

1:	App_TSM_Mismatch	P6 'B'	TestLog	Restart
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1: | CAUSE:

1: | The high and low level trunk state machines are incompatible.

1: | The way the code is written, this error should never occur.

1: | ENVIRONMENT:

1: | This error involves the RTP in North American products.

1: | It can also involve the SP in other products.

1: | This event cannot be found in 0x32 KSUs.

1: | HUMAN ACTION:

1: | Customer should contact the Installer to replace KSU

1: | if using a North American product or replace the feature

1: | cartridge for other products.

2:	Too_Many_Opmodes	P4 'A'	Trace	TestLog
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2: | CAUSE:

2: | The software does not recognize the mode of the trunk cartridge

2: | so it defaults it to LoopStart.

2: | ENVIRONMENT:

2: | This error involves the RTP (for North American products)

2: | or SP (for all other products) and the trunk cartridge.

2: | HUMAN ACTION:

2: | Customer should contact the installer to get the event tracebacks.

3:	Inv_DPRAM_Cmd	P4 'A'	Trace	TestLog
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3: | CAUSE:

3: | The loop maintenance message contains a command for the B2 channel.

3: | That command is not recognized.

3: | This event is an internal s/w error.

3: | ENVIRONMENT:

3: | This event acn be found in RTP and SP products.

3: | HUMAN ACTION:

3: | Customer should contact the installer to get the event tracebacks.

4:	No_Real_Time_Avail	P8 'D'	Trace	TestLog
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4: | CAUSE:

4: | The code is requesting some work be done at fixed intervals,

4: | but the processor is too busy.

4: | Some interrupt task is stalled and not giving up real-time.

4: | May result in dialtone detection or DTMF dialing degradation.

4: | ENVIRONMENT:

4: | Could be caused by DSP failure.

4: | The event involves the RTP (North American products) or

4: | SP (other products).

4: | HUMAN ACTION:

4: | Customer should contact the installer to get the event tracebacks.

5:	Ovflw_10mS_Table	P8 'B'	Trace	TestLog
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5: | CAUSE:

5: | The code is trying to register a procedure to be called every

5: | 10 ms. However, the maximum number of procedures that can be

5: | registered has been reached.

5: | This a software error.

5: | Some timed function such as DT detection of DTMF will not work.

5: | ENVIRONMENT:

5: | The event involves the RTP (North American products) or SP

5: | for all other products.

5: | HUMAN ACTION:

5: | Customer should contact the installer to get the event tracebacks.

6:	Undrflw_10mS_Table	P4 'A'	Trace	TestLog
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6: | CAUSE:

6: | The code is trying to deregister a procedure that was called

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6: | every 10 ms but the procedure was not registered in the first place.
6: | ENVIRONMENT:
6: | This event involves the RTP (North American products) or
6: | the SP for all other products.
6: | HUMAN ACTION:
6: | Customer should contact the installer to get the event tracebacks.
10: full_DSP_msg_tab          P4 'D'          Trace          TestLog
10: | CAUSE:
10: | The code is trying to register a procedure to do DSP work but
10: | the maximum number of procedures has already been reached.
10: | ENVIRONMENT:
10: | The event involves the KSU.
10: | HUMAN ACTION:
10: | Customer should contact the installer to get the event tracebacks.
11: DSP_dwnld_failed          P6 'F'          Trace          TestLog
11: | CAUSE:
11: | The software is trying to download data to the DSP but
11: | is unsuccessful.
11: | ENVIRONMENT:
11: | This event involves the KSU.
11: | HUMAN ACTION:
11: | Customer should contact the installer to replace the KSU and/or
11: | software cartridge. The installer should also get the event
11: | tracebacks.
12: DSP_Tx_Q_invalid          P8 'B'          Trace          TestLog
Restart
12: | CAUSE:
12: | The code is trying to send a message to the DSP but there is no
12: | room in the queue. The parameter of the event specifies the order
12: | of the message in the queue.
12: | ENVIRONMENT:
12: | This event involves the KSU.
12: | HUMAN ACTION:
12: | Replace the KSU.
12: | Customer should contact the installer to get the RTP & SP tracebacks.
13: full_DSP_rst_tab          P4 'A'          Trace          TestLog
13: | CAUSE:
13: | The code is trying to register a procedure to be called
13: | when the DSP resets. However, the maximum number of procedures to be
13: | registered has been reached.
13: | ENVIRONMENT:
13: | This event occurs on KSU.
13: | HUMAN ACTION:
13: | Customer should contact the installer to get the event tracebacks.
14: DSP_ROM_check_failed      P4 'A'          Trace          TestLog
14: | CAUSE:
14: | At the moment of this writing, this event was not being used.
14: | ENVIRONMENT:
14: | None.
14: | HUMAN ACTION:
14: | None.
15: DSP_RAM_check_failed       P4 'A'          Trace          TestLog
15: | CAUSE:
15: | At the moment of this writing, this event was not being used.
15: | ENVIRONMENT:
15: | None.
15: | HUMAN ACTION:

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15: | None.
16: DSP_Vers_Failed          P4 'A'          Trace          TestLog
16: | CAUSE:
16: | The code is trying to find out the version of the DSP but
16: | was unable to.
16: | ENVIRONMENT:
16: | This event occurs on KSU.
16: | HUMAN ACTION:
16: | Customer should contact the installer to get the event tracebacks.
17: DSP_inv_int_state        P4 'A'          Trace          TestLog
17: | CAUSE:
17: | The code is trying to write to the DSP but
17: | the DSP interrupt is enabled.
17: | ENVIRONMENT:
17: | This event occurs on the KSU.
17: | HUMAN ACTION:
17: | Customer should contact the installer to get the event tracebacks.
18: DSP_RMngr_Err            P6 'B'          Trace          TestLog
18: | CAUSE:
18: | parm1= 4 : Msg_Q_Full
18: | DSP message queue (messages to be sent to DSP
18: | firmware) is full. Message not sent may cause
18: | application to timeout waiting for resource.
18: | The user may not have dialtone, busytonei detector,
18: | or DID trunks.
18: | parm1= 10: No_Rst_Ack
18: | DSP reset ack is not received from DSP firmware
18: | after a reset command is sent to the DSP firmware.
18: | Reset command not used currently.
18: | parm1= 11: San_Rpy_Err
18: | A sanity reply message is received from DSP
18: | firmware unexpectedly. User may not notice this.
18: | parm1= 12: Qry_San_Err
18: | Caller of query for DSP sanity specified interrupt
18: | mode which is not supported in DSP driver. User
18: | may not notice unless it continues for 2 times
18: | which the sanity procedure will reset the system.
18: | parm1= 14: UnSupp_PW_Evt
18: | The given DSP request is not supported by the
18: | PollWrite interface.
18: | parm2= <DSP event type>:
18: | parm3= <lower byte of the DSP TN>
18: | parm4= <higher byte of the DSP TN>
18: | parm1= 15: UnSupp_PR_Evt
18: | The given DSP request is not supported by the
18: | PollRead interface.
18: | parm2= <DSP event type>:
18: | parm3= <lower byte of the DSP TN>
18: | parm4= <higher byte of the DSP TN>
18: | parm1= 16: No_CB_Routine
18: | The given DSP request does not provide a callback
18: | routine for PollRead to return the response
18: | parm2= <DSP event type>:
18: | parm3= <lower byte of the DSP TN>
18: | parm4= <higher byte of the DSP TN>
18: | ENVIRONMENT:
18: | This event only happens on 0x32 and Turbo

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18: | HUMAN ACTION:
18: |   Internal software error, get traceback and submit PR
18: |   If this persisted, warm start KSU to restart DSP
19: DSP_Intf_Err          P7 'B'          Trace          TestLog
19: | CAUSE:
19: |   parm1= 6 : Rx_Msg_Invld
19: |   The message received from DSP firmware is invalid
19: |   because it exceeded the maximum length.
19: |   parm1= 7 : Tx_Msg_Invld
19: |   The message to be sent to DSP firmware is not
19: |   on the protocol.
19: |   parm1= 8 : DSP_Tx_Timeout
19: |   Time required to transmit a byte to the DSP has
19: |   exceeded 125us.
19: |   parm1= 9 : DSP_Rx_Timeout
19: |   Time required to receive a byte from the DSP has
19: |   exceeded 125us.
19: |   Any of the above may cause user not to have a
19: |   dialtone, busytone or DID trunk resource OR no dialtone,
19: |   busytone or missing incoming digits.
19: | ENVIRONMENT:
19: |   This event only happens on 0x32 and Turbo
19: | HUMAN ACTION:
19: |   parm1=7 Internal software error, get traceback and submit PR
19: |   parm1=6,8,9 If this persisted, warm start KSU
20: DSP_Rsc_Holdup        P5 'A'          Trace          TestLog
20: | CAUSE:
20: |   A detector is allocated for over 40minutes
20: | ENVIRONMENT:
20: |   This event only happens on 0x32 and Turbo
20: | HUMAN ACTION:
20: |   Get traceback, logger file and submit PR
21: DSP_ERRORS            P4 'C'          Trace          TestLog
21: | CAUSE:
21: |   This event means that the DSP firmware detected error.
21: |   A maximum of 5 bytes could follow. Refer to DSP FW
21: |   detailed design document.
21: |   parm1= 0 : Fifo1_overflow
21: |   The DSP internal FIFO has overflowed.
21: |   parm1= 1 : Invalid_msg
21: |   parm2= {first byte of invalid message received}
21: |   parm3= {length of invalid message received}
21: |   The DSP firmware received an invalid message
21: |   from the system processor.
21: |   Any of the above may cause user not to have a
21: |   dialtone, busytone or DID trunk resource OR no dialtone,
21: |   busytone or missing incoming digits.
21: | ENVIRONMENT:
21: |   This event only happens on 0x32
21: | HUMAN ACTION:
21: |   Get traceback - may indicate problems on the SP side
21: |   May be cleared with warm start
22: DSP_Rsc_Gen_Err       P6 'A'          Trace          TestLog
22: | CAUSE:
22: |   This event is designed for logging the general DSP Resource
22: |   Manager errors when the error source cannot be associated
22: |   with a particular DSP (i.e. multiple DSP system).

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22: | A maximum of 3 bytes could follow. Refer to DSP FW
22: | detailed design document.
22: | parm1= 2 : No_Free_Chann
22: | No free DSP channel can be found for allocation
22: | even though allocation criteria is passed.
22: | parm1= 3 : Rsc_Data_Conflict
22: | parm2= 0 : At_DSP_Conn
22: | DTMF digit interception connection/disconnection
22: | requested on a DTMF receiver not currently
22: | allocated.
22: | parm2= 2 : At_Time_DTMF
22: | DTMF interdigit timing parameter setting requested
22: | on a DTMF receiver not currently allocated.
22: | parm1= 5 : Stim_Q_Full
22: | DSP stimulus queue is full. If the message not sent is
22: | XXX_Conn_Ack : Application may timeout waiting for
22: | resource. User may not have dialtone,
22: | busytone detector or DID trunks.
22: | END_of_Address : Application will probably timeout
22: | itself. User may not notice anything.
22: | XX_Det_Ack : Application may timeout waiting for
22: | tone detection information. User may
22: | not have dialtone, busytone detected.
22: | Incoming Digit : Wrong number
22: | DTMF digit mute ack : Digit regeneration will be
22: | wrong causing double digit
22: | or missed digits.
22: | parm1= 13 : UnKn_DSP_TN
22: | DSP Resource manager receives an error report from an
22: | unknown DSP.
22: | parm2 = <lower byte of the given TN> :
22: | It contains the lower byte of the given DSP TN.
22: | parm3 = <higher byte of the given TN> :
22: | It contains the higher byte of the given DSP TN.
22: | ENVIRONMENT:
22: | This event only happens on 0x32 and Turbo.
22: | HUMAN ACTION:
22: | parm 2, 3 and 5 are internal software error.
22: | Get traceback - may indicate problems on the SP side
22: | May be cleared with warm start
22: | parm 13 can be software error in SP or DSP, get traceback
25: BERT_ERR P5 'B' Trace TestLog
25: | CAUSE:
25: | This event is a general error relating to the Base
25: | portion of the BERT feature. The parameter
25: | indicates the reason for the error. It can
25: | have the following values:
25: | 1 - The BERT mainloop activity was unable to
25: | register with the scheduler.
25: | 2 - The BERT mainloop activity was unable to
25: | deregister with the scheduler.
25: | 3 - The TN passed as a parameter to start or
25: | stop the BERT session was invalid.
25: | 4 - The test type passed as a parameter to
25: | start the BERT session was invalid.
25: | 5 - A request to start BERT was made when the
25: | BERT was already running.

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25: | 6 - An invalid message was received from the
25: | DSP.
25: | ENVIRONMENT:
25: | This event only happens on platforms which support
25: | the BERT feature.
25: | HUMAN ACTION:
25: | The customer should record the event and parameters
25: | and notify the installer.
27: B_QUEUE_FULL P5 'B' Trace TestLog
27: | CAUSE:
27: | This event is a general error for base use to
27: | flag a queue is full situation and busy wait is
27: | not going to be done. So the message will be lost.
27: | The single parameter specifier the base queue ID.
27: | ENVIRONMENT:
27: | This event is intended for development and field
27: | trial use.
27: | HUMAN ACTION:
27: | This customer should record the event and parameters
27: | and notify the installer.
28: FLASHIFERR P5 'B' TestLog
Restart
28: | CAUSE:
28: | This event occurs when the Flash Interface has a
28: | problem critical to its operation. Some examples
28: | are :
28: | - unable to create the pSOS+ queues or create the
28: | Flash Interface pSOS+ task.
28: | - a pSOS+ service call resulted in an error
28: | The ACTION restart is redundant for now since the event
28: | is initiated by a call to softtrap directly.
28: | ENVIRONMENT:
28: | This should only occur on products that support Flash
28: | storage.
28: | HUMAN ACTION:
28: | The customer should notify the installer to retrieve a
28: | traceback/memdump of the event.
29: FMM_INFO_ERR P5 'B' Trace TestLog
29: | CAUSE:
29: | This log event is intended to provide indications of
29: | error situations within the Flash Memory Manager.
29: | The first parameter after the event code indicates the
29: | cause for the event. Subsequent parameters depends on the
29: | cause. The following are the possible causes for the event.
29: | 1 - invalid event for the current state of the SM
29: | 2 - client tried a second write before the first one was
29: | completed
29: | 3 - client tried to terminate an unregistered request
29: | 4 - a NIL write callback was passed in by the client
29: | 5 - unknown message received from the Flash I/F
29: | 6 - valid message but is unexpected
29: | 7 - Flash Address error out of range
29: | 8 - failed to program the Flash ID
29: | 9 - Flash H/W Error when programming or erasing
29: | 10 - Flash I/F S/W error while programming or erasing
29: | 11 - Flash read or write request timed out
29: | 12 - No free request entry

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29: | 13 - dequeuing request failed
29: | 14 - NIL write buffer pointer
29: | 15 - An unexpected alarm report message was received
29: | 16 - Flash Memory Manager Data is bad
29: | 0 - erase variables bad
29: | 1 - link list error
29: | 2 - request data error
29: | 17 - the write size field is negative
29: | 18 - a client has deallocated Flash that was not
29: | allocated
29: | 19 - KSU S/W error
29: | 20 - failed to send requested message to the Flash
29: | Interface
29: | ENVIRONMENT:
29: | The Flash Memory Manager should only be active on products
29: | that support Flash storage.
29: | HUMAN ACTION:
29: | The customer should record the event and parameters and
29: | notify the installer to get the traceback of the event.
30: FMM_FATL_ERR          P5 'B'          TestLog
Restart
30: | CAUSE:
30: | This logevent is used by the Flash Memory Manager for
30: | major problems. In these situations, continuing would be
30: | asking for trouble so this event is raised and the system
30: | restarted. The parameter following the event code indicates
30: | the cause for the event.
30: | 1 - invalid parameter(s) passed in
30: | 2 - unable to get the system H/W ID
30: | 3 - scheduling an activity failed
30: | ENVIRONMENT:
30: | This event should only occur if the Flash Memory Manager is
30: | active in given product, i.e. Flash storage is supported.
30: | HUMAN ACTION:
30: | The customer should notify the installer to get the traceback
30: | of the event.
101: ST_BAD_WP_BOUNDARY   P8 'A'          TestLog
Restart
101: | CAUSE:
101: | At the moment of this writing, this event was not being used.
101: | ENVIRONMENT:
101: | None.
101: | HUMAN ACTION:
101: | None.
102: ST_BAD_ALLOC_SIZE     P8 'B'          TestLog
Restart
102: | CAUSE:
102: | The code is trying to allocate 0 byte, a negative amount,
102: | or too much memory.
102: | ENVIRONMENT:
102: | This error occurs on the KSU.
102: | HUMAN ACTION:
102: | Customer should contact the installer to get the traceback.
103: ST_BAD_NVRAM_ADDR     P8 'B'          TestLog
Restart
103: | CAUSE:
103: | The code is trying to allocate or deallocate memory at an

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103: | an address that falls outside of the NVRAM address space.
103: | ENVIRONMENT:
103: | This error occurs on the KSU.
103: | HUMAN ACTION:
103: | Customer should contact the installer to get the traceback.
104: ST_OUT_OF_RAM P8 'B' TestLog
Restart
104: | CAUSE:
104: | The code is trying to allocate more RAM than is available.
104: | ENVIRONMENT:
104: | This event occurs on the KSU.
104: | HUMAN ACTION:
104: | Customer should contact the installer to get the traceback.
105: ST_OUT_OF_NVRAM P8 'B' TestLog
Restart
105: | CAUSE:
105: | The code is trying to allocate more NVRAM than is available.
105: | ENVIRONMENT:
105: | This event occurs on the KSU.
105: | HUMAN ACTION:
105: | Customer should contact the installer to get the traceback.
106: ST_NO_ROOM_FOR_TIMER P8 'B' TestLog
Restart
106: | CAUSE:
106: | The application layer is trying to register more timer entry point
106: | than it had defined with DefineMaxTimers.
106: | ENVIRONMENT:
106: | This event occurs on the KSU.
106: | HUMAN ACTION:
106: | Customer should contact the installer to get the traceback.
107: TIMER_TABLE_INITIALIZED P4 'A' Trace TestLog
107: | CAUSE:
107: | The code is attempting to reset the various limits related to timing.
107: | These limits are set only at system initialization.
107: | Trying to declare the number of timer entry point more than once.
107: | ENVIRONMENT:
107: | The event occurs on the KSU. This event only indicates an attempt was
107: | made to reset the limits but the limits remain unchanged.
107: | HUMAN ACTION:
107: | Customer should contact the installer to get the SP event tracebacks.
108: ST_TABLE_NOT_INITIALIZED P8 'B' TestLog
Restart
108: | CAUSE:
108: | The code is trying to define a timeout entry point before calling
108: | DefineMaxTimers.
108: | ENVIRONMENT:
108: | The event occurs on the KSU.
108: | HUMAN ACTION:
108: | Customer should contact the installer to get the SP event tracebacks.
109: ST_NIL_PROC_VAR P8 'B' TestLog
Restart
109: | CAUSE:
109: | The code is trying to register a NIL procvar with a timer group.
109: | indicated by a NIL procvar parameter.
109: | ENVIRONMENT:
109: | The event comes from the KSU.
109: | HUMAN ACTION:

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109: | Customer should contact the installer to get the traceback.
110: ST_ID_TOO_LARGE          P8 'B'          TestLog
Restart
110: | CAUSE:
110: | The code is attempting to define a maximum timer ID greater than the
110: | system's absolute maximum timer ID.
110: | ENVIRONMENT:
110: | The event occurs on the KSU.
110: | HUMAN ACTION:
110: | Customer should contact the installer to get the traceback.
111: ST_BAD_TIMER_ID          P8 'B'          TestLog
Restart
111: | CAUSE:
111: | The code is trying to do an operation on an invalid timer ID.
111: | ENVIRONMENT:
111: | The event occurs on the KSU.
111: | HUMAN ACTION:
111: | Customer should contact the installer to get the traceback.
112: ST_TIMER_ALREADY_MAPPED  P8 'B'          TestLog
Restart
112: | CAUSE:
112: | The code is trying to associate a procedure with a specific
112: | timer ID but some other procedure is already associated with that
112: | timer ID.
112: | ENVIRONMENT:
112: | The event occurs on the KSU.
112: | HUMAN ACTION:
112: | Customer should contact the installer to get the traceback.
113: BAD_ACT_TIMER_INDEX      P4 'A'          Trace    TestLog
113: | CAUSE:
113: | The code is using an invalid timer, i.e. the timer index is out
113: | or range.
113: | ENVIRONMENT:
113: | The event occurs on the KSU.
113: | HUMAN ACTION:
113: | Customer should contact the installer to get the SP event tracebacks.
114: ST_RTP_RESET             P8 'B'          TestLog
Restart
114: | CAUSE:
114: | The RTP is resetting.
114: | ENVIRONMENT:
114: | This is happening on products equipped with a RTP only.
114: | HUMAN ACTION:
114: | Customer should contact the installer to get the RTP & SP tracebacks.
115: ST_BAD_TN                 P8 'B'          TestLog
Restart
115: | CAUSE:
115: | The application layer is using an invalid TN.
115: | ENVIRONMENT:
115: | This is related to a device plugged into the KSU.
115: | HUMAN ACTION:
115: | Customer should contact the installer to get the SP tracebacks
115: | and peripheral configuration.
116: ST_BAD_INDEX              P8 'B'          TestLog
Restart
116: | CAUSE:
116: | The code is using an invalid port index.

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116: | ENVIRONMENT:
116: | This is related to a device plugged into the KSU.
116: | HUMAN ACTION:
116: | Customer should contact the installer to get the SP tracebacks
116: | and peripheral configuration.
117: FULL_REP_TAB          P4 'A'          Trace          TestLog
117: | CAUSE:
117: | The code is trying to register a reply procedure for when the RTP
117: | replies with the information requested. However, the reply proci table
117: | is full so the current registration fails.
117: | ENVIRONMENT:
117: | The event occurs on the RTP.
117: | HUMAN ACTION:
117: | Customer should contact the installer to get the SP event tracebacks.
118: ST_BAD_QUEUEING      P8 'B'          TestLog
Restart
118: | CAUSE:
118: | Occurs when enqueueing/dequeueing a message. The message is either
118: | bigger than the amount of memory allocated for an element in the
118: | queue or the message is different from when the message was
118: | en/dequeue_Please to en/dequeue_ThankYou.
118: | ENVIRONMENT:
118: | The event occurs on the KSU.
118: | HUMAN ACTION:
118: | Customer should contact the installer to get the SP tracebacks.
119: ST_Q_INIT_TWICE      P8 'B'          TestLog
Restart
119: | CAUSE:
119: | The application layer is trying to initialize the queues again.
119: | ENVIRONMENT:
119: | The event is happening on the KSU.
119: | HUMAN ACTION:
119: | Customer should contact the installer to get the SP tracebacks.
120: MSG_TOO_LONG         P8 'B'          TestLog
Restart
120: | CAUSE:
120: | The code is attempting to send a message that is bigger than the
120: | maximum message size for the queue.
120: | ENVIRONMENT:
120: | This event occurs on the KSU.
120: | HUMAN ACTION:
120: | Customer should contact the installer to get the SP tracebacks.
121: Q_NOT_INITIALIZED     P4 'A'          Trace          TestLog
121: | CAUSE:
121: | The code is trying to enqueue a message in an uninitialized queue.
121: | ENVIRONMENT:
121: | This event occurs on the KSU.
121: | HUMAN ACTION:
121: | Customer should contact the installer to get the SP event tracebacks.
122: Q_INCONSISTENT        P4 'A'          Trace          TestLog
122: | CAUSE:
122: | The code is trying to en/dequeue a message. The following will cause
122: | this event :
122: | - doing an en/dequeue_Please followed by another en/dequeue_Please
122: | - doing an en/dequeue_ThankYou without having done an
122: | en/dequeue_Please
122: | - the message has a length of zero

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122: | - the queue ID is invalid or out of range
122: | ENVIRONMENT:
122: | This event occurs on the KSU.
122: | HUMAN ACTION:
122: | Customer should contact the installer to get the SP event tracebacks.
123: Q_INIT_TWICE                P4 'A'                Trace                TestLog
123: | CAUSE:
123: | The code is trying to initialize the queue again.
123: | ENVIRONMENT:
123: | The event occurs on the KSU.
123: | HUMAN ACTION:
123: | Customer should contact the installer to get the SP event tracebacks.
124: ST_BAD_LINENUM              P8 'B'                TestLog
Restart
124: | CAUSE:
124: | The code is trying to use an invalid line number.
124: | ENVIRONMENT:
124: | The event is happening on the KSU and is related to
124: | line & trunk software.
124: | HUMAN ACTION:
124: | Customer should contact the installer to get the SP & RTP tracebacks.
125: ST_BAD_SETNUM                P8 'B'                TestLog
Restart
125: | CAUSE:
125: | The code is trying to use an invalid set number.
125: | ENVIRONMENT:
125: | The event is happening on the KSU and is related to
125: | set software.
125: | HUMAN ACTION:
125: | Customer should contact the installer to get the SP & RTP tracebacks.
126: INVALID_TONE                 P4 'A'                Trace                TestLog
126: | CAUSE:
126: | The code is trying to use an invalid tone on a core trunk.
126: | ENVIRONMENT:
126: | This event is happening on the core trunks.
126: | HUMAN ACTION:
126: | Customer should contact the installer to get the SP event tracebacks.
127: BADStimMsgProc                P4 'A'                Trace                TestLog
127: | CAUSE:
127: | The software is trying to define a stimulus message handler
127: | to an entity type which is not in the stimulus range.
127: | ENVIRONMENT:
127: | The event is happening on the KSU.
127: | HUMAN ACTION:
127: | Customer should contact the installer to get the SP event tracebacks.
128: BadLADRoute                   P4 'A'                Trace                TestLog
128: | CAUSE:
128: | An application entity is trying to define a LAD against
128: | an entity type which has no procedure bound to it.
128: | ENVIRONMENT:
128: | The error occurs on the KSU.
128: | HUMAN ACTION:
128: | Customer should contact the installer to get the SP event tracebacks.
129: BadRefRoute                    P4 'A'                Trace                TestLog
129: | CAUSE:
129: | An application entity is trying to define a REF against
129: | an entity type which has no procedure bound to it.

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129: | ENVIRONMENT:
129: | The error occurs on the KSU.
129: | HUMAN ACTION:
129: | Customer should contact the installer to get the SP event tracebacks.
130: ST_NoFmMsgInterp          P8 'B'          TestLog
Restart
130: | CAUSE:
130: | The application layer has not registered a FUMP message
130: | interpreter.
130: | ENVIRONMENT:
130: | The event is happening in the KSU.
130: | HUMAN ACTION:
130: | Customer should contact the installer to get the SP tracebacks.
131: RedefineMsgInterp          P4 'A'          Trace          TestLog
131: | CAUSE:
131: | The code is trying to register another procedure for FUMP
131: | interpretation.
131: | ENVIRONMENT:
131: | The event is happening on the KSU.
131: | HUMAN ACTION:
131: | Customer should contact the installer to get the SP event tracebacks.
132: BadMonitorLADs             P4 'A'          Trace          TestLog
132: | CAUSE:
132: | The specification of the LAD range to be monitored is invalid.
132: | ENVIRONMENT:
132: | The event occurs on the KSU.
132: | HUMAN ACTION:
132: | Customer should contact the installer to get the SP event tracebacks.
133: ST_StimMsgBad              P8 'B'          TestLog
Restart
133: | CAUSE:
133: | A stimulus message is received by an entity but no stimulus message
133: | handler has been registered for the given entity type.
133: | ENVIRONMENT:
133: | The event occurs on the KSU.
133: | HUMAN ACTION:
133: | Customer should contact the installer to get the SP event tracebacks.
134: ST_FuncMsgBad              P8 'B'          Trace          TestLog
134: | CAUSE:
134: | A functional message is received by an entity but no functional
134: | message handler has been registered for the given entity type.
134: | Parameter 1 is the functional message handler identifier.
134: | ENVIRONMENT:
134: | The event occurs on the KSU.
134: | HUMAN ACTION:
134: | Customer should contact the installer to get the SP tracebacks.
135: BadStnX                    P4 'A'          Trace          TestLog
135: | CAUSE:
135: | The code is trying to use an invalid station ID.
135: | ENVIRONMENT:
135: | The event occurs on the KSU and related to FUMP messaging.
135: | HUMAN ACTION:
135: | Customer should contact the installer to get the SP event tracebacks.
136: BadMsgTN                    P4 'A'          Trace          TestLog
136: | CAUSE:
136: | The code is trying to use an invalid TN on a message.
136: | ENVIRONMENT:

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136: | The event is happening on the KSU.
136: | HUMAN ACTION:
136: | Customer should contact the installer to get the SP event tracebacks.
137: ST_Timer_Q_Corrupt          P8 'B'          TestLog
Restart
137: | CAUSE:
137: | This event occurs when :
137: | - trying to start a timer that is still running
137: | - trying to cancel a timer that is not running
137: | ENVIRONMENT:
137: | The event occurs on the KSU.
137: | HUMAN ACTION:
137: | Customer should contact the installer to get the SP tracebacks.
138: INvalid_Delay_Time          P4 'A'          Trace          TestLog
138: | CAUSE:
138: | The timer being set has delay time set to 0
138: | ENVIRONMENT:
138: | The event occurs on the KSU.
138: | HUMAN ACTION:
138: | Customer should contact the installer to get the SP tracebacks.
139: TS_Timer_Violtn              P4 'A'          Trace          TestLog
139: | CAUSE:
139: | The timeout procedure has been running for too long and
139: | barely avoided a watchdog timeout.
139: | ENVIRONMENT:
139: | The event occurs on the KSU.
139: | HUMAN ACTION:
139: | Customer should contact the installer to get the SP event tracebacks.
140: TS_Router_Violtn              P4 'A'          Trace          TestLog
140: | CAUSE:
140: | The timeout procedure has been running for too long and
140: | barely avoided a watchdog timeout.
140: | ENVIRONMENT:
140: | The event occurs on the KSU.
140: | HUMAN ACTION:
140: | Customer should contact the installer to get the SP event tracebacks.
141: TS_ForeGnd_Violtn             P4 'A'          Trace          TestLog
141: | CAUSE:
141: | The timeout procedure has been running for too long and
141: | barely avoided a watchdog timeout.
141: | ENVIRONMENT:
141: | The event occurs on the KSU.
141: | HUMAN ACTION:
141: | Customer should contact the installer to get the SP event tracebacks.
142: TS_Reply_Violtn               P4 'A'          Trace          TestLog
142: | CAUSE:
142: | The timeout procedure has been running for too long and
142: | barely avoided a watchdog timeout.
142: | ENVIRONMENT:
142: | The event occurs on the KSU.
142: | HUMAN ACTION:
142: | Customer should contact the installer to get the SP event tracebacks.
143: TS_BackGnd_Violtn             P4 'A'          Trace          TestLog
143: | CAUSE:
143: | The timeout procedure has been running for too long and
143: | barely avoided a watchdog timeout.
143: | ENVIRONMENT:

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143: | The event occurs on the KSU.
143: | HUMAN ACTION:
143: | Customer should contact the installer to get the SP event tracebacks.
144: Out_of_Range_Data          P4 'A'          Trace          TestLog
144: | CAUSE:
144: | Cannot understand the configuration of the system.
144: | ENVIRONMENT:
144: | The event occurs on the KSU.
144: | HUMAN ACTION:
144: | Customer should contact the installer to replace the
144: | expansion cartridge.
145: Zero_len_Msg                P4 'A'          Trace          TestLog
145: | CAUSE:
145: | Trying to send a message that has length 0
145: | ENVIRONMENT:
145: | The event occurs on the KSU.
145: | HUMAN ACTION:
145: | Customer should contact the installer to get the SP event tracebacks.
146: Ftn_Not_Avail               P4 'A'          Trace          TestLog
146: | CAUSE:
146: | At the moment of this writing, the event was not being used.
146: | ENVIRONMENT:
146: | None.
146: | HUMAN ACTION:
146: | None.
147: Inv_Routine_Called          P4 'A'          Trace          TestLog
147: | CAUSE:
147: | Want to send a CP_GO to the trunk cartridge but the trunk is
147: | on core instead of off core.
147: | ENVIRONMENT:
147: | The event occurs on the core trunks.
147: | HUMAN ACTION:
147: | Customer should contact the installer to get the SP event tracebacks.
148: Inv_Length_Parm             P4 'A'          Trace          TestLog
148: | CAUSE:
148: | The application layer is trying to define a bad value for the
148: | max D channel message size.
148: | ENVIRONMENT:
148: | The event occurs on the KSU.
148: | HUMAN ACTION:
148: | Customer should contact the installer to get the SP event tracebacks.
149: Inv_DTMF_Parms              P4 'A'          Trace          TestLog
149: | CAUSE:
149: | The code is trying to set invalid DTMF dialing parameters.
149: | ENVIRONMENT:
149: | The event occurs on the KSU.
149: | HUMAN ACTION:
149: | Customer should contact the installer to get the SP event tracebacks.
150: No_digits_to_dial           P4 'A'          Trace          TestLog
150: | CAUSE:
150: | The code is trying to dial either only invalid DTMF digit(s) or no
150: | digits at all.
150: | ENVIRONMENT:
150: | The error occurs on the KSU.
150: | HUMAN ACTION:
150: | Customer should contact the installer to get the SP event tracebacks.
151: INV_BASE_IF_PARM            P4 'A'          Trace          TestLog

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151: | CAUSE:
151: |   This is a generic event used to signal that a
151: |   procedure received an invalid parameter.
151: | ENVIRONMENT:
151: |   Found in both lab and rom.
151: | HUMAN ACTION:
151: |   Customer should contact the installer to get the SP event tracebacks.
152: Unsupp_rtn_called          P6 'A'          Trace          TestLog
152: | CAUSE:
152: |   The code is calling a routine that is not supported
152: |   either in the current load or the KSU.
152: | ENVIRONMENT:
152: |   The error occurs on the KSU.
152: | HUMAN ACTION:
152: |   Customer should contact the installer to get the SP event tracebacks.
160: PCM_Mode_Not_Supported     P8 'A'          Trace          TestLog
160: | CAUSE:
160: |   The code is trying to program an invalid PCM mode in the A08
160: | ENVIRONMENT:
160: |   The event only occurs on North American products equipped with
160: |   with an RTP or on North American Compact systems.
160: | HUMAN ACTION:
160: |   Customer should contact the installer to get the SP event tracebacks.
161: UnSupp_Conn_Parm           P4 'A'          Trace          TestLog
161: | CAUSE:
161: |   The code is trying to set illegal parameters for a connection.
161: | ENVIRONMENT:
161: |   The event occurs on the KSU.
161: | HUMAN ACTION:
161: |   Customer should contact the installer to get the SP event tracebacks.
162: Bad_Conf_Address           P8 'A'          Trace          TestLog
162: | CAUSE:
162: |   Trying to perform a conference function but one or more of the
162: |   parameters passed related to the conference address is/are out of
162: |   range.
162: | ENVIRONMENT:
162: |   The event occurs on the KSU during a conference.
162: | HUMAN ACTION:
162: |   Customer should contact the installer to get the SP event tracebacks.
163: Inv_Cfg_Trk                P4 'A'          Trace          TestLog
163: | CAUSE:
163: |   When attempting to configure some operating parameters
163: |   on the trunk hardware a number of parameters where
163: |   either not recognized or badly formatted.
163: | ENVIRONMENT:
163: |   Trunks that are configured using this method include
163: |   E&M/DTMF TC, AC-15, LEC TC and P9 Analog and Digital
163: |   Trunks. Since the operating parameters have not been
163: |   correctly with the network.
163: | HUMAN ACTION:
163: |   Attempt to reset the trunk cartridge through
163: |   maintenance if the problem persists contact BNR.
164: Bad_DTMF_Dig_Muting         P3 'A'          Trace          TestLog
164: | CAUSE:
164: |   A request is made to turn digit muting on/off on
164: |   a TN that is a core CO instead of a trunk cartridge TN.
164: | ENVIRONMENT:

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164: | should only happen during development cycle
164: | HUMAN ACTION:
164: | None. Designer should investigate TN consistency with
164: | the type of request that was made.
165: On_Core_DID_Call          P3 'A'          Trace          TestLog
165: | CAUSE:
165: | Proceed to send and Number Received signaling protocol not supported
165: | on on-core trunks.
165: | ENVIRONMENT:
165: | Any system with core trunks.
165: | HUMAN ACTION:
165: | None.
166: On_Core_PPM_Invalid      P3 'B'          Trace          TestLog
166: | CAUSE:
166: | An attempt to read or clear the pulse meter was
166: | attempted for a core trunk.
166: | ENVIRONMENT:
166: | Any system with core trunks.
166: | HUMAN ACTION:
166: | None.
170: DTD_out_of_sync          P8 'A'          Trace          TestLog
170: | CAUSE:
170: | The dial tone detector has an invalid condition.
170: | The parameter contains the TN of the CO.
170: | ENVIRONMENT:
170: | The event occurs on Compact KSUs.
170: | HUMAN ACTION:
170: | Customer should contact the installer to get the SP event tracebacks.
171: fail_DTD_test            P8 'F'          TestLog
ET
171: | CAUSE:
171: | The Dial Tone Detector (DTD) has failed its self test.
171: | ENVIRONMENT:
171: | The Emergency Transfer (ET) relay(s) have been activated.
171: | If the Dial Tone Detector has failed then outgoing calls will not
171: | be possible except from the Emergency phone(s), incoming calls
171: | will still function except the trunks connected to the ET relay
171: | will alert at the Emergency phones.
171: | HUMAN ACTION:
171: | The Emergency Transfer relay(s) can be deactivated by performing
171: | a warm start.
172: Rtr_Lim_Undef            P4 'B'          Trace          TestLog
172: | CAUSE:
172: | The message routing capability of the base software
172: | layer must be initialized by the application layer
172: | when the system boots. This logevent occurs as a
172: | result of attempting to route a message (stim or fump)
172: | before these operating parameters are set.
172: | ENVIRONMENT:
172: | This capability was introduced in MNA DR4 and is
172: | present in all products which used MNA DR4 as a base.
172: | The severity of this is high since it indicates a
172: | message that wished to be routed has been ignored.
172: | HUMAN ACTION:
172: | None.
173: ReDef_Rtr_Limits         P4 'A'          Trace          TestLog
173: | CAUSE:

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173: | The message routing capability of the base software
173: | layer must be initialized by the application layer
173: | when the system boots. This logevent occurs as a
173: | result of the router operating parameters being
173: | set more than once.
173: | ENVIRONMENT:
173: | This capability was introduced in MNA DR4 and is
173: | present in all products which used MNA DR4 as a base.
173: | The severity is high since it indicates that the
173: | software is attempting to redefine the router operating
173: | parameters. These new parameters are ignored and the
173: | old parameters are used.
173: | HUMAN ACTION:
173: | None.
174: Oflow_parm_array          P4 'A'          Trace          TestLog
174: | CAUSE:
174: | Trying to copy too many parameters.
174: | ENVIRONMENT:
174: | This is happening in the context of swami.
174: | HUMAN ACTION:
174: | None.
175: InvD64Event                P4 'A'          Trace          TestLog
175: | CAUSE:
175: | At the moment of this writing, this event was not being used.
175: | ENVIRONMENT:
175: | None.
175: | HUMAN ACTION:
175: | None.
176: NoD64CmdHdlr               P4 'B'          TestLog
176: | CAUSE:
176: | Attempting to use an D64 message agent instance which
176: | has not been allocated properly.
176: | ENVIRONMENT:
176: | D64 functionality only present in 0x32 Digital
176: | trunking products.
176: | HUMAN ACTION:
176: | None.
177: NoD64IntHdlr               P4 'B'          TestLog
177: | CAUSE:
177: | Attempting to use an D64 message agent instance
177: | from interrupt level which is not currently
177: | operational.
177: | ENVIRONMENT:
177: | D64 functionality only present in 0x32 Digital
177: | trunking products. This is possible if memory
177: | corruption and spurious interrupts occur to confuse
177: | the message agent.
177: | HUMAN ACTION:
177: | None.
178: BadD64EntType              P4 'A'          TestLog
178: | CAUSE:
178: | An invalid entity type has been used to try and
178: | define a D64 Message Handler.
178: | ENVIRONMENT:
178: | D64 functionality only present in 0x32 digital
178: | products.
178: | HUMAN ACTION:

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178: | None.
179: BadD64TNRange          P4 'A'          Trace          TestLog
179: | CAUSE:
179: | Attempting to associate a D64 channel with an
179: | invalid TN range (i.e. HighTNIdx < LowTNIdx)
179: | ENVIRONMENT:
179: | D64 functionality only present in 0x32 digital
179: | products.
179: | HUMAN ACTION:
179: | None.
180: Tns_Dnld_Error          P7 'C'          Trace          TestLog
180: | CAUSE:
180: | Tones download failed.
180: | ENVIRONMENT:
180: | Occurs on P9 KSU with N15 N15 has a tones device
180: | which requires a download at system initialization
180: | time.
180: | HUMAN ACTION:
180: | 1) Lab use: Ensure that 68302 is tightly fitted
180: | on the board and restart. If this does not solve
180: | the problem, report Traceback.
180: | 2) Installer, Customer: Report the occurrence and
180: | Traceback information. Attempt to Restart KSU.
181: DSP_Dnld_Error          P7 'C'          Trace          TestLog
181: | CAUSE:
181: | Dsp download failed.
181: | ENVIRONMENT:
181: | 1) Occurs on P9 KSU with N15 N15 has a dsp device
181: | which requires a download at system initialization
181: | time.
181: | 2) Occurs on a Turbo 0x32 KSU with Service Card
181: | containing an N15 N15 has a dsp device which
181: | requires a download at system initialization time.
181: | HUMAN ACTION:
181: | Installer, Customer: Report the occurrence and
181: | Traceback information. Attempt to Restart KSU.
182: OutOfTimers             P7 'A'          TestLog
182: | CAUSE:
182: | The code is trying to set a new timer but there is none available.
182: | ENVIRONMENT:
182: | The event occurs on the KSU.
182: | HUMAN ACTION:
182: | None.
183: AuditDSPError           P4 'C'          Trace          TestLog
183: | CAUSE:
183: | DSP device in N15 has gone insane. System
183: | will behave in an unpredictable manner.
183: | Could also be a software problem if the
183: | DSP Interrupt communication interface is
183: | too busy.
183: | ENVIRONMENT:
183: | Occurs on P9 KSU with N15 N15 has
183: | a dsp device which requires a
183: | download at system initialization
183: | time.
183: | HUMAN ACTION:
183: | Beware of dial tone detection on outgoing CO calls

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183: | and tone detection on DID calls not working or
183: | behaving unpredictably because DSP device on board
183: | has failed sanity check.
184: InvIncoMsg          P9 'B'          Trace          TestLog
184: | CAUSE:
184: | A message is received by the KSU over the D64
184: | channel, with an invalid message length. This
184: | situation has been seen to have happened
184: | rarely when the system is very busy.
184: | ENVIRONMENT:
184: | Occurs in P9 KSU with DTI cartridge only.
184: | Communication is over D64 channel.
184: | HUMAN ACTION:
184: | Copy down the parameters (which are the
184: | contents of culprit message) and traceback
184: | and report them.
185: Reg_Error           P9 'B'          Trace          TestLog Alarm:69
185: | CAUSE:
185: | Data images attempting to register with
185: | the Registrar in the BASE.
185: | Types: 1 Already Registered, 2. Image tree full,
185: | and 3 Image not in load.
185: | ENVIRONMENT:
185: | These are s/w load errors.
185: | HUMAN ACTION:
185: | Replace software.
186: Sched_Error         P7 'B'          Trace          TestLog
186: | CAUSE:
186: | 1 Scheduler S/W error
186: | 2 Scheduler's client S/W error
186: | 3 Running of the time slices in the Scheduler to schedule task
186: | ENVIRONMENT:
186: | These are s/w load errors.
186: | HUMAN ACTION:
186: | Replace software.
187: EC_IN_WRONG_SLOT    P4 'F'          TestLog Alarm:64
187: | CAUSE:
187: | Expansion cartridge plugged into the wrong slot.
187: | ENVIRONMENT:
187: | Introduced to Turbo KSU
187: | HUMAN ACTION:
187: | If expansion ports are desired, remove
187: | expansion cartridge from the one slot
187: | and plug into the other slot.
188: CMA_ERROR           P8 'C'          Trace
Restart
188: | CAUSE:
188: | 1) Software error in the core_magent unit.
188: | 2) Invalid timeslot in message header.
188: | 3) No response from core controller hardware.
188: | ENVIRONMENT:
188: | Occurs on the 0x32 Turbo KSU only.
188: | HUMAN ACTION:
188: | Record the parameters and the traceback
188: | and report the error.
189: CORE_ERROR          P9 'C'
Restart

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189: | CAUSE:
189: |   Error in DSP firmware. May also indicate a
189: |   DSP hardware failure.
189: | ENVIRONMENT:
189: |   Occurs on the 0x32 Turbo KSU only.
189: | HUMAN ACTION:
189: |   Record the parameter and report the error.
190: CCI_RTR_ERROR          P5 'D'          Trace          TestLog
190: | CAUSE:
190: |   Corruption of data between Core Controller and
190: |   the CCI interface software.
190: | ENVIRONMENT:
190: |   Occurs on the 0x32 Turbo KSU only.
190: | HUMAN ACTION:
190: |   Record the parameter and report the error.
191: ERR_CORE_DNLD_ERROR    P7 'C'          Trace          TestLog
191: | CAUSE:
191: |   Core download failed.
191: | ENVIRONMENT:
191: |   Occurs on a Turbo 0x32 KSU with a core controller
191: |   which requires a download at system initialization
191: |   time.
191: | HUMAN ACTION:
191: |   Installer, Customer: Report the occurrence and
191: |   Traceback information. Attempt to Restart KSU.
192: CB_TBL_FULL            P5 'C'          Trace          TestLog
192: | CAUSE:
192: |   Too many IVD read requests are outstanding.
192: | ENVIRONMENT:
192: |   Occurs on a Turbo 0x32 KSU.
192: | HUMAN ACTION:
192: |   Installer, Customer: Report the occurrence and
192: |   Traceback information. Restart KSU.
193: CORE_SW_ERROR          P5 'A'          Trace          TestLog
193: | CAUSE:
193: |   This logevent is generated when an asynchronous
193: |   error message is received from the Core Controller
193: |   hardware. The error type is recorded in the first
193: |   parameter as follows:
193: |   0) Error Parameter Out of Range - The parameter
193: |   in the message was not recognized.
193: |   1) Invalid TN - bad TN in header of message sent
193: |   to the core controller.
193: |   2) Invalid Command - a bad command was sent by the
193: |   message agent.
193: |   3) Queue Overflow - the core controller ran out of
193: |   message queue space.
193: |   4) Enable DSP - the core controller received a
193: |   request to enable a DSP that does not exist.
193: |   5) Turbo: DSP D-ch Overflow - the core controller
193: |   received a very long message from a DSP on the
193: |   Services Card. May indicate the Services Card
193: |   is faulty.
193: |   Spectra: Asynchronous Error - the DSP has run
193: |   out of real-time. May indicate a problem with
193: |   the DSP Resource Manager.
193: | ENVIRONMENT:

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193: |   Occurs on a Turbo 0x32 or Spectra KSU.
193: | HUMAN ACTION:
193: |   Record the traceback and report the error. If
193: |   the parameter is 4 or 5 on a Turbo platform, try
193: |   reseating/replacing the Service Card.
194: OS_Fatal_Error          P9 'B'          Trace          TestLog
Restart
194: | CAUSE:
194: |   The KSU operating system software has returned an
194: |   error code. This event indicates an error in the
194: |   KSU software.
194: | ENVIRONMENT:
194: |   The error occurs on the KSU.
194: | HUMAN ACTION:
194: |   Record the traceback and event parameters and
194: |   report the error.
195: EC_CFG_INVALID          P9 'F'          TestLog Alarm:60
195: | CAUSE:
195: |   Expansion cartridge plugged into the wrong slot.
195: | ENVIRONMENT:
195: |   Introduced to Turbo KSU for MegaICS
195: | HUMAN ACTION:
195: |   There is expansion cartridge configuration
195: |   that is not supported by MegaICS, eg, MAXI_6_2
195: |   Check your expansion cartridge configuration.
196: MdmSessErr              P4 'A'          Trace          TestLog
196: | CAUSE:
196: |   Software Error
196: | ENVIRONMENT:
196: |   Any platform with an integrated modem, introduced for Spectra
196: | HUMAN ACTION:
196: |   Report traceback
197: PlayRecError            P3 'A'          TestLog
197: | CAUSE:
197: |   Slow system operation or software error.
197: | ENVIRONMENT:
197: |   Any platform with play/record capability on core
197: | HUMAN ACTION:
197: |   NO_PARMS.
198: MLPDet_NOT_SCHEDULED    P9 'A'          TestLog
Restart
198: | CAUSE:
198: |   The mainloop activity responsible for delaying
198: |   the system until the Core Controller replies
198: |   to the query Expansion Cartridge message.
198: | ENVIRONMENT:
198: |   This event can only occur on the Spectra platform.
198: | HUMAN ACTION:
198: |   Report traceback
199: ECDetErr                 P1 'E'          TestLog
Restart
199: | CAUSE:
199: |   The expansion cartridge has been added or
199: |   removed since the last power-up.
199: | ENVIRONMENT:
199: |   This event can only occur on the Spectra platform.
199: | HUMAN ACTION:

```

```

199: | This is only an information event. No actions
199: | are necessary.
200: Inv_Msg_Rx                P4 'A'
200: | CAUSE:
200: | The command type of the FUMP message is invalid in the
200: | current context.
200: | ENVIRONMENT:
200: | The event occurs on the KSU.
200: | HUMAN ACTION:
200: | None.
201: Inv_Msg_Call              P4 'A'          Trace          TestLog
201: | CAUSE:
201: | The code should be dealing with a maintenance message but it
201: | is not.
201: | ENVIRONMENT:
201: | The event occurs on the KSU.
201: | HUMAN ACTION:
201: | Customer should contact the installer to get the SP event tracebacks.
202: Inv_Err_No                P4 'A'          Trace          TestLog
202: | CAUSE:
202: | The event specifies, as a parm_type, a type that is not
202: | recognized by the software.
202: | The error number is not in the table.
202: | PARM_TYPE contains the event number.
202: | ENVIRONMENT:
202: | The event occurs on the KSU.
202: | The error occurs on the KSU.
202: | HUMAN ACTION:
202: | Customer should contact the installer to get the SP event tracebacks.
204: Inv_Err_Alrm_No          P4 'A'          Trace          TestLog
204: | CAUSE:
204: | The code is dealing with an alarm number that is not
204: | found in the alarm table.
204: | ENVIRONMENT:
204: | The event occurs on the KSU.
204: | HUMAN ACTION:
204: | Customer should contact the installer to get the SP event tracebacks.
205: Too_Many_Parms            P4 'A'          Trace          TestLog
205: | CAUSE:
205: | The event has too many parameters associated with it.
205: | ENVIRONMENT:
205: | The event occurs on the KSU.
205: | HUMAN ACTION:
205: | Customer should contact the installer to get the SP event tracebacks.
206: Inv_Sess_Input            P4 'A'          Trace          TestLog
206: | CAUSE:
206: | Invalid input for the current state of the
206: | maintenance session state machine.
206: | ENVIRONMENT:
206: | The event occurs on the KSU.
206: | HUMAN ACTION:
206: | Customer should contact the installer to get the SP event tracebacks.
207: Inv_Tmr_Call              P4 'A'          Trace          TestLog
207: | CAUSE:
207: | A maintenance timer has expired but its ID is invalid
207: | for the current context.
207: | ENVIRONMENT:

```

```

207: | The event occurs on the KSU.
207: | HUMAN ACTION:
207: | Customer should contact the installer to get the SP event tracebacks.
208: Inv_Change_State          P4 'A'          Trace          TestLog
208: | CAUSE:
208: | The input into the channel state machine is invalid for the current
208: | state.
208: | ENVIRONMENT:
208: | The event occurs on the KSU.
208: | HUMAN ACTION:
208: | Customer should contact the installer to get the SP event tracebacks.
209: MNTC_SW_Error             P4 'A'          Trace          TestLog
209: | CAUSE:
209: | An unexpected condition was detected by the maintenance software.
209: | ENVIRONMENT:
209: | The event occurs on the KSU.
209: | HUMAN ACTION:
209: | Customer should contact the installer to get the SP event tracebacks.
210: Test_Started               P4 'E'          TestLog
210: | CAUSE:
210: | The user is starting a maintenance test.
210: | PARM 0-1: test no PARM 2-3: req. DN PARM 4: delimiter.
210: | ENVIRONMENT:
210: | The event occurs on the KSU.
210: | HUMAN ACTION:
210: | None.
211: Result_Test                P4 'E'          TestLog
211: | CAUSE:
211: | The code has finished the test and presents the results.
211: | PARM 0-1: test no PARM 2: result PARM 3: delimiter.
211: | ENVIRONMENT:
211: | The event occurs on the KSU.
211: | HUMAN ACTION:
211: | None.
220: Clr_ADMIN_Log              P4 'E'          AdmLog
220: | CAUSE:
220: | The admin log file has been cleared.
220: | ENVIRONMENT:
220: | The event occurs on the KSU.
220: | HUMAN ACTION:
220: | None.
221: Clr_Test_Log               P4 'E'          TestLog
221: | CAUSE:
221: | The test log file has been cleared.
221: | ENVIRONMENT:
221: | The event occurs on the KSU.
221: | HUMAN ACTION:
221: | None.
222: Debug_Entered              P5 'E'          TestLog
222: | CAUSE:
222: | User is entering **DEBUG.
222: | ENVIRONMENT:
222: | The event occurs on the KSU.
222: | HUMAN ACTION:
222: | None.
223: Rest_Success               P7 'E'          AdmLog TestLog
Restart

```

```

223: | CAUSE:
223: | The system is restarting after the restore was successful.
223: | ENVIRONMENT:
223: | The event occurs on the KSU.
223: | HUMAN ACTION:
223: | None.
224: FailReEnable          P8 'B'          TestLog
Restart
224: | CAUSE:
224: | Could not re-enable all devices after a restore took place.
224: | ENVIRONMENT:
224: | The error occurs on the KSU.
224: | HUMAN ACTION:
224: | Customer should report event to installer to get tracebacks.
225: Back_Success          P7 'E'          AdmLog
225: | CAUSE:
225: | A backup or restore was successful.
225: | ENVIRONMENT:
225: | The event occurs on the KSU.
225: | HUMAN ACTION:
225: | None.
226: Back_Failure          P8 'A'          Trace AdmLog
226: | CAUSE:
226: | Backup failed.
226: | ENVIRONMENT:
226: | The event occurs on the KSU.
226: | HUMAN ACTION:
226: | Customer should contact installer to get the SP event tracabecks.
227: Rest_Started          P6 'E'          AdmLog
227: | CAUSE:
227: | Starting a restore.
227: | ENVIRONMENT:
227: | The event occurs on the KSU.
227: | HUMAN ACTION:
227: | None.
228: Back_Started          P6 'E'          AdmLog
228: | CAUSE:
228: | Starting a backup.
228: | ENVIRONMENT:
228: | The event occurs on the KSU.
228: | HUMAN ACTION:
228: | None.
229: Rest_Failure          P8 'B'          AdmLog TestLog
Restart
229: | CAUSE:
229: | A restore failed.
229: | ENVIRONMENT:
229: | The event occurs on the KSU.
229: | HUMAN ACTION:
229: | Customer should contact installer to get tracebacks.
230: Inv_Softkey            P4 'A'          Trace      TestLog
230: | CAUSE:
230: | The code is dealing with an invalid sotfkey.
230: | ENVIRONMENT:
230: | The event occurs on the KSU.
230: | HUMAN ACTION:
230: | Customer should contact installer to get tracebacks.

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231: Inv_Level                P4 'A'          Trace      TestLog
231: | CAUSE:
231: |   The admin machine for maintenance is coded in the dr3-style.
231: |   A state machine is required to keep track of the levels and
231: |   where the user is in the tree.
231: |   The code is dealing with an invalid level for the state machine.
231: | ENVIRONMENT:
231: |   The event occurs in the KSU.
231: | HUMAN ACTION:
231: |   Customer should contact installer to get tracebacks.
232: Inv_Main_Hdg             P4 'A'          Trace      TestLog
232: | CAUSE:
232: |   The admin machine for maintenance is coded in the dr3-style.
232: |   A state machine is required to keep track of the levels and
232: |   where the user is in the tree.
232: |   The code is dealing with an invalid heading for the state machine.
232: | ENVIRONMENT:
232: |   The event occurs in the KSU.
232: | HUMAN ACTION:
232: |   Customer should contact installer to get tracebacks.
233: Inv_Target                P4 'A'          Trace      TestLog
233: | CAUSE:
233: |   The admin machine for maintenance is coded in the dr3-style.
233: |   A state machine is required to keep track of the levels and
233: |   where the user is in the tree.
233: |   The code is dealing with an invalid target for the state machine.
233: | ENVIRONMENT:
233: |   The event occurs on the KSU.
233: | HUMAN ACTION:
233: |   Customer should contact installer to get tracebacks.
234: Inv_P_Param               P4 'A'          Trace      TestLog
234: | CAUSE:
234: |   The admin machine for maintenance is coded in the dr3-style.
234: |   A state machine is required to keep track of the levels and
234: |   where the user is in the tree.
234: |   The code is dealing with an invalid parameter for the state machine.
234: | ENVIRONMENT:
234: |   The event occurs on the KSU.
234: | HUMAN ACTION:
234: |   Customer should contact installer to get tracebacks.
235: Inv_Prs_State              P4 'A'          Trace      TestLog
235: | CAUSE:
235: |   Invalid request for the current context in a state machine.
235: | ENVIRONMENT:
235: |   The event occurs on the KSU.
235: | HUMAN ACTION:
235: |   Customer should contact installer to get tracebacks.
245: Consistency                P4 'A'          Trace      TestLog
245: | CAUSE:
245: |   Still waiting to receive more data.
245: | ENVIRONMENT:
245: |   The event occurs on the KSU.
245: | HUMAN ACTION:
245: |   Customer should contact installer to get tracebacks.
246: SchedFail                  P4 'B'          Trace      TestLog
246: | CAUSE:
246: |   The li_server could not register a background process.

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246: | ENVIRONMENT:
246: | The event occurs on the KSU.
246: | HUMAN ACTION:
246: | Customer should contact installer to get tracebacks.
247: LI_BadTrans P4 'A' Trace TestLog
247: | CAUSE:
247: | An invalid event was received for the current channel state.
247: | ENVIRONMENT:
247: | The event occurs on the KSU.
247: | HUMAN ACTION:
247: | Customer should contact installer to get tracebacks.
248: B2Index_Error P4 'A' Trace TestLog
248: | CAUSE:
248: | The maintenance index is not a valid index.
248: | ENVIRONMENT:
248: | The event occurs on the KSU.
248: | HUMAN ACTION:
248: | Customer should contact installer to get tracebacks.
250: Disc_SM P9 'C' TestLog Alarm:50
250: | CAUSE:
250: | A set module has been disconnected.
250: | The parameter contains the bus no.
250: | ENVIRONMENT:
250: | The event occurs on the set module.
250: | HUMAN ACTION:
250: | Customer should contact the installer to
250: | check the set modules connections or reinsert the module.
251: Disc_TM P9 'C' TestLog Alarm:51
251: | CAUSE:
251: | A trunk module has been disconnected.
251: | The parameter contains the bus no.
251: | ENVIRONMENT:
251: | The event occurs on the trunk module.
251: | HUMAN ACTION:
251: | Customer should contact the installer to
251: | check the trunk modules connections or reinsert the module.
252: Disc_TC P9 'C' TestLog Alarm:52
252: | CAUSE:
252: | A trunk cartridge has been disconnected.
252: | The first parameter is the bus number.
252: | The second parameter is the trunk cartridge number.
252: | ENVIRONMENT:
252: | The event occurs on the trunk cartridge.
252: | HUMAN ACTION:
252: | Customer should contact the installer to
252: | check the trunk cartridges connections or reinsert the cartridge.
253: Disc_KSU_Sets P9 'C' TestLog Alarm:10
253: | CAUSE:
253: | All sets were disconnected.
253: | ENVIRONMENT:
253: | The event occurs on the core sets.
253: | HUMAN ACTION:
253: | Customer should contact the installer to
253: | verify the set connections.
254: Disc_KSU_Lines P9 'C' TestLog Alarm:11
254: | CAUSE:
254: | All lines were disconnected.

254: | ENVIRONMENT:
 254: | The event occurs on the core lines.
 254: | HUMAN ACTION:
 254: | Customer should contact the installer to
 254: | verify the core line hardware.
 255: TC_MODE_MISMATCH P9 'F' TestLog Alarm:61
 255: | CAUSE:
 255: | Mode configured by installer is not supported
 255: | by the trunk which is present in that cartridge.
 255: | The first parameter is the bus number.
 255: | The second parameter is the trunk cartridge number.
 255: | ENVIRONMENT:
 255: | Only applies to certain countries where trunk modes
 255: | are configurable. For example, if an installer
 255: | inserts a Disconnect supervised trunk card and then
 255: | configures it to be 1A2 (centrex only) then this
 255: | event and an alarm will be raised.
 255: | HUMAN ACTION:
 255: | Verify that correct port is configured
 255: | with intended mode. Verify that intended cartridge
 255: | is actually plugged into the configured slot.
 256: Inv_AAns_Setting P9 'F' TestLog Alarm:62
 256: | CAUSE:
 256: | Invalid auto answer setting. What this means is that
 256: | administration has the line set to be auto answer but
 256: | the type of trunk i.e. hardware, is not suitable for
 256: | auto answer. Examples are setting a non disconnect
 256: | supervised trunk to be auto answer. This is disallowed
 256: | as it will cause the line to be hung when the far end
 256: | hangs up since there is no disconnect supervision.
 256: | The first parameter is the bus number.
 256: | The second parameter is the trunk cartridge number.
 256: | ENVIRONMENT:
 256: | This alarm is valid in all products that support auto
 256: | answer capability e.g. DR4, DR5, MUK, CUK.....
 256: | This alarm is not applicable to Centrex products since
 256: | they do not support auto answer lines.
 256: | HUMAN ACTION:
 256: | Installers or system administrators can either change the
 256: | administration of the line to be manual answer or change
 256: | the trunk cartridge (off-core lines) to one that has
 256: | disconnect supervision.
 257: evDev_Fail P5 'F' TestLog Alarm:56
 257: | CAUSE:
 257: | A device has unexpectedly failed on a module.
 257: | The parameter is the port number of the device
 257: | that failed.
 257: | ENVIRONMENT:
 257: | The event occurs on a set module or line module.
 257: | HUMAN ACTION:
 257: | Customer should contact the installer to check the
 257: | device's connections, reinsert the device or
 257: | verify the module to which the device is connected
 258: evRecov_Inconsist P9 'F' TestLog Alarm:57
 258: | CAUSE:
 258: | This event is only generated in systems such as
 258: | MCMO where the location and ordering of modules

258: | relative to one another is important. A
 258: | recoverable inconsistency occurs when a block of
 258: | modules (cards in MCMO) is relocated, without
 258: | changing the order of modules, such that they have
 258: | a new starting location.
 258: | ENVIRONMENT:
 258: | The event occurs in systems such as MCMO where
 258: | order and location of modules (cards) is important
 258: | HUMAN ACTION:
 258: | The installer or system administrator can, in
 258: | response to prompts from the OA&M interface,
 258: | choose to: 1) resume operation with the new
 258: | configuration, which will be automatically
 258: | adjusted to account for the new starting location
 258: | 2) restore the modules (cards) to their original
 258: | locations and do a warm reset 3) leave the
 258: | modules (cards) in their current locations and do
 258: | a cold reset.
 259: evNonRecov_Inconsist P9 'F' TestLog Alarm:58
 259: | CAUSE:
 259: | This event is only generated in systems such as
 259: | MCMO where the location and ordering of modules
 259: | relative to one another is important. A
 259: | NON-recoverable inconsistency occurs when the
 259: | type of a module (card in MCMO) is changed such
 259: | that the previous module type does not match the
 259: | current module type. It can occur when a module
 259: | (card) is replaced with a different kind while
 259: | the system is running, or following a warm reset
 259: | when the order of modules (cards) has been
 259: | changed.
 259: | ENVIRONMENT:
 259: | The event occurs on systems such as MCMO where
 259: | order and location of modules (cards) is important
 259: | HUMAN ACTION:
 259: | The installer or system administrator can, in
 259: | response to prompts from the OA&M interface,
 259: | choose to: 1) restore the modules (cards) to their
 259: | original locations and do a warm reset 2) leave
 259: | the modules (cards) in their current location and
 259: | do a cold reset.
 260: NO_BAT_FEED P8 'C' TestLog
 260: | CAUSE:
 260: | When the system is booted a check is made to determine
 260: | if lines are physically attached to the line ports.
 260: | This is done by performing a line presence test. If
 260: | this test fails then it indicates that a line is
 260: | not attached and this log event is raised.
 260: | ENVIRONMENT:
 260: | This line presence test was introduced in Compact
 260: | Sweden DR1 This line is unusable when this event
 260: | occurs and it is taken out of service.
 260: | HUMAN ACTION:
 260: | If no line is attached to the port attach a line.
 260: | If a line is attached then determine if the line is
 260: | operational.
 261: BAT_FEED_DET P1 'C' TestLog

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261: | CAUSE:
261: |   This logevent indicates that a line which has
261: |   previously failed a line presence test has had a line
261: |   attached and has now passed the line presence test.
261: | ENVIRONMENT:
261: |   This line presence test was introduced in Compact
261: |   Sweden DR1 The line is returned to service when
261: |   this event occurs.
261: | HUMAN ACTION:
261: |   None.
262: N_DIAL_TONE                P7 'C'                TestLog
262: | CAUSE:
262: |   When a line is seized a test is made to determine if
262: |   dial tone is present. If this test fails this log
262: |   event is raised.
262: | ENVIRONMENT:
262: |   This dial tone test was introduced in Compact
262: |   Sweden DR1 The line is automatically dropped when
262: |   this event occurs.
262: | HUMAN ACTION:
262: |   Check the physical trunk line to see if it operating
262: |   correctly.
263: Inv_Dis_Seq                P8 'C'                TestLog
263: | CAUSE:
263: |   The handshake which occurs between the KSU trunk and
263: |   the network when a line is released was not properly
263: |   completed.
263: | ENVIRONMENT:
263: |   This log event was introduced in MNA DR4 for use with
263: |   the E&M trunk cartridge. Since its introduction
263: |   other trunk types may be using it.
263: |   The trunk is unusable until the handshake is properly
263: |   completed.
263: | HUMAN ACTION:
263: |   Check the trunk interface with the network to determine
263: |   if it operating correctly.
264: Disc_Det                    P1 'C'                TestLog
264: | CAUSE:
264: |   This event occurs when the KSU trunk detects the
264: |   completion of the release handshake after it has
264: |   previously failed. (inv_dis_seq)
264: | ENVIRONMENT:
264: |   This log event was introduced in MNA DR4 for use with
264: |   the E&M trunk cartridge. Since its introduction other
264: |   trunk types may be using it. The trunk is returned to
264: |   service when this event occurs.
264: | HUMAN ACTION:
264: |   None.
265: Trk_Perm_Sig                P7 'C'                TestLog
265: | CAUSE:
265: |   When seizing a trunk to make an outgoing call a
265: |   handshake must occur between the KSU trunk and the
265: |   network before digits can be dialed. This event
265: |   indicates that this handshake failed since the network
265: |   did not acknowledge the KSU request to seize the line.
265: | ENVIRONMENT:
265: |   This log event was introduced in MNA DR4 for use with

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265: | the E&M trunk cartridge. Since its introduction
 265: | other trunk types may be using it.
 265: | The trunk is unusable until the handshake is properly
 265: | completed.
 265: | HUMAN ACTION:
 265: | Check the trunk interface with the network to determine
 265: | if it operating correctly.
 266: Inv_AC15_Port P3 'F' TestLog Alarm:66
 266: | CAUSE:
 266: | The installer has plugged an AC-15 trunk into a
 266: | set port that is not in the allowable range for
 266: | AC-15 trunks.
 266: | ENVIRONMENT:
 266: | Only happens with AC-15 trunks. Introduced
 266: | during Modular UK development. The AC-15A trunk
 266: | will not work until it is moved to a correct port.
 266: | HUMAN ACTION:
 266: | Unplug the AC-15A trunk from the KSU, consult
 266: | the documentation as to the correct location
 266: | of the AC-15 ports, and then plug the AC-15
 266: | trunk into one of the allowable ports.
 267: DTMF_Rx_Pool_Empty P8 'F' Alarm:63
 267: | CAUSE:
 267: | There are no more DTMF receives that can be allocated.
 267: | ENVIRONMENT:
 267: | All DTMF rx products (post MODULAR DR4)
 267: | HUMAN ACTION:
 267: | An alarm is also raised. Need to examine the
 267: | system setup and determine whether more DTMF rx
 267: | need to be added to the system at this particular site.
 267: | Essentially a resource contention problem, if it
 267: | happens very often, the system may be under-engineered.
 268: Restr_pool_error P8 'B' Trace TestLog
 268: | CAUSE:
 268: | A system audit has detected memory corruption
 268: | in the storage of the dialing filters for
 268: | external dialing restrictions and exceptions.
 268: | ENVIRONMENT:
 268: | Can only occur in systems running DR4 base
 268: | software supporting enhanced restrictions and
 268: | overrides.
 268: | HUMAN ACTION:
 268: | All dialing filter definitions have been
 268: | defaulted as a result of this error.
 268: | All administered dialing filters will have to be
 268: | reprogrammed.
 269: Lineset_pool_error P8 'B' Trace TestLog
 269: | CAUSE:
 269: | A system audit has detected memory corruption
 269: | in the storage of dialing filters applied to
 269: | specific line appearances on a set.
 269: | ENVIRONMENT:
 269: | Can only occur in systems running DR4 base
 269: | software supporting enhanced restrictions and
 269: | overrides.
 269: | HUMAN ACTION:
 269: | Any restrictions applied to a dedicated line

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269: | appearance on a specific set have been defaulted
269: | as a result of this error.
269: | All applied dialing filters numbers to specific
269: | line per set appearances must be reprogrammed.
270: Inv_MB_Msg                P8 'A'                Trace                TestLog
270: | CAUSE:
270: | The code is dealing with a multi byte message that it does
270: | not understand while trying to initialize the set.
270: | Parameter 1 contains the TN of the stim message.
270: | ENVIRONMENT:
270: | The event occurs on a set.
270: | HUMAN ACTION:
270: | If the event occurs many times, unplug the set, wait for 3 minutes,
270: | then reconnect the set. Maybe caused by a noisy line.
271: Inv_Gbl_Ver                P8 'A'                TestLog
271: | CAUSE:
271: | The set has firmware that is incompatible with the current KSU load.
271: | ENVIRONMENT:
271: | The event occurs on the KSU.
271: | HUMAN ACTION:
271: | Customer should contact installer to change KSU load or the set.
272: No_B_Answer                P6 'E'                TestLog
272: | CAUSE:
272: | On a trunk with answer supervision the far end did not answer within a
272: | specified time.
272: | ENVIRONMENT:
272: | This logevent is currently only used on digital or analog supervised
272: | trunks.
272: | HUMAN ACTION:
272: | None.
274: NIM_Error                  P5 'A'                TestLog
274: | CAUSE:
274: | An error has been reported against the NIM box. Please refer
274: | to the following parameter descriptions to identify the
274: | problem.
274: | The first parameter (3 digits) contains the port number of
274: | the device.
274: | If the second parameter is 00, 01, or 02 then this port number
274: | corresponds to the port that NIM box is plugged into.
274: | If the second parameter is 03 then this port number corresponds
274: | to the line port that received the inappropriate CLASS
274: | message.
274: | The second parameter (next 2 digits) indicates the type of
274: | error that occurred.
274: | 00 = More than 1 NIM box plugged in (single NIM systems only).
274: | 01 = Invalid NIM box plugged in.
274: | 02 = NIM plugged into an out-of-range port (multiple NIM systems).
274: | 03 = NIM sent a CLASS message to a trunk which was in an incorrect
274: | state (multiple NIM systems only). This usually means that the
274: | NIM is installed incorrectly.
274: | ENVIRONMENT:
274: | The event occurs on the NIM.
274: | HUMAN ACTION:
274: | If the second parameter is 00, customers should unplug the extra
NIM(s).
274: | If any of the other three errors occur, customers should contact the
274: | installer to verify the installation, wiring, and version of the NIM

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274: | devices.
275: NoCppCredits                P9 'F'                TestLog Alarm:59
275: | CAUSE:
275: | During a warm start, the system ran out of credits when activating
275: | Cpp emulators. One event (and alarm) is generated per portable that
275: | failed to activate. Therefore, the repetition counts for this alarm
275: | indicates how many additional credits must be purchased in order to
275: | activate all of the registered portables. Alarm used is Alarm:59
275: | This condition should only occur when the warm start represents a
275: | transition (upgrade) from a non-ISM system to an ISM system
275: | (that is, from swkey=FALSE to swkey=TRUE
275: | ENVIRONMENT:
275: | Generated by the reg_service module in the controller software
275: | HUMAN ACTION:
275: | Customer should contact distributor to obtain a "portable credits"
275: | software key of sufficient capacity to accommodate the registered
275: | registered portable that failed to activate. After this key has been
275: | applied, the system must be warm-started to allow the emulators to
275: | activate.
276: DISC_DATA_MODULE            P9 'C'                TestLog Alarm:76
276: | CAUSE:
276: | A data module has been disconnected.
276: | The parameter contains the bus no.
276: | ENVIRONMENT:
276: | The event occurs on the data module.
276: | HUMAN ACTION:
276: | Customer should contact the installer to
276: | check the data modules connections.
280: RX_BAD_AL_I                 P4 'A'                Trace                TestLog
280: | CAUSE:
280: | The alarm terminal has received an event it cannot
280: | handle in its current state.
280: | ENVIRONMENT:
280: | The event occurs on the alarm terminal.
280: | HUMAN ACTION:
280: | Get the SP event tracebacks.
281: BAD_AL_STATE                P4 'A'                Trace                TestLog
281: | CAUSE:
281: | The alarm terminal is in an invalid state.
281: | ENVIRONMENT:
281: | The event occurs on the alarm terminal.
281: | HUMAN ACTION:
281: | Get the SP event tracebacks.
282: BAD_AL_REDES                P4 'A'                Trace                TestLog
282: | CAUSE:
282: | At the moment of this writing, this event was not being used.
282: | ENVIRONMENT:
282: | None.
282: | HUMAN ACTION:
282: | None.
283: BAD_INSTANCE                P4 'A'                Trace                TestLog
283: | CAUSE:
283: | Invalid alarm instance number.
283: | ENVIRONMENT:
283: | event occurs on the KSU.
283: | HUMAN ACTION:
283: | Get the SP event tracebacks.

```



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285: Address_Error          P8 'B'          TestLog
Restart
285: | CAUSE:
285: |   An address error occurred.
285: | ENVIRONMENT:
285: |   The event occurs on the KSU.
285: | HUMAN ACTION:
285: |   Customer should contact the installer to get the traceback data.
286: Bus_Error             P8 'B'          TestLog
Restart
286: | CAUSE:
286: |   A bus error occurred.
286: | ENVIRONMENT:
286: |   The event occurs on the KSU.
286: | HUMAN ACTION:
286: |   Customer should contact the installer to get the traceback data.
287: Illegal_Inst         P8 'C'          TestLog
Restart
287: | CAUSE:
287: |   The op code is not supported by the CPU.
287: | ENVIRONMENT:
287: |   The event occurs on the KSU. Generally caused by
287: |   a bad software load.
287: | HUMAN ACTION:
287: |   Customer should contact the installer to get the traceback data.
288: Divide_by_zero       P8 'B'          TestLog
Restart
288: | CAUSE:
288: |   The code is trying to divide by 0
288: | ENVIRONMENT:
288: |   The event occurs on the KSU.
288: | HUMAN ACTION:
288: |   Customer should contact the installer to get the traceback data.
289: Range_Error          P8 'B'          TestLog
Restart
289: | CAUSE:
289: |   The code is trying to access a structure with an invalid index.
289: | ENVIRONMENT:
289: |   The event occurs on the KSU.
289: | HUMAN ACTION:
289: |   Customer should contact the installer to get the traceback data.
290: Stack_Overflow        P8 'D'          TestLog
Restart
290: | CAUSE:
290: |   The CPU is storing too much information for the stack size.
290: | ENVIRONMENT:
290: |   The event occurs on the KSU.
290: | HUMAN ACTION:
290: |   Customer should contact the installer to get the traceback data.
291: Privilege_Inst        P8 'B'          TestLog
Restart
291: | CAUSE:
291: |   The CPU is trying to execute a privilege instruction in user mode.
291: | ENVIRONMENT:
291: |   The event occurs on the KSU.
291: | HUMAN ACTION:
291: |   Customer should contact the installer to get the traceback data.

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292: A_Instruction          P8 'B'          TestLog
Restart
292: | CAUSE:
292: |   The CPU is trying to execute a TRAPV instruction.
292: | ENVIRONMENT:
292: |   The event occurs on the KSU.
292: | HUMAN ACTION:
292: |   Customer should contact the installer to get the traceback data.
293: Bad_Int1              P8 'B'          TestLog
Restart
293: | CAUSE:
293: |   The CPU is trying to pass control to an
293: |   uninitialized interrupt vector.
293: | ENVIRONMENT:
293: |   The event occurs on the KSU.
293: | HUMAN ACTION:
293: |   Customer should contact the installer to get the traceback data.
294: Bad_Int2              P8 'B'          TestLog
Restart
294: | CAUSE:
294: |   The code is passing control to the level 1 interrupt auto vector.
294: | ENVIRONMENT:
294: |   The event occurs on the KSU.
294: | HUMAN ACTION:
294: |   Customer should contact the installer to get the traceback data.
295: Watchdog_time         P8 'B'          TestLog
Restart
295: | CAUSE:
295: |   Trying to execute too much code in a single time slice.
295: | ENVIRONMENT:
295: |   The event occurs on the KSU.
295: | HUMAN ACTION:
295: |   Customer should contact the installer to get the traceback data.
296: Region_Error          P8 'B'          TestLog
Restart
296: | CAUSE:
296: |   Problems with regions.
296: | ENVIRONMENT:
296: |   The event occurs on the KSU.
296: | HUMAN ACTION:
296: |   Customer should contact the installer to get the traceback data.
297: Task_Error            P8 'B'          TestLog
Restart
297: | CAUSE:
297: |   Problems in multi-tasking.
297: | ENVIRONMENT:
297: |   The event occurs on the KSU.
297: | HUMAN ACTION:
297: |   Customer should contact the installer to get the traceback data.
298: Unknown_Excpt         P8 'B'          TestLog
Restart
298: | CAUSE:
298: |   Something is wrong with the CPU but the exception vector
298: |   cannot be recognized.
298: | ENVIRONMENT:
298: |   The event occurs on the KSU.
298: | HUMAN ACTION:

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298: | Customer should contact the installer to get the traceback data.
299: Power_Up                P1 'E'                TestLog
299: | CAUSE:
299: | The KSU is being powered up.
299: | ENVIRONMENT:
299: | The event occurs on the KSU.
299: | HUMAN ACTION:
299: | Customer should contact the installer to get the traceback data.
300: BS_Failure                P6 'C'                TestLog Alarm:53
300: | CAUSE:
300: | This is a generic logevent to indicate to the user
300: | that a single radio has been removed from service due
300: | to an operational error. An accompanying event will
300: | indicate an explicit reason for the radio failure.
300: | ENVIRONMENT:
300: | This log event was introduced in the R-10s product.
300: | When this event occurs the radio indicated can no
300: | longer be used.
300: | HUMAN ACTION:
300: | Perform diagnostics on the base station.
301: DT_BadCsumForDevice        P5 'C'                TestLog
301: | CAUSE:
301: | This event is raised when the base station cannot
301: | successfully write the data image it is receiving in the
301: | download. This could be a result of its flash EEPROM
301: | being bad.
301: | ENVIRONMENT:
301: | Happens only to base stations. Severity is 5 because base
301: | station may be unusable.
301: | Both radios belonging to the base station will be disabled
301: | so two events will be raised one for the B1 channel radio
301: | and another for the B2 channel radio.
301: | A corresponding Alarm 53 precedes this log event.
301: | HUMAN ACTION:
301: | The base station should be replaced.
302: DT_BadWriteToDevice        P5 'C'                TestLog
302: | CAUSE:
302: | The base station reports that its flash EEPROM is bad and
302: | it cannot be written to.
302: | ENVIRONMENT:
302: | Happens only to base stations. Severity is 5 because base
302: | station is unusable.
302: | Both radios belonging to the base station will be disabled
302: | so two events will be raised one for the B1 channel radio
302: | and another for the B2 channel radio.
302: | A corresponding Alarm 53 precedes this log event.
302: | HUMAN ACTION:
302: | The base station should be replaced.
303: Sync_BSFailedSync          P5 'C'                Trace        TestLog
303: | CAUSE:
303: | The base station reports that it cannot be synchronized
303: | with the other base stations in the system. Something is
303: | wrong with the base station's hardware.
303: | ENVIRONMENT:
303: | Happens only to base stations. Severity is 5 because base
303: | station is unusable.
303: | Both radios belonging to the base station will be disabled

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303: | so two events will be raised one for the B1 channel radio
303: | and another for the B2 channel radio.
303: | A corresponding Alarm 53 precedes this log event.
303: | HUMAN ACTION:
303: | The base station should be replaced.
304: Sync_TooManyRequests P5 'C' Trace TestLog
304: | CAUSE:
304: | The base station reports that it has lost synchronization
304: | with the other base stations in the system due to loss of
304: | TCM synchronization. Something is wrong with the base
304: | station's hardware.
304: | ENVIRONMENT:
304: | Happens only to base stations. Severity is 5 because base
304: | station is unusable.
304: | Both radios belonging to the base station will be disabled
304: | so two events will be raised one for the B1 channel radio
304: | and another for the B2 channel radio.
304: | A corresponding Alarm 53 precedes this log event.
304: | HUMAN ACTION:
304: | The base station should be replaced.
305: Sync_NoB1Radio P5 'C' Trace TestLog
305: | CAUSE:
305: | This will only happen with a B2 Channel Radio. The radio
305: | cannot be synchronized because its partner B1 radio was
305: | disabled in maintenance. The B1 radio is required to be
305: | operational in order to synchronize the two radios to the
305: | other radios in the system.
305: | Work Around: To fix this problem the B1 radio should be
305: | re-enabled first, through maintenance, and then the B2
305: | radio. If the B1 radio cannot be re-enabled then there is
305: | a hardware problem with the base station. The log should
305: | be searched to see why the B1 radio was disabled.
305: | ENVIRONMENT:
305: | Happens only to base stations. Severity is 5 because base
305: | station is unusable.
305: | Both radios belonging to the base station will be disabled
305: | so two events will be raised one for the B1 channel radio
305: | and another for the B2 channel radio.
305: | A corresponding Alarm 53 precedes this log event.
305: | HUMAN ACTION:
305: | The base station should be replaced.
306: Sync_NoB2ForMaster P5 'A' Trace TestLog
306: | CAUSE:
306: | At the moment of this writing, this event was not being used.
306: | ENVIRONMENT:
306: | None.
306: | HUMAN ACTION:
306: | None.
307: MWBS_Error P5 'A' Trace TestLog
307: | CAUSE:
307: | A potential hardware fault has occurred in the MWBS. A parameter
307: | in the event indicates the type of fault.
307: | ENVIRONMENT:
307: | This logevent was introduced in the R-10s product.
307: | The radio identified by this event may no longer be usable.
307: | HUMAN ACTION:
307: | It may be necessary to replace the base station.

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308: Inv_Protocol          P8 'C'          Trace          TestLog
308: | CAUSE:
308: |   A MWBS supporting a radio protocol not supported by
308: |   the KSU has been attached to the system.
308: |   IE: A CT2PLUS MWBS has been attached to a CT2 KSU.
308: | ENVIRONMENT:
308: |   This log event was introduced in the R-10s product.
308: |   This radio in question will be disable and not used
308: |   by the system.
308: | HUMAN ACTION:
308: |   Replace the radio in question.
309: DTI_Gen_Maint          P5 'A'          TestLog
309: | CAUSE:
309: |   The DTI maintenance state machine receives an event that
309: |   does not make sense for the current state.
309: |   PARAM 0-1: DTI cartridge no.
309: |   PARAM 2: error type.
309: |   PARAM 3-6: optional parameters.
309: | ENVIRONMENT:
309: |   The event occurs on the DTI cartridge.
309: | HUMAN ACTION:
309: |   None.
310: Dti_cart_event          P5 'B'          TestLog
310: | CAUSE:
310: |   1)Bad Stimulus message received by dti from KSU
310: |   Parameters are: Source file (eCpQinpEh {value 30})
310: |   error number (0)
310: |   2)Bad encapsulated Stimulus 2 byte message received by dti
310: |   from KSU. Parameters are: Source file (eCpQinpEh {value 30})
310: |   error number (4)
310: |   3)Bad encapsulated Stimulus multibyte message received by
310: |   dti from KSU. Parameters are: Source file
310: |   (eCpQinpEh {value 30}) error number (4)
310: | ENVIRONMENT:
310: |   1)Occurs on DTI cartridge only.
310: |   2,3)Occurs on DTI cartridge only.
310: | HUMAN ACTION:
310: |   Check DTI connections. If problem persists call
310: |   operating company.
311: dti_mtc_software_err    P5 'A'          Trace          TestLog
311: | CAUSE:
311: |   This is a software error associated with the
311: |   DT maintenance emulator.
311: | ENVIRONMENT:
311: |   Possible causes: invalid DT index, DT LAD invalid, message
311: |   sent to the DT cartridge was invalid, message from the DT
311: |   cartridge is invalid, invalid parameter in a FUMP msg,
311: |   invalid clock control message.
311: |   (parameter 1 = reason)
311: | HUMAN ACTION:
311: |   This event should not occur in the field. If this event
311: |   occurs in the field or the lab, generate a PR on it.
312: CcSrvrLog              P5 'A'          TestLog
312: | CAUSE:
312: |   This log event is only generated when the clock server
312: |   receives an unexpected event in the current clock
312: |   control state.

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312: | This log event is also used to indicate invalid FUMP
312: | message received by the clock server from the DTI Mtc
312: | Emulator or the DTI firmware.
312: | parm#1 - Clock Source
312: | parm#2 - log event reason
312: | parm#3 - Clock Control State "or" FUMP msg cmd type
312: | parm#4 - Clock Control Event "or" Clock Control id
312: | ENVIRONMENT:
312: | This log event is only valid for P9 variant.
312: | HUMAN ACTION:
312: | None
313: Cc_NoIntr                P7 'A'                TestLog
313: | CAUSE:
313: | This log event is generated when the clock server
313: | receives alarm report from the DTI/DME but does not
313: | receive the clock alarm from the N15 after a timeout
313: | period.
313: | parm#1 - Clock Source
313: | parm#2 - Clock Control State
313: | ENVIRONMENT:
313: | This log event is only valid for P9 variant
313: | HUMAN ACTION:
313: | If the log events are happened repetitively, it may
313: | indicate that the hardware fault happens in the KSU
313: | N15 or the DTI. The craft person may wish to replace
313: | the hardware to fix the problem.
314: FailRegLAD                P8 'B'                TestLog
Restart
314: | CAUSE:
314: | Failed to register/deregister LAD of DTI emulator.
314: | ENVIRONMENT:
314: | The event occurs on the KSU.
314: | HUMAN ACTION:
314: | Customer should contact installer to get restart traceback.
315: nw_unavail_time            P8 'F' NetLog                Alarm:40
315: | CAUSE:
315: | This event is generated when the long term alarm
315: | threshold has been surpassed in the DT cartridge for the
315: | unavailable time error.
315: | ENVIRONMENT:
315: | Network problems At this point, the call blocker has been
315: | established on all provisioned lines.
315: | (parameter 1 = DT cartridge number)
315: | HUMAN ACTION:
315: | All lines have been blocked for out-going calls.
315: | Intervention is required to find out why the DT cartridge
315: | is alarmed.
316: nw_loss_lt                 P8 'F' NetLog                Alarm:41
316: | CAUSE:
316: | This event is generated when the long term alarm
316: | threshold has been surpassed in the DT cartridge for the
316: | detection of loss of signal.
316: | ENVIRONMENT:
316: | Network problems At this point, the call blocker has been
316: | established on all provisioned lines.
316: | (parameter 1 = DT cartridge number)
316: | HUMAN ACTION:

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316: | All lines have been blocked for out-going calls.
316: | Intervention is required to find out why the DT cartridge
316: | is alarmed.
317: nw_oof_lt P8 'F' NetLog Alarm:42
317: | CAUSE:
317: | This event is generated when the long term alarm
317: | threshold has been surpassed in the DT cartridge for the
317: | detection of loss of frame..
317: | ENVIRONMENT:
317: | Network problems At this point, the call blocker has been
317: | established on all provisioned lines.
317: | (parameter 1 = DT cartridge number)
317: | HUMAN ACTION:
317: | All lines have been blocked for out-going calls.
317: | Intervention is required to find out why the DT cartridge
317: | is alarmed.
318: nw_ais_lt P8 'F' NetLog Alarm:43
318: | CAUSE:
318: | This event is generated when the long term alarm
318: | threshold has been surpassed in the DT cartridge for the
318: | detection of alarm indication signal.
318: | ENVIRONMENT:
318: | Network problems At this point, the call blocker has been
318: | established on all provisioned lines.
318: | (parameter 1 = DT cartridge number)
318: | HUMAN ACTION:
318: | All lines have been blocked for out-going calls.
318: | Intervention is required to find out why the DT cartridge
318: | is alarmed.
319: nw_rai_lt P8 'F' NetLog Alarm:44
319: | CAUSE:
319: | This event is generated when the long term alarm
319: | threshold has been surpassed in the DT cartridge for the
319: | detection of remote alarm indication.
319: | ENVIRONMENT:
319: | Network problems At this point, the call blocker has been
319: | established on all provisioned lines.
319: | (parameter 1 = DT cartridge number)
319: | HUMAN ACTION:
319: | All lines have been blocked for out-going calls.
319: | Intervention is required to find out why the DT cartridge
319: | is alarmed.
320: nw_oos_ts16_lt P8 'F' NetLog Alarm:45
320: | CAUSE:
320: | This event is generated when the long term alarm
320: | threshold has been surpassed in the DT cartridge for the
320: | detection of loss of signal on time-slot 16
320: | ENVIRONMENT:
320: | Network problems At this point, the call blocker has been
320: | established on all provisioned lines.
320: | (parameter 1 = DT cartridge number)
320: | HUMAN ACTION:
320: | All lines have been blocked for out-going calls.
320: | Intervention is required to find out why the DT cartridge
320: | is alarmed.
321: nw_ais_ts16_lt P8 'F' NetLog Alarm:46
321: | CAUSE:

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321: | This event is generated when the long term alarm
321: | threshold has been surpassed in the DT cartridge for the
321: | detection of alarm indication signal on time-slot 16
321: | ENVIRONMENT:
321: | Network problems At this point, the call blocker has been
321: | established on all provisioned lines.
321: | (parameter 1 = DT cartridge number)
321: | HUMAN ACTION:
321: | All lines have been blocked for out-going calls.
321: | Intervention is required to find out why the DT cartridge
321: | is alarmed.
322: nw_rai_ts16_lt          P8 'F' NetLog          Alarm:47
322: | CAUSE:
322: | This event is generated when the long term alarm
322: | threshold has been surpassed in the DT cartridge for the
322: | detection of remote alarm indication on time-slot 16
322: | ENVIRONMENT:
322: | Network problems At this point, the call blocker has been
322: | established on all provisioned lines.
322: | (parameter 1 = DT cartridge number)
322: | HUMAN ACTION:
322: | All lines have been blocked for out-going calls.
322: | Intervention is required to find out why the DT cartridge
322: | is alarmed.
323: nw_degr_min             P5 'C' NetLog
323: | CAUSE:
323: | This event is generated when the short-term alarm
323: | threshold has been surpassed in the DT cartridge for the
323: | detection of a degraded minute.
323: | ENVIRONMENT:
323: | Network problems At this point, action has not been taken
323: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
323: | state.
323: | (parameter 1 = DT cartridge number)
323: | HUMAN ACTION:
323: | Intervention is required to find out why the DT cartridge
323: | is alarmed.
324: nw_s_err_sec            P5 'C' NetLog
324: | CAUSE:
324: | This event is generated when the short-term alarm
324: | threshold has been surpassed in the DT cartridge for the
324: | detection of a severely errored second.
324: | ENVIRONMENT:
324: | Network problems At this point, action has not been taken
324: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
324: | state.
324: | (parameter 1 = DT cartridge number)
324: | HUMAN ACTION:
324: | Intervention is required to find out why the DT cartridge
324: | is alarmed.
325: nw_err_sec              P5 'C' NetLog
325: | CAUSE:
325: | This event is generated when the short-term alarm
325: | threshold has been surpassed in the DT cartridge for the
325: | detection of an errored second.
325: | ENVIRONMENT:
325: | Network problems At this point, action has not been taken

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325: |   in the KSU, but the DT cartridge CP F/W is in a no-new-calls
325: |   state.
325: |   (parameter 1 = DT cartridge number)
325: | HUMAN ACTION:
325: |   Intervention is required to find out why the DT cartridge
325: |   is alarmed.
326: nw_cslip_uf                                P5 'C' NetLog
326: | CAUSE:
326: |   This event is generated when the short-term alarm
326: |   threshold has been surpassed in the DT cartridge for the
326: |   detection of controlled slip underflow.
326: | ENVIRONMENT:
326: |   Network problems At this point, action has not been taken
326: |   in the KSU, but the DT cartridge CP F/W is in a no-new-calls
326: |   state.
326: |   (parameter 1 = DT cartridge number)
326: | HUMAN ACTION:
326: |   Intervention is required to find out why the DT cartridge
326: |   is alarmed.
327: nw_cslip_of                                P5 'C' NetLog
327: | CAUSE:
327: |   This event is generated when the short-term alarm
327: |   threshold has been surpassed in the DT cartridge for the
327: |   detection of controlled slip overflow.
327: | ENVIRONMENT:
327: |   Network problems At this point, action has not been taken
327: |   in the KSU, but the DT cartridge CP F/W is in a no-new-calls
327: |   state.
327: |   (parameter 1 = DT cartridge number)
327: | HUMAN ACTION:
327: |   Intervention is required to find out why the DT cartridge
327: |   is alarmed.
328: nw_lcv                                       P5 'C' NetLog
328: | CAUSE:
328: |   This event is generated when the short-term alarm
328: |   threshold has been surpassed in the DT cartridge for the
328: |   detection of a line code violation.
328: | ENVIRONMENT:
328: |   Network problems At this point, action has not been taken
328: |   in the KSU, but the DT cartridge CP F/W is in a no-new-calls
328: |   state.
328: |   (parameter 1 = DT cartridge number)
328: | HUMAN ACTION:
328: |   Intervention is required to find out why the DT cartridge
328: |   is alarmed.
329: nw_los                                       P5 'C' NetLog
329: | CAUSE:
329: |   This event is generated when the short-term alarm
329: |   threshold has been surpassed in the DT cartridge for the
329: |   detection of loss of signal.
329: | ENVIRONMENT:
329: |   Network problems At this point, action has not been taken
329: |   in the KSU, but the DT cartridge CP F/W is in a no-new-calls
329: |   state.
329: |   (parameter 1 = DT cartridge number)
329: | HUMAN ACTION:
329: |   Intervention is required to find out why the DT cartridge

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329: | is alarmed.
330: nw_oof                                P5 'C' NetLog
330: | CAUSE:
330: | This event is generated when the short-term alarm
330: | threshold has been surpassed in the DT cartridge for the
330: | detection of loss of frame.
330: | ENVIRONMENT:
330: | Network problems At this point, action has not been taken
330: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
330: | state.
330: | (parameter 1 = DT cartridge number)
330: | HUMAN ACTION:
330: | Intervention is required to find out why the DT cartridge
330: | is alarmed.
331: nw_ais                                P5 'C' NetLog
331: | CAUSE:
331: | This event is generated when the short-term alarm
331: | threshold has been surpassed in the DT cartridge for the
331: | detection of alarm indication signal.
331: | ENVIRONMENT:
331: | Network problems At this point, action has not been taken
331: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
331: | state.
331: | (parameter 1 = DT cartridge number)
331: | HUMAN ACTION:
331: | Intervention is required to find out why the DT cartridge
331: | is alarmed.
332: nw_rai                                P5 'C' NetLog
332: | CAUSE:
332: | This event is generated when the short-term alarm
332: | threshold has been surpassed in the DT cartridge for the
332: | detection of remote alarm indication.
332: | ENVIRONMENT:
332: | Network problems At this point, action has not been taken
332: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
332: | state.
332: | (parameter 1 = DT cartridge number)
332: | HUMAN ACTION:
332: | Intervention is required to find out why the DT cartridge
332: | is alarmed.
333: nw_oof_16                             P5 'C' NetLog
333: | CAUSE:
333: | This event is generated when the short-term alarm
333: | threshold has been surpassed in the DT cartridge for the
333: | detection of loss of frame in time-slot 16
333: | ENVIRONMENT:
333: | Network problems At this point, action has not been taken
333: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
333: | state.
333: | (parameter 1 = DT cartridge number)
333: | HUMAN ACTION:
333: | Intervention is required to find out why the DT cartridge
333: | is alarmed.
334: nw_ais_16                             P5 'C' NetLog
334: | CAUSE:
334: | This event is generated when the short-term alarm
334: | threshold has been surpassed in the DT cartridge for the

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334: | detection of alarm indication signal in time-slot 16
334: | ENVIRONMENT:
334: | Network problems At this point, action has not been taken
334: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
334: | state.
334: | (parameter 1 = DT cartridge number)
334: | HUMAN ACTION:
334: | Intervention is required to find out why the DT cartridge
334: | is alarmed.
335: nw_rai_16                                P5 'C' NetLog
335: | CAUSE:
335: | This event is generated when the short-term alarm
335: | threshold has been surpassed in the DT cartridge for the
335: | detection of remote alarm indication in time-slot 16
335: | ENVIRONMENT:
335: | Network problems At this point, action has not been taken
335: | in the KSU, but the DT cartridge CP F/W is in a no-new-calls
335: | state.
335: | (parameter 1 = DT cartridge number)
335: | HUMAN ACTION:
335: | Intervention is required to find out why the DT cartridge
335: | is alarmed.
336: nw_evnt_clr                                P5 'C' NetLog
336: | CAUSE:
336: | This event is generated when the long-term alarm has cleared
336: | in the DT cartridge.
336: | ENVIRONMENT:
336: | The Network problems causing the alarm have cleared.
336: | All lines should now be available for out-going calls.
336: | (parameter 1 = DT cartridge number)
337: Clr_netlog                                P4 'E' NetLog
337: | CAUSE:
337: | This event is generated when the Network log has been cleared.
338: DTI_FW_Dnld_Err                            P4 'C'          TestLog
338: | CAUSE:
338: | The log event indicates the DTI on which the problem
338: | occurred, the error code received and the state
338: | in which the download was when the error occurred.
338: | ENVIRONMENT:
338: | This can only happen when DTI cartridges are present
338: | in the system.
338: | HUMAN ACTION:
338: | No intervention is required at this time as it may
338: | simply be a transmission problem that will correct
338: | itself. The download will automatically be
338: | restarted if the maximum number of attempts has
338: | not been exceeded.
339: DTI_Dnld_Fail                              P6 'F'          TestLog Alarm:31
339: | CAUSE:
339: | This log event indicates that the maximum number
339: | of attempts to successfully download a firmware
339: | image to the DTI has been exceeded. The event
339: | contains the DTI for which this has occurred.
339: | ENVIRONMENT:
339: | This can only happen when DTI cartridges are
339: | present in the system.
339: | HUMAN ACTION:

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339: | Check the log events indicating download failures
339: | for the particular DTI which occurred prior to
339: | this alarm. The DTI hardware should be checked
339: | as well as the link between it and the KSU.
340: MsgMonLog                P5 'A'                TestLog
340: | CAUSE:
340: | Software error occurred in Message Monitor session
340: | The problem can be identified by looking at the
340: | Error code (first parameter):
340: | 1: Maintenance Message Monitor does not respond
340: | to request for shutdown. Timeout occurs.
340: | 2: An extraneous message has been received in the
340: | Trunk Message Monitor's W4EndAck state.
340: | Extraneous messages are all messages handled by
340: | the tTrkMsgDecipher message, which are not
340: | expected by this state.
340: | 3: Same as event 2, but the state is MsgMonActive
340: | of Trunk Message Monitor.
340: | 4: This event occurs when the Trunk Message Mon-
340: | itor sends a termination request to Maintenance
340: | Message Monitor but no acknowledgment is
340: | received for 15 s.
340: | 5: Same as event 2, but the state is W$StartAck
340: | of Trunk Message Monitor.
340: | 6 Same as event 2, but the state is AwaitPwd-
340: | Collection of Trunk Message Monitor.
340: | 7 Happens in State W4DS30EndAck of Maintenance
340: | Message Monitor (MMM) when the DTI does not
340: | respond to a request by the MMM to turn off
340: | DS30 Monitoring, and a 15s timeout expires.
340: | 8 Occurs in PrepareShutdown state of Maintenance
340: | Message Monitor. This occurs when the Message
340: | Monitor feature gets a disable when expecting
340: | enable.
340: | 9 This event occurs in PrepareShutdown state of
340: | Maintenance Message monitor. Circumstances
340: | of this event are identical to #7 above.
340: | 10 Occurs in state W4DS30StartAck in Maintenance
340: | Message Monitor. All other particulars of
340: | this event code are the same as Event code 7
340: | 11 Occurs in W4DS30StartAck state in Maintenance
340: | Message Monitor. It is raised when DS30
340: | disable message is received when expecting
340: | enable.
340: | 12 Occurs when the LAD of the trunk involved
340: | in Message Monitor does not correspond to a
340: | DTI unit number. This is a catastrophic
340: | situation and a system crash can occur in
340: | the unit DN_To_Line prior to this logevent
340: | being called.
340: | ENVIRONMENT:
340: | Occurs in a system with P9 KSU with DTI
340: | cartridge. The Message Monitor feature must
340: | be present in the software load.
340: | HUMAN ACTION:
340: | The raising of this log event indicates an
340: | interaction problem in Message Monitor software.

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340: | Report the traceback and Parameter of the
340: | Event. System will continue to function
340: | normally, but terminate the message monitor
340: | session.
341: lnprov_err          P4 'A'          Trace          TestLog
341: | CAUSE:
341: | This is a software error associated with line provisioning.
341: | ENVIRONMENT:
341: | This event may be generated due to: trying to provision
341: | a line that is already provisioned trying to deprovision
341: | a line that is already deprovisioned if the deprov/prov
341: | software receives an action with a line that is invalid.
341: | (parameter 1 = line number parameter 2 = reason)
341: | HUMAN ACTION:
341: | This event should not occur in the field. If this event
341: | occurs, note this and generate a problem report.
342: bad_mtc_mmi         P4 'A'          Trace          TestLog
342: | CAUSE:
342: | This is a software error associated with the
342: | maintenance terminal emulator.
342: | ENVIRONMENT:
342: | Possible causes: receiving a message from the mtc srvr
342: | with an invalid parameter or the wrong number of parameters.
342: | (parameter 1 = command, parm 2 = commd_type, parm 3 = data)
342: | HUMAN ACTION:
342: | This event should not occur in the field. If this event
342: | occurs in the field or the lab, generate a PR on it.
343: Wrong_TC_Type       P8 'F'          TestLog Alarm:67
343: | CAUSE:
343: | This alarm indicates that an invalid trunk cartridge
343: | has been connected in the indicated port.
343: | ENVIRONMENT:
343: | R100A Global products.
343: | HUMAN ACTION:
343: | Disconnect the trunk cartridge in the indicated port
343: | and make sure it is valid for the current country.
344: Cc_Set_DTI_Setting  P0 'E'
Restart
344: | CAUSE:
344: | This log event is designed to trigger the KSU reset as the
344: | result of changing the DTI clock control settings.
344: | Parm 1 = Primary DTI Id
344: | Parm 2 = Primary Clock Control settings before the change
344: | Parm 3 = Primary Clock Control settings after the change
344: | Parm 4 = Secondary DTI Id
344: | Parm 5 = Secondary Clock Control settings before the change
344: | Parm 6 = Secondary Clock Control settings after the change
344: | ENVIRONMENT:
344: | This occurs when the craftperson changes the DTI's setting
344: | which satisfies one of the following criteria:-
344: | NTR -> Primary/Secondary
344: | Primary -> Secondary
344: | Secondary -> Primary
344: | HUMAN ACTION:
344: | None.
345: MTE_timer           P4 'A'          Trace          TestLog
345: | CAUSE:

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345: | This is a software error associated with
345: | maintenance MMI. This occurs when a request
345: | to the Maint. Srvr. is duplicated.
345: | ENVIRONMENT:
345: | This occurs if the system is not responding
345: | appropriately to MTE requests.
345: | HUMAN ACTION:
345: | This event should not occur in the field. If
345: | this event occurs, note the qry_status code
345: | and the last operation attempted and generate
345: | a problem report.
346: qrystat_pblm          P4 'A'          Trace          TestLog
346: | CAUSE:
346: | This is a software error associated with
346: | maintenance MMI. This occurs when a query
346: | status code has been returned but the parameter
346: | code returned was not handled properly.
346: | ENVIRONMENT:
346: | This occurred if the Maint. Srvr. and MTE are
346: | not sending requests to each other properly.
346: | HUMAN ACTION:
346: | This event should not occur in the field. If
346: | this event occurs, note the query status
346: | parameter and generate a problem report.
347: mod_chg_failure       P4 'A'          Trace          TestLog
347: | CAUSE:
347: | This is a software error associated with
347: | maintenance MMI. This occurs when a module
347: | enable or disable request has been rejected by
347: | the Maint. Srvr.
347: | ENVIRONMENT:
347: | This occurs if the duplicate requests are being
347: | sent from the MTE requests.
347: | HUMAN ACTION:
347: | This event should not occur in the field. If
347: | this event occurs, note the code disable = 10
347: | or enable = 12 and generate a problem report.
348: Cc_Err_Config          P6 'F'          Trace AdmLog TestLog
348: | CAUSE:
348: | The system is suspected with the configuration
348: | setup error. There is a detection of a DTI
348: | cartridge which was supposed to be a clock source.
348: | However, there is no clock control hardware
348: | inserted in the KSU.
348: | ENVIRONMENT:
348: | This occurs when a DTI is being programmed to be
348: | the possible clock source.
348: | HUMAN ACTION:
348: | The craftperson should check the hardware inside
348: | the KSU to ensure the service card is being plugged
348: | in.
349: CSU_Error              P3 'A'          Trace          TestLog
349: | CAUSE:
349: | The CSU feature detected an error.
349: | ENVIRONMENT:
349: | This occurs when a DTI has the CSU mode administered
349: | to on and in the process of recording CSU information

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349: | the feature detected an error.
349: | HUMAN ACTION:
349: | Customer should contact the installer to get the event
349: | traceback.
350: ev_CtrySelnRequired          P9 'F'                      TestLog Alarm:39
350: | CAUSE:
350: | The country is not set or is invalid.
350: | ENVIRONMENT:
350: | This occurs when a global product is first installed
350: | or is cold-started.
350: | HUMAN ACTION:
350: | The installer must select the appropriate
350: | country.
351: CcNtwkSrcPriority            P6 'F'                      AdmLog          Alarm:32
351: | CAUSE:
351: | A BRI card has been selected as the primary clock
351: | source rather than a DTI.
351: | ENVIRONMENT:
351: | This occurs during startup on a system which supports
351: | both DTI and BRI trunk cards.
351: | HUMAN ACTION:
351: | On systems which can administer the primary and
351: | secondary clock source, the slot containing the DTI
351: | must be administered to be primary. On other systems
351: | the DTI must be plugged into the first on-core slot.
352: TeiRequestErr                P1 'D'                      TestLog Alarm:72
352: | CAUSE:
352: | Based on the first parameter the causes are:
352: | 1 More than 8 TEIs have been requested for a s-loop.
352: | 2 The same (loop, tei) has been required when the (loop, tei)
352: | is in use.
352: | 3 Attempt to add a terminal when the TEI/CES list is full.
352: | Parm 2: the loop number
352: | Parm 3: the requested TEI.
352: | ENVIRONMENT:
352: | It occurs in an ISDN platform where only 8 TEIs can be
352: | accepted for a s-loop.
352: | HUMAN ACTION:
352: | Withdraw the last request for a TEI.
353: BRI_GEN_MAINT                 P5 'A'                      TestLog
353: | CAUSE:
353: | The BRI maintenance state machine receives an event that
353: | does not make sense for the current state.
353: | PARAM 0-1: BRI card no.
353: | PARAM 2 : error type.
353: | PARAM 3-6 : optional parameters
353: | ENVIRONMENT:
353: | The event occurs on the BRI card.
353: | HUMAN ACTION:
353: | None.
354: BRI_CARD_EVENT                P5 'B'                      TestLog
354: | CAUSE:
354: | Bad Stimulus message received by BRI from CCU
354: | PARAM 1: error id
354: | PARAM 2-4: optional parameters
354: | ENVIRONMENT:
354: | The event occurs on the BRI card.

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354: | HUMAN ACTION:
354: |   None.
355: StartBRIDownload          'E'                      Alarm:34
355: | CAUSE:
355: |   This alarm occurs when a BRI download begins
355: |   it does not indicate a problem with any BRI card.
355: |   This alarm normally occurs only once when one
355: |   or more BRI cards need to be downloaded, but may
355: |   occur more than once if retries are necessary or
355: |   some BRI cards come up late.
355: | ENVIRONMENT:
355: |   This can only happen when BRI cards are present
355: |   in the system.
355: | HUMAN ACTION:
355: |   During BRI download, system performance may be
355: |   sluggish, and BRI functionality will not be
355: |   complete. It is therefore best to wait for the
355: |   BRI Download Done alarm.
356: DT_BRIFail                P6 'F'                      TestLog Alarm:35
356: | CAUSE:
356: |   An error has been detected that has prevented a BRI
356: |   firmware download from completing correctly. The BRI
356: |   card will thus be unusable. The event parameters are:
356: |   1) a code describing the nature of the error
356: |   2) maintenance index of the BRI
356: |   3) current download state
356: |   4) optionally: BRI's port index
356: |   download session number
356: |   BRI response error code
356: |   state-dependant data (2 bytes)
356: | ENVIRONMENT:
356: |   This can only happen when BRI cards are present
356: |   in the system.
356: | HUMAN ACTION:
356: |   The BRI card will not be brought on-line by the
356: |   system. The reason code should be used to
356: |   identify the nature of the error. Perform
356: |   diagnostics on the BRI card.
357: BRI_FW_Sl_Err              P4 'C'                      TestLog
357: | CAUSE:
357: |   An error has occurred during a firmware download to a
357: |   BRI card. The three event parameters are:
357: |   1) the maintenance index of the BRI
357: |   2) a code describing the nature of the error
357: |   3) the current download state
357: | ENVIRONMENT:
357: |   This can only happen when BRI cards are present
357: |   in the system.
357: | HUMAN ACTION:
357: |   This error by itself may be harmless and not prevent
357: |   the BRI from functioning. However, if the BRI later
357: |   fails, the data provided in this message may be useful.
358: BRI_FW_Sl_Fail             P6 'F'                      TestLog Alarm:36
358: | CAUSE:
358: |   An error has been detected that has prevented a BRI
358: |   firmware download from completing correctly, even after
358: |   retries were performed (if applicable). The BRI card

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358: | will thus be unusable. The card's maintenance index
358: | is given as the event parameter.
358: | ENVIRONMENT:
358: | This can only happen when BRI cards are
358: | present in the system.
358: | HUMAN ACTION:
358: | Check the log events for previous download errors
358: | on this BRI. The BRI hardware should be checked
358: | as well as the link between it and the KSU.
359: BRI_Lp_Err_Cnt          P2 'E'          AdmLog
359: | CAUSE:
359: | This log event is for information purposes only.
359: | It is generated whenever a BRI Loop is deprovisioned.
359: | The parameters display a loop index and
359: | all of the error counts on that loop.
359: | ENVIRONMENT:
359: | This can only happen when BRI cards are
359: | present in the system.
359: | HUMAN ACTION:
359: | If a large number of errors are occurring, check
359: | the card wiring and setup. If this proves to
359: | be correct, a hardware problem may exist.
360: BRI_PT_Err              P4 'C'              TestLog
360: | CAUSE:
360: | An error that may be recoverable has occurred during
360: | a protocol download to a BRI card. The four event
360: | parameters are:
360: | 1) the maintenance index of the BRI
360: | 2) a code describing the nature of the error
360: | 3) the current download state
360: | 4) the two-character product id of the current
360: | protocol
360: | ENVIRONMENT:
360: | This can only happen when BRI cards are present
360: | in the system.
360: | HUMAN ACTION:
360: | This error by itself may be harmless and not prevent
360: | the BRI from functioning. However, if the BRI later
360: | fails, the data provided in this message may be useful.
361: BRI_PT_Fail             P6 'F'             TestLog Alarm:37
361: | CAUSE:
361: | An unrecoverable error has occurred during a protocol
361: | download to a BRI card. If the fourth parameter below is
361: | present, then the error is limited to one protocol, in
361: | which case that particular protocol will be unavailable.
361: | If the fourth parameter is not present, the entire BRI
361: | will be unusable. The four event parameters are:
361: | 1) the maintenance index of the BRI
361: | 2) a code describing the nature of the error
361: | 3) the current download state
361: | 4) optionally, the two-character product id of the
361: | protocol to which the error applies
361: | ENVIRONMENT:
361: | This can only happen when BRI cards are
361: | present in the system.
361: | HUMAN ACTION:
361: | Check the log events for previous download errors

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361: | on this BRI. The BRI hardware should be checked
361: | as well as the link between it and the KSU.
362: Lg_Start_BERT          P4 'E'          TestLog
362: | CAUSE:
362: | A Bit Error Rate Test has been started.
362: | PARM 0: DN of the set under test.
362: | Occupies two bytes
362: | PARM 1: Test type
362: | Occupies a nibble
362: | PARM 2: Test Result
362: | Occupies a nibble
362: | ENVIRONMENT:
362: | The event occurs on the KSU.
362: | HUMAN ACTION:
362: | None.
363: Lg_Stop_BERT           P4 'E'          TestLog
363: | CAUSE:
363: | A Bit Error Rate Test has stopped.
363: | PARM 0: DN of the set under test
363: | Occupies two bytes
363: | PARM 1: Test type
363: | Occupies a nibble
363: | PARM 2: Test Result
363: | Occupies a nibble
363: | PARM 3: BER value
363: | Occupies 2 bytes
363: | ENVIRONMENT:
363: | The event occurs on the KSU.
363: | HUMAN ACTION:
363: | None.
364: ItArraysOvfl           P4 'D'          TestLog
364: | CAUSE:
364: | Based on the first parameter the causes are:
364: | 0 the BC array overflows.
364: | 1 the HLC array overflows.
364: | 2 the LLC array overflows.
364: | 3 the Calling Party Subaddressing array overflows.
364: | 4 the Called Party Subaddressing array overflows.
364: | 5 the Connected Party Subaddressing array overflows.
364: | 6 the Redirecting number array overflow.
364: | 7 the Signal IE array overflow.
364: | 8 the Progress Indicator array overflow.
364: | 9 the Cause IE array overflow.
364: | 10the Type of number and numbering plan array overflow.
364: | 11the IT Index Look Up Table overflows.
364: | ENVIRONMENT:
364: | It occurs in ISDN systems when trying to store data in a buffer
364: | but no more space left in the buffer. The size of the buffer
364: | should be engineered higher.
364: | HUMAN ACTION:
364: | Contact NT and report the issue.
365: SIU_Error               P5 'C'          Trace      TestLog
365: | CAUSE:
365: | An error is detected by the Synchronization Interface Unit (SIU)
365: | Maintenance Software. The parameters indicate the error type.
365: | ENVIRONMENT:
365: | The event occurs on systems which support SIUs.

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365: | HUMAN ACTION:
365: |   Depending on the error type, the unit may have to be replaced.
366: SIU_SoftErr          P5 'C'          Trace          TestLog
366: | CAUSE:
366: |   A software error occurs in the SIU maintenance software.
366: |   The parameters indicate the error type.
366: | ENVIRONMENT:
366: |   The event occurs on systems which support SIUs.
366: | HUMAN ACTION:
366: |   None. This event is mainly for debugging during development.
367: EV_CARD_RESET       P5 'B'          TestLog
367: | CAUSE:
367: |   A reset has occurred in the BRI or DTI card.
367: |   The first parameter indicates the card index, and the
367: |   second parameter whether it is a BRI or DTI card.
367: | ENVIRONMENT:
367: |   The event occurs only if there are BRI or DTI cards
367: |   present in the system.
367: | HUMAN ACTION:
367: |   Obtain the BRI/DTI traceback for the card that reset.
368: StartASMDownload    P7 'E'
368: | CAUSE:
368: |   This event occurs when a ASM download begins
368: |   it does not indicate a problem with any ASM card.
368: |   This event normally occurs only once when one
368: |   or more ASMs need to be downloaded, but may
368: |   occur more than once if retries are necessary or
368: |   some ASMs come up late.
368: | ENVIRONMENT:
368: |   This can only happen when ASMs are present
368: |   in the system.
368: | HUMAN ACTION:
368: |   During ASM download, system performance may be
368: |   sluggish, and ASM functionality will not be
368: |   complete. It is therefore best to wait for the
368: |   ASM Download Done alarm.
369: DT_ASMFail          P6 'F'          TestLog Alarm:79
369: | CAUSE:
369: |   An error has been detected that has prevented a ASM
369: |   firmware download from completing correctly. The ASM
369: |   will thus be unusable. The event parameters are:
369: |   1) a code describing the nature of the error
369: |   2) maintenance index of the ASM
369: |   3) current download state
369: |   4) optionally: ASM's port index
369: |   download session number
369: |   ASM response error code
369: |   state-dependant data (2 bytes)
369: | ENVIRONMENT:
369: |   This can only happen when ASMs are present
369: |   in the system.
369: | HUMAN ACTION:
369: |   The ASM will not be brought on-line by the
369: |   system. The reason code should be used to
369: |   identify the nature of the error and the
369: |   the state of the ASM download. Perform
369: |   diagnostics on the ASM.

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370: NO_CC                                P5 'C'                                TestLog Alarm:74
370: | CAUSE:
370: | This logevent is related to the service card
370: | which is currently not present in the KSU.
370: | The parameters are :
370: | 1) Bus number
370: | 2) Slot number within the bus number
370: | ENVIRONMENT:
370: | The event occurs only if the KSU has a BRI
370: | card. The BRI card needs the
370: | clock control provided by the service card.
370: | If this event occurs, the BRI card will not boot.
370: | HUMAN ACTION:
370: | Customer should contact the installer to have
370: | the service card installed in the KSU.
371: CC_TRCK_STAT                          P2 'E' NetLog                                TestLog Alarm:73
371: | CAUSE:
371: | This logevent/alarm is generated whenever the
371: | clock control server changes from tracking,
371: | either the primary or secondary, to freerun.
371: | ENVIRONMENT:
371: | This event can occur for a variety of reasons.
371: | The intent is to provide indication that tracking
371: | has been lost. This is important for data
371: | applications.
371: | HUMAN ACTION:
371: | Unless the problem is due to the customer, e.g.
371: | unplugging the digital link, the customer should
371: | contact the installer.
372: CC_MSTR_CHG                            P2 'E' NetLog                                TestLog
372: | CAUSE:
372: | This logevent is generated whenever the clock
372: | control server switches the clock master, i.e.
372: | from primary to secondary and vice versa or
372: | tracking is re-established on one of the clock
372: | sources.
372: | The parameter indicates the new clock source :
372: | 0 - Tracking on primary
372: | 1 - Tracking on secondary
372: | ENVIRONMENT:
372: | This event can occur for a variety of reasons.
372: | The intent is to provide indication that tracking
372: | has changed or re-established. This is important
372: | for data applications.
372: | HUMAN ACTION:
372: | Unless the problem is due to the customer, e.g.
372: | unplugging the digital link, the customer should
372: | contact the installer.
400: ADMIN_Startup                        P9 'E'                                AdmLog
Restart
400: | CAUSE:
400: | Doing a warm start.
400: | ENVIRONMENT:
400: | The event occurs on the KSU.
400: | HUMAN ACTION:
400: | None.
401: No_entry_for_tn                      P4 'B'                                Trace                                TestLog

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401: | CAUSE:
401: |   A search of the terminal address table failed to
401: |   find a TN that matched the TN of the device that
401: |   is initializing and requesting its LAD. The device
401: |   will fail to initialize. This is a SW error, since
401: |   every TN on the KSU must be defined in this table.
401: | ENVIRONMENT:
401: |   Can occur on initialization of any TCM peripheral.
401: | HUMAN ACTION:
401: |   Identify the TCM ports where this problem occurs
401: |   by unplugging and reattaching the device on each PORT_PARM,
401: |   and noting whether this event occurs.
401: |   Report the problem and the KSU software version.
402: Terminal_type_mismatch      P4 'A'          Trace          TestLog
402: | CAUSE:
402: |   At the moment of this writing, this event was not being used.
402: | ENVIRONMENT:
402: |   None.
402: | HUMAN ACTION:
402: |   None.
403: Bad_STNX_type                P4 'A'          Trace          TestLog
403: | CAUSE:
403: |   The code is dealing with an invalid station index type.
403: | ENVIRONMENT:
403: |   The event occurs on the KSU.
403: | HUMAN ACTION:
403: |   Customer should contact the installer to get the event tracebacks.
405: XFC_NVRAM_Corruption          P4 'A'          Trace          TestLog
405: | CAUSE:
405: |   The X-Feature NVRAM memory block is corrupted.
405: |   The memory block has been overwritten or it has been written to but
405: |   the checksum has not been updated.
405: | ENVIRONMENT:
405: |   The event occurs on the KSU.
405: | HUMAN ACTION:
405: |   Customer should contact installer to get the event tracebacks..
406: XFC_Unrecognizable_Parm       P4 'A'          Trace          TestLog
406: | CAUSE:
406: |   An X-Xfeature was launched but a parameter in the message
406: |   was invalid.
406: | ENVIRONMENT:
406: |   The event occurs on the KSU.
406: | HUMAN ACTION:
406: |   Customer should contact the installer
406: |   to get the event tracebacks and retry the X-Feature.
407: Out_of_Bins                   P2 'D'          Trace          TestLog
407: | CAUSE:
407: |   There are too many personal speed dialers or hotlines stored.
407: |   If programming a set, the programming has failed.
407: |   IF copying set data, the hotline or speed dial data was
407: |   not all successfully copied.
407: | ENVIRONMENT:
407: |   The event occurs on the KSU.
407: | HUMAN ACTION:
407: |   Customer should remove some of the personal speed dialers
407: |   or hotlines.
408: No_Pool_Space                 P2 'D'          TestLog

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408: | CAUSE:
408: | At the moment of this writing, this event was not being used.
408: | ENVIRONMENT:
408: | None.
408: | HUMAN ACTION:
408: | None.
409: Spd_Pool_Corrupted          P2 'A'          Trace          TestLog
409: | CAUSE:
409: | The NVRAM memory block that contains the personal speed
409: | dialers information is corrupted.
409: | This might be caused by the checksum not being saved after
409: | writing to the block or that the block is being overwritten.
409: | ENVIRONMENT:
409: | The event occurs on the KSU.
409: | HUMAN ACTION:
409: | Customer should contact the installer to get the event tracebacks.
410: No_LHD_Left                  P2 'D'          TestLog
410: | CAUSE:
410: | There is not enough memory to handle this request.
410: | This is caused by the fact that there are too many line
410: | appearances on the sets, too many intercom keys per set,
410: | too many ILG appearances on the sets, too many answer keys on
410: | the sets.
410: | ENVIRONMENT:
410: | The event occurs on the KSU.
410: | HUMAN ACTION:
410: | Customer should reduce the number of line, intercom, ILG, answer key
410: | physical appearances on sets.
411: Inv_adm_event                P2 'A'          Trace          TestLog
411: | CAUSE:
411: | An unexpected FUMP message was received
411: | by the admin server during an admin session.
411: | This may be a session involving DN changes.
411: | ENVIRONMENT:
411: | Occurs during or after user exit from admin session.
411: | HUMAN ACTION:
411: | Record the event traceback and report the error.
412: Inst_pw_change                P5 'E'          AdmLog
412: | CAUSE:
412: | The installer password has been changed.
412: | The parameter contains the DN of the set that changed the password.
412: | ENVIRONMENT:
412: | The event occurs on the KSU.
412: | HUMAN ACTION:
412: | None.
413: Cust_pw_change                P3 'E'          AdmLog
413: | CAUSE:
413: | The customer password has been changed.
413: | The parameter contains the DN of the set that changed the password.
413: | ENVIRONMENT:
413: | The event occurs on the KSU.
413: | HUMAN ACTION:
413: | None.
414: Inv_inst_pw                   P5 'E'          AdmLog
414: | CAUSE:
414: | Someone is trying to enter the installer password.
414: | The parameter contains the DN of the set that is trying to

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414: | enter the password.
414: | ENVIRONMENT:
414: | The event occurs on a set.
414: | HUMAN ACTION:
414: | If this happens too much, change the password.
415: Inv_cust_pw          P3 'E'          AdmLog
415: | CAUSE:
415: | Someone is trying to enter the customer password.
415: | The parameter contains the DN of the set that is trying to
415: | enter the password.
415: | ENVIRONMENT:
415: | The event occurs on a set.
415: | HUMAN ACTION:
415: | If this happens too much, change the password.
416: Config_Entered      P4 'E'          AdmLog
416: | CAUSE:
416: | Someone is entering **CONFIG.
416: | The parameter contains the DN of the set that is being used to
416: | enter **CONFIG.
416: | ENVIRONMENT:
416: | The event occurs on a set.
416: | HUMAN ACTION:
416: | None.
417: ADMIN_Entered       P2 'E'          AdmLog
417: | CAUSE:
417: | Someone is entering **ADMIN.
417: | The parameter contains the DN of the set that is being used to
417: | enter **ADMIN.
417: | ENVIRONMENT:
417: | The event occurs on a set.
417: | HUMAN ACTION:
417: | None.
418: PDN_chng_success    P7 'E'          AdmLog
418: | CAUSE:
418: | The DN's of one or more terminals have been changed
418: | successfully by a user in system configuration.
418: | This can be either a DN length change, or individual
418: | DN changes.
418: | ENVIRONMENT:
418: | Occurs after exit from the admin session, and the
418: | pending DN changes have been completed.
418: | HUMAN ACTION:
418: | This is for information only. User access to system
418: | configuration can be controlled with a password.
419: Time_changed        P2 'E'          AdmLog
419: | CAUSE:
419: | Someone just changed the system time and/or date.
419: | ENVIRONMENT:
419: | The event occurs on a set.
419: | HUMAN ACTION:
419: | Make sure the time and date are OK.
421: PDN_chng_failure    P8 'F'          AdmLog
421: | CAUSE:
421: | Pending DN changes initiated by a user in system
421: | configuration have not completed successfully.
421: | These can be either a DN length change, or individual
421: | DN changes. The maintenance server has terminated

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421: | before completion, a FUMP timeout has occurred, or
421: | the KSU was rebooted before the changes completed.
421: | ENVIRONMENT:
421: | Occurs after exit from the admin session, or after
421: | KSU powerup.
421: | HUMAN ACTION:
421: | This is for information only. Verify whether all DNs
421: | changed by the user have taken effect, and if not,
421: | repeat remaining changes in system configuration.
422: PDN_len_request          P6 'E'          AdmLog
422: | CAUSE:
422: | A request to change DN length has been received
422: | in a system configuration session. The event parameter
422: | is the LAD of the terminal in the admin session.
422: | ENVIRONMENT:
422: | Occurs during a user configuration session, or in
422: | a FUMP session with the admin server.
422: | HUMAN ACTION:
422: | This is for information only. User access to system
422: | configuration can be controlled by a password.
423: PDN_ind_request          P6 'E'          AdmLog
423: | CAUSE:
423: | A request to change an individual DN has been
423: | received in a system configuration session. The event
423: | parameter is the LAD of the terminal in admin session.
423: | ENVIRONMENT:
423: | Occurs during a user configuration session, or in
423: | a FUMP session with the admin server.
423: | HUMAN ACTION:
423: | This is for information only. User access to system
423: | configuration can be controlled by a password.
424: ADMIN_DTMF_rx_Bad        P8 'B'          Trace          TestLog
424: | CAUSE:
424: | S/W errors have occurred to throw the DTMF pool
424: | manager indices out of whack. May also be a memory
424: | trouncing problem.
424: | ENVIRONMENT:
424: | All DTMF rx products (post MODULAR DR4)
424: | HUMAN ACTION:
424: | None. Serious error if occurs in field, robustness
424: | of DID calls will be questionable. Need to investigate
424: | scenario in lab.
425: FP_Error                  P7 'D'          Trace          TestLog
425: | CAUSE:
425: | There is a conflict when updating the flexible parser.
425: | Trying to add a DN that is already in the table.
425: | The parameter contains the reason for error.
425: | ENVIRONMENT:
425: | The event occurs on the KSU.
425: | HUMAN ACTION:
425: | Customer should change the numbering plan or the call park prefix
425: | or any other DNs in the system.
426: dmLgBadId                 P8 'B'
Restart
426: | CAUSE:
426: | The Data Manager received a request
426: | from a KSU application procedure

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426: |   for an invalid data block Id or service Id.
426: | ENVIRONMENT:
426: |   KSU software error.
426: | HUMAN ACTION:
426: |   None - unrecoverable error.
427: dmLgInUse                               P8 'B'
Restart
427: | CAUSE:
427: |   The Data Manager received a request
427: |   from a KSU application procedure to register
427: |   a data block or service that has already been registered.
427: | ENVIRONMENT:
427: |   KSU software error.
427: | HUMAN ACTION:
427: |   None - unrecoverable error.
428: dmLgNotInUse                             P8 'B'
Restart
428: | CAUSE:
428: |   The Data Manager received a request
428: |   from a KSU application procedure to access
428: |   a data block or service that has already been registered.
428: | ENVIRONMENT:
428: |   KSU software error.
428: | HUMAN ACTION:
428: |   None - unrecoverable error.
429: dmLgNoSpace                             P8 'B'
Restart
429: | CAUSE:
429: |   The Data Manager received a request
429: |   from a KSU application procedure
429: |   to allocate or resize NVRAM for a data block
429: |   which it could not satisfy because either there
429: |   is insufficient NVRAM available or the requested
429: |   size was a negative value.
429: | ENVIRONMENT:
429: |   KSU software error.
429: | HUMAN ACTION:
429: |   None - unrecoverable error.
430: dmLgAddrError                             P8 'B'
Restart
430: | CAUSE:
430: |   The Data Manager received a request
430: |   from a KSU application procedure
430: |   to read or write to an address outside the boundaries of the
430: |   of the specified data block.
430: | ENVIRONMENT:
430: |   KSU software error. Currently not in use.
430: | HUMAN ACTION:
430: |   None - unrecoverable error.
431: dmLgInitCold                             P4 'C'                               TestLog
431: | CAUSE:
431: |   A data corruption in a critical NVRAM data block was
431: |   detected resulting in a cold start of the system.
431: | ENVIRONMENT:
431: |   The NVRAM decays over time when not installed in a
431: |   running KSU. The corruption will be detected on system
431: |   startup.

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431: | Currently not in use.
431: | HUMAN ACTION:
431: | If the problem re-occurs and the NVRAM has not been
431: | without power for a significant duration then
431: | the NVRAM might be suspect.
432: dmLgUnavailable          P8 'B'
Restart
432: | CAUSE:
432: | The Data Manager received a request
432: | from a KSU application procedure to perform a function
432: | that is not allowed from the context in which it was
432: | called usually after system initialization is complete.
432: | ENVIRONMENT:
432: | KSU software error.
432: | HUMAN ACTION:
432: | None - unrecoverable error.
433: BMerror          P4 'A'          Trace          TestLog
433: | CAUSE:
433: | The admin 'big' machine is the software entity driving the
433: | user admin sessions. This event is a generic event indicating
433: | that this entity has encountered a software problem.
433: | The nature of the problem is explained by the value of
433: | of INT_PARMS: (the following info is technical)
433: | 0 (bmeNoError) no error
433: | 1 (bmeSMactivate) SM activation failed
433: | 2 (bmeBMactivate) BM activation failed
433: | 3 (bmeBadMsg) the BM environment has encountered
433: | an unexpected message
433: | 4 (bmeBMinit) BM instantiation failed
433: | 5 (bmeMySetup) error associated with MySetUp proc.
433: | 6 (bmeSQmap) square set key mapping missing
433: | 7 (bmeWopen) BM window open failed
433: | 8 (bmeTimeout) error in BM timer procs.
433: | 9 (bmeSMinit) SM instantiation failed
433: | 10 (bmeBMvec) error in BMvec initialization
433: | 11 (bmeBadState) BM asked to navigate to a NilState
433: | 12 (bmeCommit) inconsistency in commitBM
433: | ENVIRONMENT:
433: | This event should never occur in a proper load.
433: | HUMAN ACTION:
433: | Check that the software load is appropriate and up to date.
433: | This event should be reported if it occurs.
434: Reg_pw_change          P3 'E'          AdmLog
434: | CAUSE:
434: | The register password has been changed.
434: | The DN of the set that was used to change the password
434: | is contained in the parameter.
434: | ENVIRONMENT:
434: | The event occurs on a set.
434: | HUMAN ACTION:
434: | None.
435: Too_Many_NIMS          P3 'E'          AdmLog
435: | CAUSE:
435: | A second CII was plugged into the system. The KSU
435: | only supports one CII unit.
435: | ENVIRONMENT:
435: | North American CLASS/CMS system using a CII unit to

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435: | gather CLASS/CMS information for the core trunks.
435: | HUMAN ACTION:
435: | Unplug the second NIM.
436: NIM_Died                P1 'C'                Trace AdmLog
436: | CAUSE:
436: | No more communication between CII and KSU. CII unit
436: | may have been unplugged.
436: | ENVIRONMENT:
436: | North American CLASS systems using a CII unit to
436: | gather CLASS/CMS information for the core trunks.
436: | HUMAN ACTION:
436: | Check the CII connection.
437: errDAI                  P8 'B'
Restart
437: | CAUSE:
437: | Something has gone wrong in the DAI.
437: | The parameters contain the cursor data.
437: | ENVIRONMENT:
437: | The event occurs on the KSU.
437: | HUMAN ACTION:
437: | Customer should contact the installer to get the traceback data.
438: A_Msg_Mon_Log_Event      P4 'E'                AdmLog
438: | CAUSE:
438: | This event occurs when a message monitor session
438: | is successfully invoked. This means that the
438: | Message Monitor password has been properly entered.
438: | This log event is provided as a security measure.
438: | ENVIRONMENT:
438: | Occurs in a system with P9 KSU with DTI
438: | cartridge. The Message Monitor feature must
438: | be present in the software load.
438: | HUMAN ACTION:
438: | This is a security information message only.
438: | Ensure that the Message Monitor session is
438: | an authorized one. If not, change the
438: | Installer password to prevent reoccurrence.
439: unsupp_query             P4 'A'
439: | CAUSE:
439: | A call to GetValue was made requesting an unsupported query.
439: | ENVIRONMENT:
439: | This occurs only in the lab. Anybody who uses GetValue should
439: | make sure they don't make unsupported queries!
439: | HUMAN ACTION:
439: | None.
440: Swkey_BadPswd            P4 'E'                AdmLog
440: | CAUSE:
440: | This event occurs when an invalid password has been entered
440: | for a software key. It is used to trace attempts at fraudulent
440: | attempts at guessing passwords.
440: | ENVIRONMENT:
440: | Occurs in a system which has software key capabilities and a
440: | user in an administration session has entered an invalid
440: | software key to activate a feature.
440: | HUMAN ACTION:
440: | This is a security information message only.
440: | Many occurrences of this event could indicate that someone
440: | is attempting to break the system.

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441: ADError                                P2 'D'                                AdmLog
441: | CAUSE:
441: |   The ANI DNIS entity has received an interdigit timeout
441: |   at the start of or during the collection of address
441: |   digits. The first two parameters indicate the trunk number,
441: |   the third parm is the ANI DNIS log event reason.
441: |   This could occur because the ANI DNIS setting or trunk
441: |   type administration for the trunk is not compatible with
441: |   the far end. It could also occur if the far end is
441: |   failing to adhere to the ANI/DNIS or Address digit
441: |   protocol.
441: | ENVIRONMENT:
441: |   This occurs on systems supporting ANI DNIS.
441: | HUMAN ACTION:
441: |   Check to make sure that the trunk is administered
441: |   on Norstar the same way that the far end is.
442: ADCallDropped                          P5 'D'                                AdmLog
442: | CAUSE:
442: |   The ANI DNIS entity has received an interdigit timeout
442: |   while waiting for ANI or DNIS digits.
442: |   The first two parameters indicate the trunk number,
442: |   the third parm is the ANI DNIS log event reason.
442: |   This could occur because the ANI DNIS setting of the
442: |   Norstar trunk is not compatible with the far end. It
442: |   could also occur if the far end is not delivering the
442: |   ANI/DNIS protocol correctly.
442: |   When this event happens Norstar drops the call with
442: |   5 seconds of overflow tone.
442: | ENVIRONMENT:
442: |   This occurs on systems supporting ANI DNIS.
442: | HUMAN ACTION:
442: |   Check to make sure the trunk is administered on
442: |   Norstar the same way that the far end is.
443: NoKeyNoCredits                          P4 'B'                                TestLog
443: | CAUSE:
443: |   This event occurs when the installer attempts to provision a line.
443: |   The software allocates what should be sufficient credits to allow
443: |   all lines to be provisioned in a system which is not explicitly
443: |   controlled by software keys. If, for some reason, the system can
443: |   support more DTI channels than the software accounted for, then this
443: |   event is raised to alert the programmers of this.
443: | ENVIRONMENT:
443: |   Occurs in a system which does not have software key capabilities and
443: |   a user in an administration session has provisioned more DTI channels
443: |   than the software knows about.
443: | HUMAN ACTION:
443: |   This is a software defect, contact an NT representative to resolve.
444: ACD_Overflow                            P4 'A'                                TestLog
444: | CAUSE:
444: |   ACD_Overflow - Activity_Chain_Dump_Overflow:
444: |   An overflow has occurred while dumping the entities on the
444: |   MPE chain to the chaininfo array.
444: | ENVIRONMENT:
444: |   The event may occur on any KSU supporting **DEBUG.
444: | HUMAN ACTION:
444: |   None.
445: Reg_Entered                             P3 'E'                                AdmLog

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445: | CAUSE:
445: |   Someone is entering **REG.
445: |   The parameter contains the DN of the set that is being used to
445: |   enter **REG.
445: | ENVIRONMENT:
445: |   The event occurs on a set.
445: | HUMAN ACTION:
445: |   None.
446: Inv_reg_pw                P3 'E'                AdmLog
446: | CAUSE:
446: |   Someone is trying to enter the registration password.
446: |   The parameter contains the DN of the set that is trying to
446: |   enter the password.
446: | ENVIRONMENT:
446: |   The event occurs on a set.
446: | HUMAN ACTION:
446: |   If this happens too much, change the password.
447: ISDNSTEMuleExhausted      P1 'D'                TestLog Alarm:73
447: | CAUSE:
447: |   All possible ISDN DNs have been used for ISDN
447: |   S-loop terminals. No DN is available to the
447: |   new ISDN S-loop terminal plugged in the system.
447: | ENVIRONMENT:
447: |   It occurs on ISDN systems where a new S-loop terminal
447: |   is plugged in when no more emulator is available.
447: | HUMAN ACTION:
447: |   1A DN can be made available by changing the DN type
447: |   from portable to ISDN in UI session.
447: |   2IF no portable DN can be changed, a DN can only be
447: |   available by unplugging an S-loop terminal.
448: Start_Set_Copy            P1 'E'                AdmLog
448: | CAUSE:
448: |   A Copy to a range of sets has started.
448: |   PARM 0: Station index of the start of range.
448: |   PARM 1: Station index of the end of range.
448: | ENVIRONMENT:
448: |   The event occurs on the KSU.
448: | HUMAN ACTION:
448: |   None.
449: Stop_Set_Copy             P1 'E'                AdmLog
449: | CAUSE:
449: |   A Copy to a range of sets has completed.
449: | ENVIRONMENT:
449: |   The event occurs on the KSU.
449: | HUMAN ACTION:
449: |   None.
450: Mgr_entered               P4 'E'                AdmLog
450: | CAUSE:
450: |   An administration session from N*/Companion
450: |   Manager has been entered.
450: | ENVIRONMENT:
450: |   The event occurs on the KSU.
450: | HUMAN ACTION:
450: |   None.
451: Inv_Remote_PW             P5 'E'                AdmLog
451: | CAUSE:
451: |   A remote access user made three unsuccessful

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451: | attempts to enter the installer password in order
451: | to access the Remote Monitoring feature.
451: | ENVIRONMENT:
451: | The event occurs on an incoming line.
451: | HUMAN ACTION:
451: | If this happens too much, change the password.
452: OAM_pw_change                P3 'E'                AdmLog
452: | CAUSE:
452: | An OAM password has been changed.
452: | ENVIRONMENT:
452: | The first parameter is the index of the set that
452: | changed the password.
452: | The second parameter identifies the password:
452: | 0 - Installer password.
452: | 1 - System coordinator plus password.
452: | 2 - System coordinator standard password.
452: | 3 - Basic password.
452: | HUMAN ACTION:
452: | None.
453: oamEntered                    P4 'E'                AdmLog
453: | CAUSE:
453: | Someone is entering **CONFIG.
453: | The parameters contain the DN of the set that is being
453: | used to enter **CONFIG and the Access Level that they have.
453: | ENVIRONMENT:
453: | The event occurs on a set.
453: | HUMAN ACTION:
453: | None.
454: InvPw                          P5 'E'                AdmLog
454: | CAUSE:
454: | Someone has entered an invalid password.
454: | The parameters contain the DN of the set that is trying
454: | to enter the password
454: | ENVIRONMENT:
454: | The event occurs on a set.
454: | HUMAN ACTION:
454: | If this happens too much, change the password.
455: Modem_WarmStart                P9 'E'                AdmLog
Restart
455: | CAUSE:
455: | User changed the modem speed in admin,
455: | requiring a warm restart
455: | ENVIRONMENT:
455: | The event occurs on the KSU.
455: | HUMAN ACTION:
455: | None.
456: IRSD_access_lock                P9 'E'                AdmLog
456: | CAUSE:
456: | User has submitted 3 consecutive incorrect
456: | IRSD passwords while trying to connect from RSA.
456: | ENVIRONMENT:
456: | The event occurs on the IRSD.
456: | The first parameter indicates the length of the
456: | user number got from the ICLID_info.
456: | Parm [1 to Num_length] has the number.
456: | If the line is not BRI, then no parms are sent out.
456: | HUMAN ACTION:

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456: | Follow up.
600: CANT_DEFINE_MH          P8 'B'          TestLog
Restart
600: | CAUSE:
600: | The code is trying to register a procedure to monitor all
600: | FUMP messages going to all servers but it can't.
600: | Possible causes are :
600: | - message handler is registered for the entity type
600: | - the range of LADs to be monitored are invalid
600: | - no free element in the monitor list
600: | ENVIRONMENT:
600: | The event occurs on the KSU.
600: | HUMAN ACTION:
600: | Customer should contact installer to get the restart traceback.
601: CANT_REGISTER_TN        P8 'B'          TestLog
Restart
601: | CAUSE:
601: | One of the following function calls return false:
601: | FuncLadRoute, FuncRefRoute, FuncMonitor, StimMsgRoute.
601: | ENVIRONMENT:
601: | KSU software.
601: | HUMAN ACTION:
601: | System will restart automatically. File a problem report.
602: NO_ROOM_FOR_TIMER        P8 'B'          TestLog
Restart
602: | CAUSE:
602: | Trying to set a timer but failed. May arise if the timer ID is
602: | invalid or too many timers active. Normally, this event should be
602: | accompanied by another event indicating the type of timer problem.
602: | ENVIRONMENT:
602: | The event occurs on the KSU.
602: | HUMAN ACTION:
602: | Customer should contact the installer to get the traceback.
603: INV_MTC_EMUL             P4 'B'
603: | CAUSE:
603: | Received a maintenance response message but the emulator is not
603: | waiting or expecting it.
603: | ENVIRONMENT:
603: | The event occurs on the KSU.
603: | HUMAN ACTION:
603: | None.
604: NO_RAM_FOR_POOL          P4 'B'
604: | CAUSE:
604: | Run out of RAM to allocate pools (usually Window Pools)
604: | on a particular system.
604: | ENVIRONMENT:
604: | All MODULAR DR3 and beyond products.
604: | HUMAN ACTION:
604: | None.
605: EMPTY_WINDOW_POOL        P4 'A'          Trace      TestLog
605: | CAUSE:
605: | At the moment of this writing, this event was not being used.
605: | ENVIRONMENT:
605: | None.
605: | HUMAN ACTION:
605: | None.
606: NODES_RESET              P4 'A'

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606: | CAUSE:
606: |   Field "last_node_id" no longer has a station id which
606: |   belongs to its emulator. Either that piece of RAM is
606: |   corrupt or some other entity has deallocated a station
606: |   Id from the emulator in an "unclean" manner. The SW will
606: |   take corrective action to allow the system to run.
606: | ENVIRONMENT:
606: |   Likely only to occur with a CAP
606: | HUMAN ACTION:
606: |   None.
607: UNKNOWN_TYPE                P4 'B'
607: | CAUSE:
607: |   1) Attempt to register a device type at system
607: |   initialization that is not defined in software.
607: |   Indicates a coding error in the device driver layer,
607: |   that prevents a TCM peripheral type from operating.
607: |   2) A device driver has been included in the software
607: |   load which uses a device type which either the
607: |   generic driver or the emulator does not recognize.
607: | ENVIRONMENT:
607: |   1) Can occur on any KSU on powerup, or when a new
607: |   TCM peripheral is attached to a running KSU.
607: | HUMAN ACTION:
607: |   1) Verify that all types of attached TCM peripherals
607: |   (set, trunk cartridge, etc.) initialize and function.
607: |   Report the type of any non functioning device.
607: |   Record the byte parameter indicating device type,
607: |   and report it.
608: UNREG_TYPE                P6 'F'                Trace                TestLog
608: | CAUSE:
608: |   Attempt to attach a device type to a TCM port
608: |   that is not supported in KSU software. The
608: |   device will not initialize nor be operational.
608: |   The parameter is an internally defined driver index.
608: | ENVIRONMENT:
608: |   Can occur on any KSU on powerup, or when a new
608: |   TCM peripheral is attached to a running KSU.
608: | HUMAN ACTION:
608: |   Verify that all types of attached TCM peripherals
608: |   (set, trunk cartridge, etc.) initialize and function.
608: |   Verify in KSU feature cartridge user documentation
608: |   that all attached device types are supported.
608: |   Remove any unsupported device types, or obtain a
608: |   KSU feature cartridge that supports the peripheral.
609: NO_CONTEXT                P4 'A'                Trace                TestLog
609: | CAUSE:
609: |   No emulator is running right now.
609: |   The emulator instance is NIL.
609: |   Can also indicate timer cancelled after feature termination.
609: | ENVIRONMENT:
609: |   The event occurs on KSU.
609: | HUMAN ACTION:
609: |   Customer should contact installer to get the event tracebacks.
610: LOCAL_MSG_ERROR            P4 'A'                Trace                TestLog
610: | CAUSE:
610: |   There is something wrong with either the message or the state of
610: |   of the message, e.g. message created but not committed which causes

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610: | this event to occur when another message is created.
610: | ENVIRONMENT:
610: | The event occurs on the KSU.
610: | HUMAN ACTION:
610: | Customer should contact installer to get the event tracebacks.
611: LOCAL_Q_FULL          P4 'D'          Trace          TestLog
611: | CAUSE:
611: | The transmit queue is full. Cannot send a message.
611: | ENVIRONMENT:
611: | The event occurs on the KSU.
611: | HUMAN ACTION:
611: | Customer should contact installer to get the event tracebacks.
612: INV_MSG_PROTOCOL      P4 'A'          Trace          TestLog
612: | CAUSE:
612: | Dealing with a message that has an invalid protocol.
612: | ENVIRONMENT:
612: | The event occurs on the KSU.
612: | HUMAN ACTION:
612: | Customer should contact installer to get the event tracebacks.
613: INV_MSG_DEFN          P4 'A'          Trace          TestLog
613: | CAUSE:
613: | When registering an activation message, the message definition is
613: | invalid. Registration will fail.
613: | ENVIRONMENT:
613: | The event occurs on the KSU.
613: | HUMAN ACTION:
613: | Customer should contact installer to get the event tracebacks.
614: ACT_TBL_FULL          P8 'D'          TestLog
Restart
614: | CAUSE:
614: | The activation table is full.
614: | There are too many activation messages registered with the feature
614: | activator.
614: | ENVIRONMENT:
614: | The event occurs on the KSU.
614: | HUMAN ACTION:
614: | Customer should contact the installer to get the traceback data.
615: ACT_STK_OVERFLOW       P4 'A'          Trace          TestLog
615: | CAUSE:
615: | Too many nested activation's occurred.
615: | ENVIRONMENT:
615: | This event occurs on the KSU.
615: | HUMAN ACTION:
615: | Customer should contact the installer to get the traceback data.
616: CH_POOL_DRY            P4 'A'          Trace          TestLog
616: | CAUSE:
616: | This event indicates that the chain pool for instantiation or the
616: | activation procedure table (feature activator) is full.
616: | ENVIRONMENT:
616: | The event occurs on the KSU. In the case of the activation procedure
616: | table being full, this would be a system limitation which would be
616: | found during the development cycle. As for the chain pool running out
616: | of room, either it is a result of normal system operation or there
616: | are features that keep instantiating and not terminating.
616: | HUMAN ACTION:
616: | Customer should contact the installer to get the traceback data.
617: BadSessionNo          P4 'A'          Trace          TestLog

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617: | CAUSE:
617: | Cannot acquire a session.
617: | ENVIRONMENT:
617: | This happens only in wireless products.
617: | HUMAN ACTION:
617: | Customer should contact the installer to get the traceback data.
618: DR2_NOT_INSTALLED          P4 'B'
618: | CAUSE:
618: | The DR2 chain entity could not be instantiated.
618: | Call processing will not function.
618: | ENVIRONMENT:
618: | The event occurs on the KSU.
618: | HUMAN ACTION:
618: | None.
619: INV_STIM_RX                  P4 'B'
619: | CAUSE:
619: | A stimulus message was received from a peripheral
619: | that has no defined vt_stim translation. The
619: | message is discarded by the driver, and does not
619: | reach the MPE layer. This may indicate a mismatch
619: | in message protocols between the peripheral and the
619: | KSU driver (either coding errors, or incompatible
619: | versions), or D channel message errors.
619: | ENVIRONMENT:
619: | Can occur for any initialized TCM peripheral.
619: | HUMAN ACTION:
619: | Verify that peripheral firmware versions are
619: | compatible with KSU software. Look for other evidence
619: | of D channel message errors (e.g. missed key hits,
619: | or examine base D channel peg counts in RAM).
619: | Remove any incompatible device types, and correct
619: | any TCM wiring problems that cause D channel errors.
620: DC_MULTI_INSTANCE            P4 'B'
620: | CAUSE:
620: | A software chain entity has attempted to activate the
620: | digit collector when it was already active. Either the
620: | digit collector has not been torn down properly or the
620: | newly invoked feature has a an interaction problem with
620: | another feature.
620: | ENVIRONMENT:
620: | User invoked feature at either a set or at a line through
620: | remote access.
620: | HUMAN ACTION:
620: | None.
621: DC_INV_CONTEXT                P4 'A'
621: | CAUSE:
621: | Unused
622: DC_BUFF_OVERFLOW              P4 'A'
622: | CAUSE:
622: | The user has entered more digits than the digit collector
622: | can handle and the parent feature has not intervened. This
622: | would indicate a software logic error in the parent feature
622: | which is likely to be harmless.
622: | ENVIRONMENT:
622: | User invoked feature at either a set or at a line through
622: | remote access.
622: | HUMAN ACTION:

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622: | None.
623: DupDefn                P4 'A'          Trace          TestLog
623: | CAUSE:
623: | Attempting to register an activation message or activation procedure
623: | associated with an activity ID which already has something registered
623: | against it.
623: | ENVIRONMENT:
623: | The event occurs on the KSU.
623: | HUMAN ACTION:
623: | Customer should contact installer to get the event tracebacks.
624: DsplyDrvrMissing        P4 'A'          Trace          TestLog
624: | CAUSE:
624: | Each terminal type has its own display driver.
624: | This event indicates that the appropriate driver has not
624: | been loaded for the current operation. This is load
624: | configuration problem.
624: | ENVIRONMENT:
624: | This error could occur if a terminal type not normally
624: | allowed with this system is plugged in accidentally.
624: | HUMAN ACTION:
624: | Check that the system load is appropriate and up to date.
624: | Check that no inappropriate terminals (sets) have been
624: | plugged into the system.
624: | This event should be reported if it occurs.
625: SpRecPoolDry            P4 'A'          Trace          TestLog
625: | CAUSE:
625: | Each terminal (set) has a record which contains
625: | information associated with the state of its output.
625: | These records are allocated from a pool at terminal boot.
625: | This message indicates that this pool is dry.
625: | ENVIRONMENT:
625: | This error should not occur in a proper load because there
625: | are normally enough records for the maximum number of sets.
625: | HUMAN ACTION:
625: | Check that the software load is appropriate and up to date.
625: | This event should be reported if it occurs.
626: WMpoolDry               P4 'A'          Trace          TestLog
626: | CAUSE:
626: | Each terminal (set) with a display managed by the window
626: | manager has a window manager record allocated to it during
626: | set boot from a pool. This alarm indicates the pool is dry.
626: | ENVIRONMENT:
626: | This error should not occur in a proper load because there
626: | are enough window manager records for the maximum number of
626: | sets.
626: | HUMAN ACTION:
626: | Check that the software load is appropriate and up to date.
626: | This event should be reported if it occurs.
627: WndwPoolDry             P4 'D'          Trace          TestLog
627: | CAUSE:
627: | Each display of a terminal (set) requires a separate window record.
627: | These records come from a pool. This event indicates that
627: | this pool is exhausted.
627: | ENVIRONMENT:
627: | If the system is exceptionally busy with many sets busy
627: | with many features, there is the possibility that this pool
627: | may be exhausted.

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627: | HUMAN ACTION:
627: | As the system becomes less busy, functionality will return.
627: | This event should be reported if it occurs.
628: ReqPoolDry          P4 'D'          Trace          TestLog
628: | CAUSE:
628: | The background window of a set can be shared by a number of
628: | features. Each feature must make a request for a portion of
628: | of the window. A request record is required by the window
628: | manager to keep track of each such request. This event
628: | indicates that the request pool is exhausted.
628: | ENVIRONMENT:
628: | If the system is exceptionally busy with many sets busy
628: | with many features, there is the possibility that this pool
628: | may be exhausted.
628: | HUMAN ACTION:
628: | As the system becomes less busy, functionality will return.
628: | This event should be reported if it occurs.
629: TIMERERROR          P4 'A'          Trace          TestLog
629: | CAUSE:
629: | A chain entity was terminated but a timer
629: | that was started by the entity was still running.
629: | PARAM 0 : LAD
629: | PARAM 1 : ACT ID
629: | ENVIRONMENT:
629: | The event occurs on the KSU.
629: | HUMAN ACTION:
629: | Customer should contact the installer to get the event tracebacks.
630: TIMERBUG            P8 'B'          TestLog
Restart
630: | CAUSE:
630: | Trying to cancel a chain timer that is not in
630: | the list of active timers.
630: | PARAM 0 : LAD
630: | PARAM 1 : ACT ID
630: | ENVIRONMENT:
630: | The event occurs on the KSU.
630: | HUMAN ACTION:
630: | Customer should contact the installer to get the restart traceback.
631: CANT_INST            P4 'A'          Trace          TestLog
631: | CAUSE:
631: | Trying to initiate a chain entity.
631: | PARAM 0: instance number.
631: | PARAM 1: ACT ID.
631: | ENVIRONMENT:
631: | The event occurs on the KSU.
631: | HUMAN ACTION:
631: | Customer should contact the installer to get the restart traceback.
632: BadString            P4 'A'          Trace          TestLog
632: | CAUSE:
632: | The window manager checks the length of strings that it is
632: | given. If they are too long this event is raised but only
632: | in the lab load. In any production load no event is raised
632: | and the string is truncated automatically.
632: | ENVIRONMENT:
632: | This event should never occur in a production load.
632: | HUMAN ACTION:
632: | This event should be reported if it occurs.

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633: ActIdNotFound          P4 'A'          Trace          TestLog
633: | CAUSE:
633: |   The ACT ID could not be found while searching the list
633: |   of existing features.
633: | ENVIRONMENT:
633: |   The event occurs on the KSU.
633: | HUMAN ACTION:
633: |   Customer should contact the installer to get the event tracebacks.
634: LowPool                P4 'A'          Trace          TestLog
634: | CAUSE:
634: |   A number of pools of records are managed by a software entity
634: |   called the pool manager. This event indicates that one of
634: |   these pools is low.
634: | ENVIRONMENT:
634: |   All MODULAR DR3 and beyond products.
634: |   If the system is exceptionally busy with many sets busy
634: |   with many features, there is the possibility that a pool
634: |   may be low.
634: | HUMAN ACTION:
634: |   As the system becomes less busy, the pool will replenish.
634: |   This event should be reported if it occurs.
634: |   If followed by a DryPool, may want to increase
634: |   the number of items available (free) in a particular
634: |   pool when allocated.
635: DryPool                P4 'D'          Trace          TestLog
635: | CAUSE:
635: |   A number of pools of records are managed by a software entity
635: |   called the pool manager. This event indicates that one of
635: |   these pools is exhausted.
635: |   This may be due to new increased usage of say
635: |   windows on a per emulator basis, without having
635: |   increased the total free pool items available.
635: | ENVIRONMENT:
635: |   All MODULAR DR3 and beyond products.
635: |   If the system is exceptionally busy with many sets busy
635: |   with many features, there is the possibility that a pool
635: |   may be exhausted.
635: | HUMAN ACTION:
635: |   As the system becomes less busy, the pool will replenish.
635: |   This event should be reported if it occurs.
635: |   May want to increase the number of items
635: |   available (free) in a particular pool when allocated.
636: BadPoolParm            P4 'A'          Trace          TestLog
636: | CAUSE:
636: |   A number of pools of records are managed by a software entity
636: |   called the pool manager. This event indicates that the
636: |   initialization of one of these pools is in error.
636: | ENVIRONMENT:
636: |   This event should never occur in a proper load.
636: | HUMAN ACTION:
636: |   Check that the software load is appropriate and up to date.
636: |   This event should be reported if it occurs.
637: AUDITNOTINSTALLED      P4 'A'          Trace          TestLog
637: | CAUSE:
637: |   Unused.
638: CADDONHANDLERNOTINSTALLED P4 'B'          Trace          TestLog
638: | CAUSE:

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638: | Cannot initiate the Addon Handler on the chain.
638: | ENVIRONMENT:
638: | The event occurs on the KSU. The device will not function.
638: | HUMAN ACTION:
638: | Customer should contact the installer to get the event tracebacks.
639: CCAPQRYBADMSGRCVD          P4 'A'          Trace          TestLog
639: | CAUSE:
639: | Having problems with CAP while getting key information.
639: | Bad message received.
639: | PARAM 0: emulator number.
639: | PARAM 1: ACT ID.
639: | ENVIRONMENT:
639: | The event occurs on the KSU.
639: | HUMAN ACTION:
639: | Customer should contact the installer to get the event tracebacks.
640: CCAPCANTSETTIMER          P4 'A'          Trace          TestLog
640: | CAUSE:
640: | The Addon Handler cannot start an MPE timer while booting a CAP.
640: | ENVIRONMENT:
640: | The event occurs on the KSU.
640: | HUMAN ACTION:
640: | Customer should contact the installer to get the event tracebacks.
641: CntxtError                P4 'B'          Trace          TestLog
641: | CAUSE:
641: | parml=0{ceBadDriverId} A driver passed a bad identifier
641: | to the address manager. This could cause a trunk
641: | to be non-functional.
641: | parml=1{ceBadSrcTN} A context switch was attempted where
641: | the source had a NilTN. This could occur if an
641: | emulator not currently associated with a port tried
641: | to perform a context switch. Either the "logical"
641: | emulator has a logic error or the terminal address
641: | table has become corrupt by inserting a Nil TN
641: | for an emulator which should have a port assigned.
641: | parml=2{ceBadMoveRoute} An emulator has passed in an
641: | invalid route id for a context switch. Possible
641: | effects include incomplete DID call to a target
641: | line. Failed connection to a portable (wireless).
641: | parml=3{ceNoRouteMatched} Likely indicates that the
641: | terminal address table does not match all available
641: | ports on the system. This could be a software logic
641: | error or an nvram corruption. Likely effect is that
641: | a device would not boot.
641: | ENVIRONMENT:
641: | Software loads with Target lines or wireless.
641: | HUMAN ACTION:
641: | None.
642: BadRouteSpecified          P4 'B'          Trace          TestLog
642: | CAUSE:
642: | A software device driver has passed a message to the
642: | MPE emulator layer with an unrecognised route id. The
642: | effect is that the message will be discarded thus a
642: | key press or other external event would appear to have
642: | no effect.
642: | This is likely a software logic error.
642: | ENVIRONMENT:
642: | All software loads after and including DR4

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642: | HUMAN ACTION:
642: | None.
643: NoVliContext                P4 'B'                Trace                TestLog
643: | CAUSE:
643: | A software emulator was attempting to execute either
643: | a VLI or a VRI command without being in an MPE context.
643: | This is likely a software logic error. Whatever the piece
643: | of software was attempting to do will fail since the
643: | command will be discarded.
643: | ENVIRONMENT:
643: | Only applies to lines and radios after including DR3
643: | HUMAN ACTION:
643: | None.
644: CONF_POOL_FULL                P4 'D'                Trace                TestLog
644: | CAUSE:
644: | There is no memory left to handle a conference.
644: | Cannot use a virtual node.
644: | ENVIRONMENT:
644: | The event occurs on the KSU.
644: | HUMAN ACTION:
644: | Customer should ask installer to remove physical appearances of
644: | lines, intercom, answer, and ILG keys as much as possible.
645: XFR_POOL_FULL                P4 'D'                Trace                TestLog
645: | CAUSE:
645: | There is no memory left to handle a transfer.
645: | Cannot use a virtual node.
645: | ENVIRONMENT:
645: | The event occurs on the KSU.
645: | HUMAN ACTION:
645: | Customer should ask installer to remove physical appearances of
645: | lines, intercom, answer, and ILG keys as much as possible.
646: BAD_FUMP_MSG_TYPE            P4 'C'                Trace                TestLog
646: | CAUSE:
646: | An unknown functional message type has been received
646: | by some emulator in the system.
646: | ENVIRONMENT:
646: | Probable cause is off-core functional device sending
646: | invalid messages. Secondary cause could be internal
646: | message corruption. The parameters to the event
646: | identify the source, destination and type of the
646: | message.
646: | HUMAN ACTION:
646: | Disconnect any unrecognized applications running
646: | on all functional devices connected to the system.
647: NoMoreLogLines                P8 'B'                Trace                TestLog
647: | CAUSE:
647: | A background task is used to initialize logical line emulators. This
647: | occurs when the task is terminated before all the logical line
647: | emulators have been initialized.
647: | ENVIRONMENT:
647: | Introduced in DR4
647: | HUMAN ACTION:
647: | Some Logical Lines will not work. Report problem to NT.
648: TrackerExists                P8 'A'                Trace                TestLog
648: | CAUSE:
648: | More than one software call tracker is registering for the same device
type.

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648: | This is normally detected at system initialization time
648: | and indicates a software error
648: | The first registered type will
648: | be considered legitimate others will be ignored.
648: | ENVIRONMENT:
648: | Only applies to wireline sets after and including DR4
648: | HUMAN ACTION:
648: | None.
649: NoTrackerDefined          P8 'B'          Trace          TestLog
649: | CAUSE:
649: | A set device has booted but there is no matching call
649: | tracker for the device type. For example, plugging a basic
649: | set into the KSU when there is no basic set tracker. This
649: | could occur if the device is not officially supported for
649: | the product or if there is a loadbuild error.
649: | ENVIRONMENT:
649: | Only applies to wireline sets after and including DR4
649: | HUMAN ACTION:
649: | None.
650: Unknown_Device_Type        P8 'B'          Trace          TestLog
650: | CAUSE:
650: | The device type specified is neither a set nor a trunk and
650: | is trying to register its loss plan.
650: | The loss plan will not work.
650: | ENVIRONMENT:
650: | This event will occur on products built from MUK 1 days.
650: | HUMAN ACTION:
650: | Customer should contact installer to get the event tracebacks.
651: No_Loss_Registered         P8 'B'          Trace          TestLog
651: | CAUSE:
651: | A loss plan procedure is registered against a device type. This
651: | event occurs when no loss plan procedure has been registered
651: | against the device.
651: | A call is established with the device.
651: | The device is contained in the parms.
651: | ENVIRONMENT:
651: | This event will occur on products built from MUK 1 days.
651: | HUMAN ACTION:
651: | Customer should contact installer to get the event tracebacks.
652: Inv_start_msg              P4 'A'          Trace          TestLog
652: | CAUSE:
652: | This event occurs when the boot handler for a device type receives
652: | a start emulator message explicitly versus implicitly via the feature
652: | activator, i.e. the boot handler is already active and instantiated
652: | when it receives the start emulator message.
652: | ENVIRONMENT:
652: | This event can occur from DTI maintenance emulators, radio emulators,
652: | and portable (CPP) emulators.
652: | HUMAN ACTION:
652: | The designer should review the initialization sequence for the
652: | device.
652: | Customer should contact installer to get the event tracebacks.
653: no_feat_status              P4 'B'          Trace          TestLog
653: | CAUSE:
653: | Could not create (get an output message buffer for sending) a feat
653: | status notify message (VTSTIM).
653: | ENVIRONMENT:

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653: | The event occurs on the variants supporting wireless.
653: | Another event should occur indicating
653: | why an output buffer could not be allocated.
653: | HUMAN ACTION:
653: | Designer should review the memory allocation for the queues.
653: | Customer should contact installer to get the event tracebacks.
654: timer_fail                P4 'D'          Trace          TestLog
654: | CAUSE:
654: | Could not start an MPE timer.
654: | PARM 0-1: emul instance.
654: | PARM 2-3: activation ID.
654: | ENVIRONMENT:
654: | The event occurs on the KSU. Another event should occur prior to
654: | this event indicating why the timer could not be set.
654: | HUMAN ACTION:
654: | None.
655: CantActivate                P4 'D'          Trace          TestLog
655: | CAUSE:
655: | Cannot activate because of invalid emul instance, too many nested
655: | activates, invalid actid.
655: | PARM 0-1: emul instance.
655: | PARM 2-3: activation ID.
655: | ENVIRONMENT:
655: | The event occurs on portable, ISDN S-loop, and ISDN S-terminal
655: | emulators.
655: | HUMAN ACTION:
655: | Customer should contact installer to get the event tracebacks.
656: AlreadyOnChain              P4 'A'          Trace          TestLog
656: | CAUSE:
656: | Someone instantiated the entity before you did.
656: | PARM 0-1: emul instance.
656: | PARM 2-3: activation ID.
656: | ENVIRONMENT:
656: | The event occurs on portable, ISDN S-loop, and ISDN S-terminal
656: | emulators.
656: | HUMAN ACTION:
656: | Customer should contact installer to get the event tracebacks.
657: AU_fump_state                P4 'A'          TestLog
657: | CAUSE:
657: | The audit has detected that the state of the emulator is
657: | unknown.
657: | Parameter is fump state.
657: | ENVIRONMENT:
657: | The event occurs on portable, ISDN S-loop, and ISDN S-terminal.
657: | HUMAN ACTION:
657: | None.
658: AU_no_trans                  P4 'A'          TestLog
658: | CAUSE:
658: | Cannot understand the reason of the call in this conference.
658: | PARM 0: my_state.
658: | PARM 1: my_reason.
658: | ENVIRONMENT:
658: | The event occurs on portable, ISDN S-loop, and ISDN S-terminal
658: | emulators.
658: | HUMAN ACTION:
658: | None.
659: AKExists                     P8 'A'          TestLog

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659: | CAUSE:
659: | More than one answer key feature has been included in
659: | the load. The software only supports one type of answer
659: | key feature which is used for all emulators. Only the
659: | first registrant will be considered all others will be
659: | ignored. This event should only occur at system
659: | initialization. This is likely a loadbuild error.
659: | ENVIRONMENT:
659: | This only applies to wireline sets after and including DR4
659: | HUMAN ACTION:
659: | None. Report problem to NT.
660: NoAKDefined                P8 'B'                TestLog
660: | CAUSE:
660: | Answerkeys have been assigned to a set however there is
660: | no software registered to handle the call processing
660: | aspects of answerkeys. This is likely a load build
660: | error.
660: | ENVIRONMENT:
660: | This only applies to wireline sets after and including DR4
660: | HUMAN ACTION:
660: | Answer Keys will not work for external calls.
660: | Remove all administered Answer Keys to prevent this
660: | event from happening. Report problem to NT.
661: NoMoreCellMgr              P8 'B'                Trace        TestLog
661: | CAUSE:
661: | A background task is used to initialize cell
661: | managers. This occurs when the task is
661: | terminated before all the cell mangers
661: | have been initialized.
661: | ENVIRONMENT:
661: | Introduced in CT2PLUS DR2
661: | HUMAN ACTION:
661: | Some cells will not work. Report problem to NT.
662: UNEXPECTED_NILREF          P6 'B'                TestLog
662: | CAUSE:
662: | This is a diagnostic Bug which detectes data
662: | corruption. An incoming call is attempting to
662: | complete, but call data has been cleared.
662: | ENVIRONMENT:
662: | Discovered in DR6 software.
662: | HUMAN ACTION:
662: | Incoming call will not complete.
662: | Note parameters and report problem to NT.
663: EMUL_REENTER                P0 'A'
663: | CAUSE:
663: | This emulator has been re-entered from the driver level.
663: | ENVIRONMENT:
663: | This event was introduced in June 1994 It indicates that the
663: | application has made a call to the driver layer that resulted
663: | in a re-entry to the application via ProcessStim. This was
663: | not possible before a modification to the MPE.
664: BadSignature_Alarm          P9 'F'                TestLog Alarm:24
664: | CAUSE:
664: | There is insufficient data to capture an "RSSI Signature".
664: | ENVIRONMENT:
664: | RSSI data is collected by the Autoadmin CFP Sniffing process,
664: | during a Re-Evaluation sequence. The RSSI Signature is also

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664: | used by the disablement test. Sufficient RSSI Signature vectors
664: | are required for a meaningful disablement test. Otherwise the system
664: | may be DISABLED on the next restart.
664: | HUMAN ACTION:
664: | Run an Autoadmin Re-Evaluation with a suitable configuration that
664: | will provide an adequate "RSSI Signature".
665: CFPcred_Alarm P8 'F' TestLog Alarm:200
665: | CAUSE:
665: | Insufficient CFP credits.
666: CFPDecr_Alarm P8 'E' TestLog Alarm:201
666: | CAUSE:
666: | CFP credits decreased since last time the system start.
667: UTAMkey_Alarm 'F' TestLog Alarm:202
667: | CAUSE:
667: | This ALARM is generated in the following scenarios:
667: | 1 The system is doing a cold start.
667: | 2 A system that has never been enabled, is warm started.
667: | ENVIRONMENT:
667: | This alarm occurs in all Etiquette wireless products. It corresponds
667: | to ALARM:202 However, it is displayed as a text string
667: | "UTAM code req'd" rather than an alarm code. The alarm will also
667: | be logged in the FAULTS file. It does not have any parameters.
667: | HUMAN ACTION:
667: | The user should get the System Security Number (SSN) from the
administration
667: | set and then contact Northern Telecom to get a new UTAM Activation Code
667: | for the system. Enter the UTAM Activation Code from the administration
set
667: | to enable the system. Alternatively, the Base Station configuration can
667: | be corrected and the system re-started.
668: UTAMtest_Alarm P8 'F' TestLog Alarm:203
668: | CAUSE:
668: | This ALARM is generated whenever the UTAM Disablement Test, which
668: | is executed during system initialization, has failed. A failure to
668: | pass the Disablement Test indicates that Base Stations have either
668: | geographically moved, or that their TCM ports have been changed.
668: | ENVIRONMENT:
668: | This alarm occurs in all Etiquette wireless products. It corresponds
668: | to ALARM:203 However, it is displayed as a text string
668: | "UTAM test failed" rather than an alarm code. The alarm will also
668: | be logged in the FAULTS file. It does not have any parameters.
668: | HUMAN ACTION:
668: | The user should get the System Security Number (SSN) from the
administration
668: | set and then contact Northern Telecom to get a new UTAM Activation Code
668: | for the system. Enter the UTAM Activation Code from the administration
set
668: | to enable the system. Alternatively, the Base Station configuration can
668: | be corrected and the system re-started.
669: EvalODone_Alarm P8 'E' TestLog Alarm:204
669: | CAUSE:
669: | ReEval override done.
670: DsbTstOn_Alarm P8 'E' TestLog Alarm:205
670: | CAUSE:
670: | UTAM disablement test starts.
671: DsbTstdone_Alarm P8 'E' TestLog Alarm:206
671: | CAUSE:

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671: | UTAM disablement test finished.
672: SysStart_Alarm          P1 'E'          TestLog Alarm:207
672: | CAUSE:
672: | Mobile system startup.
673: Sysonline_Alarm         P8 'E'          TestLog Alarm:208
673: | CAUSE:
673: | Mobile system online.
674: UTAM_FeatError          P5 'B'          TestLog
674: | CAUSE:
674: | Generic error for UTAM feature.
674: | Generic error for UTAM feature.
674: | ENVIRONMENT:
674: | This log event occurs in all wireless products that include the UTAM
674: | System Disablement feature functionality. It is logged in the FAULTS
674: | file with the following parameter indications:
674: | Parm 1 - Utam Error Class Identifier:
674: | 1 = ERutamActSeqRsp - Dsbl Test sub-sequence activation failed
674: | 2 = ERutamTermSeqRsp - Dsbl Test sub-sequence termination failed
674: | 3 = ERutamRegBckGrnd - Failed to register back-ground process
674: | 4 = ERutamRdNVRAM - Failed to READ NVRAM record
674: | 5 = ERutamWrtNVRAM - Failed to WRITE NVRAM record
674: | 6 = ERutamDeRegBckGrnd - Failed to de-register back-ground process
674: | 7 = ERutamCfpIndxOutOfRng - Sign Capture found CFP Index out of range
674: | 8 = ERutamRssiOutOfRng - Sign Capture found Tx/Rx RSSI out of range
674: | 9 = ERutamTstVector - Dsbl Test found CFP Index out of range
674: | Parm 2 .. Parm6 - Event specific data.
674: | HUMAN ACTION:
674: | Report occurrence to NT.
675: DemoSys_Alarm           P8 'E'          TestLog Alarm:209
675: | CAUSE:
675: | Demonstration system indication alarm.
676: SysSrvcEvent            P7 'B'          Trace      TestLog
676: | CAUSE:
676: | This is a generic System Services Layer Event.
676: | ENVIRONMENT:
676: | System Services partitioned emulators only.
676: | First parameter is an error code.
676: | Other parameters are variable depending upon the
676: | error code.
676: | Error codes / parameters are defined in unit SYS_SERV_UTILS
676: | HUMAN ACTION:
676: | None.
677: TSL_ERROR                P7 'B'          Trace      TestLog
677: | CAUSE:
677: | This is a generic Terminal Services Layer Event.
677: | ENVIRONMENT:
677: | First parameter is an error code, second indicates
677: | the source e.g. set Index. Other parameters may
677: | or may not be present depending upon the error code.
677: | Error codes & parameters are defined in unit term_serv_util.
677: | HUMAN ACTION:
677: | None. This is a software problem.
678: SsiBufEvent             P7 'B'          Trace      TestLog
678: | CAUSE:
678: | This is a generic SSI_BUF event.
678: | ENVIRONMENT:
678: | System Services partitioned emulators only.

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678: | First parameter is an error code.
678: | Other parameters are variable depending upon the
678: | error code.
678: | Error codes / parameters are defined in unit SSI_BUF.
678: | HUMAN ACTION:
678: | None.
679: cd_O_AA_ERRORS          P5 'B'
679: | CAUSE:
679: | This is a general purpose Log Event used by the Autoadmin
679: | Ongoing Intelligence Component to flag various software errors.
679: | ENVIRONMENT:
679: | The event occurs on the KSU in all wireless products that
679: | support the Auto-admin functionality.
679: | HUMAN ACTION:
679: | None.
680: UTAMdsblReason          'E'          TestLog
680: | CAUSE:
680: | This is an informational LOG EVENT generated when the Wireless
680: | System is DISABLED by the UTAM feature functionality. The Log Event
680: | is used to indicate the REASON that UTAM has DISABLED the system.
680: | ENVIRONMENT:
680: | This log event occurs in all wireless products that include the UTAM
680: | System Disablement feature functionality. It is logged in the
680: | FAULTS file with the following parameter indications:
680: | Parm 1 - Reason that UTAM has DISABLED the Wireless System.
680: | 1 COLD/WARM START - System has never been previously enabled.
680: | Parm 2 - N/A
680: | Parm 3 - N/A
680: | 2 WARM START - System was previously enabled - UTAM codes
680: | have been applied, BUT additional codes are
680: | still required to bring up the TOTAL number
680: | past the previous THRESHOLD. This scenario
680: | occurs when a MEMORY RESET (**STARTUP) or a
680: | BACKUP & RESTORE is initiated.
680: | Parm 2 - Total number of UTAM Codes previously entered.
680: | Parm 3 - Total number of UTAM Codes required to enable the system.
680: | 3 WARM START - System was geographically moved or the
680: | base station TCM ports configuration has
680: | been modified.
680: | Parm 2 - Total number of PRIMARY signature vectors.
680: | Parm 3 - Total number of failed signature vectors.
680: | 4 WARM START - The UTAM Disablement Test was NOT actually
680: | executed, due to an incomplete configuration.
680: | Note that, this scenario can occur if too many
680: | base stations do not reboot, after a power
680: | failure, due to an RPI unit failure.
680: | Parm 2 - Total number of PRIMARY signature vectors.
680: | Parm 3 - Minimum number of PRIMARY Signature Vectors required.
680: | 5 WARM START - There are INSUFFICIENT RADIO CREDITS available.
680: | Parm 2 - Total number of Radio Credits in the system.
680: | Parm 3 - Total number of Radio Credits REQUIRED, at the time
680: | that the Log Event was generated.
680: | 6 WARM START - System was geographically moved or the
680: | device (NORSTAR SET or base station) TCM ports
680: | configuration has been modified.
680: | Parm 2 - Total number of devices that form the Device Mapping
680: | Signature.

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680: | Parm 3 - Total number of devices that failed (mismatched) the
680: | Device Mapping Signatu
680: | 7. WARM START - The UTAM disablement test that is based on the
680: | Device To Port Mapping Signature, was NOT actually
680: | executed, due to an incomplete configuration. Note
680: | that this scenario can occur if too many devices do
680: | not reboot, after a power failure.
680: | Parm 2 - Total number of devices that were actually detected and
680: | that are part of the captured Device to Port Mapping
680: | Signature.
680: | Parm 3 - Minimum number of devices required to execute the Disablement
680: | Test.
680: | HUMAN ACTION:
680: | The following actions are recommended to recover from a DISABLED
680: | system scenario, based on the parameter indications:
680: | 1 COLD/WARM START - UTAM Activation Code is required.
680: | Sufficient Radio Credits must be included
680: | in the UTAM code.
680: | 2 WARM START - After entering all the previously obtained
680: | UTAM Activation Codes and UTAM Recovery Codes,
680: | obtain ONE additional UTAM Recovery Code. The
680: | additional Recovery Code should contain ZERO
680: | Radio Credits.
680: | 3 WARM START - UTAM Recovery Code is required. There should be
680: | ZERO Radio Credits included in a UTAM Recovery
680: | Code.
680: | 4 WARM START - The system DISABLEMENT was caused by a faulty
680: | configuration. Correcting the configuration and
680: | restarting the system will clear the DISABLEMENT
680: | condition. Alternatively, entering a UTAM
680: | Recovery Code with ZERO Radio Credits, will also
680: | clear the system DISABLEMENT condition. However,
680: | it is possible that the existing configuration
680: | may not be supported by the UTAM minimum system
680: | requirements, which may cause another DISABLEMENT
680: | on a subsequent restart.
680: | 5 WARM START - Obtain a UTAM Activation Code with the additional
680: | Radio Credits required for the number of new
680: | base stations added to the system. Alternatively,
680: | dis-connect the base stations that caused the
680: | Radio Credits to be exceeded and restart the system.
680: | 6. WARM START - UTAM Recovery Code is required. There should be
680: | ZERO Radio Credits included in a UTAM Recovery
680: | Code. Note that, if the DISABLEMENT was caused
680: | by a malfunctioning device (NORSTAR SET or basestation),
680: | then the device will have to be replaced and a
680: | UTAM Recovery Code will still be required.
680: | 7. WARM START - The system DISABLEMENT was caused by a faulty device
680: | configuration. Whenever the system is disabled due to
680: | a faulty or incorrect Device to Port Mapping configuration,
680: | the system will require a UTAM Recovery Code, in order to
680: | ENABLE the wireless operation.
681: UTAMenteredCode      'E'                      TestLog
681: | CAUSE:
681: | This is an informational LOG EVENT generated when a UTAM
681: | Activation Code or Recovery Code is entered.
681: | ENVIRONMENT:

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681: | This log event occurs in all wireless products that include the UTAM
681: | System Disablement feature functionality. It is logged in the
681: | FAULTS file with a single parameter indicating the NUMBER of
681: | INCREMENTAL Radio Credits that were encoded.
681: | HUMAN ACTION:
681: | None.
682: UTAMSigInfo                P5 'E'                TestLog
682: | CAUSE:
682: | This is an informational LOG EVENT generated by the UTAM Signature
682: | Capture and Disablement Test components, to track miscellaneous
682: | characteristics encountered while constructing an RSSI SIGNATURE VECTOR
682: | or an RSSI TEST VECTOR.
682: | ENVIRONMENT:
682: | This log event occurs in all wireless products that include the UTAM
682: | System Disablement feature functionality. It is logged in the FAULTS
682: | file with the following parameter indications:
682: | Parm 1 - Utam Informational Class Identifier:
682: | 1 = INFutamBadRssi - Sign Capture found BAD RSSI value from AAI
682: | 2 = INFutamUnAcceptRssi - Sign Capture found UNACCEPTABLE RSSI value
682: | 3 = INFutamRxRssiArrayFull - Sign Capture found a better Rx RSSI
element
682: | 4 = INFutamBldFailed - Sign Capture Failed to build current vector
682: | 5 = INFutamBumpTstVector - Dsbl Test found a better Rx RSSI element
682: | Parm 2 .. Parm6 - Event specific data.
682: | HUMAN ACTION:
682: | None.
683: UTAMAdjustFilter            'E'                TestLog
683: | CAUSE:
683: | This is an informational LOG EVENT generated when the UTAM
683: | Signature Capture component, has detected a new base station
683: | configuration, and has consequently adjusted the UTAM Signature
683: | Capture FILTER and/or the UTAM Disablement Test FILTER.
683: | ENVIRONMENT:
683: | This log event occurs in all wireless products that include the UTAM
683: | System Disablement feature functionality. It is logged in the
683: | FAULTS file with the following parameter indications:
683: | Parm 1 - Utam Parameter Identifier.
683: | 0 = MinElemPerVec - Minimum ELEMENTS for a valid Vector
683: | 1 = MinVecPerSys - Minimum VECTORS for a valid System Signature
683: | 2 = CoLocateRssi - Tx/Rx Co-Location (lower) bound threshold
683: | 3 = MaxColPcent - Maximum Tx/Rx Co-Locations percentage
683: | 4 = RssiUpperBnd - Highest RSSI vector element considered
683: | 5 = RssiLowerBnd - Lowest RSSI vector element considered
683: | 6 = RssiAccuracy - RSSI accuracy tolerance between base stations
683: | 7 = RssiKmaxDev - Largest RSSI mis-match in LSM error method
683: | 8 = RssiDeltaMax - RSSI value to substitute in LSM error method
683: | 9 = MaxElemPcent - % RSSI element mis-matches to fail UPP/LWR tst
683: | 10= MaxVecPcent - % Tot Vector mis-matches to fail OVERALL Dsbl
683: | 11= UtamTstCodes - UTAM algorithms test code to control behaviour
683: | Bit 0 - All_Radios - SIGN CAPT - Don't just use B1 radios
683: | Bit 1 - GenRssiLogs - SIGN CAPT - Generate RSSI Log Events
683: | Bit 2 - GenSigCaptLogs - SIGN CAPT - REJECTED VECTOR Log Evts
683: | Bit 3 - LogVectorsFUMP - GENERIC - Log vectors in FUMP
683: | Bit 4 - NoAutoFilterAdj - SIGN CAPT - No Auto Filter adjust
683: | Bit 5 - NotScreeningRssi- DSBL TEST - Not screening RSSI data
683: | Bit 6 - LimitedRxList - DSBL TEST - Use Rx from Sig Vec only
683: | Bit 7 - LMS_Test - DSBL TEST - Use Least Mean Square

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683: | Parm 2 - New Field Value.
683: | HUMAN ACTION:
683: | None.
684: RadMgrDsblReEval          'E'                      TestLog
684: | CAUSE:
684: | This is an informational LOG EVENT generated when the RADIO MANAGER
684: | disables Autoadmin Re-Evaluation, due to INSUFFICIENT Radio Credits.
684: | ENVIRONMENT:
684: | This log event occurs in all wireless products that include the UTAM
684: | System Disablement feature functionality. It is logged in the
684: | FAULTS file with a single parameter indicating the NUMBER of
684: | INSUFFICIENT Radio Credits that were required, at the time that the
684: | log event was generated.
684: | HUMAN ACTION:
684: | A new UTAM Activation Code must be obtained and entered, with the
684: | appropriate number of Radio Credits or the base station(s) that caused
684: | the Radio Credits to be exceeded must be disconnected from the system.
685: MobLostReEval              P5 'E'                      TestLog
685: | CAUSE:
685: | This is an informational LOG EVENT generated when a SCHEDULED Re-Eval
685: | has been automatically cancelled by the system, due to the time-of-day
685: | being advanced past the SCHEDULED time.
685: | ENVIRONMENT:
685: | This log event occurs in all wireless products that include the
685: | Autoadmin feature functionality. It is logged in the FAULTS file with
685: | no parameters.
685: | HUMAN ACTION:
685: | Autoadmin Re-Evaluation should be re-scheduled for an appropriate
685: | date and time, if it is still desired to re-evaluate the system
685: | cellular topology.
686: MaxCFPCreditsExceeded      P2 'E'                      TestLog
686: | CAUSE:
686: | The number of CFP credits that the installer
686: | is attempting to add causes total UTAM CFP
686: | credits to exceed the maximum allowed.
686: | This is strictly an informational log
686: | event. The parameter data is as follows:
686: | Parm 1 - Previous TOTAL CFP credits
686: | Parm 2 - Previous AVAILABLE CFP credits
686: | Parm 3 - Administered CFP credit increment
686: | Parm 4 - Maximum allowed CFP credit increment
686: | Parm 5 - New TOTAL CFP credits
686: | Parm 6 - New AVAILABLE CFP credits
686: | ENVIRONMENT:
686: | This log event occurs only on systems which
686: | support Etiquette based wireless and entry
686: | of UTAM activation codes.
686: | HUMAN ACTION:
686: | None. However customer and installer should
686: | be aware that total installed UTAM CFP credits is
686: | now at the maximum allowed. Note that this means
686: | no additional CFP credits can be added.
687: GDD_Bad_Index_              P4 'A'                      Trace      TestLog
687: | CAUSE:
687: | The generic data driver has been passed a call reference value
687: | which did not have a corresponding internal index.
687: | ENVIRONMENT:

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687: | This logevent occurs when a data device is attached to the system.
687: | HUMAN ACTION:
687: | Customer should contact the installer to get
687: | the event tracebacks.
688: GDD_Inv_Event_          P4 'A'          Trace          TestLog
688: | CAUSE:
688: | This logevent indicates that an event has been received
688: | by the generic data driver software which it does not understand.
688: | The parameters are as follows [1-2] port number,
688: | [3] driver state, [4] current event.
688: | ENVIRONMENT:
688: | This logevent occurs when a data device is attached to the system.
688: | HUMAN ACTION:
688: | None. This event should not occur once the software
688: | has been debugged.
689: GDD_MaxCalls            P4 'A'          Trace          TestLog
689: | CAUSE:
689: | This logevent indicates that the generic data driver could not
689: | allocate a new index.
689: | ENVIRONMENT:
689: | This logevent occurs when a data device is attached to the system.
689: | HUMAN ACTION:
689: | Customer should contact the installer to get
689: | the event tracebacks.
690: GDD_Rdy_Timeout         P4 'C'          Trace          TestLog
690: | CAUSE:
690: | The data device has not responded to the KSU within 10 seconds
690: | of being sent an initialization message.
690: | ENVIRONMENT:
690: | This logevent occurs when a data device is attached to the system.
690: | HUMAN ACTION:
690: | Customer should contact the installer to get
690: | the event tracebacks.
691: GDD_Rls_Timeout         P4 'C'          Trace          TestLog
691: | CAUSE:
691: | The data device has not responded to the KSU within 3 seconds.
691: | ENVIRONMENT:
691: | This logevent occurs when a data device is attached to the system.
691: | HUMAN ACTION:
691: | Customer should contact the installer to get
691: | the event tracebacks.
692: GDD_Bad_Parm            P4 'C'          Trace          TestLog
692: | CAUSE:
692: | The data device has been passed a bad parameter value in a
692: | stimulus message from the data device.
692: | ENVIRONMENT:
692: | This logevent occurs when a data device is attached to the system.
692: | HUMAN ACTION:
692: | Customer should contact the installer to get
692: | the event tracebacks.
693: IT_SRVR_GARBAGE         P3 'B'          TestLog
693: | CAUSE:
693: | This is an informational LOG EVENT generated when the
693: | IT_SRVR has detected stale data to be discarded.
693: | ENVIRONMENT:
693: | This log event occurs in all products that include the
693: | IT_SRVR.

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693: | HUMAN ACTION:
693: | Record the data (which is the call ref of the associated call).
694: RADAR_Bad_Msg          P4 'C'          Trace          TestLog
694: | CAUSE:
694: | The RADAR flow control layer in the KSU has received a bad
694: | stimulus message from the off-core application.
694: | This indicates that the RADAR PC application is sending 'S' frames
694: | to the KSU that does not support 'S' (supervisory) frames.
694: | ENVIRONMENT:
694: | This logevent occurs when a RADAR PC is attached to the system.
694: | HUMAN ACTION:
694: | Check the RADAR PC s/w version.
695: B_Chan_denied          P4 'B'          Trace          TestLog
695: | CAUSE:
695: | A Norstar set which is attached to a data device has been
695: | denied its request for the B channel. This should not happen
695: | as the Norstar set has a higher priority than the data device.
695: | ENVIRONMENT:
695: | This logevent occurs when a data device is attached to the system.
695: | HUMAN ACTION:
695: | Customer should contact the installer to get the event tracebacks.
696: CLOG_LEN_FAIL          P2 'A'          TestLog
696: | CAUSE:
696: | A call logs number length is out of range.
696: | parm = 0 : Length of Call Number.
696: | = 1 - Num_Lngth : Elements of Call Number.
696: | = Num_Lngth + 1 : which indicated the is_ddn
696: | flag value.
696: | ENVIRONMENT:
696: | This log event occurs when the Data saved by CLID
696: | is read and found to have a corrupt length that is
696: | not in the proper range of 0 to Num_Lngth.
696: | HUMAN ACTION:
696: | Customer should contact installer so that logs can be evaluated.
697: ASYNC_ERR_EVENT        P2 'A'          TestLog
697: | CAUSE:
697: | An ethernet data module has generated an asynchronous
697: | error report.
697: | parm[0] = DS30IF D-channel error flags
697: | parm[1] = DS30IF i960 error flags
697: | parm[2..n] = i960 error flags (n bytes free format)
697: | ENVIRONMENT:
697: | This log event occurs when an Ethernet Data Module
697: | wishes to log an error report to the KSU.
697: | HUMAN ACTION:
697: | Customer should contact installer so that logs can be evaluated.
790: BAD_LHD_INFO           P7 'A'          Trace          TestLog
790: | CAUSE:
790: | A call processing error has occurred.
790: | parm = 0 - The real CO's dnappr is corrupted.
790: | = 1 - The real CO has more than one lhd node.
790: | ENVIRONMENT:
790: | This is a log event trying to catch the real problem on KSU.
799: ISDN_CP_Error          P7 'B'          Trace          TestLog
799: | CAUSE:
799: | A call processing error has occurred on an ISDN line.
799: | ENVIRONMENT:

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799: | The first parameter identifies the location (line number
799: | or loop number). The second parameter is an error code,
799: | defined as follows:
799: | 1: Can't acquire the B-channel from the B-channel Arbitrator.
799: | This indicates an internal software error.
799: | 2: There is no free line available for the call (internal error).
799: | 3: A non B-channel call has been attempted. Such calls are
799: | not supported in this version of software.
799: | 4: Failed to instantiate on the chain (internal error).
799: | 5: Activation procedure failed (internal error).
799: | 6: Index conversion failed (internal error).
799: | 7: Unexpected digits on Manual Answer line. Possible
799: | Network / Norstar configuration mis-match.
799: | 8: Can't seize CO line on a BRI (internal error at the
799: | driver or card level).
799: | HUMAN ACTION:
799: | None.
800: BAD_TRK_ACTION          P4 'A'          Trace          TestLog
800: | CAUSE:
800: | The trunk is dealing with an unknown event.
800: | ENVIRONMENT:
800: | The event occurs on a trunk.
800: | HUMAN ACTION:
800: | Customer should contact the installer to get the event tracebacks.
801: RX_BAD_TSTIM            P4 'A'          Trace          TestLog
801: | CAUSE:
801: | At the moment of this writing, this event was not being used.
801: | ENVIRONMENT:
801: | None.
801: | HUMAN ACTION:
801: | None.
802: BAD_TRK_STATE           P4 'A'          Trace          TestLog
802: | CAUSE:
802: | At the moment of this writing, this event was not being used.
802: | ENVIRONMENT:
802: | None.
802: | HUMAN ACTION:
802: | None.
803: INF_LOOP                P8 'B'          TestLog
Restart
803: | CAUSE:
803: | At the moment of this writing, this event was not being used.
803: | ENVIRONMENT:
803: | None.
803: | HUMAN ACTION:
803: | None.
804: RX_BAD_ENABLE_EMUL      P4 'A'          Trace          TestLog
804: | CAUSE:
804: | At the moment of this writing, this event was not being used.
804: | ENVIRONMENT:
804: | None.
804: | HUMAN ACTION:
804: | None.
805: VLI_DRVR_DEFINED        P9 'A'          Trace          TestLog
805: | CAUSE:
805: | Unused.
805: | ENVIRONMENT:

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805: | None.
805: | HUMAN ACTION:
805: | None.
806: VLI_BAD_DRV R          P4 'B'          Trace          TestLog
806: | CAUSE:
806: | The trunk driver layer has received an event however
806: | when attempting to determine what driver to route the
806: | event to, none matched the type of device on that port.
806: | If event 607 (unknown_type) did not occur then it either
806: | the trunk driver did not register a command handler or
806: | that area of RAM has become corrupt. This is likely to
806: | prevent a trunk from operating correctly.
806: | ENVIRONMENT:
806: | Only applies to trunks after and including DR3
806: | HUMAN ACTION:
806: | None.
807: VLI_NO_LST_DRV R      P4 'B'          Trace          TestLog
807: | CAUSE:
807: | Unused.
808: LANG_REG_2X           P8 'B'          TestLog
Restart
808: | CAUSE:
808: | The language table contains the same language twice.
808: | ENVIRONMENT:
808: | The event occurs on the KSU.
808: | HUMAN ACTION:
808: | Customer should contact installer to get the restart traceback.
809: LANG_NOT_LOADED       P4 'A'          Trace          TestLog
809: | CAUSE:
809: | Too many languages loaded or could not load the specific language.
809: | PARM 0: lang ID.
809: | ENVIRONMENT:
809: | The event occurs on the KSU.
809: | HUMAN ACTION:
809: | Customer should contact installer to get the event traceback.
810: TD_BUF_OVRFL          P8 'D'          TestLog
Restart
810: | CAUSE:
810: | The format for time and/or date cannot be entirely displayed
810: | because the display is too small.
810: | Can occur in debug or when time change occurs.
810: | ENVIRONMENT:
810: | The event occurs on all sets.
810: | HUMAN ACTION:
810: | Customer should contact installer to get the event traceback.
811: NO_DTMF_POOL_RAM      P4 'D'          Trace          TestLog
811: | CAUSE:
811: | Out of RAM.
811: | HUMAN ACTION:
811: | Designers should investigate where all the RAM has gone.
812: BAD_RX_TYPE           P4 'A'          Trace          TestLog
812: | CAUSE:
812: | Attempt to register/deregister a "DTMF rx" with the
812: | Address Manager with an incorrect device type
812: | (one that is not a DTMF rx)
812: | ENVIRONMENT:
812: | Any MODULAR DR4 and after product.

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812: | HUMAN ACTION:
812: | None.
813: MULT_DTMF_REGISTRATION      P4 'A'          Trace          TestLog
813: | CAUSE:
813: | Attempting to reregister a DTMF rx. Could be an
813: | inconsistency in registration mechanism in the
813: | super driver.
813: | ENVIRONMENT:
813: | Any MODULAR DR4 and after product.
813: | HUMAN ACTION:
813: | None.
814: DTMF_DEREG_ERROR            P4 'A'          Trace          TestLog
814: | CAUSE:
814: | Attempting to deregister a DTMF rx from the pool when
814: | the pool manager says that it doesn't exist.
814: | ENVIRONMENT:
814: | Any MODULAR DR4 and after product.
814: | HUMAN ACTION:
814: | None.
815: BAD_DTMF_CONN_REQ            P4 'A'          Trace          TestLog
815: | CAUSE:
815: | Application has made an error in connection request
815: | by passing an invalid parameter to the Address
815: | Manager interface.
815: | ENVIRONMENT:
815: | Any MODULAR DR4 and after product.
815: | HUMAN ACTION:
815: | None. Investigate in lab.
816: EM_TONE_ERROR                P4 'A'          Trace          TestLog
816: | CAUSE:
816: | Unable to generate a tone on a particular E&M trunk TN.
816: | ENVIRONMENT:
816: | Only in products that support E&M & AC15 trunks.
816: | HUMAN ACTION:
816: | None. Investigate in lab.
817: Inv_EM_Dev_Type              P8 'A'          Trace          TestLog
817: | CAUSE:
817: | At the moment of this writing, this event was not being used.
817: | ENVIRONMENT:
817: | None.
817: | HUMAN ACTION:
817: | None.
818: DTMF_Connection_Failure      P8 'B'          Trace          TestLog
818: | CAUSE:
818: | Network Manager unable to satisfy DTMF connection
818: | request. Could result in lost digits. Likely caused
818: | by invalid TN or other s/w error during related
818: | development.
818: | ENVIRONMENT:
818: | Only in products that support DTMF rx (both DSP and
818: | TC based)
818: | HUMAN ACTION:
818: | None.
819: VLI_Bad_Input                P4 'A'          Trace          TestLog
819: | CAUSE:
819: | The trunk driver is sending invalid information.
819: | PARM 0: bVLI_Command.

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819: | PARM 1: command.
819: | PARM 2 or 3: digit.
819: | ENVIRONMENT:
819: | The event occurs on the trunk.
819: | HUMAN ACTION:
819: | Customer should contact installer to get the event tracebacks.
820: Inv_St_Trans          P4 'A'          Trace          TestLog
820: | CAUSE:
820: | This logevent indicates that an event has been received
820: | by the trunk driver software, which controls the trunk
820: | hardware, which it does not understand.
820: | ENVIRONMENT:
820: | This logevent was introduced in the MNA DR4 product to
820: | work with the E&M Trunk cartridge.
820: | HUMAN ACTION:
820: | None.
821: No_DTMF_Rx_Reg        P4 'A'          Trace          TestLog
821: | CAUSE:
821: | An attempt is made to allocate a pseudo-integral DTMF receiver
821: | when it is not registered
821: | ENVIRONMENT:
821: | This event only happens on 0x32 or any other platform that will
821: | use pseudo-integral DTMF receivers
821: | HUMAN ACTION:
821: | Get traceback.
822: Gen_Tone_Err           P4 'B'          Trace          TestLog
822: | CAUSE:
822: | Trying to break dialtone after the first incoming digit but
822: | unsuccessful because TN is incorrect or tone is not supported
822: | User will continue to hear dialtone after entering the 1st digit
822: | ENVIRONMENT:
822: | This event only happens with E1 trunks in DID mode with CLID
822: | capability
822: | HUMAN ACTION:
822: | Get traceback.
823: Inv_Drvr_Index         P8 'B'          TestLog
Restart
823: | CAUSE:
823: | The TN passed in to the AC-15 driver maps to a
823: | port that does not contain an AC-15
823: | ENVIRONMENT:
823: | This should not happen in zero-defect software.
823: | Only happens on UK loads. Introduced during
823: | Modular UK development.
823: | HUMAN ACTION:
823: | None
824: Inv_Mute_Request        P4 'A'          Trace          TestLog
824: | CAUSE:
824: | At the moment of this writing, this event was not being used.
824: | ENVIRONMENT:
824: | None.
824: | HUMAN ACTION:
824: | None.
825: Inv_NM_St_Trans         P4 'A'          Trace          TestLog
825: | CAUSE:
825: | The network monitor' state machine has received an event
825: | that does not make sense for the current state.

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825: |   PARM 0-1: port number.
825: |   PARM 2: state.
825: |   PARM 3: command.
825: |   PARM 4: messahe type.
825: | ENVIRONMENT:
825: |   The event occurs on the KSU.
825: | HUMAN ACTION:
825: |   Customer should contact installer to get event tracebacks.
826: VLI_Sync_Error          P4 'A'          Trace          TestLog
826: | CAUSE:
826: |   A glaring condition occurs on seize or while waiting
826: |   for an answer from the trunk.
826: |   The parameter contains the port number.
826: | ENVIRONMENT:
826: |   The event occurs on LEC and loop start trunks.
826: | HUMAN ACTION:
826: |   Customer should contact installer to get event tracebacks.
827: VLI_Timeout             P4 'C'          Trace          TestLog
827: | CAUSE:
827: |   The DTI has not responded to the KSU within 95s of
827: |   provisioning the line.
827: | ENVIRONMENT:
827: |   This only happens with Swedish E1 trunks.
827: | HUMAN ACTION:
827: |   Ensure that the E1 link to the DTI is in proper
827: |   working order.
828: Type_Too_Long           P4 'E'          Trace          TestLog
828: | CAUSE:
828: |   The number of type code digits from far end exceeds the
828: |   maximum number of 5
828: | ENVIRONMENT:
828: |   This event only happens with E1 trunks in DID mode with CLID
828: |   capability
828: | HUMAN ACTION:
828: |   None
829: CLID_Too_Long           P4 'E'          Trace          TestLog
829: | CAUSE:
829: |   The number of CLID digits from far end exceeds the
829: |   maximum number of 17
829: | ENVIRONMENT:
829: |   This event only happens with E1 trunks in DID mode with CLID
829: |   capability
829: | HUMAN ACTION:
829: |   None
830: BadDrvrLinkage          P4 'A'          Trace          TestLog
830: | CAUSE:
830: |   Likely a sequencing problem in trying to establish
830: |   or tear down a driver linkage connection.
830: |   Possible parameters are:
830: |   RegInvDrvrId -- Attempt to register invalid driver id
830: |   QryInvDrvrId -- Attempt to query invalid driver id
830: |   DLInvRouteId -- Invalid route id
830: |   DLInvDrvrId -- Invalid driver id
830: |   DLDrvRouteInv -- Driver route type invalid
830: |   DLNoMsgHandler -- No device type registered
830: |   DLNoLinkage -- No linkage established
830: |   DLNoDvcHdlr -- No device type message handler

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830: | DLNoSrvcHdlr -- No connection service registered
830: | DLTblFailure -- Driver linkage table screwed up
830: | ENVIRONMENT:
830: | Possible in products that require driver linkage
830: | functionality (i.e. wireless and NIM).
830: | HUMAN ACTION:
830: | None. Investigate in lab.
831: LIDError                P6 'D'                Trace                TestLog
831: | CAUSE:
831: |   parm1=0{PoorSeed} Software asked for a LID before a device
831: |   with a valid hardware ID has booted. The net result
831: |   is that the returned LID may not be unique in an
831: |   environment of neighbouring wireless controllers
831: |   thus causing potential collisions in call setup.
831: |   parm1=1{LargerRNDLoop} indicates a potential inefficiency
831: |   in the LID allocation algorithm. The number of
831: |   attempts required to obtain a unique LID exceeded
831: |   the designers desired threshold. Parameters 2 and 3
831: |   indicate how many attempts were made to allocate the
831: |   LID.
831: |   parm1=2{ListFull} The LID reservation list is full. This
831: |   list is used to reserve LIDs which should not be
831: |   allocated for general use. This list may be
831: |   underprovisioned. The LID which tried to enter the
831: |   list will not be reserved. The net effect is the
831: |   potential for call setup and handoff conflicts
831: |   with the "unreserved" LID.
831: | ENVIRONMENT:
831: | Only applies to Wireless.
831: | HUMAN ACTION:
831: |   parm1=0{PoorSeed} ensure a radio or a set is plugged in.
831: |   trunk cartridges do not provide a good seed.
831: |   parm1=2{ListFull} No current provisioning guidelines apply.
832: ConnErrHighPrio          P6 'B'                Trace                TestLog
832: | CAUSE:
832: | This event and event 834 (ConnErrLowPrio) have the same
832: | set of paramaters and meaning. They just divide what may
832: | be a serious error from a non-serious error.
832: |   parm1=0{NoLocator} Location was attempted with no locator
832: |   1{NoValidator} Validation attempted, no validator
832: |   2{NoCSDecoder} No handler for Locator and Validator
832: |   If this occurs, either one of the above functions
832: |   has been left out of the load or a function is
832: |   being invoked which is not supported in the current
832: |   software load. This is likely a logic
832: |   error or a loadbuild error.
832: |   parm1=3{TwoLocators}
832: |   4{TwoValidators}
832: |   5{TwoCSDecodes}
832: |   One of the above handlers has been redefined. This
832: |   is indicative of either a logic error in the lab or
832: |   loadbuild error in a production load.
832: |   parm1=6{TimerActive}
832: |   7{NoTimerSet}
832: | Connection service has either attempted to set a
832: | timer which is already active or attempting to
832: | cancel a timer which is not active. This is

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832: | indicates a software logic error in the connection
832: | service. This may cause a short term failure in
832: | a link management operation.
832: | parm1=8{InvStateTransition}
832: | This indicates that either the Cell Manager,
832: | Locator, Validation Server, or Portable Driver
832: | has violated its protocol with the connection
832: | service. Subsequent parameters identify the state
832: | event and emulator involved. In the worst case it
832: | may be necessary to setup a new link to ensure that
832: | the state machine is in a sane state.
832: | parm1=9{BadState}
832: | The Connection service was in an unknown state. It
832: | will correct itself by going to IDLE state. This is
832: | likely caused by RAM corruption. This may have the
832: | affect of a link error for a link in progress.
832: | parm1=A{FSMTimeout}
832: | The connection service timed-out waiting for a
832: | reply from the Cell Manager after requesting some
832: | operation. If this occurs it is usually accompanied
832: | by a failed operation such as releasing a link or
832: | an RSSI operation.
832: | In the worst case, it may necessary to setup a new
832: | link to ensure that the state machine is in a sane
832: | state.
832: | parm1=B{BadFSMSemaphore}
832: | a re-entry condition has been detected in the
832: | connection service. This is indicative of a logic
832: | error in software.
832: | parm1=C{VNIInContext}
832: | a re-entry condition has been detected where the
832: | connection service is attempting to send an event
832: | to the portable driver as a result of a portable
832: | driver action. This is a software logic error.
832: | parm1=D{CantRegRouter}
832: | The connection service can not see FUMP messaging.
832: | No links can be made, wireless calls are non-
832: | functional.
832: | parm1=E{FUMPInfoNotDefined}
832: | F{LInfoNotDefined}
832: | 10{LStatusNotDefined}
832: | Indicates a connection service internal logic
832: | error where it is attempting to send an event
832: | which is not supported by its encoding procedure.
832: | parm1=11{RqstNotSupported}
832: | Portable Driver made a request which is not
832: | supported in some way by the connection service
832: | included in the software load. This is likely a
832: | logic error in the portable driver or a loadbuild
832: | error.
832: | parm1=12{VNIRqstUndefined}
832: | 13{VNUMsgUndefined}
832: | The portable driver sent an event to the connection
832: | service which was not recognised at all. This is a
832: | logic error in the portable driver or a loadbuild
832: | error.
832: | parm1=14{CSBadEvent}

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832: | One of the connection agents (Locator or Validation
832: | server) has passed the connection service an
832: | unrecognised event. This is either a logic error in
832: | the agent or a loadbuild error.
832: | parm1=15{CSBadRoute}
832: | One of the connection agents (Locator or Validation
832: | server) has passed the connection service an
832: | invalid Route Id. There is either a logic error in
832: | the agent or in the system indices translations.
832: | parm1=16{ValTagDuplicate}
832: | The validation server has given a tage to the
832: | connection service which the connection service
832: | deams to be already in use by the validation
832: | server. This indicates a logic error in the
832: | validation server.
832: | ENVIRONMENT:
832: | This only applies to wireless.
832: | HUMAN ACTION:
832: | None.
833: Rdrvr_Error                P5 'A'                Trace                TestLog
833: | CAUSE:
833: | The radio driver software which directly controls the
833: | MWBS device has experienced an internal error.
833: | ENVIRONMENT:
833: | This logevent was introduced in the R-10s product.
833: | This logevent functions as a debugging event.
833: | HUMAN ACTION:
833: | None.
834: ConnErrLowPrio              P4 'B'                Trace                TestLog
834: | CAUSE:
834: | This event and event 832 (ConnErrHighPrio) have the same
834: | set of paramaters and meaning. They just divide what may
834: | be a serious error from a non-serious error.
834: | For a list of all parameters see event 832
834: | ENVIRONMENT:
834: | This only applies to wireless.
834: | HUMAN ACTION:
834: | None.
835: ValPIDvErr                  P4 'A'                Trace                TestLog
835: | CAUSE:
835: | The wireless system access LID that was stored was either already in
use
835: | or was not valid.
835: | ENVIRONMENT:
835: | One possible cause is if the system is cold started with no base
835: | stations attached and then warm started before a base station is
835: | connected.
835: | Some upgrade scenarios will also cause this logevent.
835: | If the LID was already in use the system will continue
835: | to use it (parameter = 0).
835: | If the LID was invalid the system will use a random number
835: | generator to create a new one (parameter = 1).
835: | HUMAN ACTION:
835: | If desired the system access LID can be administered to be
835: | a specific value.
836: ValLIDrErr                  P4 'B'                Trace                TestLog
836: | CAUSE:

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836: | There are no known causes of this logevent.
836: | The entity that manages/routes Link IDentifiers (LID) has noticed a
836: | problem with one of the agents that generate/validate LIDs.
836: | ENVIRONMENT:
836: | This event was introduced by Compact UK wireless and is only
836: | applicable to wireless products.
836: | Parameter =
836: | 0 - Attempt to add or delete a LID by an unregistered agent.
836: | 1 - Attempt to change a LID by an unregistered agent.
836: | 2 - Attempt to register an agent twice.
836: | 3 - Attempt to register an agent with too many LIDs.
836: | 4 - Attempt to add more LIDs than registered with.
836: | 5 - Attempt to generate more LIDs than registered with.
836: | HUMAN ACTION:
836: | None.
837: WAddMgrErr                P4 'B'                Trace                TestLog
837: | CAUSE:
837: | There are no known causes of this logevent.
837: | When attempting to register a portable (wireless) phone it was
837: | determined that the item attempting to register is not a portable.
837: | ENVIRONMENT:
837: | This event was introduced by Compact UK wireless and is only
837: | applicable to wireless products.
837: | Parameter =
837: | 0 - Attempt to add an item that is not a portable.
837: | 1 - Attempt to delete an item that is not a portable.
837: | HUMAN ACTION:
837: | None.
840: NoEBDDriver                P6 'A'                Trace                TestLog
840: | CAUSE:
840: | Don't know.
840: | The parameter contains the emulator instance.
840: | ENVIRONMENT:
840: | The event occurs on DR4 and up products.
840: | Should occur on wireless sets.
840: | HUMAN ACTION:
840: | Customer should contact installer to get the event tracebacks.
841: InvBasCPPTrans              P4 'A'                Trace                TestLog
841: | CAUSE:
841: | Likely due to race condition in reception of events
841: | between application and lower levels. Again, it's
841: | likely to happen during some new functionality and
841: | related development. Invalid state transition which
841: | should not result in dropped calls but may result
841: | in strange behaviour until the next call.
841: | ENVIRONMENT:
841: | Only in wireless products.
841: | HUMAN ACTION:
841: | None. Investigate in lab. Will need low level WOLF
841: | to discover sequence of messages.
842: BadCPPChar                  P4 'A'                Trace                TestLog
842: | CAUSE:
842: | Application is attempting to display a character
842: | which is not supported by the particular portable
842: | driver. Either they shouldn't be displaying the
842: | charcater since the physical device doesn't support
842: | it, or they should extend the driver to support the

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842: | new requirements.
842: | ENVIRONMENT:
842: | Only in wireless products.
842: | HUMAN ACTION:
842: | None. Investigate in lab. Will need low level WOLF
842: | to discover sequence of messages.
843: BadVNInput          P4 'A'          Trace          TestLog
843: | CAUSE:
843: | Received a message from the radio driver or mobility
843: | subsystem that seems out of context with the current
843: | state. May result in strange behaviour (UI) on this
843: | one call, but will rectify itself on the subsequent
843: | call attempt.
843: | ENVIRONMENT:
843: | Only in wireless products.
843: | HUMAN ACTION:
843: | None. Investigate in lab. Will need low level WOLF
843: | to discover sequence of messages.
844: SyncError            P7 'A'          Trace          TestLog
844: | CAUSE:
844: | At the moment of this writing, this event was not being used.
844: | ENVIRONMENT:
844: | None.
844: | HUMAN ACTION:
844: | None.
845: SyncCFPErrors        P4 'A'          Trace          TestLog
845: | CAUSE:
845: | At the moment of this writing, this event was not being used.
845: | ENVIRONMENT:
845: | None.
845: | HUMAN ACTION:
845: | None.
846: Inv_RM_Assignment     P4 'A'          Trace          TestLog
846: | CAUSE:
846: | A radio is attempting to assign itself to a cell
846: | while it is still assigned to a different cell.
846: | ENVIRONMENT:
846: | This represents a software error, although it may not
846: | have a noticable affect on the users. The radio will
846: | be left in the original cell and may cause
846: | inefficient use of radio resources.
846: | HUMAN ACTION:
846: | NO_PARMS, this should never occur in a product released
846: | to the market.
847: Inv_RM_Removal        P4 'A'          Trace          TestLog
847: | CAUSE:
847: | A radio is attempting to remove itself from a cell
847: | to which it is not assigned.
847: | ENVIRONMENT:
847: | This represents a software error, although it may not
847: | have a noticable affect on the users. The radio will
847: | not be available for service while it is not assigned
847: | to a cell.
847: | HUMAN ACTION:
847: | NO_PARMS, this should never occur in a product released
847: | to the market.
848: Cell_Event            P4 'B'          Trace          TestLog

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848: | CAUSE:
848: | Based on the first parameter the causes are
848: | 0 LAD Registration failure - A cell manager has been
848: | unable to register with the router for messages
848: | to or from a given LAD.
848: | 1 Context Event - When the radio was assigned to the
848: | cell, it was in an invalid state.
848: | 2 Pickup Failure - The radio attempting to pickup a
848: | link to the portable during controlled mobile
848: | handoff, has been unable to complete its task. The
848: | link to the portable is lost.
848: | ENVIRONMENT:
848: | 0 - Software error, Cell Manager has been sent an
848: | invalid LAD by the Community Data Service or
848: | variant is not correctly setup. Should never
848: | happen in the field.
848: | 1 - Software error, Radio Emulator/Driver maintenance
848: | state machine have not properly managed the
848: | assignment of the radio to a cell.
848: | 2 - a) The portable was turned off at the moment a
848: | handoff was attempted (a real window which can
848: | not be prevented).
848: | b) The radio was unable to find the portable
848: | during its scans. Could be caused by a new source
848: | of interference, etc.
848: | c) A software/hardware error prevented proper
848: | radio/portable scanning from occurring.
848: | HUMAN ACTION:
848: | In the case of 2c (above), if a given radio or
848: | portable exhibits this problem frequently, then a
848: | hardware problem is probable. The unit should be
848: | serviced or replaced.

849: LEvSyncSlave P4 'A' Trace TestLog
849: | CAUSE:
849: | The sync slave chain entity on the radio emulator chain
849: | is reporting an invalid event.
849: | ENVIRONMENT:
849: | This event occurs on wireless products.
849: | HUMAN ACTION:
849: | None.

850: LEvSyncMaster P4 'A' Trace TestLog
850: | CAUSE:
850: | The sync master chain entity on the radio emulator chain
850: | is reporting an invalid event.
850: | ENVIRONMENT:
850: | This event occurs only on wireless products.
850: | HUMAN ACTION:
850: | None.

851: MWBS_Debug_Event P9 'A' Trace TestLog
851: | CAUSE:
851: | This is a back door to allow the MWBS software to
851: | raise KSU log events. This event indicates that an
851: | error has occurred in the MWBS software.
851: | ENVIRONMENT:
851: | This log event was introduced in the R-10s product.
851: | HUMAN ACTION:
851: | None.

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852: DT_DevError          P4 'A'          Trace          TestLog
852: | CAUSE:
852: |   The Data Transfer server has been told by the base
852: |   station that an error condition has happened.
852: | ENVIRONMENT:
852: | HUMAN ACTION:
852: |   None.
853: DT_SrvrError          P7 'A'          Trace          TestLog
853: | CAUSE:
853: |   A problem or unexpected event has been detected
853: |   during a download to a base station or a BRI card.
853: |   This error indicates a software inconsistency in the CCU.
853: |   It normally occurs only in the lab. The first byte
853: |   of the argument is a reason code which provides more
853: |   detail.
853: | ENVIRONMENT:
853: |   This error can only occur when base stations or BRI
853: |   are present.
853: | HUMAN ACTION:
853: |   This error by itself may be harmless and not prevent
853: |   any device from functioning. However, if a device later
853: |   fails, the data provided in this message may be useful.
854: DT_SlaveError          P4 'A'          Trace          TestLog
854: | CAUSE:
854: |   The Data Transfer slave chain entity on the radio
854: |   emulator is reporting an invalid event.
854: | ENVIRONMENT:
854: | HUMAN ACTION:
854: |   None.
855: TL_PortSrvError          P4 'B'          Trace          TestLog
855: | CAUSE:
855: |   BASED ON THE VALUE OF THE FIRST PARAMETER:
855: |   0 - BadEvent - Invalid Event for State
855: |   Parm 2: Current number of CPP emulators
855: |   This event indicates that the Portable Server could not find
855: |   a NIL CPP emulator even though it has not reached the maximum
855: |   number of possible emulators. Upon finding a NIL CPP
855: |   emulator the server would boot/create a CPP emulator.
855: |   2 - Route ID is set to NIL
855: |   Parm 2: Event number
855: |   The current event does not have the route id set, this
855: |   information is a key field and must always be set.
855: |   6 - PIDRoute - unexpected entry in PID to Route table
855: |   Parm 2: Not used, set to 0
855: |   Unexpected entry in the table that keeps track of what
855: |   route ID is assigned to what PID. If a PID is being added,
855: |   would expect the table not to have an entry, if PID being
855: |   deleted there should be an entry in the table.
855: |   7 - unexpected entry in local table
855: |   Parm 2: Not used, set to 0
855: |   A local table keeps track of what emulators are available
855: |   to be assigned to a new CPP. This message indicates a
855: |   problem with this table,
855: |   ie: if the table has an entry but the entry has a NIL RouteID.
855: |   11 - Portable Server cant register with Router
855: |   Parm 2: Not used, set to 0
855: |   At initialization time this module is unable to register

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855: | with the Router. This makes the module inoperable.
855: | 12 - problem with system access LID
855: | Parm 2: Not used, set to 0
855: | Trying to register the Telelink private LID with the LID
855: | Registration module, does not succeed.
855: | ENVIRONMENT:
855: | Should not happen.
855: | HUMAN ACTION:
856: LctrErrFatal          P9 'B'          Trace          TestLog
856: | CAUSE:
856: | BASED ON THE VALUE OF THE FIRST PARAMETER:
856: | 12 ERcdsNoLADs
856: | Number of locating group LADs received from
856: | the CDS (Community Data Server) does not match
856: | with the locator's value.
856: | 13 ERdmNilHandle
856: | The locator does not have a handler to a block
856: | in the NV-RAM.
856: | 14 ERdmPutRecord
856: | The locator has failed to write a block in the
856: | NV-RAM (ie invocation failure from dmPutRecord).
856: | 15 ERspLctrLAD
856: | The locator has failed to register for FUMP msg with
856: | Lctr_LAD (ie invocation failure from FuncLADRoute).
856: | 16 ERspConsLAD
856: | The locator has failed to register for FUMP msg with
856: | Cons_LAD (ie invocation failure from FuncLADRoute).
856: | ENVIRONMENT:
856: | BASED ON THE VALUE OF THE FIRST PARAMETER:
856: | 12 During the locator's initialization, the locator
856: | obtains three LADs (the even cells group LAD,
856: | the odd cells group LAD, and all the cells group LAD)
856: | from the CDS. If the locator does not agree with the
856: | number of the LADs received then it generates this.
856: | 13 During the locator's initialization, the locator
856: | obtains a handler (ie a pointer to a pointer) from
856: | the data manager via either dmQryBlk or dmAllocate.
856: | If these invocations failed then it generates this.
856: | 14 During the locator's initialization, the locator
856: | writes a new default values in its block in
856: | the NV-RAM via dmPutRecord.
856: | If the invocation fails then it generates this.
856: | 15 During the locator's initialization, the locator
856: | registers its FUMP receiving procedure for receiving
856: | FUMP msg with destination LAD of Lctr_LAD in order
856: | to receive the msg from the CDS.
856: | If the invocation fails then it generates this.
856: | 16 During the locator's initialization, the locator
856: | registers its FUMP receiving procedure for receiving
856: | FUMP msg with destination LAD of Cons_LAD in order
856: | to receive the msg from the CMs (Cell Managers).
856: | If the invocation fails then it generates this.
856: | HUMAN ACTION:
856: | NO_PARMS, this should never occur in the product release.
857: LctrErrSevere          P4 'B'          Trace          TestLog
857: | CAUSE:
857: | BASED ON THE VALUE OF THE FIRST PARAMETER:

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857: | 1 ERcsGrpRing
857: | The locator has detected a location request with
857: | "Group Ring" which is not supported.
857: | 2 ERcsSrchPrgrs
857: | The locator has received another location request
857: | for the portable which is already being searched.
857: | 3 ERcsNoSrchPrgrs
857: | The locator has received abort request for the
857: | portable which is not being searched.
857: | 4 ERcsBadCmd
857: | The locator has detected an invalid request.
857: | 5 ERcsBadRouteId
857: | The locator has detected an invalid RouteId.
857: | 6 ERdmCheckSum
857: | The locator has detected the check sum error of
857: | its block in the NV-RAM.
857: | 7 ERLctrStratgy
857: | The locator search strategy recorded is incorrect.
857: | 8 ERLctrDblTimer
857: | The locator tries to set a timer which is already set.
857: | 9 ERLctrNoTimer
857: | The locator tries to cancel the time which
857: | does not exist.
857: | 10 ERLctrBadTimerEvent
857: | The locator encounters an invalid time out event.
857: | ENVIRONMENT:
857: | BASED ON THE VALUE OF THE FIRST PARAMETER:
857: | 1 The CS (Connection Service) has invoked PROCEDURE
857: | LocatorProc (Locate) in order to locate a portable
857: | with "Group Ring" being set which is NOT supported
857: | by the current system.
857: | 2 The CS has invoked PROCEDURE LocatorProc (Locate)
857: | in order to locate the portable which is ALREADY
857: | being searched.
857: | 3 The CS has invoked PROCEDURE LocatorProc (Abort)
857: | in order to abort the prior locate request for
857: | the portable which is NOT being searched.
857: | 4 The CS has invoked PROCEDURE LocatorProc with
857: | an invalid request other than (Locate) and
857: | (Abort).
857: | 5 The CS has invoked PROCEDURE LocatorProc (Locate
857: | or Abort) with an invalid RouteId.
857: | 6 During the locator's initialization, the locator
857: | has detected the check sum of its block in the
857: | NV-RAM is invalid.
857: | 7 The locator has detected that the locator constant
857: | of its search strategy in the NV-RAM is invalide.
857: | 8 The locator tries to set a timer which is already set.
857: | 9 The locator tries to cancel the time which
857: | does not exist.
857: | 10 The locator encounters an invalid time out event.
857: | HUMAN ACTION:
857: | NO_PARMS, this should never occur in the product release.
858: DVC_ERROR P4 'B' Trace TestLog
858: | CAUSE:
858: | The network manager has experienced an internal
858: | error while attempting to determine the physical

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858: | channel to terminate a B-Channel connection.
858: | Parameter 1 is the type of error
858: | 00 - Read error
858: | 01 - Write error
858: | 02 - Wireless association failed
858: | 03 - DTI/BRI clock association failed
858: | 04 - BRI trunk/set association failed
858: | ENVIRONMENT:
858: | Currently this facility is only used to determine
858: | the end points for wireless and BRI calls, and
858: | BRI and DTI clocks.
858: | HUMAN ACTION:
858: | Contact the installer to determine the traceback
859: AgentsExhausted          P1 'D'          TestLog
859: | CAUSE:
859: | All possible wireless DNs have been registered
859: | to portable terminals. No DN is available to
859: | handle the registration Link setup request.
859: | ENVIRONMENT:
859: | This is the expected condition when the system is
859: | fully registered with portable terminals.
859: | It only occurs on wireless systems where portable
859: | terminals are registered to a unique portable DN.
859: | HUMAN ACTION:
859: | 1IF there are ISDN S-loop terminals in the system,
859: | a portable DN can be made available by changing
859: | DN type in UI session.
859: | 2A portable DN can also be made available by
859: | de-registering a portable terminal.
860: Nim_Drvr_Err             P1 'A'          Trace          TestLog
860: | CAUSE:
860: | The NIM box is not plugged into a valid port or
860: | something is wrong with the NIM driver.
860: | If PARM 0 = invalid_data.
860: | PARM 1: state.
860: | PARM 2: event.
860: | If PARM 0 = bad_data.
860: | ENVIRONMENT:
860: | The event occurs only on DR5 North American products.
860: | HUMAN ACTION:
860: | Make sure the NIM box is plugged into the correct port.
861: WrongCOLAD               P4 'A'          Trace          TestLog
861: | CAUSE:
861: | The LAD for the current CO id bad.
861: | ENVIRONMENT:
861: | The event occurs only in SWAMI, not in production loads.
861: | HUMAN ACTION:
861: | None.
862: WrongDfltData            P4 'B'          Trace          TestLog
862: | CAUSE:
862: | The data used for defaulting is invalid.
862: | The country specific information is not in supported
862: | PARM 0-1: emulator instance.
862: | PARM 2-3: activation ID.
862: | ENVIRONMENT:
862: | This event occurs only in R100 global wireless products.
862: | HUMAN ACTION:

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862: | KSU will boot with some country-specific information incorrect.
862: | Restart and re specify the country.
863: DvcInInvalidPort          P4 'F'                      TestLog Alarm:68
863: | CAUSE:
863: | A device has been connected in a port which is not
863: | available for the device type.
863: | ENVIRONMENT:
863: | The usual cause is a basestation or wireline set connected to a
863: | port outside the valid range.
863: | HUMAN ACTION:
863: | Disconnect the device in the port identified in the event.
863: | Reconnect it in a valid port.
864: L3_Msg_Corrupt           P5 'C'                      TestLog
864: | CAUSE:
864: | A basestation has received a Layer 3 CAI stimulus
864: | message which has been corrupted either at the
864: | portable, basestation or in the transmission to the
864: | KSU.
864: | ENVIRONMENT:
864: | This event was introduced in the R-10s product. This
864: | event will generally occur as a result of a "rogue" or
864: | damaged portable which is transmitting corrupt data.
864: | The system will ignore this bad message but the user
864: | may complain of un-acted upon keypresses.
864: | HUMAN ACTION:
864: | Identify the bad portable and remove it from the
864: | system. This can only be done by looking at logger and
864: | noting the portable which has generated this log event.
865: L3_Msg_Extension          P1 'C'
865: | CAUSE:
865: | A basestation has received a Layer 3 CAI stimulus
865: | message which it does not understand since it is
865: | an extension of the CAI protocol.
865: | ENVIRONMENT:
865: | This event was introduced in the R-10s product. This
865: | event will occur more in the future when new CAI
865: | portables are introduced which use new portions of the
865: | CAI protocol which were not defined when the R-10s
865: | system was created.
865: | HUMAN ACTION:
865: | The users should be notified that this type of enhanced
865: | operation is not supported on the system.
866: SlaveQFull                P1 'A'                      TestLog
866: | CAUSE:
866: | Slaved ringing is active, and the ring event queue for a portable
866: | is full.
866: | ENVIRONMENT:
866: | This event can occur if the portable is not located,
866: | in which case there is no problem. If it occurs frequently when
866: | portables are located, the length of the ring event queue might
866: | need to be increased
866: | HUMAN ACTION:
866: | None.
867: NoPPMResp                 P4 'D'                      TestLog
867: | CAUSE:
867: | A request was sent to the firmware to either
867: | read or read_and_clear the current PPM count.

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867: | The pulse_meter_report reply has not been returned.
867: | ENVIRONMENT:
867: | Possible cause is a problem with the messaging between
867: | the firmware and the software.
867: | HUMAN ACTION:
867: | This will only be one of the symptoms of possible
867: | messaging problems. There are other pieces of the
867: | software designed to detect and handle these problems.
868: NoCall4PPM P4 'D' TestLog
868: | CAUSE:
868: | If a pulse_meter_report is received from the firmware
868: | but the line it is sent for is not active on a call.
868: | ENVIRONMENT:
868: | Possible cause is a problem with the messaging between
868: | the firmware and the software.
868: | HUMAN ACTION:
868: | This will only be one of the symptoms of possible
868: | messaging problems. There are other pieces of the
868: | software designed to detect and handle these problems.
869: Lang_Err_Order P4 'A' TestLog
869: | CAUSE:
869: | In case the calls to the language loading procedure
869: | ra_LoadLang is not in consecutive and sequential
869: | order, we raise this event and load the language in the
869: | first available position in the loading array, this
869: | language may eventually be overwritten by other language.
869: | ENVIRONMENT:
869: | introduced for R100A Global software release
869: | HUMAN ACTION:
869: | None.
870: StartBSDownload P8 'E'
870: | CAUSE:
870: | This alarm occurs when basestation download is beginning.
870: | It does not indicate a problem with basestations.
870: | This alarm can occur several times if many basestations
870: | are connected.
870: | ENVIRONMENT:
870: | This alarm occurs in all products which support
870: | wireless functionality.
870: | This alarm is indicated by a text string rather
870: | than by an alarm code.
870: | HUMAN ACTION:
870: | During basestation download, system performance may be sluggish,
870: | and wireless functionality will not be complete.
870: | It is therefore best to wait for the Basestation Download Done
870: | alarm.
871: StopDownload P8 'E'
871: | CAUSE:
871: | This alarm normally occurs only once when all
871: | basestation and BRI downloads are complete it
871: | does not indicate a problem. It does not occur
871: | if no wireless or BRI downloads are required.
871: | ENVIRONMENT:
871: | This alarm occurs in all products which support
871: | wireless or BRI functionality. This alarm is
871: | indicated by a text string rather than by an
871: | alarm code.

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871: | HUMAN ACTION:
871: |   None.
872: TL_Appl_Event                P4 'E'                Trace                TestLog
872: | CAUSE:
872: |   This is a generic Telelink Application Event.
872: | ENVIRONMENT:
872: |   Telelink Only.
872: | HUMAN ACTION:
872: |   None.
873: CSC_SrvrError                'B'                TestLog
873: | CAUSE:
873: |   This Log Event is generated when the CT2Plus Common Signalling
873: |   Channel Server receives a request message that could not be
873: |   processed, from a Cell or from the Initialization Server.
873: |   This can be caused by:
873: |   1 A Corrupted Cell Manager, sending requests out of sequence.
873: |   2 A Cell Manager LAD, translated into an invalid Cell Index.
873: |   3 A cell could not select a CT2Plus CSC beacon due to
873: |   defective base stations, in that cell.
873: |   4 The SEQUENCER attempted to reset the CSC Server state to IDLE
873: |   or to clear CSC Data in NVRAM, while the CSC Server was in an
873: |   invalid state.
873: | ENVIRONMENT:
873: |   These Log Events occur in all CT2Plus wireless products. Parameter 2
873: |   will always indicate the CSC Server state as follows:
873: |   a) sIdle (value 1)
873: |   b) sAccepting_Requests ( " 2)
873: |   c) sNot_Accepting_Requests ( " 3)
873: |   d) sRunning_System ( " 4)
873: |   BASED ON THE VALUE OF THE FIRST PARAMETER:
873: |   1 ERcscClrData
873: |   The CSC Server received a CSCSERVER(ClearCSCData) request
873: |   from the INITIALIZATION Server, while in an invalid state.
873: |   Parameter 2 - indicates the CSC Server state.
873: |   2 ERcscRstIdle
873: |   The CSC Server received a CSCSERVER(ResetToIdle) request
873: |   from the INITIALIZATION Server, while in an invalid state.
873: |   Parameter 2 - indicates the CSC Server state.
873: |   3 ERcscReqSeq
873: |   The CSC Server received a CSCRequest message from a Cell
873: |   Manager, out of sequence. The cell was being processed at
873: |   the time or the LAD translated into an INVALID Cell Index.
873: |   Parameter 2 - indicates the CSC Server state.
873: |   Parameter 3 - contains the offending CELL NUMBER.
873: |   4 ERcscBeacon
873: |   The CSC Server received a CSCSlect(CSC_Response) response
873: |   from a Cell Manager, with a NIL CSC Channel and/or Timeslot.
873: |   Parameter 2 - indicates the CSC Server state.
873: |   Parameter 3 - contains the offending CELL NUMBER.
873: |   Parameter 4 - contains the returned Channel.
873: |   Parameter 5 - contains the returned Timeslot.
873: |   5 ERcscRspSeq
873: |   The CSC Server received a CSCSlect(CSC_Response) response
873: |   from a Cell Manager, out of sequence.
873: |   Parameter 2 - indicates the CSC Server State.
873: |   Parameter 3 - contains the offending CELL NUMBER.
873: |   6 ERcscQueue

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873: | The CSC Server's CMRequest queue has overflowed with too many
873: | CSCRequests from Cell Managers.
873: | Parameter 2 - indicates the CSC Server State.
873: | Parameter 3 - contains the CELL NUMBER that caused the overflow.
873: | 7 ERcscTmOut
873: | A cell failed to select a CSC beacon within a reasonable time.
873: | Parameter 2 - indicates the CSC Server State.
873: | Parameter 3 - contains the CELL NUMBER that timed out.
873: | 8 ERcscFuncLad
873: | The CSC Server failed to register for FUMP messages.
873: | Parameter 2 - indicates the CSC Server state (UNDEFINED state).
873: | 9 ERcscInvTmOut
873: | A cell CSC beacon selection timer expired for a mismatched cell.
873: | Parameter 2 - indicates the CSC Server State.
873: | Parameter 3 - contains the CELL NUMBER that timed out.
873: | HUMAN ACTION:
873: | BASED ON THE VALUE OF THE FIRST PARAMETER:
873: | 1 ERcscClrData
873: | 2 ERcscRstIdle
873: | This is an information Log Event that may occur during
873: | system initialization. Retry the request when the system
873: | is operational and accepting wireless call traffic.
873: | 3 ERcscReqSeq
873: | The offending cell will not be enabled to accept call
873: | traffic. A COLD or WARM restart must be invoked to enable
873: | the cell.
873: | 4 ERcscBeacon
873: | The offending CELL NUMBER was unable to select a CSC beacon
873: | and will probably not be able to operate. Verify that the
873: | base stations in the cell are not defective.
873: | 5 ERcscRspSeq
873: | The CSC Server was either expecting a response from another cell
873: | or was not expecting a response from any cell. The system may be
873: | corrupted. A COLD or WARM restart should clear the problem.
873: | 6 ERcscQueue
873: | The CSC Server's CMRequest queue supports at most one Cell Manager
873: | CSCRequest, from each cell, for the maximum current system
873: | configuration, at a time. Multiple CSCRequests from the same cell,
873: | will overwrite the previous entry in the queue. The system may be
873: | corrupted. A COLD or WARM restart should clear the problem.
873: | 7 ERcscTmOut
873: | A cell failed to return a response for a selected CSC beacon within
873: | a reasonable amount of time. The CSC Server will consider that the
873: | offending cell selected a NIL CSC Channel and Timeslot. The offending
873: | cell will probably not be able to operate. Verify that the base
873: | stations in the cell are not defective. A COLD or WARM restart
873: | should clear the problem.
873: | 8 ERcscFuncLad
873: | The CSC Server failed to register for FUMP message routing. The system
873: | will not be operational. A COLD or WARM restart should clear the
873: | problem.
873: | 9 ERcscInvTmOut
873: | A cell timer expired for a mismatched cell. The CSC Server was
873: | actually timing a CSC beacon selection for a different cell. The
873: | CSC Server will continue waiting for the expected cell response
873: | or the correct timer expiration. If the problem recurs, a COLD
873: | or WARM restart should clear the problem.

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874: ENET_Event                P7 'B'                Trace                TestLog
874: | CAUSE:
874: |   This is a generic ENET Application Event.
874: | ENVIRONMENT:
874: |   ENET Only.
874: |   First parameter is MyLAD.
874: |   Second parameter is an Error Code, which are defined
874: |   in Unit CTXT_IF.
874: | HUMAN ACTION:
874: |   None.
875: RunAwayLogical             P8 'B'                TestLog
875: | CAUSE:
875: |   A previous target call was not release properly.
875: | ENVIRONMENT:
875: |   Split Lines and Target Call mixup.
875: | HUMAN ACTION:
875: |   Report problem to NT.
876: Speed_No_Rge_Err           P6 'B'                TestLog
876: | CAUSE:
876: |   Speed Dial bin number is out of range.
876: | ENVIRONMENT:
876: |   Speed Diallers
876: |   First parameter is MyLAD.
876: |   Second parameter is NUM and BIN_NUM packed into one word.
876: | HUMAN ACTION:
876: |   Report problem to NT.
877: EvalReq_Alarm               'F'                TestLog Alarm:20
877: | CAUSE:
877: |   This ALARM is generated when the Autoadmin subsystem detects a
877: |   a significant change in the physical environment. Possible
877: |   scenarios that constitute a significant change in the wireless
877: |   environment include:
877: |   1 A base station being plugged into its TCM loop while
877: |   the system is in the process of initialization.
877: |   2 A NEW cell is added to the existing configuration while
877: |   the system is operational (running).
877: |   3 Moving an EXISTING base station to another TCM loop while
877: |   the system is operational (running).
877: |   4 Replacing an EXISTING base station (in the same TCM loop)
877: |   while the system is operational (running).
877: | ENVIRONMENT:
877: |   This alarm occurs in all CT2Plus wireless products. It corresponds
877: |   to ALARM:20 However, it is displayed as a text string
877: |   "Re-Eval required", rather than an alarm code. The alarm will also
877: |   be logged in the FAULTS file. It does not have any parameters.
877: | HUMAN ACTION:
877: |   Re-Evaluation should be initiated from the administration set.
877: |   The user has the choice of invoking an IMMEDIATE RE-EVALUATION or
877: |   scheduling a SCHEDULED RE-EVALUATION for a specified time and date.
877: |   Re-Evaluation can also be invoked directly via a FUMP interface.
877: |   The TELELINK AMCP uses the FUMP interface to invoke Re-Evaluation.
878: EvalInProg_Alarm            'E'                TestLog Alarm:21
878: | CAUSE:
878: |   This is an informational ALARM generated whenever the Autoadmin
878: |   Mobility Controller initiates the mobility data re-evaluation
878: |   process. Mobility data re-evaluation is either manually invoked
878: |   through the Admin Terminal interface or automatically during a

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878: | COLD or WARM restart.
878: | ENVIRONMENT:
878: | This alarm occurs in all CT2Plus wireless products. It corresponds
878: | to ALARM:21 However, it is displayed as a text string
878: | "Re-Eval in prog.", rather than an alarm code. The alarm will also
878: | be logged in the FAULTS file, as LOG EVENT 878
878: | HUMAN ACTION:
878: | There is no human action required. This ALARM only alerts the
878: | system administrator/installer that mobility data re-evaluation
878: | has started. Note that mobility data re-evaluation is always
878: | invoked on a COLD restart, but only when required on a WARM
878: | restart. If re-evaluation is required during a WARM restart, the
878: | wireless subsystem will take longer to initialize, before call
878: | traffic can be enabled.
879: EvalComplete_Alarm          'E'                      TestLog Alarm:22
879: | CAUSE:
879: | This is an informational ALARM generated whenever the Autoadmin
879: | mobility data re-evaluation process has completed.
879: | ENVIRONMENT:
879: | This alarm occurs in all CT2Plus wireless products. It corresponds
879: | to ALARM:22 However, it is displayed as a text string
879: | "Re-Eval complete", rather than an alarm code. The alarm will also
879: | be logged in the FAULTS file, as LOG EVENT 879
879: | HUMAN ACTION:
879: | There is no human action required. This ALARM only alerts the
879: | system administrator/installer that mobility data re-evaluation
879: | has finished.
880: CO_TIMER_ERR                P7 'B'                    Trace          TestLog
880: | CAUSE:
880: | Timer is not cancelled and active call is
880: | NIL_LHD_INDEX.
880: | ENVIRONMENT:
880: | First parameter is the Emulator Instance
880: | Second parameter is an Error Code, which are defined
880: | as 1-HLR, 2-Tmr_Prime_xfr, 3-Tmr_Call_back.
880: | HUMAN ACTION:
880: | Active call should never be nil when a timer is
880: | still running. Software must be debugged to
880: | determine the cause.
881: CellCSC_Alarm               'F'                      TestLog Alarm:23
881: | CAUSE:
881: | This ALARM is generated when an Autoadmined cell fails to select a
881: | CSC beacon. The cell will not be enabled for wireless call traffic.
881: | ENVIRONMENT:
881: | This alarm occurs in all wireless products that use the Autoadmin
881: | sub-system. The situation can occur during a system restart or after
881: | an Autoadmin Mobility Data Re-Evaluation has been invoked. This log
881: | event generates an ALARM 23-nnnn display, where the CELL NUMBER is
881: | displayed as "nnnn" immediately after the alarm number. The Log
881: | Event is generated with multiple parameters, where each parameter
881: | represents a BCD digit for the CELL NUMBER. It is logged in the
881: | FAULTS file with the following parameter indications:
881: | Parm 1 - contains the offending CELL NUMBER (MSB digit).
881: | Parm 2 - contains the offending CELL NUMBER (LSB digit).
881: | Parm 3 - blank unless CELL NUMBER > 99
881: | Parm 4 - blank unless CELL NUMBER > 999
881: | HUMAN ACTION:

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881: | The offending cell will not be enabled to accept call traffic.
881: | Invoking an Autoadmin Mobility Data Re-Evaluation or a WARM restart
881: | may correct the problem, however the customer or installer should
881: | report the problem.

882: EvalTriggered 'E' TestLog

882: | CAUSE:
882: | This is an informational LOG EVENT generated when the Wireless
882: | Autoadmin Mobility Controller initiates a Mobility Data
882: | Re-Evaluation sequence. The Log Event is used to indicate the
882: | source of the Re-Evaluation trigger.

882: | ENVIRONMENT:
882: | This log event occurs in all wireless products that use the Autoadmin
882: | sub-system. The Re-Evaluation sequence can be invoked as follows:
882: | a. RESTART - Re-Evaluation was initiated during a system RESTART.
882: | b. IMMEDIATE - Re-Evaluation can be initiated on demand from the
882: | admin terminal through the **CONFIG menu.
882: | c. SCHEDULED - Re-Evaluation can be initiated at a pre-determined
882: | time and date, from the admin terminal through the
882: | **CONFIG menu.
882: | d. EXTERNAL - Re-Evaluation can be initiated on demand from any
882: | KSU external FUMP entity, such as the TELELINK AMCP.
882: | e. INTERNAL - Re-Evaluation was internally queued by the Mobility
882: | Controller (back-to-back ReEval). This can occur if
882: | a Re-Evaluation sequence is already active when the
882: | Mobility Controller detects a "ReEval required"
882: | condition. In this case a second (back-to-back) ReEval
882: | will be automatically triggered by the Mobility
882: | Controller, after the currently executing ReEval
882: | sequence completes. The Mobility Controller will queue
882: | at most one back-to-back ReEval request, at a time.
882: | It is logged in the FAULTS file with the following parameter
882: | indications:
882: | Parm 1 - Source of the Re-Evaluation invocation:
882: | 1 RESTART - Re-Eval invoked automatically at system restart.
882: | 2 IMMEDIATE - Re-Eval invoked from an admin terminal.
882: | 3 SCHEDULED - Re-Eval scheduled from an admin terminal.
882: | 4 EXTERNAL - Re-Eval invoked from an external FUMP entity.
882: | 5 INTERNAL - Re-Eval invoked automatically from within
882: | the Mobility Controller (back-to-back).

882: | HUMAN ACTION:
882: | None.

883: Inv_dip_dig P4 'C' Trace TestLog

883: | CAUSE:
883: | This logevent indicates that an invalid dial pulse digit
883: | was detected by the T1 firmware. (Invalid pulse duration)

883: | ENVIRONMENT:
883: | This logevent was introduced in the T1 product to identify
883: | when the T1 firmware receives an invalid make/break
883: | duration on a dial pulse trunk.

883: | HUMAN ACTION:
883: | None. This implies that the far end is not sending
883: | dial pulse digits according to specification.

884: Mob_CntlError 'B' TestLog

884: | CAUSE:
884: | This is a general purpose Log Event used by the Autoadmin
884: | Mobility Controller, to flag various software errors.

884: | ENVIRONMENT:


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884: | This Log Event occurs in all products that use the wireless
884: | Autoadmin Subsystem functionality. The first parameter of the
884: | Log Event identifies the actual error class flagged as follows:
884: | Parm 1 -
884: | 1 = ERmobNVInit - Failed to INITIALIZE Mobility Controller NVRAM
884: | 2 = ERmobNVread - Failed to READ record from Mobility Controller NVRAM
884: | 3 = ERmobNVwrite - Failed to WRITE record to Mobility Controller NVRAM
884: | 4 = ERmobActCompl - No entity active, but SEQUENCER indicated
completion
884: | 5 = ERmobSeqActRsp - No entity active, but SEQUENCER returned
activation status
884: | 6 = ERmobEntAlreadyInv- SEQUENCER ENTITY was already invoked - bad
event
884: | 7 = ERmobBadEntityInv - SEQUENCER ENTITY invoked while the MOB state
was invalid
884: | Parm 2 .. Parm 4 - Event Specific Data.
884: | HUMAN ACTION:
884: | Report problem to NT.
885: SeqError 'B' TestLog
885: | CAUSE:
885: | This is a general purpose Log Event used by the Sequencer
885: | Engine in order to flag various software errors.
885: | ENVIRONMENT:
885: | This Log Event occurs in all products that include the
885: | Sequencer functionality (currently all wireless products).
885: | The first parameter of the log indicates the type of error,
885: | corresponding to enumerated type tLogEvent in unit SEQUENCER.
885: | The second parameter indicates the affected sequence, and the
885: | third parameter specifies the entity in that sequence.
885: | HUMAN ACTION:
885: | Depending on the error, either the sequence or the entity in
885: | that sequence will fail to run correctly.
886: cd_I_AA_ERRORS P9 'B' TestLog
886: | CAUSE:
886: | This is a general purpose Log Event used by the Autoadmin
886: | Initial Intelligence Component to flag various software errors.
886: | ENVIRONMENT:
886: | The event occurs on the KSU in all wireless products that
886: | support the Auto-admin functionality.
886: | HUMAN ACTION:
886: | None.
887: CFPSnf_ERRORS P7 'B' TestLog
887: | CAUSE:
887: | This is a general purpose Log Event used by the Autoadmin
887: | CFP Sniffing Component to flag various software errors.
887: | ENVIRONMENT:
887: | The event occurs on the KSU in all wireless products that
887: | support the Auto-admin functionality.
887: | This log event occurs in all wireless products that include the UTAM
887: | System Disablement feature functionality. It is logged in the FAULTS
887: | file with the following parameter indications:
887: | Parm 1 &
887: | Parm 2 - Radio Port Identifier (2 BYTES).
887: | Parm 3 - B1/B2 Radio Identifier (on the specified PORT Id).
887: | Parm 4 - Specific Error Code Identifier:
887: | 0 = rErrTimer, - Timer is incorrectly set or not set
887: | 1 = rBadEvent, - Invalid Event

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887: | 2 = rBadParmValue, - Unexpected parameter value in FUMP msg
887: | 3 = rBadMsgType, - Bad Msg type
887: | 4 = rBadRadioId, - Radio ID does not match current Tx Radio or Invalid
887: | 5 = rFUMP_Cmd, - Invalid FUMP command
887: | 6 = rCantRegRouter, - "aa_sniff_srvr" server can't see FUMP
887: | 7 = rNACK_Select, - Radio rejected CFP Sniffing Sniff Select Msg (@
start up)
887: | 8 = rTO_Remain_Idle, - Radio timed out while in the "Remain Idle" state
887: | 9 = rRadio_Sanity, - Sanity timer expired - no response from radio
887: | 10= rUnexpected_event - Unexpected event from Radio Emulator
887: | 11= rUnknown_Input, - Unknown input - "aa_sniff_srvr" server cannot
understand msg
887: | 12= rTx_error, - Tx Radio error - timeout, invalid event or mis-matched
PID
887: | 13= rRadio_Death, - Radio died (Stop Emulator message)
887: | 14= rNoChannel, - Get Channel Resp has number of channels set to 0
887: | 15= rBadSequence - CFP Sniff entity invoked from UNKOWN SEQUENCE -
can't setup
887: | Parm 5 - "aa_sniff_srvr" current EVENT.
887: | Parm 6 - Line Reference NUMBER in "aa_sniff_srvr" module.
887: | Parm 7 - Event specific data (optional).
887: | HUMAN ACTION:
887: | Report occurrence to NT.
888: RadMgrError          'B'                      TestLog
888: | CAUSE:
888: | This is a general purpose Log Event used by the wireless Radio Manager,
888: | to flag various software errors.
888: | ENVIRONMENT:
888: | This Log Event occurs in all products that support wireless
888: | functionality. The first parameter of the Log Event identifies the
actual
888: | error class flagged as follows:
888: | Parm 1 - Error Class Identifier.
888: | 1 = ERrmRbmSeqActivate - Radio Boot Monitor Sequence unexpectedly
invoked
888: | 2 = ERrmCritBootCompl - Received unexpected Critical Boot Complete
message
888: | 3 = ERrmRadEmulIdle - Unexpected Radio Emulator Sub-Fsm Idle event
888: | 4 = ERrmInvReBootTmrExpired - Re-Boot Timer expired when no sub-Fsm was
active
888: | 5 = ERrmInvCritBootTmrExpired - Critical Boot Complete Timer expired w/
no sub-Fsm
888: | 6 = ERrmStartRadioBoot - Start Radio Boot event received while in
progress
888: | 7 = ERrmStnIdBad - Invalid radio emulator REF received --> Bad StnId
888: | 8 = ERrmSubFsmStateBad - Radio Boot Monitor Sub-Fsm has a corrupted
state
888: | 9 = ERrmDeathReport - Sub-Fsm Death Report event received while
inactive
888: | 10= ERrmBadUpdateFormat - Radio List Update message has incorrect
format
888: | 11= ERrmBadIndexes - Radio List Update message has incorrect radio
index
888: | 12= ERrmBadTimerExpired - Timer that expired is unrecognized - Bad
Timer Id
888: | 13= ERrmTmReBootExpired - Re-Boot Timer expired before radio was re-
born

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888: | 14= ERrmTmCritBootExpired - Critical Boot Timer expired before radio
completed
888: | 15= ERrmCFPLListMismatched - Radios were removed from a Radio List by
update msg
888: | 16= ERrmIncompleteData - Radio List Update message has insufficient
data
888: | 17= ERrmInvLateDeathTmrExpired- Late Death Timer expired while state
was inactive
888: | Parm 2 .. Parm 5 - Event Specific Data.
888: | HUMAN ACTION:
888: | Usually the problem is caused by a defective base station. The culprit
base
888: | station will be in an OFFLINE, BUSY or MAINTENANCE state. Replace the
888: | base station with a new unit.
889: RemActTO                P3 'D' NetLog Trace                TestLog
889: | CAUSE:
889: | Remote Access has timed-out, waiting for a response
889: | from the parser.
889: | ENVIRONMENT:
889: | Parameter is LAD.
889: | HUMAN ACTION:
889: | Check Remote Access Dialling Plan.
890: DASS2_CP_Error          P7 'B'                Trace                TestLog
890: | CAUSE:
890: | DASS2 or ISDN.
890: | Error on incoming call.
890: | ENVIRONMENT:
890: | First parameter is LAD.
890: | Second parameter is an Error_Code, which are defined
890: | in Unit digital_hdlr.
890: | HUMAN ACTION:
890: | None.
891: OLIEvent                P7 'B'                Trace                TestLog
891: | CAUSE:
891: | OLI supporting variants only.
891: | Incorrect Set Index or OLI Number when trying to access
891: | OLI Server NVRAM.
891: | ENVIRONMENT:
891: | First parameter is Set Index.
891: | Second parameter is the OLI number for the set.
891: | HUMAN ACTION:
891: | Report to NT.
892: CALL_CHRG_ERROR          P1 'B'                TestLog
892: | CAUSE:
892: | Error in call charge processing.
892: | Error code will indicate type of error:
892: | 0 = NO_ACTIVE_CALL (could not associate charge information
892: | with a call)
892: | 1 = NIL_TIME (Timestamp was invalid)
892: | ENVIRONMENT:
892: | First parameter is DN.
892: | Second parameter is an Error_Code, defined
892: | in unit call_charge.
892: | For NO_ACTIVE_CALL, charge info will not be updated.
892: | For NIL_TIME, feature will not display time for that call.
892: | HUMAN ACTION:
892: | Report to NT.

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893: M1_DRV Events          P4 'A'          TestLog
893: | CAUSE:
893: |   This logevent indicates that the M1 line driver
893: |   either received an unexpected timeout or entered
893: |   into a wrong dial mode.
893: | ENVIRONMENT:
893: |   This logevent was introduced in the MCMO product
893: |   to work with the M1 line module.
893: | HUMAN ACTION:
893: |   None.
894: DASS2_FL_CTL_ERR       P4 'C'          TestLog
894: | CAUSE:
894: |   This logevent indicates that an attempt was made
894: |   to enqueue a message into the DASS2 Layer 3 Flow
894: |   Control queue, but the queue was full. The message
894: |   has been dropped, and will not be sent out to the
894: |   network. This situation can arise if the link has
894: |   gone down but the DTI didn't report that to the KSU.
894: | ENVIRONMENT:
894: |   This logevent was introduced in the DASS2 product and
894: |   only occurs on DASS2 lines.
894: | HUMAN ACTION:
894: |   The customer should report the problem. The installer
894: |   should verify that the DASS2 link is operational, and
894: |   that the DTI is still functioning. It may be necessary
894: |   to deprovision and then reprovision the line.
895: cd_I_AA_Diagnostic      P2 'F'          TestLog
895: | CAUSE:
895: |   This is a general purpose Log Event used by the Autoadmin
895: |   Initial Intelligence Component to flag radio rssi discrepancies.
895: | ENVIRONMENT:
895: |   The event occurs on the KSU in all wireless products that
895: |   support the Auto-admin functionality.
895: | HUMAN ACTION:
895: |   Verify operation of radios specified in the logevent.
896: CFB_Error              P1 'D'          TestLog
896: | CAUSE:
896: |   This logevent indicates that no free set was found
896: |   after the maximum number of call forward busy
896: |   retry attempts.
896: | ENVIRONMENT:
896: |   This event occurs when a group of sets are chained
896: |   together in a call forward busy loop and there is
896: |   no free set (after a number of retries) to accept
896: |   an incoming call.
896: | HUMAN ACTION:
896: |   Customers may want to investigate their call
896: |   forward busy loops to prevent the possibility
896: |   of unanswered incoming calls.
897: M1_SEC_EVENT           P0 'A'
897: | CAUSE:
897: |   Unknown.
897: | ENVIRONMENT:
897: |   Unknown.
897: | HUMAN ACTION:
897: |   Unknown.
898: IlgTrackErr            P7 'B'          Trace      TestLog

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898: | CAUSE:
898: |   A user has pressed an ILG key which the ILG tracker
898: |   thinks is in alerting state, but the key's LHD node
898: |   indicates it is in EST_THERE state.
898: | ENVIRONMENT:
898: |   The first parameter is the index of the set which
898: |   pressed the ILG key the second parameter is the
898: |   ILG number.
898: |   It should be impossible for ILG keys to ever get into
898: |   EST_THERE state. The sequence of events which leads
898: |   to this event is currently unknown.
898: | HUMAN ACTION:
898: |   NO_PARMS, other than record what was happening just
898: |   prior to the event.
899: TL_MWsvrError          P4 'B'          Trace          TestLog
899: | CAUSE:
899: |   BASED ON THE VALUE OF THE FIRST PARAMETER:
899: |   0 - BadEvent - Invalid Event for State
899: |   Parm 2: Event code.
899: |   This event indicates that the Message Waiting Server has found
899: |   a bad event in its handler.
899: |   1 - BadState - MWS FMS is not in known state
899: |   Parm 2: State code.
899: |   This event indicates that the Message Waiting Server has found
899: |   a bad state in its handler.
899: |   2 - BadParmValue - Invalid parameter value.
899: |   Parm 2: Parameter value.
899: |   This event indicates that the Message Waiting Server has found
899: |   a bad parameter value (command) in the message.
899: |   3 - BadMsgType - Invalid message type.
899: |   Parm 2: Message Type.
899: |   This event indicates that the Message Waiting Server has found
899: |   a bad message type in its handler.
899: |   4 - TmrSetAlready - Timer has been set already.
899: |   Parm 2: Timer id code.
899: |   This event indicates that the Message Waiting Server has found
899: |   that a timer is already running.
899: |   5 - TmrNotSet - Timer not set yet.
899: |   Parm 2: Event code.
899: |   This event indicates that the Message Waiting Server has found
899: |   that there are no timer set.
899: |   6 - BadTmrID - Bad Timer Id.
899: |   Parm 2: Timer Id.
899: |   This event indicates that the Message Waiting Server has found
899: |   a bad timer identifier.
899: |   7 - CantRegRouter - Cannot register with FUMP router.
899: |   This event indicates that the Message Waiting Server has found
899: |   that it cannot register with the FUMP router.
899: | ENVIRONMENT:
899: |   Should not happen.
899: | HUMAN ACTION:
899: |   Raise PR.
900: Bad_Msg_Length          P4 'A'          Trace          TestLog
900: | CAUSE:
900: |   The message received is not of the expected length.
900: |   This happens when a request for a PDN is made.
900: | ENVIRONMENT:

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900: | The event occurs on the KSU.
900: | HUMAN ACTION:
900: | Customer should contact installer to get event tracebacks.
901: Log_Upgrade_Coldstart      P8 'F'          Trace      TestLog
901: | CAUSE:
901: | Part or all of the system memory has been
901: | corrupted, the current cartridge version is
901: | not compatible with the previous version, or
901: | DS30 shrinkage occurred.
901: | ENVIRONMENT:
901: | This event could be caused by removal of the
901: | DS30 expansion cartridge or by upgrading to
901: | a software version which is incompatible with
901: | the data from the previous version. The event
901: | could also be caused by corrupted system memory.
901: | The severity is set to 8 because a system coldstart
901: | has occurred, all system programming has been
901: | defaulted and will need to be reprogrammed.
901: | HUMAN ACTION:
901: | The event (901) will be logged in the System Test Log,
901: | look at the entry and record the data following
901: | the event number. Report a PR and give details of
901: | events leading up to coldstart and the data recorded
901: | from the system test log. Installer should then
901: | reprogram system, all data has been defaulted.
902: Alrm_Upgrade_Coldstart      P8 'F'          Alarm:33
902: | CAUSE:
902: | Part or all of the system memory has been
902: | corrupted, the current cartridge version is
902: | not compatible with the previous version, or
902: | DS30 shrinkage occurred.
902: | ENVIRONMENT:
902: | This alarm indicates that event 901 (a coldstart
902: | during an upgrade) has occurred. Please see
902: | event 901 for further details.
902: | HUMAN ACTION:
902: | Please see event 901 for course of action required.
903: BAD_BRI_MSG_LN              P4 'A'          Trace      TestLog
903: | CAUSE:
903: | A ISDN BRI message with invalid length is received
903: | by loop driver. The length of the whole message is
903: | longer than TotalMsgLn which is the length of base
903: | header plus the maximum length of ISDN message.
903: | The portion of the message longer than TotalMsgLn
903: | has been discarded.
903: | ENVIRONMENT:
903: | This happens on BRI card.
903: | HUMAN ACTION:
903: | Customer should contact installer to get event tracebacks.
904: qERR_In_tLD                  P3 'B'          Trace      TestLog
904: | CAUSE:
904: | A logevent has been caused in the ISDN loop driver or broadcast
904: | call handler by the receipt of unexpected input.
904: | 1st parameter is an error sub-code (see source code).
904: | Remaining bytes are optional parameters passed to the error call.
904: | See the source code at the location of the error. call.
904: | ENVIRONMENT:

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904: | ISDN loop driver or broadcast call control receiving input.
904: | HUMAN ACTION:
904: | Determine input that caused event and state of the ISDN
904: | driver when the call occurred. Take steps to fix
904: | incorrect event or have driver accept it.
910: Invalid_Line_Mode          P4 'E'
910: | CAUSE:
910: | The line mode is invalid. The TL_UTIL procedure
910: | TL_Query_Line returned a mode invalid line mode.
910: | This is for information only.
910: | ENVIRONMENT:
910: | HUMAN ACTION:
910: | None.
940: Comm_ERRORS                P4 'A'          Trace          TestLog
940: | CAUSE:
940: | A terminal is reporting an error to the maintenance server.
940: | The parameter contains the port of terminal reporting the error.
940: | ENVIRONMENT:
940: | The event occurs on terminal.
940: | HUMAN ACTION:
940: | Customer should contact installer to get the event tracebacks.
941: RX_Buf_Overflow            P4 'A'          Trace          TestLog
941: | CAUSE:
941: | A terminal's received buffer has overflowed.
941: | The parameter contains the port of terminal reporting the error.
941: | ENVIRONMENT:
941: | The event occurs on the terminal.
941: | HUMAN ACTION:
941: | The terminal could be reset.
942: TX_Buf_Overflow            P4 'A'          Trace          TestLog
942: | CAUSE:
942: | A terminal's transmit buffer has overflowed.
942: | The parameter contains the port of terminal reporting the error.
942: | ENVIRONMENT:
942: | The event occurs on the terminal.
942: | HUMAN ACTION:
942: | The terminal could be reset.
943: Term_Specific              P4 'A'          Trace          TestLog
943: | CAUSE:
943: | An error specific to a terminal has occurred.
943: | PARM 0: port.
943: | PARM 1: error code.
943: | ENVIRONMENT:
943: | The event occurs on the terminal.
943: | HUMAN ACTION:
943: | The terminal could be reset.
944: ET_RelaysActive            P9 'B'
944: | CAUSE:
944: | Another logevent has specified that the Emergency Transfer relay should
944: | be activated. The parameter displayed is the number of the logevent
944: | which caused the Emergency Transfer relay(s) to be activated.
944: | ENVIRONMENT:
944: | The Emergency Transfer relay(s) are now activated, one or more
944: | trunks are now connected to the Emergency (or Power Fail) phone.
944: | Currently no product uses this alarm.
944: | HUMAN ACTION:
944: | Refer to the logevent that caused the Emergency Transfer

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944: | relay(s) to be activated.
944: | The Emergency Transfer relay(s) can be deactivated by performing
944: | a warm start.
945: qErr_On_VDI          P4 'B'          Trace          TestLog
945: | CAUSE:
945: | A logevent has been caused in the ISDN term/trunk driver by the
945: | receipt of a bad VDI request. The parameters are defined as follows:
945: | PARM 0(n=1): Error sub-code. See module isdn_defs for description.
945: | PARM n(n=n+1): 0xFF means no loop driver info available
945: | or PARM n to n+2(n=n+3): loop num, loop drvrid DIV 100, drvrid MOD 100
945: | PARM n (n=n+1): 0xFF means no term/trunk drvrid info available
945: | or PARM n to n+1 (n=n+2): term/trunk drvrid DIV 100, drvrid MOD 100
945: | PARM n (n=n+1): 0xFF means no call info available, OR
945: | or PARM n to n+5 (n=n+6): call drvrid DIV 100, drvrid MOD 100,
945: | call internal state, call CR val
945: | call state, call next state
945: | PARM n to m: OPTIONAL additional info that is dependant on log event.
945: | ENVIRONMENT:
945: | ISDN trunk or terminal drivers receiving VDI request from emulator.
945: | HUMAN ACTION:
945: | Determine VDI command that caused event and state of the ISDN
945: | driver when the call occurred. Take steps to fix call from
945: | emulator or fix driver code.
946: qErr_On_CC          P4 'B'          Trace          TestLog
946: | CAUSE:
946: | A logevent has been caused in the ISDN term/trunk driver by the
946: | receipt of a bad call control ind/req. The parameters are defined as:
946: | PARM 0(n=1): Error sub-code. See module isdn_defs for description.
946: | PARM n(n=n+1): 0xFF means no loop driver info available
946: | or PARM n to n+2(n=n+3): loop num, loop drvrid DIV 100, drvrid MOD 100
946: | PARM n (n=n+1): 0xFF means no term/trunk drvrid info available
946: | or PARM n to n+1 (n=n+2): term/trunk drvrid DIV 100, drvrid MOD 100
946: | PARM n (n=n+1): 0xFF means no call info available, OR
946: | or PARM n to n+5 (n=n+6): call drvrid DIV 100, drvrid MOD 100,
946: | call internal state, call CR val
946: | call state, call next state
946: | PARM n to m: OPTIONAL additional info that is dependant on log event.
946: | ENVIRONMENT:
946: | ISDN trunk or terminal drivers receiving CC req/ind from BRI
946: | Card via Loop Driver.
946: | HUMAN ACTION:
946: | Determine CC req/ind that caused event and state of the ISDN
946: | driver when the call occurred. Take steps to fix msg from
946: | BRI Card or fix driver code.
947: qErr_On_IO          P4 'B'          Trace          TestLog
947: | CAUSE:
947: | A logevent has been caused in the ISDN term/trunk driver by the
947: | failure to be able to send a message to the Loop Driver via driver
947: | linkage. The parameters are defined as:
947: | PARM 0(n=1): Error sub-code. See module isdn_defs for description.
947: | PARM n(n=n+1): 0xFF means no loop driver info available
947: | or PARM n to n+2(n=n+3): loop num, loop drvrid DIV 100, drvrid MOD 100
947: | PARM n (n=n+1): 0xFF means no term/trunk drvrid info available
947: | or PARM n to n+1 (n=n+2): term/trunk drvrid DIV 100, drvrid MOD 100
947: | PARM n (n=n+1): 0xFF means no call info available, OR
947: | or PARM n to n+5 (n=n+6): call drvrid DIV 100, drvrid MOD 100,
947: | call internal state, call CR val

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947: | call state, call next state
947: | PARM n to m: OPTIONAL additional info that is dependant on log event.
947: | ENVIRONMENT:
947: | ISDN trunk or terminal drivers sending msg to the loop driver.
947: | HUMAN ACTION:
947: | Determine reason for driver linkage failure and rectify.
948: qErr_On_EncDec          P4 'B'          Trace          TestLog
948: | CAUSE:
948: | A logevent has been caused in the ISDN term/trunk driver by the
948: | failure to encode or decode a Call Control msg to/from the BRI Card.
948: | The parameters are defined as:
948: | PARM 0(n=1): Error sub-code. See module isdn_defs for description.
948: | PARM n(n=n+1): 0xFF means no loop driver info available
948: | or PARM n to n+2(n=n+3): loop num, loop drvrid DIV 100, drvrid MOD 100
948: | PARM n (n=n+1): 0xFF means no term/trunk drvrid info available
948: | or PARM n to n+1 (n=n+2): term/trunk drvrid DIV 100, drvrid MOD 100
948: | PARM n (n=n+1): 0xFF means no call info available, OR
948: | or PARM n to n+5 (n=n+6): call drvrid DIV 100, drvrid MOD 100,
948: | call internal state, call CR val
948: | call state, call next state
948: | PARM n to m: OPTIONAL additional info that is dependant on log event.
948: | ENVIRONMENT:
948: | ISDN trunk or terminal drivers sending msg (encode) to the BRI
948: | Card via the loop driver or receiving a message from the BRI
948: | Card via the loop driver (decode).
948: | HUMAN ACTION:
948: | Determine reason for encode/decode failure and rectify.
949: qErr_On_Prot            P6 'B'            TestLog Alarm
949: | CAUSE:
949: | A logevent has been caused in the ISDN term/trunk driver by the
949: | receipt of bad protocol call control from the BRI Card. This is not
949: | a decode failure. Rather, the driver expected something in the call
949: | control message that was not there or did not expect something that
was.
949: | The parameters are define as:
949: | PARM 0(n=1): Error sub-code. See module isdn_defs for description.
949: | PARM n(n=n+1): 0xFF means no loop driver info available
949: | or PARM n to n+2(n=n+3): loop num, loop drvrid DIV 100, drvrid MOD 100
949: | PARM n (n=n+1): 0xFF means no term/trunk drvrid info available
949: | or PARM n to n+1 (n=n+2): term/trunk drvrid DIV 100, drvrid MOD 100
949: | PARM n (n=n+1): 0xFF means no call info available, OR
949: | or PARM n to n+5 (n=n+6): call drvrid DIV 100, drvrid MOD 100,
949: | call internal state, call CR val
949: | call state, call next state
949: | PARM n to m: OPTIONAL additional info that is dependant on log event.
949: | ENVIRONMENT:
949: | ISDN trunk or terminal drivers receiving call control msg from the
949: | BRI Card via the loop driver.
949: | HUMAN ACTION:
949: | Determine reason for log and rectify.
990: AAGreetLost            P5 'F'            TestLog Alarm:833
990: | CAUSE:
990: | Due to a system reset the RAM-based auto attendant
990: | greetings were erased.
990: | ENVIRONMENT:
990: | Only occurs on variants that support the auto attendant.
990: | HUMAN ACTION:

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990: | Re-record the auto attendant greetings using F*833
991: BadRagIndex          P6 'A'          Trace          TestLog
991: | CAUSE:
991: |   Unknown. A nil rag index has been detected when the ring
991: |   again offer has timed out.
991: | ENVIRONMENT:
991: |   This problem occurs presently only in Mega ICS.
991: |   The integer parameter is the PDN of the set
991: |   where the ring again offer timed out with a nil RAG index.
991: | HUMAN ACTION:
991: |   Customer should contact installer to get event tracebacks
991: |   and to get log event parameter. A side effect may be that the
991: |   intercom key where the offer was made remains flashing: the
991: |   Release key will clear it.
992: Autatt_Error          P6 'B'          TestLog
992: | CAUSE:
992: |   A software error has occurred within the auto attendant.
992: | ENVIRONMENT:
992: |   The auto attendant driver or greeting manager has detected
992: |   an error. The component and specific error code are indicated
992: |   in the log event parameters.
992: |   The possible values are listed with their meanings below:
992: |   Parm1 - Routine
992: |   00 Init_Greetings
992: |   01 AllocAAChannel
992: |   02 DeallocAAChannel
992: |   03 Reg_Recording
992: |   04 Rsrv_Recording
992: |   05 Make_Recording
992: |   06 Clear_Recording
992: |   07 Qu_Recording_Made
992: |   08 Build_Greeting
992: |   09 Play_Greeting
992: |   10 AA_Drvr_Callback
992: |   11 Init_ROM_Recordings (Unable to locate recording, likely caused
992: |   by the recoding not being linked into the load).
992: |   12 Init_ROM_Recordings (Unable to retrieve recording, an internal
992: |   error).
992: |   13 Get_Recording
992: |   14 End_Recording
992: |   15 Upd_Recording
992: |   16 Qu_Zero_Length_Recording
992: |   Parm2 - Meaning
992: |   00-08 Unknown error (should never occur).
992: |   09 Pause packet.
992: |   1x 1st language (currently North American English)
992: |   2x 2nd language (currently Canadian French)
992: |   3x 3rd language (currently American Spanish)
992: |   x = 1 1st Recording (All our operators are busy ...)
992: |   x = 2 2nd recording (Hold the line ...)
992: |   x = 3 3rd recording (If you know the number ...)
992: |   x = 4 4th recording (Thankyou for calling, Goodbye)
992: |   71 Unable to allocate the NVRAM required for the user recordings.
992: |   72 Out of client slots in the AA driver - Unable to allocate channel.
992: |   73 Attempt to deallocate a channel that is not allocated.
992: |   74 Max. recording slots reached - Cannot register or rsrv. recording.
992: |   75 Wrong recording type passed (Must be ROM or NVRAM).

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992: | 76 Wrong recording type passed (Must be RAM or NVRAM).
992: | 77 Out of RAM recording space (Cannot reserve recording).
992: | 78 Out of NVRAM recording space (Cannot reserve recording).
992: | 79 Message too short (Cannot reserve recording).
992: | 80 Invalid or nil request id parameter.
992: | 81 Invalid or nil recording id parameter.
992: | 82 First recording id is nilRecID (Cannot build greeting).
992: | 83 Negative pause value found (Cannot build greeting).
992: | 84 Max. greetings reached (Cannot build greeting).
992: | 85 Bad greeting id (Cannot play greeting).
992: | 86 Bad recording type (PrNONE).
992: | 87 Cannot change recording type.
992: | HUMAN ACTION:
992: | Customer should contact installer with log event parameters.
993: IRADDropCall          P5 'C'          TestLog
993: | CAUSE:
993: | A call to the Integrated RAD was dropped. This may be due
993: | to a noisy line between the KSU and the remote site.
993: | ENVIRONMENT:
993: | Only occurs on variants supporting an internal modem.
993: | The possible values are listed with their meanings below:
993: | 0 - MdConnAck : Should never be logged
993: | 1 - SessnReady : Should never be logged
993: | 2 - SessnDown : Session Down
993: | The modem reports loss of carrier.
993: | 3 - SuspQFTO : Suspend Queue Full Timeout
993: | The base transmit queue is full and the client
993: | programmed timeout duration has been exceeded.
993: | 4 - SuspRT : Suspend Queue Full Retrain
993: | Transmit queue on SP is full as a result of
993: | retrain underway in the modem.
993: | 5 - BadSessn : Bad Session
993: | The data link layer indicated too many frame errors.
993: | 6 - CommFailure : Communication Failure
993: | NRAS II layer far end time out.
993: | 7 - MdDiscAck : Should never be logged
993: | 8 - NCTimeout : No Carrier Timeout
993: | The modem has not established a connection
993: | with the far end within the time specified by the
993: | client.
993: | HUMAN ACTION:
993: | If this happens often contact the service provider to
993: | determine what can be done to improve the line quality.
994: MPI_ERROR          P7 'B'          TestLog
Restart
994: | CAUSE:
994: | The MPI was unable to locate the requested critical
994: | data. For critical DE's, this could be due to a bogus DE ID,
994: | or that the DE does not exist in the selected MP or the
994: | default MP. For market selection, access to the market selection
994: | data, i.e. NVRAM or RAM blocks, was unsuccessful.
994: | PARM[0] = MPI Error type
994: | 0 - DE error
994: | 1 - Market selection error
994: | If DE error :
994: | PARM[1] = DE ID
994: | PARM[2] = Selected Market

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994: | If Market selection error :
994: | PARM[1] = Type of request
994: | 0 - reading selected market
994: | PARM[2] = Result of the NVRAM access
994: | 1 - setting the selected market
994: | PARM[2] = Result of the NVRAM access
994: | 2 - getting the market availability table
994: | ENVIRONMENT:
994: | This occurs only in the lab.
994: | HUMAN ACTION:
994: | Designer to trace error and rectify.
995: G_LOSS_PLAN_ERROR          P4 'B'                      TestLog
995: | CAUSE:
995: | The Global Loss Plan engine encountered an error.
995: | First parameter = Loss Plan Error code. Remaining
995: | parameters are dependent on the error code.
995: | ENVIRONMENT:
995: | This can occur in any product which supports Market Profiles.
995: | HUMAN ACTION:
995: | The customer should report the problem, including all
995: | of the information that accompanies the event in the log.
995: | Designers should see unit glb_lss_defs for interpretation
995: | of the error codes and other parameters.
996: G_ADS_ERROR                P4 'B'                      TestLog
996: | CAUSE:
996: | The ACCESS Data Server encountered an error.
996: | First parameter = ADS error code. Remaining parameters
996: | are dependent on the error code.
996: | ENVIRONMENT:
996: | This can occur in any product that supports the ADS.
996: | HUMAN ACTION:
996: | The customer should report the problem, including all
996: | of the information that accompanies the event in the log.
996: | Designers should see unit ads for interpretation of the
996: | error codes and other parameters.
997: HLR_LINE_UNKNOWN          P1 'B'                      TestLog
997: | CAUSE:
997: | The Held Line Reminder does not know what line is on hold.
997: | ENVIRONMENT:
997: | This can occur in any product which supports Held Line Reminder.
997: | HUMAN ACTION:
997: | The Prime set for the set upon which the line is held will
997: | display the DN of the set that has the line on hold, rather
997: | than the line that is on hold. This event should never occur.
1000: VLI_Stim_Evt              P0 'E'
1000: | CAUSE:
1000: | A stimulus message for a trunk has been received by the trunk driver.
1000: | The parameters contain the message.
1000: | ENVIRONMENT:
1000: | HUMAN ACTION:
1000: | None.
1001: VLI_Tmr_Evt                P0 'E'
1001: | CAUSE:
1001: | A timeout occurred in the trunk driver.
1001: | The parameters contain the timer data.
1001: | ENVIRONMENT:
1001: | HUMAN ACTION:

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1001: | None.
1002: VLI_Cmd_Evt P0 'E'
1002: | CAUSE:
1002: | A trunk command is issued by the trunk driver.
1002: | The parameters contain the command data.
1002: | ENVIRONMENT:
1002: | HUMAN ACTION:
1002: | None.