashes with Error 4, 63, or 64. This is likely to happen in systems where a lot of events are occurring and being sent to either a Port or a Historical log. This problem is also likely to occur in systems that contain a slow device such as a 4800 baud 2120 Interface or a 1200 baud printer.

64

CRASH\_WD\_PANEL

displays <Watchdog Hit - PANEL>

CLASS S CRASH

WATCHDOG HIT - PANEL

-After running for a long time, the 4100U Master crashes with Error 4, 63, or 64. This is likely to happen in systems where a lot of events are occurring and being sent to either a Port or a Historical log. This problem is also likely to occur in systems that contain a slow device such as a 4800 baud 2120 Interface or a 1200 baud printer.

-4100U Panel will crash with error 64 when large number of troubles exist and panel starts to communicate on a 4120Network.

65

CRASH\_INVALID\_LIST\_ELEMENT

displays <>

CLASS P CRASH

INVALID LIST POINT ELEMENT

A list contains a point that should not be in the list. eg. LED

66

CRASH\_MSGLIB\_FMT

displays <MSGLIB Format Error>

CLASS E CRASH

MSGLIB FORMAT ERROR

Message Library format number is incorrect for system software revision. Wrong MSGLIB on programmer disk. Use Same programmer version to burn upper and lower Exec chips.

67

CRASH\_SMALL\_RAM

displays <System RAM Chip too small>

CLASS E CRASH

SYSTEM RAM CHIP IS TOO SMALL

-The amount of RAM installed in the Master Controller is too small for the job configuration. Replace the 256K RAM with 1 MEG RAM chip on 4100 and 4020, or add an additional RAM Bank on 4100+ and UT.

-The panel did not have a ram chip installed into U35. Remove the chip that had been placed into the CFG ram socket U45 and install in the system ram socket U35.

68

CRASH\_LIST\_BANK

displays <Invalid list bank>

CLASS P CRASH

INVALID LIST BANK

69

CRASH\_SIGNAL\_BAD

displays <Bad signal type>

CLASS S CRASH

BAD SIGNAL TYPE

70

CRASH\_SIGNAL\_WRAP

displays <Signal count wrapped>

CLASS S CRASH

SIGNAL COUNT WRAPPED

71

CRASH\_MSG\_TOO\_LONG

displays <Audio MSG size exceeded>  
CLASS E CRASH  
AUDIO MeSsaGe SIZE EXCEEDED

72  
CRASH\_POINTLIST\_NOT\_DEFINED  
displays <LIST is not configured>  
CLASS P CRASH  
POINT LIST NOT CONFIGURED

73  
CRASH\_INVALID\_MSGLIB\_NUMBER  
displays <INVALID Msglib Number>  
CLASS S CRASH  
INVALID MeSsaGe LIBrary NUMBER

74  
CRASH\_CARD\_NOT\_FOUND  
displays <Card NOT configured>  
CLASS P CRASH  
CARD NOT CONFIGURED

75  
CRASH\_WRONG\_JOB  
displays <Invalid system CFG>  
CLASS E CRASH  
INVALID SYSTEM CFG  
· The information in the Cfig Prom indicated that the program is installed in the wrong type of panel.  
  example: A UT program installed in a 4020.  
· Can also occur if a prom bank size exceeds a value of 16385 (greater than 100% full) and spills over into the next bank.  
-Used wrong size CFG chip. Used 1 Meg when 2 Meg required or used 2 Meg when 1 Meg required.

76  
CRASH\_NET\_NODE\_INDEX  
displays <Invalid network node index>  
CLASS P CRASH  
INVALID NETWORK NODE INDEX

77  
CRASH\_CFG\_SYSTEM\_TYPE  
displays <Invalid CFG system type>  
CLASS P CRASH  
INVALID CFG SYSTEM TYPE

78  
CRASH\_INVALID\_NETWORK\_DEV  
displays <Invalid NETWORK DEVICE>  
CLASS P CRASH  
INVALID NETWORK DEVICE  
-Will occur if mapnet null device point types (NULMON, NULSIG, NULAUX) are made public and external. SB-165 SB-170 FSB-571  
-There is a defect in 4010 programmer 2.03.03 and earlier which does not update the database table. The problem is related to network points if they are deleted from the IDNET and the network tab is not visited. If different point types are added at a later time to the same IDNET point they are automatically added to the network card tab and create the error 78 crash.  
-There is a defect in the 4002 network firmware 3.02.91 or earlier effecting the initialization of the network.  
Note:It appears that these symptoms only surface when more than one 4002 panel is on the network.  
-There is a corrupt DBN file.  
-When new external points are added to the network and the panel with the public points is downloaded to, any panel with these points external that has not been downloaded can crash with an invalid network device. When old external points are removed from a network and the panel where the externals existed is downloaded first

the network can crash. If a panel has external points added, always download these panels first. If external points are being removed, then these panels should be downloaded last.

79

CRASH\_TIMER\_NO\_INT  
displays <TIMER NO INT SET>  
CLASS P CRASH  
TIMER NO INT SET

80

CRASH\_INVALID\_NETWORK\_SWITCH  
displays <Invalid Network Switch Mode>  
CLASS P CRASH  
INVALID NETWORK SWITCH MODE

81

CRASH\_INV\_PUB\_STRUCTS  
displays <INVALID PUBLIC DUMP STRUCTURE>  
CLASS P CRASH  
INVALID PUBLIC DUMP STRUCTURE

A GCC/NPU with rev 1.01 will crash if the .DBN file contains duplicate copies of external points. This can be verified by creating a report with NETREP.EXE and examining it of duplicate points. Call Tech Support for program needed to remove the duplicate points. FSB-571

82

CRASH\_INV\_BITMAP\_POINT  
displays <INVALID POINT FOR BITMAP>  
CLASS P CRASH  
INVALID POINT FOR BITMAP  
Check for problem in Graphic Command Center and/or Network Processing Units.

83

CRASH\_INV\_PUB\_OUT\_MAP  
displays <INVALID PUBLIC OUTPUT MAP>  
CLASS P CRASH  
INVALID PUBLIC OUTPUT MAP

84

CRASH\_INV\_JUMP\_ADDRESS  
displays <INVALID JUMP ADDRESS>

85

CRASH\_INV\_LOG\_ENTRY\_LEN  
displays <INVALID LOG ENTRY LENGTH>

86

CRASH\_UNMATCHED\_SN  
displays <PIC SN Does Not Match>

87

CRASH\_READ\_PIC  
displays <Read PIC Error>

88

CRASH\_INVALID\_ACCESSCODE  
displays <Invalid Access Code>

89

CRASH\_INV\_LM\_LUT\_STATE  
displays <Invalid Local Mode LUT state>

90

CRASH\_INV\_CHN  
displays <Audio Channel Invalid>

91  
CRASH\_BAD\_MSGLIB  
displays <MSGLIB CRC error>