



# Carrier Voice over IP Fault Management Logs Reference Volume 5

## ATTENTION

The Carrier Voice over IP Fault Management Log Reference document uses six volumes to describe logs that Carrier VoIP Portfolio components can generate. Not all components apply to every solution.

A log report is a message about important conditions or events related to Carrier VoIP portfolio component(s) performance. Log reports include, but are not restricted to, the following information:

- state and activity reports
- changes in state
- hardware or software errors
- test results
- other events or conditions that affect performance

**Note:** Both system actions and manual overrides can generate log reports.

## What's new for (I)SN09?

There is no new content.

## Log formats

The log formats shown in this volume display in either NT or SCC2 standard formats. Not every format that generates from the core appears in a log report. Consult the latest software load that accompanies your product for a complete list of log formats.

## In this volume

Volume 5 contains the Carrier VoIP [Media Gateway 9000](#) logs. The table in this volume identifies and briefly describes the logs they use. Double-click on the log identifier to see the log details.

## Media Gateway 9000

The following table lists the individual logs that the Media Gateway 9000 (MG 9000) generates.

### MG 9000 logs (Sheet 1 of 23)

Log ID	Description
<a href="#">ALM998</a>	Indicates the MG 9000 Manager detects it has missed alarms sent by the MG 9000
<a href="#">ALM999</a>	Indicates the MG 9000 Manager has recovered lost alarms from the MG 9000
<a href="#">BW300</a>	Indicates a switched lines shelf reserved bandwidth alarm has occurred or has been cleared
<a href="#">BW301</a>	Indicates a network interface overall reserved bandwidth alarm has occurred or been cleared
<a href="#">BW302</a>	Indicates a network interface switched lines reserved bandwidth alarm has occurred or has cleared
<a href="#">BW304</a>	Indicates an overall cell queue congestion alarm has occurred or been cleared
<a href="#">BW305</a>	Indicates an ATM cell queue for this service type is at least 90% full
<a href="#">BW306</a>	Indicates an RT-VBR cell queue congestion alarm has occurred or been cleared
<a href="#">BW307</a>	Indicates an NRT-VBR cell queue congestion alarm has occurred or has been cleared
<a href="#">BW308</a>	Indicates a UBR cell queue congestion alarm has occurred or has been cleared
<a href="#">BW309</a>	Indicates a UBR-plus cell queue congestion alarm has occurred or been cleared

**MG 9000 logs (Sheet 2 of 23)**

Log ID	Description
<a href="#">BW310</a>	Indicates a control channel cell queue congestion alarm has occurred or been cleared
<a href="#">BW311</a>	Indicates reserved bandwidth dedicated to ABI lines on the network interface has exceeded the configured threshold percentage
<a href="#">BW800</a>	Indicates one of the input cell Queues crossed the configured threshold percentage
<a href="#">BW801</a>	Indicates the total or DSL's cell rates cross the configured threshold percentage
<a href="#">CES305</a>	Indicates a CES loss of cell fault has occurred or been cleared
<a href="#">CLK301</a>	Indicates a loss of phase lock fault occurs
<a href="#">CLK302</a>	Indicates a loss of frame pulse lock fault occurs
<a href="#">CLK303</a>	Indicates a loss of my clock fault occurs
<a href="#">CLK304</a>	Indicates a loss of mate clock fault occurs
<a href="#">CLK305</a>	Indicates a loss of clock output fault occurs
<a href="#">CLK306</a>	Indicates a single reference fault occurs
<a href="#">CLK307</a>	Indicates an all reference failure fault occurs
<a href="#">CLK308</a>	Indicates a single reference failure fault occurs
<a href="#">CLK312</a>	Indicates a single or all source reference occurred because of a loss of signal
<a href="#">CLK313</a>	Indicates a single or all source reference occurred because of a loss of frame
<a href="#">CLK500</a>	Indicates a change for clock sync has occurred
<a href="#">ESA300</a>	Indicates communication between GWC and MG9000 is lost and entered ESA mode
<a href="#">ESA301</a>	Indicates a data file failure occurred

**MG 9000 logs (Sheet 3 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">ESA304</a>	Indicates a community of interest (COI) failure has occurred
<a href="#">ESA312</a>	Indicates a failure occurred while attempting to provision internodal community of interest data for a given MG 9000
<a href="#">ESA313</a>	Indicates the MG 9000 Manager failed to download ESA data to a VMG
<a href="#">GIGE301</a>	Indicates a loss of signal alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE302</a>	Indicates a remote failure indication alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE303</a>	Indicates a transmit failure alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE304</a>	Indicates a temperature threshold exceeded alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE305</a>	Indicates a low power alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE306</a>	Indicates a transmit signal degraded alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE307</a>	Indicates a transmit excessive error ration alarm has been generated because of a communication failure on the GigE DCC card link
<a href="#">GIGE308</a>	Indicates a transmit bias current alarm has been generated on the GigE DCC card link
<a href="#">GIGE309</a>	Indicates a link initialization alarm has been generated on the GigE DCC card link
<a href="#">GIGE310</a>	Indicates a transmit optical power alarm has been generated on the GigE DCC card link

**MG 9000 logs (Sheet 4 of 23)**

Log ID	Description
<a href="#">GIGE311</a>	Indicates a receive optical power alarm has been generated on the GigE DCC card link
<a href="#">GIGE312</a>	Indicates a GARP failure alarm has been generated on the GigE DCC card link
<a href="#">GIGE313</a>	Indicates a link integrity failure alarm has been generated on the GigE DCC card link
<a href="#">GIGE314</a>	Indicates an autonegotiation failure alarm has been generated on the GigE DCC card link
<a href="#">GIGE315</a>	Indicates the non-preferred link is active alarm has been generated on the GigE DCC card link
<a href="#">IPSC300</a>	Indicates that during negotiation, the key received did not match the one locally set
<a href="#">IPSC301</a>	Indicates Phase 1 security association has expired or is not present
<a href="#">IPSC302</a>	Indicates Phase 2 security association has expired or is not present
<a href="#">IPSC303</a>	Indicates packets are being replayed to the call processing interface
<a href="#">IPSC304</a>	Indicates packets are being replayed to the call processing interface
<a href="#">IPSC305</a>	Indicates packets are being replayed to the call processing interface
<a href="#">IPSC306</a>	Indicates MG 9000 requests to the Radius server has timed out
<a href="#">LINE162</a>	Indicates the MG 9000 is experiencing high traffic volume. Call attempts are being denied because the MG 9000 is in overload
<a href="#">LINE210</a>	Indicates that no free vertical is available for the silent switchman or the dialable short circuit subscriber premise test for MG 9000 lines
<a href="#">MGAU600</a>	Indicates audit tasks

**MG 9000 logs (Sheet 5 of 23)**

Log ID	Description
<a href="#">MGCA301</a>	Indicates a loss of signal for DS1 or OC-3
<a href="#">MGCA302</a>	Indicates an Alarm indication signal for DS1 or OC-3
<a href="#">MGCA303</a>	Indicates a loss of frame (LOF)
<a href="#">MGCA305</a>	Indicates a bit error rate signal failure on OC-3
<a href="#">MGCA306</a>	Indicates a bit error rate signal degrade on OC-3
<a href="#">MGCA307</a>	Indicates a remote defect indication (RDI) on OC-3
<a href="#">MGCA308</a>	Indicates a path label mismatch on OC-3
<a href="#">MGCA309</a>	Indicates loss of pointer on OC-3
<a href="#">MGCA310</a>	Indicates unequipped on OC-3
<a href="#">MGCA312</a>	Indicates an IMA Link - Loss of IMA frame which is a communications protocol error
<a href="#">MGCA313</a>	Indicates an IMA Link - Loss of delayed synchronization
<a href="#">MGCA314</a>	Indicates an IMA Link - Remote failure indication
<a href="#">MGCA315</a>	Indicates an IMA Link transmit misconnect
<a href="#">MGCA316</a>	Indicates an IMA Link receive misconnect
<a href="#">MGCA317</a>	Indicates an IMA Link transmit fault
<a href="#">MGCA318</a>	Indicates an IMA Link receive failure
<a href="#">MGCA319</a>	Indicates an IMA Link transmit unusable far end
<a href="#">MGCA320</a>	Indicates an IMA link receive unusable far end fault
<a href="#">MGCA321</a>	Indicates an IMA group startup far end fault
<a href="#">MGCA322</a>	Indicates an IMA group configuration abort
<a href="#">MGCA323</a>	Indicates an IMA group configuration abort far end

**MG 9000 logs (Sheet 6 of 23)**

Log ID	Description
<a href="#">MGCA324</a>	Indicates an IMA group insufficient links
<a href="#">MGCA325</a>	Indicates an IMA group insufficient links far end fault
<a href="#">MGCA326</a>	Indicates an IMA group blocked far end
<a href="#">MGCA327</a>	Indicates an IMA group timing synchronization
<a href="#">MGCA328</a>	Indicates an ABI loss of clock on the DS-512 optical link
<a href="#">MGCA329</a>	Indicates an ABI loss of frame on the DS-512 optical link
<a href="#">MGCA330</a>	Indicates an ABI low light level
<a href="#">MGCA331</a>	Indicates an ABI channel parity error
<a href="#">MGCA332</a>	Indicates a mismatch between the received path trace identifier and what is provisioned at the MG 9000
<a href="#">MGCA333</a>	Indicates an alarm indication signal (AIS) on a DS3 was received from the MG 9000
<a href="#">MGCA334</a>	Indicates a loss of frame (LOF) fault on a DS3 was received from the MG 9000
<a href="#">MGCA335</a>	Indicates a remote alarm indication (RAI) fault on a DS3 was received from the MG 9000
<a href="#">MGEM300</a>	Indicates the MG 9000 element manager is not able to connect to the element manager database
<a href="#">MGEM301</a>	Indicates the MG 9000 Manager has lost SNMP communication with the MG 9000
<a href="#">MGEM303</a>	Indicates the MG 9000 is sending too many alarms within a 5 second window
<a href="#">MGEM304</a>	Indicates an alarm audit has failed
<a href="#">MGEM600</a>	Indicates a switch of activity has been initiated by the user

**MG 9000 logs (Sheet 7 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">MGEM601</a>	Indicates a lock has been initiated by the user
<a href="#">MGEM602</a>	Indicates an unlock has been initiated by the user
<a href="#">MGEM603</a>	Indicates a forced lock has been initiated by the user
<a href="#">MGEM604</a>	Indicates a forced unlock has been initiated by the user
<a href="#">MGEM605</a>	Indicates diagnostics have been initiated by the user
<a href="#">MGEM606</a>	Indicates the user has initiated provisioning of a new switched lines VMG
<a href="#">MGEM607</a>	Indicates the user has initiated removal of a switched lines VMG
<a href="#">MGEM608</a>	Indicates the user has provisioned switched lines ESA configuration data
<a href="#">MGEM609</a>	Indicates the user has provisioned a switched lines gateway
<a href="#">MGEM610</a>	Indicates the user has provisioned a switched lines gateway termination
<a href="#">MGEM611</a>	Indicates the user has provisioned bulk gateway switched lines terminations
<a href="#">MGEM612</a>	Indicates the user has provisioned a switched lines ESA service code
<a href="#">MGEM613</a>	Indicates the user has removed a switched lines ESA service code
<a href="#">MGEM614</a>	Indicates the user has removed an MG 9000 switched lines termination
<a href="#">MGEM615</a>	Indicates the user has removed bulk MG 9000 switched lines terminations
<a href="#">MGEM616</a>	Indicates the user has removed all switched lines terminations on a line card

**MG 9000 logs (Sheet 8 of 23)**

Log ID	Description
<a href="#">MGEM617</a>	Indicates the user initiated a change in switched lines termination data
<a href="#">MGEM618</a>	Indicates the user provisioned private lines passive endpoint
<a href="#">MGEM619</a>	Indicates the user provisioned private lines active endpoint
<a href="#">MGEM620</a>	Indicates the user provisioned a private lines hairpin connection
<a href="#">MGEM621</a>	Indicates the user set private lines service administrative status
<a href="#">MGEM622</a>	Indicates the user initiated a restart of private lines service
<a href="#">MGEM623</a>	Indicates the user started a test of private lines service ATM virtual circuit
<a href="#">MGEM624</a>	Indicates the user aborted a test of private lines service ATM virtual circuit
<a href="#">MGEM625</a>	Indicates the user unlocked a test of private lines service ATM virtual circuit
<a href="#">MGEM626</a>	Indicates the user deleted private lines endpoints
<a href="#">MGEM627</a>	Indicates the user modified ADSL circuit provisioning attributes
<a href="#">MGEM628</a>	Indicates the user deprovisioned an ADSL data circuit service
<a href="#">MGEM629</a>	Indicates the user added a new ADSL data circuit
<a href="#">MGEM630</a>	Indicates the user changed an ADSL data circuit
<a href="#">MGEM631</a>	Indicates the user deleted an ADSL data circuit
<a href="#">MGEM632</a>	Indicates the user set links in a DS1-IMA group
<a href="#">MGEM633</a>	Indicates the user started a DS1-IMA group pattern test

**MG 9000 logs (Sheet 9 of 23)**

Log ID	Description
<a href="#">MGEM634</a>	Indicates the user stopped a DS1-IMA group pattern test
<a href="#">MGEM635</a>	Indicates the user added a DS1-IMA group link to the group
<a href="#">MGEM636</a>	Indicates the user removed a DS1-IMA group link from the group
<a href="#">MGEM637</a>	Indicates the user set the administration state on a DS1-IMA link
<a href="#">MGEM638</a>	Indicates the user set the configuration state on a DS1-IMA link
<a href="#">MGEM639</a>	Indicates the user initiated a lock on a carrier
<a href="#">MGEM640</a>	Indicates the user initiated a lock on a selected carrier type
<a href="#">MGEM641</a>	Indicates the user initiated an unlock on a selected carrier type
<a href="#">MGEM642</a>	Indicates the user initiated an unlock on a selected carrier type
<a href="#">MGEM643</a>	Indicates the user initiated a forced lock on a selected carrier type
<a href="#">MGEM644</a>	Indicates the user initiated a forced lock on a selected carrier type
<a href="#">MGEM645</a>	Indicates the user initiated a forced unlock on a selected carrier type
<a href="#">MGEM646</a>	Indicates the user initiated a forced unlock on a selected carrier type
<a href="#">MGEM647</a>	Indicates the user onlined on a selected carrier type
<a href="#">MGEM648</a>	Indicates the user onlined on a selected carrier type
<a href="#">MGEM649</a>	Indicates the user offlined on a selected carrier type

**MG 9000 logs (Sheet 10 of 23)**

Log ID	Description
<a href="#">MGEM650</a>	Indicates the user offlined on a selected carrier type
<a href="#">MGEM651</a>	Indicates the user initiated a lock on a selected circuit
<a href="#">MGEM652</a>	Indicates the user initiated a lock on a selected circuit
<a href="#">MGEM653</a>	Indicates the user initiated an unlock on a selected circuit
<a href="#">MGEM654</a>	Indicates the user initiated an unlock on a selected circuit
<a href="#">MGEM655</a>	Indicates the user initiated a diagnostic check on a selected circuit
<a href="#">MGEM656</a>	Indicates the user aborted a diagnostic check on a selected circuit
<a href="#">MGEM657</a>	Indicates the user set an end-to-end test port on a selected circuit
<a href="#">MGEM658</a>	Indicates the user set a PAV test port on a selected circuit
<a href="#">MGEM659</a>	Indicates the user cleared a test on a selected circuit
<a href="#">MGEM660</a>	Indicates the user created a new LCI user
<a href="#">MGEM661</a>	Indicates the user deleted an existing LCI user
<a href="#">MGEM662</a>	Indicates the user modified existing LCI user data
<a href="#">MGEM663</a>	Indicates the user channelized a DS1 carrier
<a href="#">MGEM664</a>	Indicates the user unchannelized a DS1 carrier
<a href="#">MGEM665</a>	Indicates the user modified DS1 carrier provisioning attributes
<a href="#">MGEM666</a>	Indicates the user synchronized preprovisioned bundles

**MG 9000 logs (Sheet 11 of 23)**

Log ID	Description
<a href="#">MGEM667</a>	Indicates the user assigned a DS1 spare card
<a href="#">MGEM668</a>	Indicates the user released a DS1 spare card
<a href="#">MGEM669</a>	Indicates the user reverted DS1 card sparing activity
<a href="#">MGEM670</a>	Indicates the user initiated DS1 card sparing activity
<a href="#">MGEM671</a>	Indicates the user added a DS1 card to a protection group
<a href="#">MGEM672</a>	Indicates the user removed a DS1 card from a protection group
<a href="#">MGEM673</a>	Indicates the user provisioned a DS0 bundle on a DS1 carrier
<a href="#">MGEM674</a>	Indicates the user modified a DS0 bundle
<a href="#">MGEM675</a>	Indicates the user set a DS0 bundle circuit identifier
<a href="#">MGEM676</a>	Indicates the user initiated a lock of a DS0 bundle
<a href="#">MGEM677</a>	Indicates the user initiated an unlock of a DS0 bundle
<a href="#">MGEM678</a>	Indicates the user deleted a DS0 bundle
<a href="#">MGEM679</a>	Indicates a request for a switch of mastership has been received
<a href="#">MGEM699</a>	Indicates an MG 9000 discovery status event by the MG 9000 Manager.
<a href="#">MGEM700</a>	Indicates the MG 9000 Manager server is starting
<a href="#">MGEM701</a>	Indicates the MG 9000 Manager mid-tier is starting
<a href="#">MGEM702</a>	Indicates the MG 9000 Manager mid-tier is shut down
<a href="#">MGEM703</a>	Indicates the MG 9000 Manager mid-tier is shut down

**MG 9000 logs (Sheet 12 of 23)**

Log ID	Description
<a href="#">MGEM704</a>	Indicates an attempt to correct MG 9000 data in the database has failed because the database was unavailable
<a href="#">MGEM705</a>	Indicates an attempt to correct MG 9000 data in the database has passed
<a href="#">MGEM714</a>	Indicates when a user attempts to image an MG 9000 device
<a href="#">NE300</a>	Indicates the MG 9000 is running on pre-SN06 loads and the MG 9000 Manager is running on SN06 or later loads
<a href="#">NE301</a>	Indicates a hardware fault occurred in the MG 9000
<a href="#">NE302</a>	Indicates a software fault occurred in the MG 9000
<a href="#">NE303</a>	Indicates a restored fault occurred in the MG 9000
<a href="#">NE304</a>	Indicates faults are ambiguous with regard to the card that is causing the fault
<a href="#">NE305</a>	Indicates a serial device fault has occurred
<a href="#">NE306</a>	Indicates GLAN Related Faults
<a href="#">NE307</a>	Indicates ABI faults have occurred
<a href="#">NE308</a>	Indicates inband messaging faults
<a href="#">NE309</a>	Indicates Clock Sync faults
<a href="#">NE310</a>	Indicates unused hardware faults
<a href="#">NE311</a>	Indicates Time of Day Faults
<a href="#">NE312</a>	Indicates cable faults
<a href="#">NE313</a>	Indicates an activity cable fault
<a href="#">NE314</a>	Indicates backplane faults
<a href="#">NE315</a>	Indicates a bandwidth fault

**MG 9000 logs (Sheet 13 of 23)**

Log ID	Description
<a href="#">NE316</a>	Indicates line alarms have been raised
<a href="#">NE317</a>	Indicates shelf faults have occurred
<a href="#">NE318</a>	Indicates proxy alarms have occurred
<a href="#">NE319</a>	Indicates MTA alarms have occurred
<a href="#">NE320</a>	Indicates data audit faults occurred
<a href="#">NE500</a>	Indicates when an MG 9000 node pair (DCC, ITP, ITX) perform a switch of activity.
<a href="#">NE501</a>	Indicates when an MG 9000 node (DCC, ITP, ITX, or DS1 card) changes state
<a href="#">NE503</a>	Indicates a DS-512 (ABI) card has performed a switch of mastership
<a href="#">NE504</a>	Indicates a DS-512 (ABI) state change SNMP-trap has occurred
<a href="#">NE609</a>	Indicates when a user submits an image request
<a href="#">OMC300</a>	Indicates that the OM Collector failed to collect the OM file from the MG 9000 during a particular collection interval
<a href="#">OMC600</a>	Reports a summary of OM data collected by the OM collector
<a href="#">OMC700</a>	Indicates the OM collector is starting
<a href="#">OMC701</a>	Indicates the OM collector is shutting down
<a href="#">OVL304</a>	Indicates an overload detection fault has occurred
<a href="#">OVL800</a>	Indicates a Pdu Rate Threshold has been crossed
<a href="#">OVL801</a>	Indicates a Cbv Message Rate Threshold has been crossed
<a href="#">OVL802</a>	Indicates a CBV message rate fault
<a href="#">OVL803</a>	Indicates a CPU utilization fault

**MG 9000 logs (Sheet 14 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">OVLD804</a>	Indicates a CPU utilization fault
<a href="#">OVLD805</a>	Indicates a RAM utilization fault
<a href="#">OVLD806</a>	Indicates a Flash utilization fault
<a href="#">OVLD807</a>	Indicates a channel utilization fault
<a href="#">OVLD808</a>	Indicates an external messaging link has closed and cannot send or receive a message
<a href="#">OVLD809</a>	Indicates a message loss is high enough that the message link is in a degraded service state
<a href="#">OVLD810</a>	Indicates that message retransmissions are high enough that the system is starting to see performance degradation
<a href="#">SHLF301</a>	Indicates a SIC talk battery A alarm occurs
<a href="#">SHLF302</a>	Indicates a SIC talk battery B alarm occurs
<a href="#">SHLF303</a>	Indicates a SIC signal battery A alarm occurs
<a href="#">SHLF304</a>	Indicates a SIC signal battery B alarm occurs
<a href="#">SHLF305</a>	Indicates a SIC signal battery A fuse alarm occurs
<a href="#">SHLF306</a>	Indicates a SIC signal battery B fuse alarm occurs
<a href="#">SHLF307</a>	Indicates a SIC shelf fail LED alarm occurs
<a href="#">SHLF308</a>	Indicates an IBIP signal battery A alarm occurs
<a href="#">SHLF309</a>	Indicates an IBIP signal battery B alarm occurs
<a href="#">SHLF310</a>	Indicates an IBIP signal battery C alarm occurs
<a href="#">SHLF311</a>	Indicates an IBIP signal battery D alarm occurs
<a href="#">SHLF312</a>	Indicates an IBIP talk battery A alarm occurs
<a href="#">SHLF313</a>	Indicates an IBIP talk battery B alarm occurs
<a href="#">SHLF314</a>	Indicates an IBIP filter A fail alarm occurs

**MG 9000 logs (Sheet 15 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">SHLF315</a>	Indicates an IBIP filter B fail alarm occurs
<a href="#">SHLF316</a>	Indicates IBIP scan point 1 is activated
<a href="#">SHLF317</a>	Indicates IBIP scan point 2 is activated
<a href="#">SHLF318</a>	Indicates IBIP scan point 3 is activated
<a href="#">SHLF319</a>	Indicates IBIP scan point 4 is activated
<a href="#">SHLF320</a>	Indicates IBIP scan point 5 is activated
<a href="#">SHLF321</a>	Indicates IBIP scan point 6 is activated
<a href="#">SHLF322</a>	Indicates IBIP scan point 7 is activated
<a href="#">SHLF323</a>	Indicates IBIP scan point 8 is activated
<a href="#">SHLF324</a>	Indicates IBIP scan point 9 is activated
<a href="#">SHLF325</a>	Indicates IBIP scan point 10 is activated
<a href="#">SHLF326</a>	Indicates IBIP scan point 11 is activated
<a href="#">SHLF327</a>	Indicates a frame power problem
<a href="#">SHLF328</a>	Indicates a frame power problem
<a href="#">SHLF329</a>	Indicates a frame power problem
<a href="#">SHLF330</a>	Indicates frame power problem
<a href="#">SHLF332</a>	Indicates an IBIP environmental control unit 0 temperature alarm occurs
<a href="#">SHLF333</a>	Indicates an IBIP environmental control unit 1 temperature alarm occurs
<a href="#">SHLF334</a>	Indicates an IBIP environmental control unit 0 fan alarm occurs
<a href="#">SHLF335</a>	Indicates an IBIP environmental control unit 1 fan alarm occurs
<a href="#">SHLF336</a>	Indicates an IBIP remote alarm cut off alarm occurs

**MG 9000 logs (Sheet 16 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">SHLF337</a>	Indicates an IBIP local alarm cut off alarm occurs
<a href="#">SHLF338</a>	Indicates an IBIP ABS fuse fail alarm occurs
<a href="#">SHLF339</a>	Indicates an IBIP ABS battery power supply alarm occurs
<a href="#">SHLF341</a>	Indicates an the IBIP's Current-sense Card A is not present
<a href="#">SHLF342</a>	Indicates an the IBIP's Current-sense Card B is not present
<a href="#">SHLF343</a>	Indicates the IBIP's Alarm Relay Card is not present
<a href="#">SHLF344</a>	Indicates the current-Sense Card A Shelf 0 high threshold is exceeded
<a href="#">SHLF345</a>	Indicates the current-Sense Card A Shelf 1 high threshold is exceeded
<a href="#">SHLF346</a>	Indicates the current-Sense Card A Shelf 2 high threshold is exceeded
<a href="#">SHLF347</a>	Indicates the current-Sense Card A Shelf 3 high threshold is exceeded
<a href="#">SHLF348</a>	Indicates the current-Sense Card B Shelf 0 high threshold is exceeded
<a href="#">SHLF349</a>	Indicates the current-Sense Card B Shelf 1 high threshold is exceeded
<a href="#">SHLF350</a>	Indicates the current-Sense Card B Shelf 2 high threshold is exceeded
<a href="#">SHLF351</a>	Indicates the current-Sense Card B Shelf 3 high threshold is exceeded
<a href="#">SHLF352</a>	Indicates current high temperature threshold exceeded
<a href="#">SHLF353</a>	Indicates the Current-Sense Card A Shelf 0 Low Threshold is exceeded

**MG 9000 logs (Sheet 17 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">SHLF354</a>	Indicates the Current-Sense Card A Shelf 1 Low Threshold is exceeded
<a href="#">SHLF355</a>	Indicates the Current-Sense Card A Shelf 2 Low Threshold is exceeded
<a href="#">SHLF356</a>	Indicates the Current-Sense Card A Shelf 3 Low Threshold is exceeded
<a href="#">SHLF357</a>	Indicates the Current-Sense Card B Shelf 0 Low Threshold is exceeded
<a href="#">SHLF358</a>	Indicates the Current-Sense Card B Shelf 1 Low Threshold is exceeded
<a href="#">SHLF359</a>	Indicates the Current-Sense Card B Shelf 2 Low Threshold is exceeded
<a href="#">SHLF360</a>	Indicates the Current-Sense Card B Shelf 3 Low Threshold is exceeded
<a href="#">SHLF361</a>	Indicates the Current Low Temperature Threshold is exceeded
<a href="#">SHLF362</a>	Reports the status of the Signal Battery Fuse
<a href="#">SHLF363</a>	Indicates the status of Talk Battery A fuse
<a href="#">SHLF364</a>	Indicates the status of Talk Battery B fuse
<a href="#">SHLF365</a>	Indicates the status of cooling unit 0 fuse
<a href="#">SHLF366</a>	Indicates the status of cooling unit 1 fuse
<a href="#">SHLF367</a>	Indicates the status of the End Aisle fuse
<a href="#">SHLF368</a>	Indicates the BIP Signal Distribution (SD) Point 1 was activated
<a href="#">SHLF369</a>	Indicates the BIP Signal Distribution (SD) Point 2 was activated
<a href="#">SHLF370</a>	Indicates the BIP Signal Distribution (SD) Point 3 was activated

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Log ID	Description
<a href="#">SHLF371</a>	Indicates the BIP Signal Distribution (SD) Point 4 was activated
<a href="#">SHLF372</a>	Indicates the frame equipment malfunction critical visual indicator is lit
<a href="#">SHLF373</a>	Indicates the frame equipment malfunction major visual indicator is lit
<a href="#">SHLF374</a>	Indicates the frame equipment malfunction minor visual indicator is lit
<a href="#">SHLF375</a>	Indicates the frame equipment malfunction BIP Audible Critical alarm sounds
<a href="#">SHLF376</a>	Indicates the frame equipment malfunction BIP Audible Major alarm sounds
<a href="#">SHLF377</a>	Indicates the frame equipment malfunction BIP Audible Minor alarm sounds
<a href="#">SHLF378</a>	Indicates the BIP Alarm CutOff LED is lit
<a href="#">SHLF379</a>	Indicates the BIP Talk Battery Fail A LED is lit
<a href="#">SHLF380</a>	Indicates the BIP Talk Battery Fail B LED is lit
<a href="#">SHLF381</a>	Indicates a frame visual indicator of a critical equipment malfunction occurred
<a href="#">SHLF382</a>	Indicates a frame visual indicator of a major equipment malfunction occurred
<a href="#">SHLF383</a>	Indicates a frame visual indicator of a minor equipment malfunction occurred
<a href="#">SHLF384</a>	Indicates a visual indication of a heating, ventilation, or cooling system problem
<a href="#">SHLF385</a>	Indicates a visual indication of a heating, ventilation, or cooling system problem
<a href="#">SHLF386</a>	Indicates a frame alarm equipment malfunction
<a href="#">SHLF387</a>	Indicates a visual indicator

**MG 9000 logs (Sheet 19 of 23)**

Log ID	Description
<a href="#">SHLF388</a>	Indicates a BIP Frame Fail
<a href="#">SHLF389</a>	Indicates presence of BIP's Alarm Relay Card LED
<a href="#">SHLF390</a>	Indicates the status of Current Sense Card A LED
<a href="#">SHLF391</a>	Indicates the status of Current Sense Card B LED
<a href="#">SHLF392</a>	Indicates when a shelf compatibility fault is received from the MG 9000 Manager server.
<a href="#">SHLF393</a>	Indicates when a card discovery related fault is received from the MG 9000 Manager server
<a href="#">SHLF501</a>	Indicates a catch-all for undefined shelf events
<a href="#">SNMP600</a>	Indicates permission to generate authenticationFailure traps
<a href="#">SNMP601</a>	Indicates the SNMP entity is reinitializing itself
<a href="#">SWL600</a>	Indicates the SNM and reports the status of the connection
<a href="#">SWLN301</a>	Indicates a line connected to an MG 9000 line card is faulty
<a href="#">SWLN302</a>	Indicates a line connected to an MG 9000 line card has excessive line voltage
<a href="#">SWLN303</a>	Indicates a line connected to an MG 9000 line card is in babble state
<a href="#">TEST600</a>	Indicates a test has completed for a particular entity
<a href="#">UPGD600</a>	Indicates the DCC card version is different than the version of the MG 9000 Manager software
<a href="#">UPGD601</a>	Indicates an export starts
<a href="#">UPGD602</a>	Indicates an export completes
<a href="#">UPGD603</a>	Indicates an import starts
<a href="#">UPGD604</a>	Indicates an import completes

**MG 9000 logs (Sheet 20 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">VC301</a>	Indicates an ATM Vcl alarm indication signal fault occurred
<a href="#">VC302</a>	Indicates an ATM Vcl remote indicator signal fault occurred
<a href="#">VC303</a>	Indicates a loss of continuity, ATM Vcl fault occurred
<a href="#">VC304</a>	Indicates an ATM Vcc alarm indication signal fault occurred
<a href="#">VC305</a>	Indicates an ATM Vcc remote detection indicator fault occurred
<a href="#">VC306</a>	Indicates a loss of continuity
<a href="#">VMG300</a>	Indicates communication between the Gateway Controller and the MG 9000 is lost
<a href="#">VMG301</a>	Indicates the number of bad calls reached a certain threshold
<a href="#">VMG302</a>	Indicates number of Packets lost reaches a certain threshold
<a href="#">VMG303</a>	Indicates IP message jitter reaches a certain threshold
<a href="#">VMG304</a>	Indicates IP message latency reaches a certain threshold
<a href="#">VMG311</a>	Indicates the Application layer framing (ALF) alarm has occurred
<a href="#">VMG312</a>	Indicates a Megaco task alarm has occurred
<a href="#">VMG322</a>	Indicates the VMG administrative state is out of service, meaning call processing is out of service
<a href="#">VMG323</a>	Indicates the VMG is out of service because the card is locked
<a href="#">VMG324</a>	Indicates the VMG is out of service because the card is disabled

**MG 9000 logs (Sheet 21 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">VMG325</a>	Indicates the VMG is initializing and call processing is out of service
<a href="#">VMG328</a>	Indicates the VMG is out of service because the line maintenance on the ITP or ABI is not ready to support call processing
<a href="#">VMG329</a>	indicates a software error condition on the ITP or ABI card
<a href="#">VMG373</a>	Indicates the VMG is out of service because the Gateway Controller (GWC) is unreachable
<a href="#">VMG374</a>	Indicates the VMG is out of service because there is no reply from the Gateway Controller (GWC), though the GWC is reachable.
<a href="#">VMG376</a>	Indicates the VMG is out of service because of a software error in the DCC or ITP card
<a href="#">VMG377</a>	Indicates the VMG is out of service because the IP bearer subsystem is not ready
<a href="#">VMG600</a>	Indicates termination data was successfully provisioned in all appropriate areas except for the database
<a href="#">VMG601</a>	Indicates an attempt to correct termination data in the database has passed
<a href="#">XDSL301</a>	Indicates a loss of signal in local modem
<a href="#">XDSL302</a>	Indicates a loss of frame in local modem
<a href="#">XDSL303</a>	Indicates a loss of power in ATUC line
<a href="#">XDSL304</a>	Indicates a loss of link in ATUC line
<a href="#">XDSL305</a>	Indicates a loss of signal in ATUR remote end line
<a href="#">XDSL306</a>	Indicates a loss of frame in ATUR remote end line
<a href="#">XDSL307</a>	Indicates a loss of power in ATUR remote end line
<a href="#">XDSL308</a>	Indicates a loss of link in ATUR remote end line

**MG 9000 logs (Sheet 22 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">XDSL309</a>	Indicates a ATUR remote line is not present
<a href="#">XDSL310</a>	Indicates a no clock failure
<a href="#">XDSL311</a>	Indicates a hand shake failure
<a href="#">XDSL312</a>	Indicates a link mismatched configuration error
<a href="#">XDSL313</a>	Indicates that VPI is not zero
<a href="#">XDSL314</a>	Indicates an ATUC line code initialization failure
<a href="#">XDSL315</a>	Indicates an ATUR line code initialization failure
<a href="#">XDSL316</a>	Indicates a failure in ATUC remote line
<a href="#">XDSL317</a>	Indicates a circuit hardware fault
<a href="#">XDSL602</a>	Indicates that the ATURs transmit rate has changed
<a href="#">XDSL800</a>	Indicates that an ATUC loss of framing threshold has been reached for a 15 minute interval
<a href="#">XDSL801</a>	Indicates reports that an ATUC loss of signal threshold has been reached for a 15 minute interval
<a href="#">XDSL802</a>	Indicates that an ATUC loss of power threshold has been reached for a 15 minute interval
<a href="#">XDSL803</a>	Indicates that an ATUC errored second threshold has been reached for a 15 minute interval
<a href="#">XDSL804</a>	Indicates that an ATUC loss of link threshold has been reached for a 15 minute interval
<a href="#">XDSL805</a>	Indicates that an ATUR loss of framing threshold has been reached for a 15 minute interval
<a href="#">XDSL806</a>	Indicates that an ATUR loss of signal threshold has been reached for a 15 minute interval
<a href="#">XDSL807</a>	Indicates that an ATUR loss of power threshold has been reached for a 15 minute interval

**MG 9000 logs (Sheet 23 of 23)**

<b>Log ID</b>	<b>Description</b>
<a href="#">XDSL808</a>	Indicates that an ATUR errored second threshold has been reached for a 15 minute interval
<a href="#">XDSL809</a>	Indicates that a DSL interface has exceeded the specified threshold
<a href="#">XPKT302</a>	Indicates a UNI Release/Release Complete message is generated for an established call by a peripheral node

## Supplementary logs

The following documents reference logs and/or alarms that do not appear in this volume:

**Note:** The terms Passport, PVG and MDM have been re-branded in conjunction with the new Nortel Networks' brand simplified naming format. Passport is now referred to as the Nortel Networks Multiservice Switch, PVG is now the Nortel Networks Media Gateway 7480/15000, and MDM is now the Nortel Networks Multiservice Data Manager.

- For USP logs, refer to the *Log and Operational Measurement Descriptions for Universal Signaling Point (USP)*, version 3.0.3. These logs also appear on the Graphical User Interface (GUI).
- For XA-CORE logs, refer to the *XA-Core Reference Manual*, 297-8991-810.
- For information about Multiservice Switch alarms associated with your component, refer to *Nortel Networks Multiservice Switch 7400/15000/20000 Alarms Reference*, NN10600-500 and *Nortel Networks Multiservice Switch 15000, Media Gateway 15000 and Preside MDM in Succession Networks Fault Management Overview PT-AAL1/UA-AAL1/UA-IP*, NN10092-911.

For information about Passport 8600 logs and traps, refer to the following documents:

- *Preside Passport 8600 Device Integration Cartridge User Guide*, 241-6003-110.
- *Configuring Network Management- Passport 8000 Series Software Release 3.5*, 314723-B.
- *System Messaging Platform Reference Guide- Passport 8000 Series Software Release 3.5*, 315015-B.

## **ALM998**

---

Log report ALM998 indicates the MG 9000 Manager detects it has missed alarms sent by the MG 9000.

### **Format**

The format for log report ALM998 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **ALM999**

---

Log report ALM999 indicates the MG 9000 Manager has recovered the lost alarms from the MG 9000.

### **Format**

The format for log report ALM999 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## BW300

---

Log report BW300 indicates a switched lines shelf reserved bandwidth alarm has occurred or has been cleared. This means the reserved bandwidth used on the indicated shelf has exceeded the Bandwidth Congestion Threshold.

The alarm clears when the reserved bandwidth on the shelf is 10% below the Bandwidth Congestion Threshold.

### Format

The format for log report BW300 is as follows:

```
BW300 MAR01 10:29:26 4262 TBL MG9K BWShelfFault
      Location: 9-CC09-Frame000.Shelf1
      Notification Id: 38654707079
      State: Cleared
      Category: qualityOfService
      Cause: Congestion
      Time: Mar 01 10:29:26 2005
      Component Id: Shelf.frame0.shelf1
      Specific Problem: BWShelfFault - SLOA
Shelf Reserved Bandwidth Alarm
      Description: SLOA Shelf Reserved Bandwidth
Alarm
      Site      Flr    RPos   Bay_id
      CC09     00    A0     MG9F 000
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the per shelf reserved bandwidth history tables to determine if the current amount of reserved bandwidth on the shelf is out of the ordinary.

Increase the threshold, try to decrease the number of active calls on the shelf, or take no action. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on changing the threshold levels.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## BW301

---

Log report BW301 indicates a network interface overall reserved bandwidth alarm has occurred or been cleared.

The alarm clears when the reserved bandwidth on the shelf is 10% below the Bandwidth Congestion Threshold.

### Format

The format for log report BW301 is as follows:

```
BW301 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
  Location: 2-CC02
  Notification Id: 8589940291
  State: not acknowledged
  Category: equipment
  Cause: Threshold Crossed
  Time: Mar 18 17:00:40 2005
  Component Id: Ne.ne2
  Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
  Description: Network Interface Overall
Reserved Bandwidth Alarm
  Site   Flr   RPos  Bay_id
  CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for total network interface reserved bandwidth.

Monitor the network interface bandwidth usage. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the network interface bandwidth usage.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW302

---

Log report BW302 indicates a network interface switched lines reserved bandwidth alarm has occurred or has cleared.

The alarm clears when the switched lines reserved bandwidth on the network interface is 10% less than the threshold.

### Format

The format for log report BW302 is as follows

```
BW302 MAR18 17:00:40 4783 TBL  MG9K BandwidthFault
      Location: 2-CC02
      Notification Id: 8589940291
      State: not acknowledged
      Category: equipment
      Cause: Threshold Crossed
      Time: Mar 18 17:00:40 2005
      Component Id: Ne.ne2
      Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
      Description: Network Interface Overall
Reserved Bandwidth Alarm
      Site   Flr   RPos   Bay_id
      CC02   01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for switched lines reserved bandwidth.

Increase the configured reserved bandwidth for switched lines if desired.

Monitor total network interface bandwidth use. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the total network interface bandwidth usage.

### Associated OM registers

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

---

## BW304

---

Log report BW304 indicates an overall cell queue congestion alarm has occurred or been cleared.

The alarm clears when the overall cell queue fill is less than 80% full.

### Format

The format for log report BW304 is as follows:

```
BW304 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
      Location: 2-CC02
      Notification Id: 8589940291
      State: not acknowledged
      Category: equipment
      Cause: Threshold Crossed
      Time: Mar 18 17:00:40 2005
      Component Id: Ne.ne2
      Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
      Description: Network Interface Overall
Reserved Bandwidth Alarm
      Site   Flr   RPos  Bay_id
      CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for overall cell queue fill levels.

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the overall fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW305

---

Log report BW305 indicates an ATM cell queue for this service type is at least 90% full.

The alarm clears when this service type cell queue is less than 80% full.

### Format

The format for log report BW305 is as follows:

```
BW305 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
  Location: 2-CC02
  Notification Id: 8589940291
  State: not acknowledged
  Category: equipment
  Cause: Threshold Crossed
  Time: Mar 18 17:00:40 2005
  Component Id: Ne.ne2
  Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
  Description: Network Interface Overall
Reserved Bandwidth Alarm
  Site   Flr   RPos  Bay_id
  CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for overall cell queue fill levels and the CBR queue fill levels.

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the overall queue fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW306

---

Log report BW306 indicates an RT-VBR cell queue congestion alarm has occurred or been cleared.

The alarm clears when this service type cell queue is less than 80% full.

### Format

The format for log report BW306 is as follows:

```
BW306 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
  Location: 2-CC02
  Notification Id: 8589940291
  State: not acknowledged
  Category: equipment
  Cause: Threshold Crossed
  Time: Mar 18 17:00:40 2005
  Component Id: Ne.ne2
  Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
  Description: Network Interface Overall
Reserved Bandwidth Alarm
  Site   Flr   RPos  Bay_id
  CC02   01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for overall cell queue fill levels and the RT-VBR queue fill levels.

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in MG 9000 Configuration Management for information on monitoring the overall queue fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW307

---

Log report BW307 indicates an NRT-VBR cell queue congestion alarm has occurred or has been cleared.

The alarm clears when this service type cell queue is less than 80% full.

### Format

The format for log report BW307 is as follows:

```
BW307 MAR18 17:00:40 4783 TBL  MG9K BandwidthFault
      Location: 2-CC02
      Notification Id: 8589940291
      State: not acknowledged
      Category: equipment
      Cause: Threshold Crossed
      Time: Mar 18 17:00:40 2005
      Component Id: Ne.ne2
      Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
      Description: Network Interface Overall
Reserved Bandwidth Alarm
      Site   Flr   RPos  Bay_id
      CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for overall cell queue fill levels and the NRT-VBR queue fill levels.

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the overall queue fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW308

---

Log report BW308 indicates a UBR cell queue congestion alarm has occurred or has been cleared.

The alarm clears when this service type cell queue is less than 80% full.

### Format

The format for log report BW308 is as follows:

```
BW308 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
      Location: 2-CC02
      Notification Id: 8589940291
      State: not acknowledged
      Category: equipment
      Cause: Threshold Crossed
      Time: Mar 18 17:00:40 2005
      Component Id: Ne.ne2
      Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
      Description: Network Interface Overall
Reserved Bandwidth Alarm
      Site   Flr   RPos  Bay_id
      CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for overall cell queuefill levels and the UBR queue fill levels.

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the overall queue fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW309

---

Log report BW309 indicates a UBR-plus cell queue congestion alarm has occurred or been cleared.

The alarm clears when this service type cell queue is less than 80% full.

### Format

The format for log report BW309 is as follows:

```
BW309 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
  Location: 2-CC02
  Notification Id: 8589940291
  State: not acknowledged
  Category: equipment
  Cause: Threshold Crossed
  Time: Mar 18 17:00:40 2005
  Component Id: Ne.ne2
  Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
  Description: Network Interface Overall
Reserved Bandwidth Alarm
  Site   Flr   RPos  Bay_id
  CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the overall queue fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW310

---

Log report BW310 indicates a control channel cell queue congestion alarm has occurred or been cleared.

The alarm clears when this service type cell queue is less than 80% full.

### Format

The format for log report BW310 is as follows:

```
BW310 MAR18 17:00:40 4783 TBL MG9K BandwidthFault
      Location: 2-CC02
      Notification Id: 8589940291
      State: not acknowledged
      Category: equipment
      Cause: Threshold Crossed
      Time: Mar 18 17:00:40 2005
      Component Id: Ne.ne2
      Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
      Description: Network Interface Overall
Reserved Bandwidth Alarm
      Site   Flr   RPos  Bay_id
      CC02  01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for overall cell queue fill levels and the CONTROL queue fill levels.

Monitor the overall queue fill level fullness. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the overall queue fill level fullness.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## BW311

---

Log report BW311 indicates reserved bandwidth dedicated to ABI lines on the network interface has exceeded the configured threshold percentage.

The alarm clears when switched lines reserved bandwidth on the network interface is 10% less than the threshold.

### Format

The format for log report BW311 is as follows:

```
BW311 MAR18 17:00:40 4783 TBL  MG9K BandwidthFault
      Location: 2-CC02
      Notification Id: 8589940291
      State: not acknowledged
      Category: equipment
      Cause: Threshold Crossed
      Time: Mar 18 17:00:40 2005
      Component Id: Ne.ne2
      Specific Problem: BandwidthFault - Network
Interface Overall Reserved Bandwidth Alarm
      Description: Network Interface Overall
Reserved Bandwidth Alarm
      Site   Flr   RPos   Bay_id
      CC02   01   J10   MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the history data for switched lines reserved bandwidth.

Increase the configured reserved bandwidth for switched lines if desired. Monitor total network interface bandwidth use. Go to “Using the Bandwidth Manager” in *MG 9000 Configuration Management* for information on monitoring the total network interface bandwidth usage.

### Associated OM registers

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## **BW800**

---

Log report BW800 indicates one of the input cell Queues crossed the configured threshold percentage.

### **Format**

The format for log report BW800 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **BW801**

---

Log report BW801 indicates the total or DSL's cell rates cross the configured threshold percentage.

### **Format**

The format for log report BW801 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## CES305

---

Log report CES305 indicates a CES loss of cell fault (no cells are being received the ATM network) has occurred or been cleared.

### Format

The format for log report CES305 is as follows:

```
CES305 MAR02 15:39:00 1697 TBL MG9K CESFault
  Location:
8-PL8-Frame007.Shelf1.Slot07.Port01
  Notification Id: 34359745612
  State: not acknowledged
  Category: communications
  Cause: Communications Subsystem Failure
  Time: Mar 02 15:39:00 2005
  Component Id:
Port.frame1.shelf1.slot7.DS1.port1
  Specific Problem: CESFault - Loss of cells
from ATM network
  Description: Loss of cell alarm
  Site   Flr   RPos  Bay_id
  PL8    07    B0    MG9F 007
```

### Selected field descriptions

This log report has no selected fields.

### Action

Make sure the OC-3 card is unlocked. Check ATM virtual circuit is connected. Check the status of far side equipment.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK301

---

Log report CLK301 indicates a loss of phase lock fault occurs.

### Format

The format for log report CLK301 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions:

If fault is on both ITP cards:

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. If fault persists, call next level of support.

If fault is on one ITP card

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. Replace the faulty card. Go to “Replacing an ITP card” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK302

---

Log report CLK302 indicates a loss of frame pulse lock fault occurs. This means frame pulses between the ITPs do not match. Each ITP card generates its own alarm.

### Format

The format for log report CLK302 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions:

If fault is on both ITP cards:

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. If fault persists, call next level of support.

If fault is on one ITP card

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. Replace the faulty card. Go to “Replacing an ITP card” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK303

---

Log report CLK303 indicates a loss of my clock fault occurs.

### Format

The format for log report CLK303 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions:

If fault is on both ITP cards:

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. If fault persists, call next level of support.

If fault is on one ITP card

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. Replace the faulty card. Go to “Replacing an ITP card” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK304

---

Log report CLK304 indicates a loss of mate clock fault occurs. This means a sync unit on one of the ITP cards failed.

### Format

The format for log report CLK304 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions.

If fault is on both ITP cards:

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. If fault persists, call next level of support.

If fault is on one ITP card

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. Replace the faulty card. Go to “Replacing an ITP card” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK305

---

Log report CLK305 indicates a loss of clock output fault occurs. This means the ITP is not generating a 20.48 clock output signal. Both ITPs are not generating a 20.48 clock output signal

### Format

The format for log report CLK305 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions.

If fault is on both ITP cards:

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. If fault persists, call next level of support.

If fault is on one ITP card

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. Replace the faulty card. Go to “Replacing an ITP card” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK306

---

Log report CLK306 indicates a single reference fault occurs. This means a provisioned reference is in the failed state.

### Format

The format for log report CLK306 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions.

If fault is on both ITP cards:

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. If fault persists, call next level of support.

If fault is on one ITP card

1. Verify Clock source is connected.
2. Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
3. If fault persists, lock/unlock to restart the card.
4. Replace the faulty card. Go to “Replacing an ITP card” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## CLK307

---

Log report CLK307 indicates an all reference failure fault occurs. This mean both provisioned references failed.

### Format

The format for log report CLK307 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Both sources of 8 kHz clock are lost. The system will Swact to mate ITP card for clock sync. If this does not work, reprovision for in line timing, that is, set the timing mode to Network by connecting to the LCI on the active DCC, select the Clock Sync Provision tab. Select the Network timing mode. The LCI responds with network signal availability.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## CLK308

---

Log report CLK308 indicates a single reference failure fault occurs. This means a provisioned reference is in the failed state.

### Format

The format for log report CLK308 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

The clock sync engine will sync to the alternate source, if available. This is not service affecting. No action is necessary other than to determine the reason for the loss of signal.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## CLK312

---

Log report CLK312 indicates a single or all source reference occurred because of a loss of signal.

### Format

The format for log report CLK312 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **CLK313**

---

Log report CLK313 indicates a single or all source reference occurred because of a loss of frame.

### **Format**

The format for log report CLK313 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## CLK500

---

Log report CLK500 indicates a change for clock sync has occurred.

### Format

The format for log report CLK500 is as follows:

```
FP503 SEP05 18:14:33 4827 INFO Devise State Change
  Location: FP 2 DEVICE 1 (dk) SCSI BUS 0
  REASON: Change of state of associated entity
  FROM: InSv ( Isolated )      DRIVE STATE: Unknown
  TO: InSv                     DRIVE STATE: On Line
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## ESA300

---

Log report ESA300 indicates communication between GWC and MG9000 is lost and entered ESA mode. This also reports that ESA mode was exited.

### Format

The format for log report ESA300 is as follows:

```
MSH10_I06BR ***  ESA300  JUN5 14:11:47 2152 TBL  MG9K NnESAFault
Location: 2-HS9K-Frame000.Shelf0.Slot12
Notification Id: 58256
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jun 05 14:11:47 2003
Component Id: Card.frame0.shelf0.slot12.ITP
Specific Problem: NnEsaFault - ESA status change
Description: Entered ESA mode.
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the following and clear any problems found:

- Use the Traceroute or Ping tool available from the Configuration->Tools menu bar in the Subnet View to test the network communications path between the MG 9000 Manager and the MG 9000, and the MG 9000 Manager and the GWC.
- Check the OC-3 connection at the MG 9000, PP15000, and the SAM21 shelf controller.
- Check the Ethernet connection at the GWC, PP8600 and SAM21 shelf controller.
- Check the state of the DCC cards at the MG 9000.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## ESA301

Log report ESA301 indicates a data file failure occurred. ESA will either not function at all, function only partially, function, incorrectly, or function with obsolete data. This is not service affecting unless the VMG enters ESA mode.

### Format

The format for log report ESA301 is as follows:

```
***ESA301 Tue Jul 09 15:13:29 EDT 2003 TBL nnESARetrieveFault
NE Number: 8 NE Name: co8
State: not acknowledged
Type: Software
Cause: receive Failure
: NnESARetrieveFault: ESA Data Retrieval failure
Time: Jul 09 15:13:29:648 2003
Severity: critical
Mo: Card.f0.s2.113.ITP
Description: the parsing or FTP reception of the data fails.
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnMegaco Fault Type	string	The type of the fault: ESA Data Retrieval failure
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy

Field	Value	Description
nnUemgAlarmSeverity	String	critical
MediaGatewayName	string	The name of the Media Gateway control group which had the ESA Data retrieval failure.
Description	string	The parsing or FTP reception of the data fails.

### Action

Resend the ESA data file by performing a manual download of ESA data. Refer to the “Downloading ESA data” procedure in *MG 9000 Configuration Management*, NN10096-511.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## ESA304

Log report ESA304 indicates a community of interest (COI) failure has occurred.

### Format

The format for log report ESA304 is as follows:

```
***ESA304 Tue Jul 09 14:50:26 EDT 2005 TBL
  NE Number: 8 NE Name: co8
  State: not acknowledged
  Type: Equipment
  Cause : Equipment malfunction
  Time: Jul 09 14:50:26:616 2005
  Severity: Major
  Description: Failed to ping members of community of
  interest
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=600.

Field	Value	Description
day	String	Identifies the day of the week.
mmmmdd	January-December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	String	Name of the NE
Fault Type	String	The type of the fault:  ESA Community of Interest
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Major
Description	String	Failed to ping members of community of interest.

## Action

Check the failure cause in alarm or log text and perform corrective action. This typically will require network route troubleshooting. The MG 9000 clears the alarm autonomously once the root cause is fixed.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## ESA312

Log report ESA312 indicates a failure occurred while attempting to provision internodal community of interest data for a given MG 9000.

### Format

The format for log report ESA312 is as follows:

```
***ESA312 Tue Jul 09 14:50:26 EDT 2005 TBL
NE Number: 8 NE Name: co8
State: not acknowledged
Type: Processing Error
Cause: Configuration Or Customization Error
Time: Jul 09 14:50:26:616 2005
Severity: Major
Description: Internodal ESA provisioning failure
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=600.
day	String	Identifies the day of the week.

Field	Value	Description
mmmmdd	January-December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	String	Name of the NE
Fault Type	String	The type of the fault:  Processing error
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Major
Description	String	Internodal ESA provisioning failure.

## Action

Check the failure log in the alarm or log text. The most common is a communication failure between the MG 9000 Manager and the MG 9000. Once the root cause is fixed the alarm can be cleared by running an audit on the affected NE, or pressing the Apply button on the Internodal ESA configuration GUI.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## ESA313

Log report ESA313 indicates the MG 9000 Manager failed to download ESA data to a VMG.

### Format

The format for log report ESA313 is as follows:

```
***ESA313 Tue Jul 09 14:50:26 EDT 2003 TBL
EsaProvisioningFault
NE Number: 8 NE Name: co8
State: not acknowledged
Type: Processing Error
Cause: Configuration or Customization Error
ESA Data Provisioning Error - ESA VMG data download
failure
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. <ul style="list-style-type: none"> <li>• *** = critical</li> <li>• ** = major</li> <li>• * = minor</li> <li>• blank = no alarms/warning</li> </ul>
Threshold	=, +, or blank	"Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set."

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=600
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23, 00-59, 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnESA Fault Type	String	The type of the fault:  ESA data download failed
nnUemgEventTime	Date and time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent.
Description	String	ESA data download failed

### Action

Perform a manual download of ESA data from the ESA Config tab in the Switched Lines Services GUI for the corresponding VMG in the MG 9000 Manager. The alarm is cleared by the MG 9000 Manager when the download is successful.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE301

---

Log report GIGE301 indicates a loss of signal alarm has been generated because of a communication failure on the GigE DCC card link. Indicates a far-end problem.

### Format

The format for log report GIGE301 is as follows:

```
*** GIGE 301 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Loss Of Signal Site
    Flr RPos Bay_id
    FFFF FF FFFF MG9F FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the far-end equipment.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE302

---

Log report GIGE302 indicates a remote failure indication alarm has been generated because of a communication failure on the GigE DCC card link. Indicates a far-end equipment failure.

### Format

The format for log report GIGE302 is as follows:

```
*** GIGE 302 5915 TBL MG9K NorGigeLineFault
Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
Notification Id: 301
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jan 01 05:54:38 1970
Component Id: Port.frame0.shelf3.slot10.OC3.Link01
Specific Problem: NorGigeLinkFault
Description: Remote Failure Indication
Site   Flr  RPos  Bay_id
FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check far-end equipment.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE303

---

Log report GIGE303 indicates a transmit failure alarm has been generated because of a communication failure on the GigE DCC card link.

### Format

The format for log report GIGE303 is as follows:

```
*** GIGE303 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
    Notification Id: 208
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Transmit Failure
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE304

---

Log report GIGE304 indicates a temperature threshold exceeded alarm has been generated because the NTP62CF SFP operating temperature is beyond its limits resulting in a communication failure on the GigE DCC card link.

### Format

The format for log report GIGE304 is as follows:

```
*** GIGE 304 5915 TBL MG9K NorGigeLineFault
      Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
      Notification Id: 209
      State: not acknowledged
      Category: Communication Alarm
      Cause: Communications Subsystem Failure
      Time: Jan 01 05:54:38 1970
      Component Id: Port.frame0.shelf3.slot10.OC3.Link01
      Specific Problem: NorGigeLinkFault
      Description: Temperature threshold exceeded
      Site   Flr  RPos  Bay_id
      FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace the NTP62CF SFP on the affected link.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE305

---

Log report GIGE305 indicates a low power alarm has been generated because the power level in the NTP62CF SFP is below required minimum, resulting in a communication failure on the GigE DCC card link.

### Format

The format for log report GIGE305 is as follows:

```
*** GIGE305 5915 TBL MG9K NorGigeLineFault
      Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
      Notification Id: 210
      State: not acknowledged
      Category: Communication Alarm
      Cause: Communications Subsystem Failure
      Time: Jan 01 05:54:38 1970
      Component Id: Port.frame0.shelf3.slot10.OC3.Link01
      Specific Problem: NorGigeLinkFault
      Description: Low Power indicated
      Site      Flr  RPos  Bay_id
      FFFF     FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace the NTP62CF SFP on the affected link.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE306

---

Log report GIGE306 indicates a receive signal degraded alarm has been generated. Errored frames were received from far-end equipment resulting in a communication failure on the GigE DCC card link.

### Format

The format for log report GIGE306 is as follows:

```
*** GIGE306 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
    Notification Id: 210
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Receive Signal Degraded
    Site      Flr  RPos  Bay_id
    FFFF     FF   FFFF  MG9F FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the far-end network. Check for possible fiber or NTP62CF SFP problem on MG 9000, network, or far-end equipment.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE307

---

Log report GIGE307 indicates a transmit excessive error ratio alarm has been generated. Excessive errored-frames have been received which results in a communication failure on the GigE DCC card link and points to an equipment problem.

### Format

The format for log report GIGE307 is as follows:

```
*** GIGE307 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Link01
    Notification Id: 210
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Transmit Excessive error ratio
    Site   Flr  RPos  Bay_id
    FFFF  FF  FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the fibers and the NTP62CF SFPs on the MG 9000. Also check the far-end and intermediate equipment (such as the fiber patch panel).

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE308

---

Log report GIGE308 indicates a transmit bias current alarm has been generated on the GigE DCC card link. The transmit bias current on the link is beyond limits.

### Format

The format for log report GIGE308 is as follows:

```
*** GIGE308 5915 TBL MG9K NorGigeLineFault
      Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
      Notification Id: 300
      State: not acknowledged
      Category: Communication Alarm
      Cause: Communications Subsystem Failure
      Time: Jan 01 05:54:38 1970
      Component Id: Port.frame0.shelf3.slot10.OC3.Link01
      Specific Problem: NorGigeLinkFault
      Description: Transmit Bias Current
      Site   Flr   RPos   Bay_id
      FFFF   FF   FFFF   MG9F FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace the NTP62CF SFP on the affected link.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE309

---

Log report GIGE309 indicates a link initialization alarm has been generated on the GigE DCC card link. No communication with the mate GigE DCC card.

### Format

The format for log report GIGE309 is as follows:

```
*** GIGE309 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Link Initialization
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the condition of the mate GigE DCC card. With this alarm, there is typically a problem in the network related to the card for which the alarm is raised. Check for other alarms and check the health of the network link for which it is raised.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE310

---

Log report GIGE310 indicates a transmit optical power alarm has been generated on the GigE DCC card link indicating that optical power is too low.

### Format

The format for log report GIGE310 is as follows:

```
*** GIGE310 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Transmit Opttical Power
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace the NTP62CF SFP on the affected link.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE311

---

Log report GIGE311 indicates a receive optical power alarm has been generated on the GigE DCC card link. Not receiving sufficient receive signal over the fiber.

### Format

The format for log report GIGE311 is as follows:

```
*** GIGE311 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Receive Optical Power
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the far-end equipment or fiber connections.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE312

---

Log report GIGE312 indicates a GARP failure alarm has been generated on the GigE DCC card link.

### Format

The format for log report GIGE312 is as follows:

```
*** GIGE312 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: GARP Failure
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE313

---

Log report GIGE313 indicates a link integrity failure alarm has been generated on the GigE DCC card link.

### Format

The format for log report GIGE313 is as follows:

```
*** GIGE313 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Link Integrity Failure
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

There is a problem in the network. Most likely, communication between the two edge routers is down, but do not rule out other network issues.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE314

---

Log report GIGE314 indicates an autonegotiation failure alarm has been generated on the GigE DCC card link.

### Format

The format for log report GIGE314 is as follows:

```
*** GIGE314 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Auto negotiation Failure
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the setup on far-end equipment; ensure Auto-Negotiation is enabled. Verify the far-end equipment is operating. If the fault cannot be cleared, replace the GigE DCC card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## GIGE315

---

Log report GIGE315 indicates the non-preferred link is active alarm has been generated on the GigE DCC card link.

### Format

The format for log report GIGE315 is as follows:

```
*** GIGE315 5915 TBL MG9K NorGigeLineFault
    Location: 406-c406-FrameFFF.Shelf3.Slot10.Port00.Link01
    Notification Id: 300
    State: not acknowledged
    Category: Communication Alarm
    Cause: Communications Subsystem Failure
    Time: Jan 01 05:54:38 1970
    Component Id: Port.frame0.shelf3.slot10.OC3.Link01
    Specific Problem: NorGigeLinkFault
    Description: Non Preferred link is active
    Site   Flr  RPos  Bay_id
    FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check setup, clear any network problems, SWACT to the mate GigE DCC card. The non-preferred link alarm is raised only if link reversion is provisioned. The alarm will be raised when the link provisioned as the protection link becomes the active link. When the problem on the preferred link clears, a soak timer is started. The cards automatically SWACT at the end of the soak time if the problem is not cleared. This will clear the alarm so there is no need for a manual SWACT.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## IPSC300

---

Log report IPSC300 indicates that during negotiation, the key received did not match the one locally set.

### Format

The format for log report IPSC300 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

To clear this alarm, check for a mismatched key between the two nodes (MG 9000 to GWC or MG9000 to MG 9000 Manager). Reconfigure the key to clear this alarm. Refer to *MG 9000 Security and Administration*, NN10162-511 for information on configuring IPsec keys.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## IPSC301

---

Log report IPSC301 indicates Phase 1 security association has expired or is not present.

### Format

The format for log report IPSC301 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

To clear this alarm, check the following:

- communication link down. Check for other communication alarms.
- IPSec parameter mismatch. Refer to *MG 9000 Security and Administration*, NN10162-511 for information on configuring IPSec keys.
- remote unit off-line. Check for other alarms.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## IPSC302

---

Log report IPSC302 indicates Phase 2 security association has expired or is not present.

### Format

The format for log report IPSC302 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

To clear this alarm, check the following:

- communication link down. Check for other communication alarms.
- IPSec parameter mismatch. Refer to *MG 9000 Security and Administration*, NN10162-511 for information on configuring IPSec keys.
- remote unit off-line. Check for other alarms.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## IPSC303

---

Log report IPSC302 indicates packets are being replayed to the call processing interface. This points to a possible denial of service attack.

### Format

The format for log report IPSC303 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action. Clears when condition stops. However, the customer can check customer logs for IP addresses from suspect packets. Determine if the IP addresses are valid and correct any possible configuration problems.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **IPSC304**

---

Log report IPSC304 indicates packets are being replayed to the call processing interface. This points to a possible denial of service attack.

### **Format**

The format for log report IPSC304 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action. Clears when condition stops. However, the customer can check customer logs for IP addresses from suspect packets. Determine if the IP addresses are valid and correct any possible configuration problems.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## IPSC305

---

Log report IPSC305 indicates an inordinate percentage of the received/transmitted packet are being discarded as a result of current security policies. This indicates a possible mis-configuration or a denial of service attack.

### Format

The format for log report IPSC305 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action. Clears when condition stops. However, the customer can check customer logs for IP addresses from suspect packets. Determine if the IP addresses are valid and correct any possible configuration problems.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## IPSC306

---

Log report IPSC306 indicates MG 9000 requests to the Radius server has timed out.

### Format

The format for log report IPSC306 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action. The remote unit may be off line. Alarm clears when the connection resumes.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## LINE162

---

Log report LINE162 indicates the MG 9000 is experiencing high traffic volume. Call attempts are being denied because the MG 9000 is in overload. This is an XA-Core information log.

### Format

The format for log report LINE162 is as follows:

```
LINE162 JUL02 09:07:14 6100 INFO BACK_FCM
LG 09 0 00 00 DN 6195200900
Error: Connection denied due to GW Overload
```

### Selected field descriptions

This log report has no selected fields.

### Action

Off load any maintenance or unnecessary call processing to accommodate high traffic demands.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## LINE210

---

Log report LINE210 indicates that no free vertical is available for the silent switchman or the dialable short circuit subscriber premise test for MG 9000 lines.

### Format

The format for log report LINE210 is as follows:

```
LINE210 JUL29 14:37:50 0300 INFO No Free Vertical Available  
UAIP 01 0 02 01 DN 6105205533  
Reason :Silent Switchman - No Free Vert
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGAU600

---

Log report MGAU600 indicates one of the following has occurred:

- an audit task starts
- an audit task is completed
- a mismatch exists in a service endpoint
- a mismatch exists VMG provisioning
- a general communication failure while the audit was in progress

### Format

The format for log report MGAU600 is as follows:

```
MSH10_I06BR      MGAU600  JUN5 14:12:56 2164 INFO MG9K DATA AUDIT LOG
NOTIFICATION
  NE Number: 2   NE Name: HS9K
  CARD State audit completed on :
  Thu Jun 05 14:12:56 EDT 2003
  Time:   Thu Jun 05 14:12:56 EDT 2003
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA301

---

Log report MGCA301 indicates a loss of signal for DS1 or OC-3.

### Format

The format for log report MGCA301 is as follows:

```
MSH10_I06BT *** MGCA301  AUG7 15:28:39 3342 TBL  MG9K NorCarrFault
Location: 1-RM9K-Frame000.Shelf1.Slot10.Port00
Notification Id: 4389
State: not acknowledged
Category: Communication Alarm
Cause: Loss Of Signal
Time: Aug 07 15:28:39 2003
Component Id: Port.frame0.shelf1.slot10.OC3.oc3
Specific Problem: NorCarrFault - Loss of Signal
Description: (LINE) Loss of Signal
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions:

- For OC-3 - Check the Rx fiber cable on the DCC-OC3 card. Make sure the cable is connected and that the Rx and Tx fiber connectors are not swapped at the card's fiber receptacle. Check the fiber cable and connectors and replaced if damaged. Check that the fiber is routed and connected to the far-end equipment and the far-end has enabled/unlocked the carriers.
- For DS1 -Make sure the cable connector is properly attached. Check far-end cable for the problem is likely at the far end.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA302

---

Log report MGCA302 indicates an Alarm indication signal for DS1 or OC-3.

### Format

The format for log report MGCA302 is as follows:

```
MSH10_I06BT      MGCA302  AUG7 15:46:20 3563 TBL  MG9K NorCarrFault
  Location: 1-RM9K-Frame000.Shelf1.Slot10.Port00
  Notification Id: 4388
  State: cleared
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Aug 07 15:28:38 2003
  Component Id: Port.frame0.shelf1.slot10.OC3.oc3
  Specific Problem: NorCarrFault - Alarm Indication Signal; Check
far-end
  carrier faults
  Description: (PATH) Alarm Indication Signal
  Site  Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions:

If LOS or LOF is also present, then troubleshoot LOS or LOF alarm types. Otherwise check far end equipment for carrier alarms. Also, check far-end equipment for carrier locked or disabled. Often, if far-end equipment is locked, it will transmit AIS alarm.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA303

---

Log report MGCA303 indicates a loss of frame (LOF).

### Format

The format for log report MGCA303 is as follows:

```
MSH10_I06BT *** MGCA303  AUG7 15:28:38 3337 TBL  MG9K NorCarrFault
  Location: 1-RM9K-Frame000.Shelf1.Slot10.Port00
  Notification Id: 4387
  State: not acknowledged
  Category: Communication Alarm
  Cause: Loss Of Frame
  Time: Aug 07 15:28:38 2003
  Component Id: Port.frame0.shelf1.slot10.OC3.oc3
  Specific Problem: NorCarrFault - Loss of Frame
  Description: (LINE) Loss of Frame
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the following actions:

- For OC-3 - If an LOS alarm is also present, troubleshoot the LOS alarm. Check the Rx fiber cable on the DCC-OC3 card. Make sure the cable is properly connected and that the Rx and Tx fiber connectors are not swapped at the card's fiber receptacle. Check the fiber cable and connectors for damaged. If the fiber cable is damaged, replace it. Check for clock sync or timing problems.
- For DS1 - Make sure the cable connector is properly attached. Check the far-end cable, indicating the problem is likely at the far end. Check for clock sync or timing problems.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA305

---

Log report MGCA305 indicates a bit error rate signal failure on OC-3.

### Format

The format for log report MGCA305 is as follows:

```
MSH10_I06BR *** MGCA305 JUN4 14:11:30 8927 TBL MG9K NorCarrFault
Location: 1-RM9K-Frame000.Shelf1.Slot10.Port00
Notification Id: 57831
State: not acknowledged
Category: Communication Alarm
Cause: Loss Of Signal
Time: Jun 04 14:11:30 2003
Component Id: Port.frame0.shelf1.slot10.OC3.oc3
Specific Problem: NorCarrFault - Bit Error Ratio - Signal Fail
Description: (LINE) BERSF
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check far-end equipment for alarms. Check fiber/connectors. If the alarm does not clear, check clock sync or check for far-end timing problems.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA306

---

Log report MGCA306 indicates a bit error rate signal degrade on OC-3.

### Format

The format for log report MGCA306 is as follows:

```
MSH10_I06BR  ** MGCA306  JUN4 14:13:07 8986 TBL  MG9K NorCarrFault
Location: 1-RM9K-Frame000.Shelf1.Slot10.Port00
Notification Id: 57833
State: not acknowledged
Category: Quality-Of-Service Alarm
Cause: Performance Degraded
Time: Jun 04 14:13:07 2003
Component Id: Port.frame0.shelf1.slot10.OC3.oc3
Specific Problem: NorCarrFault - Bit Error Ratio - Signal Degrade
Description: (LINE) BERSD
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check far-end equipment for alarms. Check fiber/connectors. If the alarm does not clear, check for clock sync or far-end timing problems.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA307

---

Log report MGCA307 indicates a remote defect indication (RDI) on OC-3.

### Format

The format for log report MGCA307 is as follows:

```
MSH10_I06BT * MGCA307 AUG7 15:46:11 3540 TBL MG9K NorCarrFault
Location: 1-RM9K-Frame000.Shelf1.Slot10.Port00
Notification Id: 4412
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Aug 07 15:46:11 2003
Component Id: Port.frame0.shelf1.slot10.OC3.oc3
Specific Problem: NorCarrFault - Remote Defect Indication; Check
far-end
carrier faults
Description: (LINE) Remote Defect Indication
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check the carrier and make sure it is unlocked. Check the far-end equipment for alarms. An RDI-L (line) typically indicates the local carriers have not been unlocked (meaning the laser is off). If an RDI-P (path) persists, check the far-end equipment for alarms.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA308

---

Log report MGCA308 indicates a path label mismatch on OC-3.

### Format

The format for log report MGCA308 is as follows:

```
RTPU05BK * MGCA308 JUN18 09:14:20 4423 TBL MG9K NorCarrFault
Location: 66-PL_6-Frame000.Shelf3.Slot10.Port00
Notification Id: 64082
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 18 09:14:20 2003
Component Id: Port.frame0.shelf3.slot10.OC3.oc3
Specific Problem: NorCarrFault - Path Label Mismatch; Check Sonet C2
byte provisioning
Description: (PATH) Signal Label Mismatch
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to take the following action: Path label appears to be set incorrectly at far end. Check far-end equipment for proper provisioning. Path Label should be set for ATM (0x13). Check for other local carrier alarms. If problem persists, replace the DCC card. If problem persists, restart DCC card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA309

---

Log report MGCA309 indicates loss of pointer on OC-3.

### Format

The format for log report MGCA309 is as follows:

```
MSH10_I06BT * MGCA309 AUG8 09:34:48 3343 TBL MG9K NorCarrFault
Location: 1-RM9K-Frame000.Shelf1.Slot11.Port00
Notification Id: 245
State: not acknowledged
Category: Equipment Alarm
Cause: Receiver Failure
Time: Aug 08 09:34:48 2003
Component Id: Port.frame0.shelf1.slot11.OC3.oc3
Specific Problem: NorCarrFault - Loss of Pointer
Description: (PATH) Loss of Pointer
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to take the following action: If other local carrier alarms exist, take action to correct those alarms first. Check far-end equipment for correct provisioning. Check far-end equipment for alarms. Check fiber/connectors. Check fiber/connectors. If the alarm does not clear, check for clock sync or far-end timing problems. If problem persists, restart DCC card. If problem persists, replace the DCC card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA310

---

Log report MGCA310 indicates unequipped on OC-3.

### Format

The format for log report MGCA310 is as follows:

```
RTPU05BK * MGCA310 JUN18 10:45:19 8933 TBL MG9K NorCarrFault
Location: 77-UD7-Frame003.Shelf1.Slot11.Port00
Notification Id: 65002
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 18 10:45:19 2003
Component Id: Port.frame3.shelf1.slot11.OC3.oc3
Specific Problem: NorCarrFault - Unequipped; Check Sonet C2 byte
provisioning
Description: (PATH) Unequipped
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technical take the following action: determine if other local carrier alarms exist, take action to correct those alarms first. Check far-end equipment for correct provisioning. Check far-end for carrier alarms. Check fiber/connectors. If alarm does not clear, check clock sync or check for far-end timing problems. If problem persists, restart DCC card. If problem persists, replace the DCC card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA312

---

Log report MGCA312 indicates an IMA Link - Loss of IMA frame which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA312 is as follows:

```
MGCA312 MAR18 17:02:53 5023 TBL MG9K NorCarrFault
  Location: 2-CC02
  Notification Id: 8589940479
  State: not acknowledged
  Category: communications
  Cause: Communications Subsystem Failure
  Time: Mar 18 17:02:53 2005
  Component Id: Ne.ne2.ImaGroup_1.ImaLink_4
  Specific Problem: NorCarrFault - IMA Link
  Loss of IMA Frame
  Description: IMA Link Loss of IMA Frame
  Site   Flr   RPos   Bay_id
  CC02   01   J10    MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance error. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA313

---

Log report MGCA313 indicates an IMA Link - Loss of delayed synchronization which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA313 is as follows:

```
MSH10_I06BE * MGCA313 MAY2 09:25:04 1889 TBL MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 2620
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: May 02 09:25:04 2003
  Component Id: Ne.ne2.ImaGroup_1.ImaLink_1
  Specific Problem: NorCarrFault - IMA Link Loss of Delay Synchroni-
zation
  Description: IMA Link Lods
  Site Flr RPos Bay_id
  FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA314

---

Log report MGCA314 indicates an IMA Link - Remote failure indication which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA314 is as follows:

```
MSH10_I06BE * MGCA314 MAY2 09:25:46 1989 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 2709
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: May 02 09:25:46 2003
Component Id: Ne.ne2.ImaGroup_1.ImaLink_8
Specific Problem: NorCarrFault - IMA Link Remote Failure Indication
Description: IMA Link Remote Failure Indication
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA315

---

Log report MGCA315 indicates an IMA Link transmit misconnect which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA315 is as follows:

```
MSH10_I06BR * MGCA315 JUN19 14:00:44 8752 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 2283
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 19 14:00:44 2003
Component Id: Ne.ne2.ImaGroup_1.ImaLink_1
Specific Problem: NorCarrFault - IMA Link Transmit Misconnect
Description: IMA Link Tx Misconnected
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA316

---

Log report MGCA316 indicates an IMA Link receive misconnect which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA316 is as follows:

```
MSH10_I06BR * MGCA316 JUN19 14:00:49 8753 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 2284
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 19 14:00:49 2003
Component Id: Ne.ne2.ImaGroup_1.ImaLink_1
Specific Problem: NorCarrFault - IMA Link Receive Misconnect
Description: IMA Link Rx Misconnected
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA317

---

Log report MGCA317 indicates an IMA Link transmit fault which is a receive failure.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA317 is as follows:

```
MSH10_I06BR * MGCA317 JUN5 14:45:03 3300 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 58523
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 05 14:45:03 2003
Component Id: Ne.ne2.ImaGroup_1.ImaLink_1
Specific Problem: NorCarrFault - IMA Link Transmit Fault
Description: IMA Link Tx Fault
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA318

---

Log report MGCA318 indicates an IMA Link receive failure.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA318 is as follows:

```
MSH10_I06BE * MGCA318 MAY2 09:25:10 1896 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 2628
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: May 02 09:25:10 2003
Component Id: Ne.ne2.ImaGroup_1.ImaLink_1
Specific Problem: NorCarrFault - IMA Link Receive Fault
Description: IMA Link Rx Fault
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA319

---

Log report MGCA319 indicates an IMA Link transmit unusable far end which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA319 is as follows:

```
MSH10_I06BE * MGCA319 MAY2 09:24:57 1868 TBL MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 2599
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: May 02 09:24:56 2003
  Component Id: Ne.ne2.ImaGroup_1.ImaLink_2
  Specific Problem: NorCarrFault - IMA Link Transmit Unusable Far End
  Description: IMA Link Tx Unusable FarEnd
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the Passport says it is unusable. Check the physical layer on the Passport and determine if there is an alarm or performance measurement errors there first. If not, check the transmit and receive stuff performance measurements on the Passport. The transmit and receive stuff values should be incrementing.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA320

---

Log report MGCA320 indicates an IMA link receive unusable far end fault which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA320 is as follows:

```
MSH10_I06BE * MGCA320 MAY2 09:25:03 1883 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 2614
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: May 02 09:25:03 2003
Component Id: Ne.ne2.ImaGroup_1.ImaLink_2
Specific Problem: NorCarrFault - IMA Link Receive Unusable Far End
Description: IMA Link Rx Unusable FarEnd
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why Passport says it is unusable. Check the physical layer on the Passport and determine if there is an alarm or performance measurement errors there first. If not, check the transmit and receive stuff performance measurements on the Passport. The transmit and receive stuff values should be incrementing.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA321

---

Log report MGCA321 indicates an IMA group startup far end fault which is a configuration or customization error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA321 is as follows:

```
MSH10_I06BE ** MGCA321 MAY2 09:26:03 2034 TBL MG9K NorCarrFault
Location: 2-HS9K
Notification Id: 2747
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: May 02 09:26:03 2003
Component Id: Ne.ne2.ImaGroup_1
Specific Problem: NorCarrFault - IMA Group Startup Far End
Description: IMA Startup FarEnd
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check that the MG 9000 and Passport configuration parameters match. Examples of the configuration parameters are: IMA version, group ids, clocking, framer length, symmetry, min transmit/receive links.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA322

---

Log report MGCA322 indicates an IMA group configuration abort which is a configuration or customization error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA322 is as follows:

```
MSH10_I06BR *** MGCA322 JUN19 14:18:43 9219 TBL MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 2337
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Jun 19 14:18:43 2003
  Component Id: Ne.ne2.ImaGroup_1
  Specific Problem: NorCarrFault - IMA Group Configuration Abort
  Description: IMA Config Abort
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check that the MG 9000 and Passport configuration parameters match. Examples of configuration parameters are: IMA version, group ids, clocking, framer length, symmetry, and minimum transmit/receive links.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA323

---

Log report MGCA323 indicates an IMA group configuration abort far end which is a configuration or customization error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA323 is as follows:

```
MSH10_I06BR  ** MGCA323 JUN19 14:18:48 9241 TBL  MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 2338
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Jun 19 14:18:48 2003
  Component Id: Ne.ne2.ImaGroup_1
  Specific Problem: NorCarrFault - IMA Group Configuration Abort Far
End
  Description: IMA Config Abort FarEnd
  Site   Flr   RPos   Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check that the MG 9000 and Passport configuration parameters match. Examples of configuration parameters are: IMA version, group ids, clocking, framer length, symmetry, and minimum transmit/receive links.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA324

---

Log report MGCA324 indicates an IMA group insufficient links which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA324 is as follows:

```
MGCA324 MAR18 17:00:40 4780 TBL MG9K NorCarrFault
Location: 2-CC02
Notification Id: 8589940287
State: not acknowledged
Category: communications
Cause: Communications Subsystem Failure
Time: Mar 18 17:00:40 2005
Component Id: Ne.ne2.ImaGroup_1
Specific Problem: NorCarrFault - IMA Group
Insufficient Links
Description: IMA Insufficient Links
Site   Flr   RPos   Bay_id
CC02   01    J10    MG9F 002
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA325

---

Log report MGCA325 indicates an IMA group insufficient links far end fault which is a communications protocol error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA325 is as follows:

```
MSH10_I06BE ** MGCA325 MAY2 09:25:57 2023 TBL MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 2733
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: May 02 09:25:56 2003
  Component Id: Ne.ne2.ImaGroup_1
  Specific Problem: NorCarrFault - IMA Group Insufficient Links Far
End
  Description: IMA Insufficient Links FarEnd
  Site   Flr   RPos   Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine why the links are down. Check the physical layer on the MG 9000 to see if there is an alarm or performance errors. If not, check the transmit and receive stuff performance measurements at the IMA level for the link. The transmit and receive stuff values should be nearly equal. If not, there must be a physical reason why the ICP cells are not being passed properly.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA326

---

Log report MGCA326 indicates an IMA group blocked far end which is a configuration or customization error.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA326 is as follows:

```
MSH10_I06BR * MGCA326 JUN19 14:19:04 9261 TBL MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 2343
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Jun 19 14:19:04 2003
  Component Id: Ne.ne2.ImaGroup_1
  Specific Problem: NorCarrFault - IMA Group Blocked Far End
  Description: IMA Blocked FarEnd
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to determine that the group on Passport is unlocked.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA327

---

Log report MGCA327 indicates an IMA group timing synchronization which is a timing problem.

**Note:** This log report is output only for DS1-IMA links, requiring DS1-IMA cards to be provisioned.

### Format

The format for log report MGCA327 is as follows:

```
MSH10_I06BR  ** MGCA327  JUN5 14:45:04 3304 TBL  MG9K NorCarrFault
  Location: 2-HS9K
  Notification Id: 58527
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Jun 05 14:45:04 2003
  Component Id: Ne.ne2.ImaGroup_1
  Specific Problem: NorCarrFault - IMA Group Timing Synchronization
  Description: IMA Timing Mismatch
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to check that the group on the Passport is CTC.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA328

---

Log report MGCA328 indicates an ABI loss of clock on the DS-512 optical link.

**Note:** This log report is output only for DS-512 cards, requiring DS-512 cards to be provisioned.

### Format

The format for log report MGCA328 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to verify the fibers are in good condition. Check the fibers with a light meter. If the fibers are bad, replace the fiber cables. If the fibers are in good condition, clean the fibers. Verify the fiber connections between the ABI and XPM are correct.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA329

---

Log report MGCA329 indicates an ABI loss of frame on the DS-512 optical link.

**Note:** This log report is output only for DS-512 cards, requiring DS-512 cards to be provisioned.

### Format

The format for log report MGCA329 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to verify the fibers are in good condition. Check the fibers with a light meter. If the fibers are bad, replace the fiber cables. If the fibers are in good condition, clean the fibers. Verify the fiber connections between the ABI and XPM are correct.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA330

---

Log report MGCA330 indicates an ABI low light level which indicates a loss of signal on the DS-512 optical link.

**Note:** This log report is output only for DS-512 cards, requiring DS-512 cards to be provisioned.

### Format

The format for log report MGCA330 is as follows:

```
MSH10_I06BE *** MGCA330 APR24 14:01:11 0746 TBL MG9K NorCarrFault
  Location: 1-RM9K-Frame000.Shelf1.Slot06.Port00
  Notification Id: 824
  State: not acknowledged
  Category: Communication Alarm
  Cause: Loss Of Signal
  Time: Apr 24 14:01:11 2003
  Component Id: Port.frame0.shelf1.slot6.ABI.abi
  Specific Problem: NorCarrFault - ABI loss of signal
  Description: Loss Of Signal (i.e., Low Light Level) on DS512 Optical
  Link
  Site      Flr  RPos  Bay_id
  FFFF     FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to verify the fibers are in good condition. Check the fibers with a light meter. If the fibers are bad, replace the fiber cables. If the fibers are in good condition, clean the fibers. Verify the fiber connections between the ABI and XPM are correct.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA331

---

Log report MGCA331 indicates an ABI channel parity error on the DS-512 optical link.

**Note:** This log report is output only for DS-512 cards, requiring DS-512 cards to be provisioned.

### Format

The format for log report MGCA331 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires the technician to verify the fibers are in good condition. Check the fibers with a light meter. If the fibers are bad, replace the fiber cables. If the fibers are in good condition, clean the fibers. Verify the fiber connections between the ABI and XPM are correct.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA332

---

Log report MGCA332 indicates a mismatch between the received path trace identifier and what is provisioned at the MG 9000. Log report MGCA332 is generated when the alarm is raised or cleared.

### Format

The format for log report MGCA332 is as follows:

- alarm raised

```
MGCA332 Tue Dec 17 14:20:55 EST 2002 TBL NorCarrFault
  NE Number: 2 NE Name: test
  Type: Communication
  Severity: minor
  Description: (PATH) Carr Fault TIM Fault Found Event type:
  ALARMP503 SEP05 18:14:33 4827 INFO Devise State Change
```

- alarm cleared

```
MGCA332 Tue Dec 17 14:22:14 EST 2002 TBL NorCarrFault
  NE Number: 2 NE Name: test
  State: cleared
  Type: Communication
  Cause: Communications Subsystem Failure
```

### Selected field descriptions

This log report has no selected fields.

### Action

If the log report MGCA332 indicates an alarm is raised, capture the current received path trace identifier by performing the “Capturing current path trace identifier value” procedure in “Clearing MG 9000 carrier alarms” in *MG 9000 Configuration Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA333

---

Log report MGCA333 indicates an alarm indication signal (AIS) on a DS3 was received from the MG 9000. The alarm clears when an AIS with a fault definition of clear is received.

### Format

The format for log report MGCA333 is as follows:

```
**MGCA333 MAR08 06:14:43 3409 TBL MG9K NorCarrFault
  Location:406-c406-FrameFFF.Shelf3.Slot10.Port00.
  Channel01
  Notification Id: 294
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Jan 01 05:39:05 1970
  Component Id: Port.frame0.shelf3.slot10.OC3.oc3.
  stslpath1
  Specific Problem: NorCarrFault - DS3 - Alarm
  Indication Signal - Check far-end carrier faults
  Description: (DS3) DS3 AIS
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFFF  MG9F FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA334

---

Log report MGCA334 indicates a loss of frame (LOF) fault on a DS3 was received from the MG 9000. The alarm clears when an AIS with a fault definition of clear is received.

### Format

The format for log report MGCA334 is as follows:

```
**MGCA334 MAR08 06:12:43 8306 TBL MG9K NorCarrFault
  Location:406-c406-FrameFFF.Shelf3.Slot10.Port00.
  Channel01
  Notification Id: 292
  State: not acknowledged
  Category: Communication Alarm
  Cause: Loss Of Frame
  Time: Jan 01 05:37:08 1970
  Component Id:Port.frame0.shelf3.slot10.OC3.oc3.sts1path1
  Specific Problem: NorCarrFault - DS3 - Loss Of Frame
  Description: (DS3) DS3 LOF
  Site   Flr   RPos   Bay_id
  FFFF  FF   FFFF  MG9F FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGCA335

---

Log report MGCA335 indicates a remote alarm indication (RAI) fault on a DS3 was received from the MG 9000. The alarm clears when an RAI with a fault definition of clear is received.

### Format

The format for log report MGCA335 is as follows:

```
*MGCA335 MAR08 06:18:43 1111 TBL MG9K NorCarrFault
  Location:406-c406-FrameFFF.Shelf3.Slot10.Port00.
  Channel01
  Notification Id: 296
  State: not acknowledged
  Category: Communication Alarm
  Cause: Communications Subsystem Failure
  Time: Jan 01 05:43:02 1970
  Component Id:Port.frame0.shelf3.slot10.OC3.oc3.
  stslpath1
  Specific Problem: NorCarrFault - DS3 - Remote
  Indication Signal - Check far-end carrier faults
  Description: (DS3) DS3 RAI
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFFF  MG9F  FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM300

---

Log report MGEM300 indicates the MG 9000 Manager is not able to connect to the database. A VMG or termination provisioning action failed to write to the database.

### Format

The format for log report MGEM300 is as follows:

```
MSH10_I06BR  ** MGEM300 JUN19 15:25:48 0968 TBL  MG9K DBUnavailable
Location: 1-RM9K
Notification Id: 2432
State: not acknowledged
Category: Processing Error
Cause: Underlying Resource Unavailable
Time: Jun 19 15:25:48 2003
Component Id: MG9k EM Comm Network
Specific Problem: EM DB Unavailable - Element Manager database
unavailable
Description: DB connection not available
Site   Flr   RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

When the database returns to service. The alarm clears when the next VMG or termination provisioning action successfully writes to the database.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM301

---

Log report MGEM301 indicates the MG 9000 Manager has lost SNMP communication with the MG 9000.

### Format

The format for log report MGEM301 is as follows:

```
MSH10_I06BE *** MGEM301 APR24 10:57:05 9232 TBL MG9K CommsLostToNE
Location: 2-HS9K
Notification Id: 817
State: not acknowledged
Category: Communications
Cause: Communications Subsystem Failure
Time: Apr 24 10:57:05 2003
Component Id: MG9k EM Comm Network
Specific Problem: Comm Channel Down - Communication Lost to the NE
Description: Loss of Heartbeat to NE
Site   Flr   RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Possible broken connection between the MG 9000 Manager and the MG 9000. Go to “Clearing MG 9000 Manager faults” in *MG 9000 Fault Management*, NN10074-911 to clear the alarm.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM303

---

Log report MGEM303 indicates the MG 9000 is sending too many alarms within a 5 second window. When this happens, the MG 9000 Manager requests that this particular MG 9000 stop sending alarms and display this particular alarm.

The condition clears when the number of alarms in a 5 second window falls below a set number.

### Format

The format for log report MGEM303 is as follows:

```
MSH10_I06BR *** MGEM303 JUN20 15:29:20 4642 TBL  MG9K AlarmsBeingThrottled
  Location: 1-RM9K
  Notification Id: 5063
  State: not acknowledged
  Category: Communications
  Cause: Communications Subsystem Failure
  Time: Jun 20 15:29:20 2003
  Component Id: MG9k EM Comm Network
  Specific Problem: Alarms Being Throttled - The alarm generation from
the GW has been throttled
  Description: Throttling alarms from 5.771428571428571 to 4.0
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## MGEM304

Log report MGEM304 indicates an alarm audit has failed. None of the existing alarms are cleared when the condition occurs. Another alarm audit is automatically rescheduled to be run after one minute.

### Format

The format for log report MGEM304 is as follows:

```
MSH10_I06BR *** MGEM304 JUN30 14:08:44 0768 TBL MG9K AlarmAuditFailed
Location: 70-sim5
Notification Id: 38
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 30 13:30:00 2003
Component Id: MG9k EM Comm Network
Specific Problem: Alarm Audit Failed - The alarm audit on the GW failed
Description: Alarm audit failed... Will keep attempting every 1 minute
Site   Flr   RPos  Bay_id
FFFF  FF   FFFF  MG9F FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO, TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG)

### Action

This log report requires no action. The only reason why the alarm audit would fail is due to bad (or complete loss) of communication between the EM and the GW. The crafts person is required to clear the condition causing the poor communication. No other action is required to clear this alarm. This alarm gets cleared automatically upon the next successful alarm audit.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM600

---

Log report MGEM600 indicates a switch of activity (Swact) has been initiated by the user on one of the following cards:

- OC3 card
- ABI (DS-512) card
- DS1-IMA card
- ITP card
- ITX card

MGEM600 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM600 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM601

---

Log report MGEM601 indicates a lock has been initiated by the user on one of the following cards:

- OC3 card
- ABI (DS-512) card
- DS1-IMA card
- ITP card
- ITX card
- MTA card
- DS1 card
- WLC card
- SAA
- SIC
- xDSL

MGEM601 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM601 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM602

---

Log report MGEM602 indicates an unlock has been initiated by the user on one of the following cards:

- OC3 card
- ABI (DS-512) card
- DS1-IMA card
- ITP card
- ITX card
- MTA card
- DS1 card
- WLC card
- SAA
- SIC
- xDSL

MGEM602 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM602 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM603

---

Log report MGEM603 indicates a forced lock has been initiated by the user on one of the following cards:

- OC3 card
- ABI (DS-512) card
- DS1-IMA card
- ITP card
- ITX card
- MTA card
- DS1 card
- WLC card
- SAA
- SIC
- xDSL

MGEM603 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM603 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM604

---

Log report MGEM604 indicates a forced unlock has been initiated by the user on one of the following cards:

- OC3 card
- ABI (DS-512) card
- DS1-IMA card
- ITP card
- ITX card
- MTA card
- DS1 card
- WLC card
- SAA
- SIC
- xDSL

MGEM604 is an MG 9000 Manager audit log. Audit logs can be retrieved from the `/var/log/auditlog` file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM604 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM605

---

Log report MGEM605 indicates diagnostics have been initiated by the user on one of the following cards:

- OC3 card
- ABI (DS-512) card
- DS1-IMA card
- ITP card
- ITX card
- MTA card
- DS1 card
- WLC card
- SAA
- SIC
- xDSL

MGEM605 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM605 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM606**

---

Log report MGEM606 indicates the user has initiated provisioning of a new switched lines VMG.

MGEM606 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM606 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM607**

---

Log report MGEM607 indicates the user has initiated removal of a switched lines VMG.

MGEM607 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM607 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM608

---

Log report MGEM608 indicates the user has provisioned switched lines ESA configuration data.

MGEM608 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM608 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM609**

---

Log report MGEM609 indicates the user has provisioned a switched lines gateway.

MGEM609 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM609 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM610**

---

Log report MGEM610 indicates the user has provisioned a switched lines gateway termination.

MGEM610 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM610 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM611**

---

Log report MGEM611 indicates the user has provisioned bulk gateway switched lines terminations.

MGEM611 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM611 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM612**

---

Log report MGEM612 indicates the user has provisioned a switched lines ESA service code.

MGEM612 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM612 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM613**

---

Log report MGEM613 indicates the user has removed a switched lines ESA service code.

MGEM613 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM613 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM614

---

Log report MGEM614 indicates the user has removed an MG 9000 switched lines termination.

MGEM614 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM614 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM615**

---

Log report MGEM615 indicates the user has removed bulk MG 9000 switched lines terminations.

MGEM615 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM615 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM616**

---

Log report MGEM616 indicates the user has removed all switched lines terminations on a line card.

MGEM616 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM616 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM617

---

Log report MGEM617 indicates the user initiated a change in switched lines termination data.

MGEM617 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM617 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM618**

---

Log report MGEM618 indicates the user provisioned private lines passive endpoint.

MGEM618 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM618 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM619**

---

Log report MGEM619 indicates the user provisioned private lines active endpoint.

MGEM619 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM619 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM620

---

Log report MGEM620 indicates the user provisioned a private lines hairpin connection.

MGEM620 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM620 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM621

---

Log report MGEM621 indicates the user set private lines service administrative status.

MGEM621 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM621 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM622**

---

Log report MGEM622 indicates the user initiated a restart of private lines service.

MGEM622 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM622 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM623

---

Log report MGEM623 indicates the user started a test of private lines service ATM virtual circuit (VC).

MGEM623 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM623 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM624

---

Log report MGEM624 indicates the user aborted a test of private lines service ATM virtual circuit (VC).

MGEM624 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM624 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM625**

---

Log report MGEM625 indicates the user unlocked a test of private lines service ATM virtual circuit (VC).

MGEM625 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM625 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM626**

---

Log report MGEM626 indicates the user deleted private lines endpoints.

MGEM626 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM626 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM627**

---

Log report MGEM627 indicates the user modified ADSL circuit provisioning attributes.

MGEM627 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM627 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM628

---

Log report MGEM628 indicates the user deprovisioned an ADSL data circuit service.

MGEM628 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM628 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM629**

---

Log report MGEM629 indicates the user added a new ADSL data circuit.

MGEM629 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM629 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM630

---

Log report MGEM630 indicates the user changed an ADSL data circuit.

MGEM630 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM630 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM631**

---

Log report MGEM631 indicates the user deleted an ADSL data circuit.

MGEM631 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM631 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM632

---

Log report MGEM632 indicates the user set links in a DS1-IMA group.

MGEM632 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM632 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM633**

---

Log report MGEM633 indicates the user started a DS1-IMA group pattern test.

MGEM633 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM633 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM634

---

Log report MGEM634 indicates the user stopped a DS1-IMA group pattern test.

MGEM634 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM634 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM635

---

Log report MGEM635 indicates the user added a DS1-IMA group link to the group.

MGEM635 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM635 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM636**

---

Log report MGEM636 indicates the user removed a DS1-IMA group link from the group.

MGEM636 is an MG 9000 Manager audit log. Audit logs can be retrieved from the `/var/log/audited` file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM636 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM637**

---

Log report MGEM637 indicates the user set the administration state on a DS1-IMA link.

MGEM637 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM637 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM638

---

Log report MGEM638 indicates the user set the configuration state on a DS1-IMA link.

MGEM638 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM638 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM639

---

Log report MGEM639 indicates the user initiated a lock of one of the following:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM639 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM639 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM640

---

Log report MGEM640 indicates the user initiated a lock on one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM640 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM640 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## MGEM641

---

Log report MGEM641 indicates the user initiated an unlock of one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1 IMA carrier

MGEM641 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM641 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM642

---

Log report MGEM642 indicates the user initiated an unlock on one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM642 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM642 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM643

---

Log report MGEM643 indicates the user initiated a forced lock on one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM643 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM643 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM644

---

Log report MGEM644 indicates the user initiated a forced lock on one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM644 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM644 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM645

---

Log report MGEM645 indicates the user initiated a forced unlock on one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM645 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM645 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM646

---

Log report MGEM646 indicates the user initiated a forced unlock on one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM646 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM646 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM647

---

Log report MGEM647 indicates the user online one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM647 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM647 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM648

---

Log report MGEM648 indicates the user set one of the following carrier types online:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM648 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM648 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM649

---

Log report MGEM649 indicates the user set one of the following carrier types offline:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM649 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM649 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM650

---

Log report MGEM650 indicates the user offlined a multiple of one of the following carrier types:

- OC3 carrier
- DS0 carrier
- DS1 carrier
- DS1-IMA carrier

MGEM650 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM650 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM651

---

Log report MGEM651 indicates the user locked one of the following:

- ADSL data circuit.
- xDSL line circuit
- SAA line circuit

MGEM651 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM651 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM652

---

Log report MGEM652 indicates the user locked one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM652 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM652 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM653

---

Log report MGEM653 indicates the user unlocked one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM653 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM653 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM654

---

Log report MGEM654 indicates the user unlocked one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM654 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM654 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM655

---

Log report MGEM655 indicates the user initiated a diagnostic check on one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM655 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM655 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM656

---

Log report MGEM656 indicates the user aborted a diagnostic check on one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM656 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM656 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM657

---

Log report MGEM657 indicates the user set an end-to-end test port on one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM657 is an MG 9000 Manager audit log. Audit logs can be retrieved from the `/var/log/auditlog` file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM657 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM658

---

Log report MGEM658 indicates the user set a PAV test port on one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM658 is an MG 9000 Manager audit log. Audit logs can be retrieved from the `/var/log/auditlog` file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM658 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM659

---

Log report MGEM659 indicates the user cleared a test on one of the following:

- ADSL data circuit
- xDSL line circuit
- SAA line circuit

MGEM659 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM659 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM660

---

Log report MGEM660 indicates the user created a new LCI user.

MGEM660 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM660 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM661**

---

Log report MGEM661 indicates the user deleted an existing LCI user.

MGEM661 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM661 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM662

---

Log report MGEM662 indicates the user modified existing LCI user data.

MGEM662 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM662 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM663**

---

Log report MGEM663 indicates the user channelized a DS1 carrier.

MGEM663 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM663 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM664

---

Log report MGEM664 indicates the user unchannelized a DS1 carrier.

MGEM664 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM664 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM665**

---

Log report MGEM665 indicates the user modified DS1 carrier provisioning attributes.

MGEM665 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM665 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM666

---

Log report MGEM666 indicates the user synchronized preprovisioned bundles.

MGEM666 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM666 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM667**

---

Log report MGEM667 indicates the user assigned a DS1 spare card.

MGEM667 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM667 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM668

---

Log report MGEM668 indicates the user released a DS1 spare card.

MGEM668 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM668 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM669**

---

Log report MGEM669 indicates the user reverted DS1 card sparing activity.

MGEM669 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM669 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM670**

---

Log report MGEM670 indicates the user initiated DS1 card sparing activity.

MGEM670 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM670 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM671**

---

Log report MGEM671 indicates the user added a DS1 card to a protection group.

MGEM671 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM671 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM672**

---

Log report MGEM672 indicates the user removed a DS1 card from a protection group.

MGEM672 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM672 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM673**

---

Log report MGEM673 indicates the user provisioned a DS0 bundle on a DS1 carrier.

MGEM673 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM673 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM674

---

Log report MGEM674 indicates the user modified a DS0 bundle.

MGEM674 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM674 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM675**

---

Log report MGEM675 indicates the user set a DS0 bundle circuit identifier.

MGEM675 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM675 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM676

---

Log report MGEM676 indicates the user initiated a lock of a DS0 bundle.

MGEM676 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM676 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM677**

---

Log report MGEM677 indicates the user initiated an unlock of a DS0 bundle.

MGEM677 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM677 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM678**

---

Log report MGEM678 indicates the user deleted a DS0 bundle.

MGEM678 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM678 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM679**

---

Log report MGEM679 indicates a request for a switch of mastership has been received from a DS-512 (ABI) card.

MGEM679 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### **Format**

The format for log report MGEM679 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## MGEM699

---

Log report MGEM699 reports an MG 9000 discovery status event by the MG 9000 Manager.

### Format

The format for log report MGEM699 is as follows:

```
MGEM699 NONE INFO MG9K Discovery Status Event
      NE Number: 21 NE Name: HW3
      Status: Discovery requested - recovery from
      persistence store
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM700

---

Log report MGEM700 indicates the MG 9000 Manager server is starting.

MGEM700 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM700 is as follows:

```
MSH10_I06BT      MGEM700  AUG8 01:09:44 9743 INFO Startup_Event
                Status: Element Manager Server is starting...
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM701

---

Log report MGEM701 indicates the MG 9000 Manager mid-tier is starting.

MGEM701 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM701 is as follows:

```
MSH10_I06BT      MGEM701  AUG8 01:07:46 9735 INFO Shutdown_Event
                Status: Shutting MG 9K Server down ...
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM702

---

Log report MGEM702 indicates the MG 9000 Manager mid-tier is shut down.

MGEM702 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM702 is as follows:

```
MSH10_I06BT      MGEM702  AUG8 01:11:48 9752 INFO Startup_Event
                Status: MG9K_Process: Midtier Process was started with PSID 16252
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## MGEM703

---

Log report MGEM703 indicates the MG 9000 Manager mid-tier is shut down.

MGEM703 is an MG 9000 Manager audit log. Audit logs can be retrieved from the /var/log/auditlog file on the MG 9000 Manager server using a text viewer.

### Format

The format for log report MGEM703 is as follows:

```
MSH10_I06BT      MGEM703  AUG8 01:06:42 9726 INFO Shutdown_Event
                Status: Shutting MG 9K Midtier Server down ...
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **MGEM704**

---

Log report MGEM704 indicates an attempt to correct MG 9000 data in the database has failed because the database was unavailable.

### **Format**

The format for log report MGEM704 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action. The database will be corrected when it is available.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **MGEM705**

---

Log report MGEM705 indicates an attempt to correct MG 9000 data in the database has passed.

### **Format**

The format for log report MGEM705 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## MGEM714

Log report MGEM714 is generated when a user attempts to image an MG 9000 device.

### Format

The format for log report MGEM714 is as follows:

```
Oct 2 14:37:14 wnc0s00v MGEM:joeuser 714 Software Image  
Requested MG9K: U16 [16]
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Date/Time	Date and Time stamp of the log	Oct 2 14:37:14
Host Name	Host machine name	wnc0s00v
Application Name	Specifies the application producing the log	MGEM
User Name	User name attempting the action	joeuser
Log Number	The log number	714
Log Text	Specifies the action attempted and any associated details.	Software Image Requested MG9K: U16[16]

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

## NE300

Log report NE300 indicates the MG 9000 is running on pre-SN06 loads and the MG 9000 Manager is running on SN06 or later loads. This log is used only to support backward compatibility

### Format

The format for log report NE300 is as follows:

```
NE300 MAJOR TBL MG9K NorNodeFault
Location:          218-co19-Frame0.Shelf3.Slot11
Notification Id: 163
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 24 13:44:55 2003
Component Id: Card.frame0.shelf3.slot11.OC3
Specific Problem: Node Fault - (Backward Compatibility Only)
Description: oper fault for Inband Messaging OAMP Link 0
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO, TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

The craftsperson should use the SN05 alarm clearing procedure to handle the alarm.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE301

Log report NE301 indicates a hardware fault occurred in the MG 9000.

### Format

The format for log report NE301 is as follows:

```
NE301 MAJOR TBL MG9K NorNodeFault
  Location:          219-co19-Frame0.Shelf2.Slot4
  Notification Id:   36
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Mar 25 11:57:47 2003
  Component Id: Card.frame0.shelf2.slot4.ABI
  Specific Problem: Node Fault - Hardware fault
  Description: oper fault for ABI card
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.

Field	Value	Description
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

Lock/Unlock the card, wait for the restart to finish, and then run diagnostics. If the faults re-appear, replace the card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE302

Log report NE302 indicates a software fault occurred in the MG 9000.

### Format

The format for log report NE302 is as follows:

```
MSH10_I06BE ***   NE302 APR23 11:36:16 7432 TBL  MG9K NorNodeFault
  Location: 1-RM9K-Frame000.Shelf1.Slot10
  Notification Id: 604
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Apr 23 11:36:16 2003
  Component Id: Card.frame0.shelf1.slot10.OC3
  Specific Problem: Node Fault - Software fault
  Description: oper      fault for BAL Data Sync
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

Lock/Unlock the card and the card will restart, most likely causing the alarm to clear. Wait to make sure that the card is enabled after the restart and no faults re-appear.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE303

Log report NE303 indicates a restored fault occurred in the MG 9000. Restored faults are “Faults seen while active”. Diagnostics will not clear restored faults. The card with the restored faults may not be in the same state it was in before the restart that caused the faults to be restored.

### Format

The format for log report NE303 is as follows:

```
MSH10_I06BE ** NE303 APR23 11:56:54 7958 TBL MG9K NorNodeFault
  Location: 1-RM9K-Frame000.Shelf2.Slot12
  Notification Id: 679
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Apr 23 11:56:54 2003
  Component Id: Card.frame0.shelf2.slot12.ITP
  Specific Problem: Node Fault - Restored fault
  Description: Fault seen while Active: Serial Link Control - controls
communication with ITX
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be “NorNodeFault”

Field	Value	Description
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

Restored faults require the following action, regardless of the specific fault that is restored:

- Fix the problem that caused the alarm. For example, replace a cable causing the fault.
- Lock and Unlock the card, causing a restart. After the restart completes, no faults will be restored.
- If the alarm returns as a hard or operational fault, follow the specific clearing procedure for that alarm type (that is, hardware or software fault).

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE304

Log report NE304 indicates faults are ambiguous with regard to the card that is causing the fault. Usually, the alarm on card A indicates that there is a problem on card A, card B, or the link in between card A and B.

### Format

The format for log report NE304 is as follows:

```
MSH10_I06BE * NE304 APR23 11:57:00 7965 TBL MG9K NorNodeFault
Location: 1-RM9K-Frame000.Shelf1.Slot12
Notification Id: 681
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 23 11:57:00 2003
Component Id: Card.frame0.shelf1.slot12.ITP
Specific Problem: Node Fault - External Link fault
Description: hard fault for ITX card, or cable on ITP port 1
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

Perform the following, until the fault clears:

Lock/unlock card A (more subordinate card, that is. if the cards are ITP/ITX, then the ITP is card A - if the cards are DCC/other, then the other card is card A).

- Lock/unlock card B
- Replace card A
- Put the old card A back and replace card B
- Examine the link

If the fault is on and ITP or ITX card, the link between the cards is a tangible entity that can be replaced. When replacing the cable, make sure that it is attached to the inactive ITX (it may be necessary to Swact ITX cards), and then install a new card.

**Note:** Do not attempt to repair connectors on cables attached to powered up cards. The soldering iron will short the pins and possibly damage the card.

For other cards (such as, ABI to DCC, DS1 to DCC, or ITX to DCC), if the link is between cards in the master shelf, all the links cross the backplane. Visually inspect the backplane looking for bent or damaged pins.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE305

Log report NE305 indicates a serial device fault has occurred.

### Format

The format for log report NE305 is as follows:

```
MSH10_I06BE ** NE305 APR23 10:20:14 6218 TBL MG9K NorNodeFault
Location: 1-RM9K-Frame000.Shelf1.Slot13
Notification Id: 483
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 23 10:20:14 2003
Component Id: Card.frame0.shelf1.slot13.ITP
Specific Problem: Node Fault - Serial Device fault
Description: hard fault for Serial device - to Mate ITP card
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

If these types of alarms appear in conjunction with external faults, deal with the external faults first. If they appear alone, treat them as hardware faults.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE306

Log report NE306 indicates GLAN Related Faults. The GLAN hub is located on the active ITP in the shelf where the fault appears.

### Format

The format for log report NE306 is as follows:

```
*NE306 xxxx TBL MG9K NorNodeFault
Location: 219-co19-Frame0.Shelf2.Slot4
Notification Id: 45
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 25 12:02:30 2003
Component Id: Card.frame0.shelf2.slot4.ABI
Specific Problem: Node Fault - GLAN fault
Description: oper fault forGLAN Link to hub on
Active ITP card
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

First attempt to Swact the ITP cards and re-run diagnostics on the faulty card. If that clears the problem, replace the newly inactive ITP card, otherwise treat the fault as a hardware fault.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE307

Log report NE307 indicates ABI faults have occurred.

### Format

The format for log report NE307 is as follows:

```
MSH10_I06BR  **   NE307  JUN5 14:15:42 2251 TBL  MG9K NorNodeFault
Location: 1-RM9K-Frame000.Shelf1.Slot06
Notification Id: 58258
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jun 05 14:15:42 2003
Component Id: Card.frame0.shelf1.slot6.ABI
Specific Problem: Node Fault - ABI fault
Description: oper      fault for All DS512 channels closed
Site   Flr  RPos  Bay_id
FFFF  FF   FFF  FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should

- verify the MG 9000 is in service
- verify the ABI card related to the alarm is unlocked
- verify the ABI card is not disabled. If the ABI card is disabled, solve other issues causing the card to be disabled.
- check DS512 fibers (perform a light check, clean the fiber cables, verify the fiber cables are present)

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE308

Log report NE308 indicates inband messaging faults.

### Format

The format for log report NE308 is as follows:

```
MSH10_I06BE ** NE308 APR23 09:12:41 5490 TBL MG9K NorNodeFault
  Location: 2-HS9K-Frame000.Shelf0.Slot11
  Notification Id: 430
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Apr 23 09:12:41 2003
  Component Id: Card.frame0.shelf0.slot11.DS1IMA
  Specific Problem: Node Fault - Inband Messaging fault
  Description: oper      fault for Inband Messaging CC Link 0
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should perform the following:

- Check for alarms on shelf controller.
- Use the LCI to verify that AESA provisioning information is correct. If the AESA provisioning information is incorrect, use the “Provisioning a connection using the LCI” procedure in *MG 9000 Fault Management*.
- If the problem persists, call your next level of support.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE309

Log report NE309 indicates Clock Sync faults.

### Format

The format for log report NE309 is as follows:

```
NE309 MINOR TBL MG9K NorNodeFault
Location:          219-co19-Frame0.Shelf2.Slot4
Notification Id: 153
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 25 12:12:25 2003
Component Id: Card.frame0.shelf2.slot10.OC3
Specific Problem: Node Fault - clock sync fault
Description: oper fault TDM Link 0 - Timing reference
link from ITP card
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

If fault is on both ITPs

- Verify Clock source is connected.
- Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
- If fault persists, lock/unlock to restart the card.
- If fault persists, call next level of support.

If fault is on one ITP

- Verify Clock source is connected.
- Wait up to 2 minutes for the clock audit to have a chance to detect clock source.
- If fault persists, lock/unlock to restart the card.
- Replace the faulty card.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE310

Log report NE310 indicates unused hardware faults.

### Format

The format for log report NE310 is as follows:

```
NE310 MINOR TBL MG9K NorNodeFault
Location:          219-co19-Frame0.Shelf2.Slot10
Notification Id: 155
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 25 12:27:32 2003
Component Id: Card.frame0.shelf2.slot10.OC3
Specific Problem: Node Fault - Unused Hardware fault
Description: oper fault for Unused [was serial link 0]
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

Ignore alarms on unused hardware. The alarms should be addressed (as hardware faults) before the next software upgrade, because the new software may use more hardware than the old software load.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE311

Log report NE311 indicates Time of Day Faults - Attempts to access the provisioned time server have failed.

### Format

The format for log report NE311 is as follows:

```
MSH10_I06BE * NE311 MAY2 09:48:32 2609 TBL MG9K NorNodeFault
Location: 2-HS9K-Frame000.Shelf0.Slot11
Notification Id: 2926
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: May 02 09:48:32 2003
Component Id: Card.frame0.shelf0.slot11.DS1IMA
Specific Problem: Node Fault - Time of Day fault
Description: oper      fault for Time of Day: Access to time server
10.102.15.145 faile
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should:

- Verify the provisioned IP address of time server is correct
- Verify time server is operational and online.
- Use the LCI to re-submit the Time of day parameters, this forces immediate time server access. Use the "Provisioning a connection using the LCI" procedure in *MG 9000 Fault Management*.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE312

Log report NE312 indicates cable faults, that is, one of the cables to the ITP cards are connected in an unsupported way.

### Format

The format for log report NE312 is as follows:

```
NE312 MINOR TBL MG9K NorNodeFault
Location:          219-co19-Frame0.Shelf2.Slot10
Notification Id: 159
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 25 12:27:32 2003
Component Id: Card.frame0.shelf2.slot10.OC3
Specific Problem: Node Fault - External Cable fault
Description: oper fault for Cable configuration conflict
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO, TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

Check to see if the cable on this ITX matches the mate ITX, and that the ITP ends of the cable are in the right ports.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE313

Log report NE313 indicates an activity cable fault. The mate activity cable is a small cable on the front of the ABI cards used for activity determination.

### Format

The format for log report NE313 is as follows:

```
NE313 MINOR TBL MG9K NorNodeFault
Location:          219-co19-Frame0.Shelf2.Slot4
Notification Id:  49
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 25 12:11:12 2003
Component Id: Card.frame0.shelf2.slot4.ABI
Specific Problem: Node Fault - Activity Cable fault
Description: oper fault for Activity control cable between
ABI cards
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should

- Verify the mate activity cable is connected to both cards.
- Replace the cable.
- If the fault persists, replace the inactive card.
- If the problem still persists, Swact and replace the newly inactive card.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE314

Log report NE314 indicates backplane faults. The carriers between the two DCC cards cannot communicate.

### Format

The format for log report NE314 is as follows:

```
MSH10_I06BE * NE314 MAY2 09:25:17 1911 TBL MG9K NorNodeFault
Location: 2-HS9K-Frame000.Shelf0.Slot10
Notification Id: 2642
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: May 02 09:25:17 2003
Component Id: Card.frame0.shelf0.slot10.DS1IMA
Specific Problem: Node Fault - Backplane fault
Description: oper      fault for Backplane Cross Connect
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should

- Verify and fix any CARRIER alarms
- If fault is seen on active DCC
  - Restart the inactive DCC
  - If problem persists, replace inactive DCC
  - If problem persists, call next level of support
- If the fault is seen on inactive DCC
  - Restart the inactive DCC
  - If problem persists, Swact the DCC cards. This will cause carriers to go down momentarily. Be sure to call next level to verify it is permissible to Swact.
  - Restart the newly inactive DCC card.
  - If problem persists, replace the newly inactive card.
  - If problem persists, call next level of support.
- If both DCCs have this fault, there is a backplane problem in the shelf. Replace the entire shelf backplane. Contact the next level of support.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE315

Log report NE315 indicates a bandwidth fault. Some of the carriers are not providing bandwidth.

### Format

The format for log report NE315 is as follows:

```
MSH10_I06BE ***   NE315   MAY2 09:24:56 1864 TBL   MG9K NorNodeFault
Location: 2-HS9K-Frame000.Shelf0.Slot11
Notification Id: 2597
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: May 02 09:24:56 2003
Component Id: Card.frame0.shelf0.slot11.DS1IMA
Specific Problem: Node Fault - Bandwidth fault
Description: oper      fault for Resource Bandwidth
Site   Flr   RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

The technician should verify and fix any CARRIER alarms. If the problem persists, restart the card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE316

Log report NE316 indicates line alarms have been raised.

### Format

The format for log report NE316 is as follows:

```
MSH10_I06BE * NE316 APR23 10:39:03 6591 TBL MG9K NorNodeFault
  Location: 1-RM9K-Frame000.Shelf1.Slot04
  Notification Id: 553
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Apr 23 10:39:03 2003
  Component Id: Card.frame0.shelf1.slot4.SAAL
  Specific Problem: Node Fault - Line fault
  Description: LineCard Removed, but not locked (0,1,4,0)
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

The technician should verify and fix the LINEMTC alarms.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE317

Log report NE317 indicates shelf faults have occurred.

### Format

The format for log report NE317 is as follows:

```
MSH10_I06BE ***   NE317  MAY5 07:33:57 6851 TBL  MG9K NorNodeFault
Location: 2-HS9K-Frame000.Shelf0.Slot01.Card2
Notification Id: 31697
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: May 05 07:33:57 2003
Component Id: Card.frame0.shelf0.slot1.SIC
Specific Problem: Node Fault - Shelf fault
Description: SIC Audit - Card not responding.
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred

Field	Value	Description
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

The technician should verify and fix any shelf alarms.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE318

Log report NE318 indicates proxy alarms have occurred. The card referred to in the alarm text (description) is not communicating.

### Format

The format for log report NE318 is as follows:

```
MSH10_I06BE ** NE318 APR24 14:59:40 1513 TBL MG9K NorNodeFault
  Location: 1-RM9K-Frame000.Shelf2.Slot12
  Notification Id: 850
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Apr 24 14:59:40 2003
  Component Id: Card.frame0.shelf2.slot12.ITP
  Specific Problem: Node Fault - Proxy fault
  Description: Card communication failure - Proxy mode activated
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF  FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should perform the following:

- The card could be currently restarting, if so, wait until it has finished.
- If the alarm does not clear after sufficient restart time, verify the card is connected to the backplane and all cables are attached.
- Verify and fix all Serial Device or External Link alarms in the path from the active DCC to the card that is not communicating. See *MG 9000 Fault Management*.
- If the alarm still does not clear, replace the card.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE319

Log report NE319 indicates MTA alarms have occurred.

### Format

The format for log report NE319 is as follows:

```
NE319 xxxx TBL MG9K NorNodeFault
Location:          219-co19-Frame0.Shelf2.Slot2
Notification Id: 163
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Mar 25 13:28:28 2003
Component Id: Card.frame0.shelf2.slot2.MTA
Specific Problem: Node Fault -
Description:
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.

Field	Value	Description
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

## Action

The technician should perform the following

- Verify the MTA card is in the correct slot, and the card is seated properly. If that is not the problem, reseal the MTA card.
- If problem still persists, replace the MTA card.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## NE320

Log report NE320 indicates data audit faults occurred. A data audit is required

### Format

The format for log report NE320 is as follows:

```
MSH10_I06BR ** NE320 MAY28 14:50:02 4452 TBL MG9K NorNodeFault
Location: 1-RM9K-Frame000.Shelf1.Slot12
Notification Id: 269
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: May 28 14:50:02 2003
Component Id: Card.frame0.shelf1.slot12.ITP
Specific Problem: Node Fault - Data Audit Required fault
Description: oper      fault for Require Audit Recovery Executed
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"

Field	Value	Description
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

Wait until the MG 9000 Manager runs another data audit. The audit should clear the alarm.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE500

---

Log report NE500 is generated when an MG 9000 node pair (DCC, ITP, ITX) perform a switch of activity.

### Format

The format for log report NE500 is as follows:

```
NE500  AUG8 08:22:17 1656  INFO  MG9K  NODE  SWACT
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## NE501

---

Log report NE501 is generated when an MG 9000 node (DCC, ITP, ITX, or DS1 card) changes state.

### Format

The format for log report NE500 is as follows:

```
NE501 JUN5 14:15:42 2252 INFO MG9K Node State Change Trap
      NE Number: 1 NE Name: RM9K PhysLoc: 0 1 6
      norMg5EventTime: Thu Jun 05 14:15:42 EDT 2003
      norNodeAdminStatus: UNLOCKED
      norNodeOperStatus: ENABLED
      norNodeUsageStatus: IDLE
      norNodeAlarmStatus: NONE
      norNodeAvailableStatus: NORMAL
      norNodeStandbyStatus: HOT_STANDBY
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## NE503

Log report NE503 indicates a DS-512 (ABI) card has performed a switch of mastership.

### Format

The format for log report NE503 is as follows:

```
MSH10_I06BR      NE503 AUG6 11:06:14 0029 INFO MG9K ABI Switch Mastership
NE Number: 19  NE_Name: CO_19 PhyLoc: 0 2 5
norNodeSwactType: Autonomous Switch Mastership
norNodeSwactTime: Thu Jan 01 01:47:52 EST 1970
norNodeSwactResult: SUCCESS
Description: Node does a switch activity.
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO,TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.

Field	Value	Description
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

**Action**

No action required.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## NE504

Log report NE504 indicates a DS-512 (ABI) state change SNMP-trap has occurred.

### Format

The format for log report NE504 is as follows:

```
MSH10_I06BR  NE504 AUG6 11:06:14 0030 INFO MG9K ABI State Change Snmp-Trap
NE Number: 19  NE_Name: CO_19 PhyLoc: 0 2 5
norNodeSwactType: Autonomous Switch Mastership
norNodeSwactTime: Thu Jan 01 01:47:52 EST 1970
norNodeSwactResult: SUCCESS
Description: Node does a switch activity.
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	INFO, TBL, etc...	Describes event type
event id	string	Name of the log
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	number	Alarm Id
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it will be "NorNodeFault"
Cause	string	Cause of failure: In this case it will be "Equipment Malfunction"
Time	string	Date/Time indicating when the condition occurred
Component Id	string	Indicates the type of equipment having the fault.

Field	Value	Description
Specific Problem	String	String indicating the specific problem that caused the fault
Description	string	Provides specific text for the fault (as provided by the MG 9000)

### Action

No action required.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## NE609

---

Log report NE609 is generated when a user submits an image request.

### Format

The format for log report NE609 is as follows:

```
NE609 OCT6 11:06:14 0029 INFO MG9K Software Image Event
      Imaging: NE Number: 7 NE Name: PL7 Card Type: DS1
      Image Type: Card Type
      Image Action: Image
      Image Status: Image Completed
      Time: Thu Oct 02 18:17:11 EDT 2003
```

### Selected field descriptions

This log report has no selected fields.

### Action

If the Image Status field indicates a failure, the user may want to attempt to image the device again.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## OMC300

Log report OMC300 indicates that the OM Collector failed to collect the OM file from the MG 9000 during a particular collection interval. The following are possible reasons for this log report:

- The MG 9000 is in traffic overload.
- The disk may be full, therefore the OM Collector cannot store the downloaded OM file.
- The MG 9000 user id and password provided may be incorrect.
- The OM file details in the SFTP request may be incorrect.
- The SSH key maintained by MG9K EM does not match one at the NE. When an SSH key mismatch occurs, an exception "Host key authentication failure" will be reported in a CSV file. For example:

```
#
cat/data/oms/1/MG9000.CO9.OMs.5_MIN_TRAFFIC.2005.
08.12_10.55_EDT.csv Couldn't download file:
/omCollector/omCollector1 from 47.142.107.36 as
/data/oms/tmp/MG9000.CO9.OMs.5_MIN_TRAFFIC.2005.0
8.12_10.55_EDT.ftp. Exception Host key
authentication failure. Code:12
```

The OMC300 log report is also output when the condition clears.

## Format

The format for log report OMC300 is as follows:

```
*** OMC300 JUN20 15:29:20 4642 TBL OMDataCollection-
Failed
Location: 1-RM9K
Notification Id:1000
State: not acknowledged
Category: Communication Alarm
Cause: Communications Subsystem Failure
Time: Jun 20 15:29:20 2003
Component Id: MG9k EM Comm Network
Specific Problem: OM data collection failed
Description:
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

## Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
event type	TBL	Describes event type
event id	string	Log name. In this case, it is OMC300
Location	NE number - NE Name	Gives a complete location of the originator.
Notification Id	Alarm if	
State	string	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	string	Indicates type of fault. In this case it is 'Communication Alarm'.
Cause	string	Cause of failure: In this case it is 'Communications Subsystem Failure'.
Time		Date/Time indicating when the condition occurred.
Component Id	string	Indicates the type of equipment having the fault.
Specific Problem	string	Indicates the specific problem that caused the fault
Description	string	Provides specific text for the fault. In this case, it consists of Frame location information.

## Action

Determine if the MG 9000 is in traffic overload or if the disk where the OM files are stored is full.

If the problem is due to SSH key mismatch, delete the entry for the NE from the file /data/mg9kem/hosts.auth.

## Associated OM registers

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

---

## OMC600

---

Log report OMC600 reports a summary of OM data collected by the OM collector. The OMC600 log is output every 15 minutes providing a summary report of OM data collected.

### Format

The format for log report OMC600 is as follows:

```
OMC600 Oct 24 14:15:00 0001 INFO OMCcollectionSummary
***OM Collection Summary***
Total number of configured devices 5
OM data collection succeeded: 5
OM data collection failures: 0
General comment: <none>
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## OMC700

---

Log report OMC700 reports the OM collector is starting.

### Format

The format for log report OMC700 is as follows:

```
OMC700 0000 INFO Startup_Event  
Status: OMCLTR_Process: OMCollector Process was  
started with PSID 4387
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## OMC701

---

Log report OMC701 reports the OM collector is shutting down.

### Format

The format for log report OMC701 is as follows:

```
OMC701 9999 INFO Shutdown_Event  
Status: Shutting OM Collector down...
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## OVLD304

Log report OVLD304 indicates an overload detection fault has occurred.

### Format

The format for log report OVLD304 is as follows:

```
OVLD 304 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - Overload Detection Fault
Description: Performance Monitor - Performance Degraded Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-Decemb er (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Trouble (TBL) for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	minor or major
Description	string	Overload detected.

## **Action**

No action required.

## **Associated OM registers**

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

## OVLD800

Log report OVLD800 indicates a Pdu Rate Threshold has been crossed.

### Format

The format for log report OVLD800 is as follows:

```
OVLD 800 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - Overload PDU Rate Fault
Description: Pdu Rate Threshold crossed.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-Decemb er (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

**Action**

No action required.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## OVLD801

Log report OVLD801 indicates a Cbv Message Rate Threshold has been crossed.

### Format

The format for log report OVLD801 is as follows:

```
OVLD 801 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: OvldCbvMsgRFault: Threshold crossed
Description: Performance Monitor -- Cbv Message Rate Overloaded
Alarm .
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-Decemb er (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

## **Action**

No action required.

## **Associated OM registers**

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

## OVLD802

Log report OVLD802 indicates a CBV message rate fault has been crossed.

### Format

The format for log report OVLD802 is as follows:

```
OVLD 802 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - Overload CBV MesssageRate Fault
Description: Performance Monitor - Connection Queue overloaded
Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-Decemb er (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

**Action**

No action required.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## OVLD803

Log report OVLD803 indicates a CPU utilization fault has been occurred.

### Format

The format for log report OVLD803 is as follows:

```
OVLD 803 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - overloade CPU Utilization Fault
Description: Pdu Rate Overloaded Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

## **Action**

No action required.

## **Associated OM registers**

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

## OVLD804

Log report OVLD804 indicates a CPU utilization fault.

### Format

The format for log report OVLD804 is as follows:

```
OVLD 804 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - CPU Utilization Fault
Description: Performance Monitoring - CPU Utilization Overloaded
Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-Decemb er (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

**Action**

No action required.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## OVLD805

Log report OVLD805 indicates a RAM utilization fault has occurred.

### Format

The format for log report OVLD805 is as follows:

```
OVLD 805 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - RAM Utilization Fault
Description: Performance Monitoring - RAM Utilization Overloaded
Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

## **Action**

No action required.

## **Associated OM registers**

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

## OVLD806

Log report OVLD806 indicates a Flash utilization fault has occurred.

### Format

The format for log report OVLD806 is as follows:

```
OVLD 806 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - Flash Utilization Fault
Description: Performance Monitoring - Flash Utilization Over-
loaded Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-Decemb er (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

**Action**

No action required.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## OVLD807

Log report OVLD807 indicates a channel utilization fault has occurred.

### Format

The format for log report OVLD807 is as follows:

```
OVLD 807 APR17 09:31:13 1806 THRESHOLD MG9K PM Fault
Location: 8-co8-Frame000.Shelf2.Slot13
Notification Id: 952
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 17 09:31:13 2003
Component Id: Card.frame0.shelf2.slot11.OC3
Specific Problem: PM Fault - Channel Utilization Fault
Description: Performance Monitoring - Chan Utilization Overloaded
Alarm.
Site Flr RPos Bay_id
Cary 02 H02 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100- 999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
day	String	Identifies the day of the week.
mmmmdd	January-December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000-9999	Year
ssdd	0000-9999	Defines a different sequence number for each log report generated.
event type	TBL, INFO, etc	Trouble, Service Summary, State Change, Information, Threshold and Expert.  Threshold for this log.
event id	String	The Log Title.
NE Number	integer	Number of the NE
NE Name	string	Name of the NE
nnUemgEventTime	DateandTime	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
Description	string	Threshold Crossed.

## **Action**

No action required.

## **Associated OM registers**

This log report has no associated OM registers.

## **Additional information**

This log report requires no additional information.

## OVLD808

Log report OVLD808 indicates an external messaging link has closed and cannot send or receive a message.

### Format

The format for log report OVLD808 is as follows:

```
***OVLD808 Mar08 11:56:14 1052 CRIT TBL MG9K PMFault
  Location: 8-co8-Frame000.Shelf2.Slot4
  Notification Id: 832
  State: not acknowledged
  Category: Quality-Of-Service Alarm
  Cause: Performance Degraded
  Time: Thu Jan 01 04:53:18 EST 1970
  Component Id: Card.Frame0.Shelf2.slot4.ABI
  Specific Problem: ABI SCTP - ABI SCTP Message link: failed
  Description: <message text>
  Site Flr EPos bay_id
  Cary 03 H03 MG9F 012
```

### Selected field descriptions

This log report has no selected fields.

The following table explains selected fields in the log report:

Field	Value	Description
Event type	Info,TBL, etc...	Describes event type.
Event id	String	Name of the log.
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	Number	Alarm Id
State	String	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	String	Indicates type of fault. In this case, it will be "NorNodeFault"
Cause	String	Cause of failure: In this case, it will be Equipment Malfunction.

Field	Value	Description
Time	String	Date/Time indicating when the condition occurred.
Component Id	String	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault.
Description	String	Provides specific text for the fault (as provided by the MG 9000).

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## OVLD809

Log report OVLD809 indicates a message loss is high enough that the message link is in a degraded service state. For ABI, this would mean that some calls are failing and perhaps maintenance action are failing (such as, static data download).

### Format

The format for log report OVLD809 is as follows:

```
**OVLD809 Mar08 11:56:14 1052 MAJOR TBL MG9K PMFault
  Location: 8-co8-Frame000.Shelf2.Slot4
  Notification Id: 830
  State: not acknowledged
  Category: Quality-Of-Service Alarm
  Cause: Performance Degraded
  Time: Thu Jan 01 04:53:18 EST 1970
  Component Id: Card.Frame0.Shelf2.slot4.ABI
  Specific Problem: ABI SCTP - ABI SCTP Message link: Severe
  degraded
  Description: <message text>
  Site Flr EPos bay_id
  Cary 03 H03 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Event type	Info, TBL, etc...	Describes event type.
Event id	String	Name of the log.
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	Number	Alarm Id
State	String	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	String	Indicates type of fault. In this case, it will be iNorNodeFaulti
Cause	String	Cause of failure: In this case, it will be Equipment Malfunction.

Field	Value	Description
Time	String	Date/Time indicating when the condition occurred.
Component Id	String	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault.
Description	String	Provides specific text for the fault (as provided by the MG 9000).

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## OVLD810

Log report OVLD810 indicates that message retransmissions are high enough that the system is starting to see performance degradation. Potentially, this could mean increased latency, reduced messaging through the system, buffer overflows, and perhaps heading toward congestion.

### Format

The format for log report OVLD810 is as follows:

```
* OVLD810 Mar08 11:56:14 1052 MINOR TBL MG9K PMFault
  Location: 8-co8-Frame000.Shelf2.Slot4
  Notification Id: 834
  State: not acknowledged
  Category: Quality-Of-Service Alarm
  Cause: Performance Degraded
  Time: Thu Jan 01 04:53:18 EST 1970
  Component Id: Card.Frame0.Shelf2.slot4.ABI
  Specific Problem: ABI SCTP - ABI SCTP Message link:
  degraded
  Description:.<message text>
  Site Flr EPos bay_id
  Cary 03 H03 MG9F 012
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Event type	Info, TBL, etc...	Describes event type.
Event id	String	Name of the log.
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	Number	Alarm Id
State	String	Indicates state of alarm. Can be one of {not acknowledged, acknowledged, cleared}
Category	String	Indicates type of fault. In this case, it will be "NorNodeFault"

Field	Value	Description
Cause	String	Cause of failure: In this case, it will be Equipment Malfunction.
Time	String	Date/Time indicating when the condition occurred.
Component Id	String	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault .
Description	String	Provides specific text for the fault (as provided by the MG 9000).

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF301

---

Log report SHLF301 indicates a SIC talk battery A alarm occurs.

### Format

The format for log report SHLF301 is as follows:

```
MSH10_I06BR *** SHLF301 JUN2 13:43:13 6924 TBL MG9K NorShelfFault
Location: 2-HS9K-Frame000.Shelf0.Slot01.Card2
Notification Id: 57745
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 02 13:43:13 2003
Component Id: Card.frame0.shelf0.slot1.SIC
Specific Problem: NorShelfFault - SIC Talk Battery A
Description: SIC Talk Battery A
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated shelf's talk battery connections, feeds, or fuses and replace any blown fuse and/or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF302

---

Log report SHLF302 indicates a SIC talk battery B alarm occurs.

### Format

The format for log report SHLF302 is as follows:

```
MSH10_I06BR *** SHLF302 JUN2 13:45:41 7004 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.Shelf1.Slot01.Card2
Notification Id: 57765
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 02 13:45:41 2003
Component Id: Card.frame0.shelf1.slot1.SIC
Specific Problem: NorShelfFault - SIC Talk Battery B
Description: SIC Talk Battery B
Site   Flr   RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated shelf's talk battery connections, feeds, or fuses and replace any blown fuse and/or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF303

---

Log report SHLF303 indicates a SIC signal battery A alarm occurs.

### Format

The format for log report SHLF303 is as follows:

```
MSH10_I06BR  ** SHLF303  JUN2 11:20:57 5289 TBL  MG9K NorShelfFault
Location: 1-RM9K-Frame000.Shelf1.Slot01.Card2
Notification Id: 57621
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 02 11:20:57 2003
Component Id: Card.frame0.shelf1.slot1.SIC
Specific Problem: NorShelfFault - SIC Signal Battery A
Description: SIC Signal Battery A
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated shelf's talk/signal battery connection feeds or fuses and replace any blown fuse or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF304

---

Log report SHLF304 indicates a SIC signal battery B alarm occurs.

### Format

The format for log report SHLF304 is as follows:

```
MSH10_I06BR ** SHLF304 JUN2 11:28:17 5345 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.Shelf1.Slot01.Card2
  Notification Id: 57631
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 02 11:28:17 2003
  Component Id: Card.frame0.shelf1.slot1.SIC
  Specific Problem: NorShelfFault - SIC Signal Battery B
  Description: SIC Signal Battery B
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated shelf's talk/signal battery connection feeds or fuses and replace any blown fuse or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF305

---

Log report SHLF305 indicates a SIC signal battery A fuse alarm occurs.

### Format

The format for log report SHLF305 is as follows:

```
MSH10_I06BR  ** SHLF305  JUN2 11:20:57 5291 TBL  MG9K NorShelfFault
Location: 1-RM9K-Frame000.Shelf1.Slot01.Card2
Notification Id: 57622
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 02 11:20:57 2003
Component Id: Card.frame0.shelf1.slot1.SIC
Specific Problem: NorShelfFault - SIC Signal Battery A Fuse
Description: SIC Signal Battery A Fuse
Site   Flr   RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated shelf's talk/signal battery connection feeds or fuses and replace any blown fuse or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF306

---

Log report SHLF306 indicates a SIC signal battery B fuse alarm occurs.

### Format

The format for log report SHLF306 is as follows:

```
MSH10_I06BR  ** SHLF306  JUN2 11:28:17 5347 TBL  MG9K NorShelfFault
Location: 1-RM9K-Frame000.Shelf1.Slot01.Card2
Notification Id: 57632
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 02 11:28:17 2003
Component Id: Card.frame0.shelf1.slot1.SIC
Specific Problem: NorShelfFault - SIC Signal Battery B Fuse
Description: SIC Signal Battery B Fuse
Site   Flr   RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated shelf's talk/signal battery connection feeds or fuses and replace any blown fuse or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF307

---

Log report SHLF307 indicates a SIC shelf fail LED alarm occurs.

### Format

The format for log report SHLF307 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Check the alarm browser for cause.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF308

---

Log report SHLF308 indicates an IBIP signal battery A alarm occurs.

### Format

The format for log report SHLF308 is as follows:

```
RTPU05BK  ** SHLF308 JUN18 10:16:55 7622 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 64783
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:16:55 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Signal Battery A
Description: BIP Signal Battery Feed A1
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated frame's signal battery connections/feeds or fuses and replace any blown fuse and/or tighten any connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF309

---

Log report SHLF309 indicates an IBIP signal battery B alarm occurs.

### Format

The format for log report SHLF309 is as follows:

```
RTPU05BK  ** SHLF309 JUN18 10:18:02 7661 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 64793
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:18:02 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Signal Battery B
Description: BIP Signal Battery Feed A2
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated frame's signal battery connections/feeds or fuses and replace any blown fuse and/or tighten any connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF310

---

Log report SHLF310 indicates an IBIP signal battery C alarm occurs.

### Format

The format for log report SHLF310 is as follows:

```
RTPU05BK  ** SHLF310 JUN18 10:23:13 7871 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 64836
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:23:13 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Signal Battery C
Description: BIP Signal Battery Feed B1
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated frame's signal battery connections/feeds or fuses and replace any blown fuse and/or tighten any connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF311

---

Log report SHLF311 indicates an IBIP signal battery D alarm occurs.

### Format

The format for log report SHLF311 is as follows:

```
RTPU05BK  ** SHLF311 JUN18 10:48:07 9084 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65033
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:48:07 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Signal Battery D
Description: BIP Signal Battery Feed B2
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated frame's signal battery connections/feeds or fuses and replace any blown fuse and/or tighten any connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF312

---

Log report SHLF312 indicates an IBIP talk battery A alarm occurs.

### Format

The format for log report SHLF312 is as follows:

```
**SHLF312 2756 TBL NorShelfFault
  NE Number: 1 NE Name: RLGHNCCM9000
  Alarm 1-14600
  State: not acknowledged
  Type: Equipment
  Cause: Power Problem
  :NorShelfFault: BIP Talk Battery A Filter Present Fault
  Time: Apr 25 14:58:27:025 2003
  Severity: minor
  Mo: Card.f0.BIP
  Description: BIP Talk Battery Filter A Presence
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace Talk Battery Filter A card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF313

---

Log report SHLF313 indicates an IBIP talk battery B alarm occurs.

### Format

The format for log report SHLF313 is as follows:

```
MSH10_I06BR * SHLF313 JUN2 11:47:24 5570 TBL MG9K NorShelfFault
Location: 2-HS9K-Frame000.BIP
Notification Id: 57650
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 02 11:47:24 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk Battery B Filter Pres-
ence Fault Description: BIP Talk Battery Filter Card B Presence
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace Talk Battery Filter B card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF314

---

Log report SHLF314 indicates an IBIP filter A fail alarm occurs.

### Format

The format for log report SHLF314 is as follows:

```
RTPU05BK * SHLF314 JUN18 10:50:01 9140 TBL MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65046
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:50:01 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk Battery A Filter Fail
Description: BIP Talk Battery Filter Card A Fail
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace Talk Battery Filter B card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF315

---

Log report SHLF315 indicates an IBIP filter B fail alarm occurs.

### Format

The format for log report SHLF315 is as follows:

```
RTPU05BK * SHLF315 JUN18 10:51:02 9200 TBL MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65055
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:51:02 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk Battery B Filter Fail
Description: BIP Talk Battery Filter Card B Fail
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace Talk Battery Filter B card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF316

---

Log report SHLF316 indicates IBIP scan point 1 is activated.

### Format

The format for log report SHLF316 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF317

---

Log report SHLF317 indicates IBIP scan point 2 is activated.

### Format

The format for log report SHLF317 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF318

---

Log report SHLF318 indicates IBIP scan point 3 is activated.

### Format

The format for log report SHLF318 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF319

---

Log report SHLF319 indicates IBIP scan point 4 is activated.

### Format

The format for log report SHLF319 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF320

---

Log report SHLF320 indicates IBIP scan point 5 is activated.

### Format

The format for log report SHLF320 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF321

---

Log report SHLF321 indicates IBIP scan point 6 is activated.

### Format

The format for log report SHLF321 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF322

---

Log report SHLF322 indicates IBIP scan point 7 is activated.

### Format

The format for log report SHLF322 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF323

---

Log report SHLF323 indicates IBIP scan point 8 is activated.

### Format

The format for log report SHLF323 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF324

---

Log report SHLF324 indicates IBIP scan point 9 is activated.

### Format

The format for log report SHLF324 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF325

---

Log report SHLF325 indicates IBIP scan point 10 is activated.

### Format

The format for log report SHLF325 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF326

---

Log report SHLF326 indicates IBIP scan point 11 is activated.

### Format

The format for log report SHLF326 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Customer assignable scan points that are connected to external equipment. Check externally wired equipment based on what is defined for the scan point.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF327

---

Log report SHLF327 indicates a frame power problem, talk battery A1 feed fail.

### Format

The format for log report SHLF327 is as follows:

```
RTPU05BK  ** SHLF327 JUN18 10:52:12 9270 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65069
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:52:12 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk battery A1
Description: BIP Talk Battery A1 Feed Failure
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for fuse failure at the frame or the power distribution cabinet (PDC) Check status of the associated Talk Battery filter card in the frame IBIP. Replace faulty fuse or, if power is available, replace Talk Battery A card. Go to “Replace a dual talk battery filter card in an IBIP” in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF328

---

Log report SHLF328 indicates a frame power problem, talk battery A2 feed fail.

### Format

The format for log report SHLF328 is as follows:

```
RTPU05BK  ** SHLF328 JUN18 10:53:03 9317 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65079
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:53:03 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk battery A2
Description: BIP Talk Battery A2 Feed Failure
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for fuse failure at the frame or the power distribution cabinet (PDC) Check status of the associated Talk Battery filter card in the frame IBIP. Replace faulty fuse or, if power is available, replace Talk Battery A card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF329

---

Log report SHLF329 indicates a frame power problem, B1 Talk Battery power feed failure

### Format

The format for log report SHLF329 is as follows:

```
RTPU05BK  ** SHLF329 JUN18 10:54:02 9401 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65097
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:54:02 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk battery B1
Description: BIP Talk Battery B1 Feed Failure
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for fuse failure at the frame or the power distribution cabinet (PDC). Check status of the associated Talk Battery filter card in the frame IBIP. Replace faulty fuse or, if power is available, replace Talk Battery B card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF330

---

Log report SHLF330 indicates frame power problem, B2 Talk Battery power feed failure

### Format

The format for log report SHLF330 is as follows:

```
RTPU05BK  ** SHLF330 JUN18 10:55:07 9448 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65105
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 10:55:07 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Talk battery B2
Description: BIP Talk Battery B2 Feed Failure
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for fuse failure at the frame or the power distribution cabinet (PDC) Check status of the associated Talk Battery filter card in the frame IBIP. Replace faulty fuse or, if power is available, replace Talk Battery B card. Go to “Replace a dual talk battery filter card in an IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF332

---

Log report SHLF332 indicates an IBIP environmental control unit 0 temperature alarm occurs. This means temperature in the lower half of the frame has reached unacceptable levels.

### Format

The format for log report SHLF332 is as follows:

```
RTPU05BK * SHLF332 JUN18 10:55:56 9478 TBL MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65109
State: not acknowledged
Category: Environmental Alarm
Cause: Temperature Unacceptable
Time: Jun 18 10:55:56 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Environmental Control Unit 0
Temperature
Description: BIP Cooling Unit 0 Temperature
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for a tripped fan breaker, or alarm lights on fan drawer cover indicating a fan failure. Check the fan cable. Replace the cooling unit if a fan failure is evident. Go to the “Replacing a cooling unit” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF333

---

Log report SHLF333 indicates an IBIP environmental control unit 1 temperature alarm occurs. This means the temperature in the upper half of the frame has reached an unacceptable level.

### Format

The format for log report SHLF333 is as follows:

```
RTPU05BK * SHLF333 JUN18 10:57:13 9554 TBL MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65118
State: not acknowledged
Category: Environmental Alarm
Cause: Temperature Unacceptable
Time: Jun 18 10:57:13 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Environmental Control Unit 1
Temperature
Description: BIP Cooling Unit 1 Temperature
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for a tripped fan breaker, or alarm lights on the fan drawer cover indicating a fan failure. Check the fan cable. Replace the cooling unit if fan failure is evident. Go to “Replacing a cooling unit” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF334

---

Log report SHLF334 indicates an IBIP environmental control unit 0 fan alarm occurs. This means there is a frame heating, ventilation, or cooling system problem. A fan cable may be disconnected.

### Format

The format for log report SHLF334 is as follows:

```
RTPU05BK * SHLF334 JUN18 07:38:47 9484 TBL MG9K NorShelfFault
Location: 77-UD7-Frame003.BIP
Notification Id: 63565
State: not acknowledged
Category: Environmental Alarm
Cause: Heating Or Ventilation Or CoolingSystemProblem
Time: Jun 18 07:38:47 2003
Component Id: Card.frame3.BIP
Specific Problem: NorShelfFault - BIP Environmental Control Unit 0
Fan
Description: BIP Cooling Unit 0 Fan
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for a tripped fan breaker, or alarm lights on the fan drawer cover indicating a fan failure. Check the fan cable. Replace the cooling unit if fan failure is evident. Go to the “Replacing a cooling unit” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF335

---

Log report SHLF335 indicates an IBIP environmental control unit 1 fan alarm occurs. This means there is a frame heating, ventilation, or cooling system problem. A fan cable may be disconnected.

### Format

The format for log report SHLF335 is as follows:

```
RTPU05BK * SHLF335 JUN18 07:38:47 9488 TBL MG9K NorShelfFault
Location: 77-UD7-Frame003.BIP
Notification Id: 63566
State: not acknowledged
Category: Environmental Alarm
Cause: Heating Or Ventilation Or CoolingSystemProblem
Time: Jun 18 07:38:47 2003
Component Id: Card.frame3.BIP
Specific Problem: NorShelfFault - BIP Environmental Control Unit 1
Fan
Description: BIP Cooling Unit 1 Fan
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check for a tripped fan breaker, or alarm lights on the fan drawer cover indicating a fan failure. Check the fan cable. Replace the cooling unit if fan failure is evident. Go to “Replacing a cooling unit” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF336

---

Log report SHLF336 indicates an IBIP remote alarm cut off alarm occurs. This means the user has activated the remote alarm cutoff to silence remote alarms.

### Format

The format for log report SHLF336 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF337

---

Log report SHLF337 indicates an IBIP local alarm cut off alarm occurs. This means the user has activated the remote alarm cutoff to silence remote alarms.

### Format

The format for log report SHLF337 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF338

---

Log report SHLF338 indicates an IBIP ABS fuse fail alarm occurs. This means there is a frame power problem, possibly a blown ABS fuse.

### Format

The format for log report SHLF338 is as follows:

```
RTPU05BK  ** SHLF338 JUN18 11:00:24 9809 TBL  MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65189
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 11:00:24 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP ABS Fuse Fail
Description: BIP ABS Fuse Fail
```

### Selected field descriptions

This log report has no selected fields.

### Action

Replace the blown ABS fuse on the face of the IBIP. Refer to the “Replacing a fuse in the IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF339

---

Log report SHLF339 indicates an IBIP ABS battery power supply alarm occurs. This means there is an Alarm battery supply power problem.

### Format

The format for log report SHLF339 is as follows:

```
RTPU05BK *** SHLF339 JUN18 11:01:07 9844 TBL MG9K NorShelfFault
Location: 66-PL_6-Frame000.BIP
Notification Id: 65193
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 18 11:01:07 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP ABS Battery Power Supply
Description: BIP ABS Power Feed Failure
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated frame's ABS battery connections/feeds or any power distribution frame fuses and replace any blown fuse and/or tighten any loose connection.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF341

---

Log report SHLF341 indicates an the IBIP's Current-sense Card A is not present.

### Format

The format for log report SHLF341 is as follows:

```
MSH10_I06BR ** SHLF341 JUN2 13:43:14 6932 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 57751
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jun 02 13:43:14 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Current Sensor A Presence
Description: BIP Current Sense Card A Presence
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Verify the presence of the associated Current Sense A card in the frame IBIP. Replace the Current Sense Card. Go to "Replace a current sensor card in an IBIP" procedure in *MG 9000 Fault Management* If the alarm persists, replace the Alarm Processor Card. Go to "Replace an alarm processor card in an IBIP" procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF342

---

Log report SHLF342 indicates that the IBIP's Current-sense Card B is not present.

### Format

The format for log report SHLF342 is as follows:

```
MSH10_I06BR  ** SHLF342  JUN2 13:45:41 7011 TBL  MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 57769
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jun 02 13:45:41 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Current Sensor B Presence
Description: BIP Current Sense Card B Presence
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Verify the presence of the associated Current Sense B card in the frame IBIP. Replace the Current Sense Card. Go to "Replace a current sensor card in an IBIP" procedure in *MG 9000 Fault Management*. If the alarm persists, replace the Alarm Processor Card. Go to "Replace an alarm processor card in an IBIP" procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF343

---

Log report SHLF343 indicates the IBIP's Alarm Relay Card is not present.

### Format

The format for log report SHLF343 is as follows:

```
MSH10_I06BR ** SHLF343 JUN2 13:48:19 7392 TBL MG9K NorShelfFault
Location: 2-HS9K-Frame000.BIP
Notification Id: 57787
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jun 02 13:48:19 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Alarm Relay Presence
Description: BIP Alarm Relay Card Presence
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Verify the presence of the Alarm Relay card in the frame IBIP. Replace the Alarm Relay Card. Go to "Replace an alarm relay card in an IBIP" procedure in *MG 9000 Fault Management*. If the alarm persists, replace the Alarm Processor Card. Go to "Replace an alarm processor card in an IBIP" procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF344

---

Log report SHLF344 indicates the current-Sense Card A Shelf 0 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF344 is as follows:

```
MSH10_I06BR * SHLF344 JUN19 17:16:25 3691 TBL MG9K NorShelfFault
  Location: 2-HS9K-Frame000.BIP
  Notification Id: 2593
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 17:16:25 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 0 High
  Threshold
  Description: Current Sense Card A Shelf 0 Above High Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF345

---

Log report SHLF345 indicates the current-Sense Card A Shelf 1 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF345 is as follows:

```
MSH10_I06BR * SHLF345 JUN19 10:29:21 2224 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 1984
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 10:29:21 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 1 High
  Threshold
  Description: Current Sense Card A Shelf 1 Above High Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF346

---

Log report SHLF346 indicates the current-Sense Card A Shelf 2 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF346 is as follows:

```
MSH10_I06BR * SHLF346 JUN20 14:53:24 1275 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 4249
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 20 14:53:24 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 2 High
  Threshold
  Description: Current Sense Card A Shelf 2 Above High Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF347

---

Log report SHLF347 indicates the current-Sense Card A Shelf 3 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF347 is as follows:

```
MSH10_I06BR * SHLF347 JUN20 15:00:17 1384 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 4266
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 20 15:00:17 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 3 High
  Threshold
  Description: Current Sense Card A Shelf 3 Above High Threshold
  Site   Flr   RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF348

---

Log report SHLF348 indicates the current-Sense Card B Shelf 0 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF348 is as follows:

```
MSH10_I06BR * SHLF348 JUN19 17:17:37 3724 TBL MG9K NorShelfFault
  Location: 2-HS9K-Frame000.BIP
  Notification Id: 2597
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 17:17:37 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 0 High
  Threshold
  Description: Current Sense Card B Shelf 0 Above High Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF349

---

Log report SHLF349 indicates the current-Sense Card B Shelf 1 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF349 is as follows:

```
MSH10_I06BR * SHLF349 JUN19 10:39:30 2479 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 2002
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 10:39:30 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 1 High
  Threshold
  Description: Current Sense Card B Shelf 1 Above High Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF350

---

Log report SHLF350 indicates the current-Sense Card B Shelf 2 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF350 is as follows:

```
MSH10_I06BR * SHLF350 JUN20 14:55:02 1298 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 4254
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 20 14:55:02 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 2 High
  Threshold
  Description: Current Sense Card B Shelf 2 Above High Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF351

---

Log report SHLF351 indicates the current-Sense Card B Shelf 3 high threshold is exceeded. This alarm reports that the associated threshold has exceeded the high current threshold (approximately 11 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF351 is as follows:

```
MSH10_I06BR * SHLF351 JUN20 14:56:24 1333 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 4258
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 20 14:56:24 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 3 High
Threshold
Description: Current Sense Card B Shelf 3 Above High Threshold
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF352

---

Log report SHLF352 indicates current high temperature threshold exceeded. This alarm reports that the associated threshold has exceeded the high temperature threshold (158 ° F).

### Format

The format for log report SHLF352 is as follows:

```
MSH10_I06BR * SHLF352 JUN20 15:08:24 1576 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 4293
State: not acknowledged
Category: Environmental Alarm
Cause: Temperature Unacceptable
Time: Jun 20 15:08:24 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Temperature High Threshold
Description: BIP Temperature Sensor Above High Threshold
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF353

---

Log report SHLF353 indicates the Current-Sense Card A Shelf 0 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF353 is as follows:

```
MSH10_I06BR * SHLF353 JUN19 17:18:45 3738 TBL MG9K NorShelfFault
  Location: 2-HS9K-Frame000.BIP
  Notification Id: 2599
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 17:18:45 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 0 Low
  Threshold
  Description: Current Sense Card A Shelf 0 Above Low Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF354

---

Log report SHLF354 indicates the Current-Sense Card A Shelf 1 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF354 is as follows:

```
MSH10_I06BR * SHLF354 JUN19 10:50:36 2804 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 2018
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 19 10:50:36 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 1 Low
Threshold
Description: Current Sense Card A Shelf 1 Above Low Threshold
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF355

---

Log report SHLF355 indicates the Current-Sense Card A Shelf 2 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF355 is as follows:

```
MSH10_I06BR * SHLF355 JUN20 15:02:01 1428 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 4274
State: not acknowledged
Category: Equipment Alarm
Cause: Power Problem
Time: Jun 20 15:02:01 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 2 Low
Threshold
Description: Current Sense Card A Shelf 2 Above Low Threshold
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF356

---

Log report SHLF356 indicates the Current-Sense Card A Shelf 3 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF356 is as follows:

```
MSH10_I06BR * SHLF356 JUN20 15:03:13 1446 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 4278
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 20 15:03:12 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor A Shelf 3 Low
  Threshold
  Description: Current Sense Card A Shelf 3 Above Low Threshold
  Site   Flr   RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF357

---

Log report SHLF357 indicates the Current-Sense Card B Shelf 0 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF357 is as follows:

```
MSH10_I06BR * SHLF357 JUN19 17:19:48 3770 TBL MG9K NorShelfFault
  Location: 2-HS9K-Frame000.BIP
  Notification Id: 2603
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 17:19:48 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 0 Low
  Threshold
  Description: Current Sense Card B Shelf 0 Above Low Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF358

---

Log report SHLF358 indicates the Current-Sense Card B Shelf 1 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF358 is as follows:

```
MSH10_I06BR * SHLF358 JUN19 10:53:09 2872 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 2022
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 10:53:09 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 1 Low
  Threshold
  Description: Current Sense Card B Shelf 1 Above Low Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF359

---

Log report SHLF359 indicates the Current-Sense Card B Shelf 2 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF359 is as follows:

```
MSH10_I06BR * SHLF359 JUN20 15:03:39 1456 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 4280
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 20 15:03:39 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 2 Low
  Threshold
  Description: Current Sense Card B Shelf 2 Above Low Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF  FFF  FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF360

---

Log report SHLF360 indicates the Current-Sense Card B Shelf 3 Low Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low current threshold (approximately 9 A). The system still initiates current limiting actions, reducing the loop current on a per line basis as needed.

### Format

The format for log report SHLF360 is as follows:

```
MSH10_I06BR * SHLF360 JUN20 15:03:57 1472 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 4282
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 20 15:03:57 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Current Sensor B Shelf 3 Low
  Threshold
  Description: Current Sense Card B Shelf 3 Above Low Threshold
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF361

---

Log report SHLF361 indicates the Current Low Temperature Threshold is exceeded. This alarm reports that the associated threshold has exceeded the low temperature threshold (32 ° F).

### Format

The format for log report SHLF361 is as follows:

```
MSH10_I06BR * SHLF361 JUN20 15:05:22 1501 TBL MG9K NorShelfFault
Location: 1-RM9K-Frame000.BIP
Notification Id: 4286
State: not acknowledged
Category: Environmental Alarm
Cause: Temperature Unacceptable
Time: Jun 20 15:05:22 2003
Component Id: Card.frame0.BIP
Specific Problem: NorShelfFault - BIP Temperature Low Threshold
Description: BIP Temperature Sensor Below Low Threshold
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF362

---

Log report SHLF362 reports the status of the Signal Battery Fuse.

### Format

The format for log report SHLF362 is as follows:

```
MSH10_I06BR ** SHLF362 JUN19 10:54:47 2948 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 2026
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 10:54:47 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Signal Battery Fuse
  Description: BIP Signal Battery Fuse
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated fuse at the frame IBIP. The fuses contain a light emitting diode (LED) which illuminates when the fuse is blown. Replace the faulty fuse to clear the trouble. Refer to “Replacing a fuse in the IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF363

---

Log report SHLF363 indicates the status of Talk Battery A fuse.

### Format

The format for log report SHLF363 is as follows:

```
MSH10_I06BR *** SHLF363 JUN19 10:55:59 3034 TBL  MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 2030
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Power Problem
  Time: Jun 19 10:55:59 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Talk Battery A Fuse
  Description: BIP Talk Battery Fuse
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated fuse at the frame IBIP. The fuses contain a light emitting diode (LED) which illuminates when the fuse is blown. Replace the faulty fuse to clear the trouble. Refer to “Replacing a fuse in the IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF364

---

Log report SHLF364 indicates the status of Talk Battery B fuse.

### Format

The format for log report SHLF364 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated fuse at the frame IBIP. The fuses contain a light emitting diode (LED) which illuminates when the fuse is blown. Replace the faulty fuse to clear the trouble. Refer to “Replacing a fuse in the IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF365

---

Log report SHLF365 indicates the status of cooling unit 0 fuse.

### Format

The format for log report SHLF365 is as follows:

```
MSH10_I06BR * SHLF365 JUN19 11:09:57 3624 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 2052
  State: not acknowledged
  Category: Environmental Alarm
  Cause: Heating Or Ventilation Or CoolingSystemProblem
  Time: Jun 19 11:09:57 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Environmental Control Unit 0
  Fuse
  Description: BIP Cooling Unit 0 Fuse
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated fuse at the frame IBIP. The fuses contain a light emitting diode (LED) which illuminates when the fuse is blown. Replace the faulty fuse to clear the trouble. Refer to “Replacing a fuse in the IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF366

---

Log report SHLF366 indicates the status of cooling unit 1 fuse.

### Format

The format for log report SHLF366 is as follows:

```
MSH10_I06BR * SHLF366 JUN19 11:11:03 3691 TBL MG9K NorShelfFault
  Location: 1-RM9K-Frame000.BIP
  Notification Id: 2056
  State: not acknowledged
  Category: Environmental Alarm
  Cause: Heating Or Ventilation Or CoolingSystemProblem
  Time: Jun 19 11:11:03 2003
  Component Id: Card.frame0.BIP
  Specific Problem: NorShelfFault - BIP Environmental Control Unit 1
  Fuse
  Description: BIP Cooling Unit 1 Fuse
  Site   Flr  RPos  Bay_id
  FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated fuse at the frame IBIP. The fuses contain a light emitting diode (LED) which illuminates when the fuse is blown. Replace the faulty fuse to clear the trouble. Refer to “Replacing a fuse in the IBIP” procedure in *MG 9000 Fault Management*.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF367

---

Log report SHLF367 indicates the status of the End Aisle fuse.

### Format

The format for log report SHLF367 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Check the associated fuse at the frame IBIP. The fuses contain a light emitting diode (LED) which illuminates when the fuse is blown. Replace the faulty fuse to clear the trouble.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF368

---

Log report SHLF368 indicates the BIP Signal Distribution (SD) Point 1 was activated. SD 1 is a customer assignable distribution point which can be used to drive external equipment.

### Format

The format for log report SHLF368 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF369

---

Log report SHLF369 indicates the BIP Signal Distribution (SD) Point 2 was activated. SD 2 is a customer assignable distribution point which can be used to drive external equipment.

### Format

The format for log report SHLF369 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF370

---

Log report SHLF370 indicates the BIP Signal Distribution (SD) Point 3 was activated. SD 3 is a customer assignable distribution point which can be used to drive external equipment.

### Format

The format for log report SHLF370 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF371

---

Log report SHLF371 indicates the BIP Signal Distribution (SD) Point 4 was activated. SD 4 is a customer assignable distribution point which can be used to drive external equipment.

### Format

The format for log report SHLF371 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF372

---

Log report SHLF372 indicates the frame equipment malfunction critical visual indicator is lit.

### Format

The format for log report SHLF372 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF373

---

Log report SHLF373 indicates the frame equipment malfunction major visual indicator is lit.

### Format

The format for log report SHLF373 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF374

---

Log report SHLF374 indicates the frame equipment malfunction minor visual indicator is lit.

### Format

The format for log report SHLF374 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF375

---

Log report SHLF375 indicates the frame equipment malfunction BIP Audible Critical alarm sounds.

### Format

The format for log report SHLF375 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF376

---

Log report SHLF376 indicates the frame equipment malfunction BIP Audible Major alarm sounds.

### Format

The format for log report SHLF376 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF377

---

Log report SHLF377 indicates the frame equipment malfunction BIP Audible Minor alarm sounds.

### Format

The format for log report SHLF377 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF378

---

Log report SHLF378 indicates the BIP Alarm CutOff LED is lit.

### Format

The format for log report SHLF378 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF379

---

Log report SHLF379 indicates the BIP Talk Battery Fail A LED is lit.

### Format

The format for log report SHLF379 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF380

---

Log report SHLF380 indicates the BIP Talk Battery Fail B LED is lit.

### Format

The format for log report SHLF380 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF381

---

Log report SHLF381 indicates a frame visual indicator of a critical equipment malfunction occurred.

### Format

The format for log report SHLF381 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF382

---

Log report SHLF382 indicates a frame visual indicator of a major equipment malfunction occurred.

### Format

The format for log report SHLF382 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF383

---

Log report SHLF383 indicates a frame visual indicator of a minor equipment malfunction occurred.

### Format

The format for log report SHLF383 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF384

---

Log report SHLF384 indicates a visual indication of a heating, ventilation, or cooling system problem as reported by the BIP ECU 0.

### Format

The format for log report SHLF384 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF385

---

Log report SHLF385 indicates a visual indication of a heating, ventilation, or cooling system problem as reported by the BIP ECU 1.

### Format

The format for log report SHLF385 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF386

---

Log report SHLF386 indicates a frame alarm equipment (BIP alarm processor card) malfunction.

### Format

The format for log report SHLF386 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Check all cabling to the IBIP.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF387

---

Log report SHLF387 indicates a visual indicator used to locate the aisle which has the equipment malfunction.

### Format

The format for log report SHLF387 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **SHLF388**

---

Log report SHLF388 indicates a BIP Frame Fail.

### **Format**

The format for log report SHLF388 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## SHLF389

---

Log report SHLF389 indicates presence of BIP's Alarm Relay Card LED.

### Format

The format for log report SHLF389 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF390

---

Log report SHLF390 indicates the status of Current Sense Card A LED.

### Format

The format for log report SHLF390 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SHLF391

---

Log report SHLF391 indicates the status of Current Sense Card B LED.

### Format

The format for log report SHLF391 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF392

---

Log report SHLF392 is generated when a shelf compatibility fault is received from the MG 9000 Manager server.

### Format

The format for log report SHLF392 is as follows:

```
SHLF392 MAR08 04:58:42 8781 TBL MG9K NorShelfFault
  Location: 8-CO8-Frame123.Shelf2
  Notification Id: 125
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Jan 01 03:05:03 1970
  Component Id: Shelf.frame0.shelf2
  Specific Problem: NorShelfFault - Shelf
  Compatibility
  Description: testing
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report clears when a compatible (mate) card is inserted in the empty card slot.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SHLF393

---

Log report SHLF393 is generated when one of the following faults is received from the MG 9000 Manager server:

- card discovery
- card discovery power input/output (I/O) (slot 1)
- card discovery power shelf interface card (SIC) (slot 1)
- card discovery slot 2-21

### Format

The format for log report SHLF393 for a card discovery fault is as follows:

```
SHLF393 MAR08 04:58:42 8781 TBL MG9K NorShelfFault
  Location: 8-CO8-Frame123.Shelf2
  Notification Id: 126
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Jan 01 02:40:06 1970
  Component Id: Shelf.frame0.shelf2
  Specific Problem: NorShelfFault - Card Discovery
  Description: testing
  Site Flr RPos Bay_id
  HOST 00 A0 MG9F 123
```

The format for log report SHLF393 for a card discovery power SIC or power I/O fault is as follows:

```
SHLF393 MAR08 04:36:50 8513 TBL MG9K NorShelfFault
  Location: 8-CO8-Frame123.Shelf2
  Notification Id: 128
  State: not acknowledged
  Category: Equipment Alarm
  Cause: Equipment Malfunction
  Time: Jan 01 02:43:46 1970
  Component Id: Shelf.frame0.shelf2
  Specific Problem: NorShelfFault - Card Discovery
  Power SIC
  Description: testing
  Site Flr RPos Bay_id
  HOST 00 A0 MG9F 123
```

The format for log report SHLF393 for a card discovery slot (2-21) fault is as follows:

```
SHLF393 MAR08 04:36:50 8513 TBL MG9K NorShelfFault
Location: 8-CO8-Frame123.Shelf2
Notification Id: 131
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jan 01 02:43:46 1970
Component Id: Shelf.frame0.shelf2
Specific Problem: NorShelfFault - Card Discovery
Slot 4
Description: testing
Site Flr RPos Bay_id
HOST 00 A0 MG9F 123
```

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report clears when a good card is inserted in the identified slot.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## SHLF501

---

Log report SHLF501 is a catch-all for undefined shelf events.

### Format

The format for log report SHLF501 is as follows:

```
SHLF501 2673 INFO Shelf Trap
  NE Number: 8 NE Name CC08 PhysLoc: 0 1 1 card:2
  norMg5EventTime: Fri Apr 25 14:51:06 EST 2003
  faultType: SICTALKBATTERYA
  faultSeverity: 5
  faultDescrip: SIC Talk Battery A
  faultDefinition: 1
  OperState: Open
```

### Selected field descriptions

This log report has no selected fields.

### Action

The customer should examine the provisioning of the BIP. BIP events should have a priority assigned to generate the appropriate alarm. However, if this generic alarm appears, with no severity assigned, ensure BIP events are properly datafilled.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SNMP600

---

Log report SNMP600 indicates permission to generate authenticationFailure traps.

### Format

The format for log report SNMP600 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## SNMP601

---

Log report SNMP601 indicates the SNMP entity is reinitializing itself and its configuration may have been altered.

### Format

The format for log report SNMP601 is as follows:

```
RTPU05BK      SNMP601 JUN17 14:12:41 6448 INFO MG9K Cold Start Trap
NE Number: 66 NE Name: PL_6
Description: ColdStart received, configuration may be altered
Time:      Tue Jun 17 14:12:40 EDT 2003
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SWL600

---

Log report SWL600 indicates the SNM and reports the status of the connection.

### Format

The format for log report SWL600 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SWLN301

Log report SWLN301 indicates a line connected to an MG 9000 line card is faulty.

### Format

The format for log report SWLN301 is as follows:

```
NorLineFault
SWLN301 *** Jan12 01:02:40 3409 TBL MG9K NorLineFault
Location: 18-c018-FrameFFF.Shelf3.Slot21.SAAL.p7
Notification Id: 399
State: not acknowledged
Category: equipment
Cause: Equipment Malfunction
Time: Jan 12 01:02:40 1970
Component Id: Card.frame0.shelf3.slot21.SAALp.7
Specific Problem:norLineFault
Description: linefault
DN Affected: 6195210102
Site Fir RPos Bay_id
Cary 02 H02 MG9F012
```

### Selected field descriptions

The following table explains selected fields in the log report.

Field	Value	Description
Event type	Info, TBL, etc...	Describes event type.
Event id	String	Name of the log.
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	Number	Alarm Id
State	String	Indicates state of alarm. Can be one of not acknowledged, acknowledged, or cleared.

Field	Value	Description
Category	String	Indicates type of fault. In this case, it will be "equipment."
Cause	String	Cause of failure: In this case, it is "Equipment Malfunction."
Time	String	Date/Time indicating when the condition occurred.
Component Id	String	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault.
Description	String	Provides specific text for the fault (as provided by the MG 9000).
DN affected	Number or string	Identifies the directory number (DN) of the line circuit associated with the alarm. If there is no associated DN, the field displays "None."  <b>Note:</b> After the line circuit alarm is reported to the Alarm Browser, any subsequent changes to the DN of that particular Line Circuit are not updated in the description part of the Alarm Browser for a line circuit alarm.

### Action

Perform diagnostics on the faulty line card and replace the line card if faulty.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SWLN302

Log report SWLN302 indicates a line connected to an MG 9000 line card has excessive line voltage.

### Format

The format for log report SWLN302 is as follows:

```
MSH10_I06BR * SWLN302 MAY28 10:21:19 1377 TBL MG9K NorLineFault
  Location: 1-RM9K-Frame000.Shelf1.Slot02.Port02
  Notification Id: 84
  State: not acknowledged
  Category: Processing Error Alarm
  Cause: Underlying Resource Unavailable
  Time: May 28 10:21:19 2003
  Component Id: Port.frame0.shelf1.slot2.WL32.port2
  Specific Problem: NorLineFault - Line Protection Fault
  Description: Line Protection HighVoltageError : 0,1,2,2
  DN Affected: 6195210102
  Site Flr RPos Bay_id
  FFFF FF FFF FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report.

Field	Value	Description
Event type	Info, TBL, etc...	Describes event type.
Event id	String	Name of the log.
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	Number	Alarm Id
State	String	Indicates state of alarm. Can be one of not acknowledged, acknowledged, or cleared.
Category	String	Indicates type of fault. In this case, it will be "Processing Error Alarm."
Cause	String	Cause of failure: In this case, it is "Underlying Resource Unavailable."

Field	Value	Description
Time	String	Date/Time indicating when the condition occurred.
Component Id	String	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault .
Description	String	Provides specific text for the fault (as provided by the MG 9000).
DN affected	Number or string	Identifies the directory number (DN) of the line circuit associated with the alarm. If there is no associated DN, the field displays "None."  <b>Note:</b> After the line circuit alarm is reported to the Alarm Browser, any subsequent changes to the DN of that particular Line Circuit are not updated in the description part of the Alarm Browser for a line circuit alarm.

### Action

Remove source of high voltage. Perform diagnostics on the faulty line card and replace the line card if faulty.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## SWLN303

Log report SWLN303 indicates a line connected to an MG 9000 line card is in babble state.

### Format

The format for log report SWLN303 is as follows:

```
MSH10_I06BR * SWLN303 MAY28 10:04:58 1168 TBL MG9K NorLineFault
Location: 1-RM9K-Frame000.Shelf1.Slot02.Port02
Notification Id: 78
State: not acknowledged
Category: Equipment Alarm
Cause: Threshold Crossed
Time: May 28 10:04:58 2003
Component Id: Port.frame0.shelf1.slot2.WL32.port2
Specific Problem: NorLineFault - Line Babble State
Description: Line Babble IdpromError : 0,1,2,2
DN Affected: 6195210102
Site Flr RPos Bay_id
FFFF FF FFF FFFF FFF
```

### Selected field descriptions

The following table explains selected fields in the log report.

Field	Value	Description
Event type	Info, TBL, etc...	Describes event type.
Event id	String	Name of the log.
Location	NE Number-NE Name-Physical Location	Gives the complete location of the origination of the alarm.
Notification Id	Number	Alarm Id
State	String	Indicates state of alarm. Can be one of not acknowledged, acknowledged, or cleared.
Category	String	Indicates type of fault. In this case, it is "Equipment Alarm."
Cause	String	Cause of failure: In this case, it is "Threshold Crossed."

Field	Value	Description
Time	String	Date/Time indicating when the condition occurred.
Component Id	String	Indicates the type of equipment having the fault.
Specific Problem	String	String indicating the specific problem that caused the fault.
Description	String	Provides specific text for the fault (as provided by the MG 9000).
DN affected	Number or string	Identifies the directory number (DN) of the line circuit associated with the alarm. If there is no associated DN, the field displays "None."  <b>Note:</b> OAfter the line circuit alarm is reported to the Alarm Browser, any subsequent changes to the DN of that particular Line Circuit are not updated in the description part of the Alarm Browser for a line circuit alarm.

### Action

Perform diagnostics on the faulty line card and replace the line card if faulty.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## TEST600

---

Log report TEST600 indicates a test has completed for a particular entity.

### Format

The format for log report TEST600 is as follows:

```
TEST600 3211 INFO Test Complete Trap
NE Number: 2 NE Name: RLGHNCCM9002 PhyLoc: 0 3 13
Diagnostic Type: Node Diags
Diagnostic Owner: UE9KMG Element Manager
Diagnostic Result: SUCCESS
Diagnostic Information: Test: DIAG_PASSED
Diagnostic Specifics:
Time of Diagnostic: Tue Apr 29 07:56:44 EDT 2003
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## UPGD600

---

Log report UPGD600 indicates the DCC card version is different than the version of the MG 9000 Manager software. An upgrade or downgrade is needed.

### Format

The format for log report UPGD600 is as follows:

```
RTPU05BK      UPGD600 JUN17 14:38:08 8412 INFO label: MGEM
Upgrade or downgrade needed on NE 407. DCC is at 06ED_2 version and the
subnet is at 06ED_2 version
```

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **UPGD601**

---

Log report UPGD601 indicates an export starts.

### **Format**

The format for log report UPGD601 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **UPGD602**

---

Log report UPGD602 indicates an export completes.

### **Format**

The format for log report UPGD602 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **UPGD603**

---

Log report UPGD603 indicates an import starts.

### **Format**

The format for log report UPGD603 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **UPGD604**

---

Log report UPGD604 indicates an import completes.

### **Format**

The format for log report UPGD604 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **VC301**

---

Log report VC301 indicates an ATM Vcl alarm indication signal fault occurred.

### **Format**

The format for log report VC301 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

For xDSL, determine network element that has PVC cross-connect failure. This log does not apply to private lines over ATM services.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## VC302

---

Log report VC302 indicates an ATM Vcl remote indicator signal fault occurred.

### Format

The format for log report VC302 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

For private lines over ATM services, take down the SVC and reestablish.

For xDSL, determine the network element that has a PVC cross-connect failure.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VC303

---

Log report VC303 indicates a loss of continuity, ATM Vcl fault occurred.

### Format

The format for log report VC303 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Disable the continuity check on this circuit.

For private lines over ATM services, take down the SVC and reestablish the circuit.

For xDSL, determine the network element that has a PVC cross-connection failure.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VC304

---

Log report VC304 indicates an ATM Vcc alarm indication signal fault occurred.

### Format

The format for log report VC304 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

For private lines over ATM services, isolate the DS1 carrier at the far end connection.

For xDSL, determine the network element that has a PVC cross-connect failure.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VC305

---

Log report VC305 indicates an ATM Vcc remote detection indicator fault occurred.

### Format

The format for log report VC305 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

For private lines over ATM services, take down the SVC on this circuit and reestablish the circuit.

For xDSL, determine the network element that has a PVC cross-connect failure.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VC306

---

Log report VC306 indicates a loss of continuity, Vcc fault occurred.

### Format

The format for log report VC306 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Disable continuity and check on this circuit.

For private lines over ATM services, take down the SVC and reestablish the circuit.

For xDSL, determine the network element that has a PVC cross-connect failure.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## VMG300

---

Log report VMG300 indicates communication between the Gateway Controller and the MG 9000 is lost.

### Format

The format for log report VMG300 is as follows:

```
MSH10_I06BE *** VMG300 APR24 15:11:34 1723 TBL MG9K NnMegacoFault
Location: 1-RM9K-Frame000.Shelf2.Slot12
Notification Id: 885
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Apr 24 15:11:34 2003
Component Id: Card.frame0.shelf2.slot12.ITP
Specific Problem: NnMegacoFault - Root Termination status change
Description: Call Processing Out of Service.
Site   Flr  RPos  Bay_id
FFFF  FF   FFF   FFFF FFF
```

### Selected field descriptions

This log report has no selected fields.

### Action

Using the Traceroute or Ping MG 9000 Tool, test the network communication path between the MG 9000 Manager and the MG 9000. Check the OC3 connection at the MG 9000. Check the state of the DCC cards in the MG 9000. Correct any problems found.

Most of the time, this alarm will be raised only for transient situations, and should either be cleared or replaced by a different alarm within 15 seconds. The two exceptions to this are:

- the active card is at SN07 or greater, but the inactive card is on a pre-SN07 software release
- the ITP or ABI pair is on SN07, but the DCC is on a pre-SN07 release

Until the inactive card and DCC are upgraded to SN07 or greater, the active card will raise only the VMG300 fault when the VMG is out of service. To clear this, follow the instructions for the various faults until the alarm is cleared.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## VMG301

---

Log report VMG301 indicates the number of bad calls reached a certain threshold. A QoS alarm was generated.

### Format

The format for log report VMG301 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VMG302

---

Log report VMG302 indicates number of Packets lost reaches a certain threshold. A QoS alarm is generated.

### Format

The format for log report VMG302 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **VMG303**

---

Log report VMG303 indicates IP message jitter reaches a certain threshold. A QoS alarm is generated.

### **Format**

The format for log report VMG303 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## VMG304

---

Log report VMG304 indicates IP message latency reaches a certain threshold. A QoS alarm is generated.

### Format

The format for log report VMG304 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VMG311

---

Log report VMG311 indicates the Application layer framing (ALF) alarm has occurred. VMG311 is output when the MG 9000 is experiencing Megaco retransmissions greater than 50% for a period of 5 minutes or more. This means that over 50% of the messages sent to the GWC are retransmissions of an earlier message.

### Format

The format for log report VMG311 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## VMG312

---

Log report VMG312 indicates a Megaco task alarm has occurred. The task alarm can be raised for any one of or a combination of the following input sources: line card, DSP, GWC, datasync, OAMP, Audits, ESA, ABI DSP, CES, and timers.

### Format

The format for log report VMG312 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## VMG322

Log report VMG322 indicates the VMG administrative state is out of service, meaning call processing is out of service.

### Format

The format for log report VMG322 is as follows:

```
*** VMG322 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
Location: 18-c418_sanity-Frame006.Shelf2.Slot12
Notification Id: 469
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jan 01 19:31:52 1970
Component Id: Card.frame1.shelf2.slot12.ITP
Specific Problem: NnMegacoFault - VMG Admin Status Out Of
Service
Description: Admin State Out Of Service - Call Processing
Out of Service
Site Flr RPos Bay_id
HOST 03 A0 MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.

Field	Value	Description
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert. TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

**Action**

Change the Administrative State of the VMG to In Service by accessing the Switched Lines Services GUI and selecting the Gateway Status Config tab for the selected VMG.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## VMG323

Log report VMG323 indicates the VMG is out of service because the card is locked. Call processing is out of service.

### Format

The format for log report VMG323 is as follows:

```
*** VMG323 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
Location: 18-c418_sanity-Frame006.Shelf2.Slot12
Notification Id: 469
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jan 01 19:31:52 1970
Component Id: Card.frame1.shelf2.slot12.ITP
Specific Problem: NnMegacoFault - Card is Locked
Description: Card Locked - Call Processing Out of
Service.
Site Flr RPos Bay id
HOST 03 A0 MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

**Action**

Unlock the active ITP or ABI card supporting this VMG.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## VMG324

Log report VMG324 indicates the VMG is out of service because the card is disabled.

### Format

The format for log report VMG324 is as follows:

```
*** VMG324 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
Location: 18-c418_sanity-Frame006.Shelf2.Slot12
Notification Id: 469
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jan 01 19:31:52 1970
Component Id: Card.frame1.shelf2.slot12.ITP
Specific Problem: NnMegacoFault - Card is Disabled
Description: Card Disabled - Call Processing Out of
Service.
Site   Flr   RPos   Bay_id
HOST   03    A0     MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.

Field	Value	Description
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert. TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

**Action**

Access the ITP or ABI card view or the Alarm Browser in the MG 9000 Manager to determine the reason for the card being disabled. When the card status becomes enabled, the alarm will clear.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## VMG325

Log report VMG325 indicates the VMG is initializing and call processing is out of service. This alarm is raised at initial VMG creation, while waiting for a reply from the GWC when the VMG Admin status is changed to In Service or as the active ABI/ITP is coming up out of a restart.

### Format

The format for log report VMG325 is as follows:

```
*** VMG325 MAY18 10:44:31 4200 TBL  MG9K NnMegacoFault
    Location: 18-c418_sanity-Frame006.Shelf2.Slot12
    Notification Id: 469
    State: not acknowledged
    Category: Equipment Alarm
    Cause: Equipment Malfunction
    Time: Jan 01 19:31:52 1970
    Component Id: Card.frame1.shelf2.slot12.ITP
    Specific Problem: NnMegacoFault - VMG is Initializing
    Description: VMG Initializing - Call Processing Out of
    Service.
    Site   Flr  RPos  Bay_id
    HOST   03   A0    MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. ***=critical, **=major, *=minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

## Action

There is no clearing procedure for this alarm. During a restart, this alarm is raised for up to 15 minutes. During the first 15 minutes after a restart of an ITP pair, no other out-of-service VMG alarms are raised against the VMG, except the Card Locked and Admin State Out-of-Service faults. If the VMG is still out-of-service 15 minutes after the restart, the alarm will be cleared and replaced by the appropriate VMG fault indicating the fault condition at that time.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## VMG328

Log report VMG328 indicates the VMG is out of service because the line maintenance on the ITP or ABI is not ready to support call processing.

### Format

The format for log report VMG328 is as follows:

```
*** VMG328 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
Location: 18-c418_sanity-Frame006.Shelf2.Slot12
Notification Id: 469
State: not acknowledged
Category: Equipment Alarm
Cause: Equipment Malfunction
Time: Jan 01 19:31:52 1970
Component Id: Card.frame1.shelf2.slot12.ITP
Specific Problem: Specific Problem: NnMegacoFault -
Line Maintenance is not ready
Description: Line Maintenance Not Ready - Call
Processing Out of Service
Site   Flr   RPos   Bay_id
HOST   03   A0     MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA = MGC and nnn = 300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

### Action

If this alarm is raised when the ITP or ABI card is enabled, this is most likely a software error. If the ITP or ABI card is disabled, a Line Maintenance fault is usually raised as well. Locking and unlocking the affected ITP or ABI card may clear this condition.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## VMG329

Log report VMG329 indicates a software error condition on the ITP or ABI card.

### Format

The format for log report VMG329 is as follows:

```
*** VMG329 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
    Location: 18-c418_sanity-Frame006.Shelf2.Slot12
    Notification Id: 469
    State: not acknowledged
    Category: Equipment Alarm
    Cause: Equipment Malfunction
    Time: Jan 01 19:31:52 1970
    Component Id: Card.frame1.shelf2.slot12.ITP
    Specific Problem: NnMegacoFault - Megaco Maintenance is
    not ready
    Description: Megaco Maintenance Not Ready - Call
    Processing Out of Service.
    Site   Flr  RPos  Bay_id
    HOST   03   A0    MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent.
Description	String	

**Action**

Locking and unlocking the card may clear this condition.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## VMG373

Log report VMG373 indicates the VMG is out of service because the Gateway Controller (GWC) is unreachable. Call processing is out of service. This means the GWC is not responding to pings from the ITP or ABI and either the VMG has never reached an Enabled state or ESA capability it is turned on for this VMG.

### Format

The format for log report VMG373 is as follows:

```
*** VMG373 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
    Location: 18-c418_sanity-Frame006.Shelf2.Slot12
    Notification Id: 469
    State: not acknowledged
    Category: Equipment Alarm
    Cause: Equipment Malfunction
    Time: Jan 01 19:31:52 1970
    Component Id: Card.frame1.shelf2.slot12.ITP
    Specific Problem: NnMegacoFault- Ping to reachGWC
    failed
    Description: GWC Unreachable - Call Processing Out of
    Service.
    Site   Flr   RPos   Bay_id
    HOST   03   A0     MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

## Action

Perform the following to clear this alarm:

- If this VMG has never been in service, it could be because an invalid VMG IP address was provisioned. If the address is incorrect, then delete and re-add the VMG with the correct IP address.
- It could be an issue with the network interface or edge router - most likely there will also be a Wanbuilder Heartbeat alarm - resolve the issue with that alarm.
- If there is not a Wanbuilder Heartbeat alarm and Wanbuilder Heartbeat was turned on for the Call Control subnet (ITPs) or ABI subnet (ABIs) then this is likely a network issue. Perform pings/traceroutes to isolate the issue.
- If the active GWC is locked, it will not respond to pings. Verify that the pair of GWC cards is unlocked.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## VMG374

Log report VMG374 indicates the VMG is out of service because there is no reply from the Gateway Controller (GWC), though the GWC is reachable. Call processing is out of service.

### Format

The format for log report VMG374 is as follows:

```
*** VMG374 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
    Location: 18-c418_sanity-Frame006.Shelf2.Slot12
    Notification Id: 469
    State: not acknowledged
    Category: Equipment Alarm
    Cause: Equipment Malfunction
    Time: Jan 01 19:31:52 1970
    Component Id: Card.frame1.shelf2.slot12.ITP
    Specific Problem: NnMegacoFault - GWC did not reply to
    service change
    Description: GWC Reachable But No Reply To Service
    Change - Check LGRP/GWC state - Call Processing Out of
    Service.
    Site   Flr   RPos   Bay_id
    HOST   03   A0     MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

## Action

The GWC is not responding to Megaco messages for this VMG and either the VMG has never reached an Enabled state or ESA capability is not turned on for this VMG. Check the following:

- The LGRP for this VMG is not in a ready state. Check the LGRP state using MAPCI; PM on the Core.
- If this is a VMG for an ABI pair that has never been in service, it could mean that the Core or MG 9000 Manager is provisioned with the incorrect address for this VMG. Correct the VMG IP address in the datafill in the Core or re-provision the VMG with the correct address in the MG 9000 Manager.
- The GWC pair has been set to manual busy or has problems, check the GWC status in CS2000 Management Tools.

## Associated OM registers

This log report has no associated OM registers.

## Additional information

This log report requires no additional information.

## VMG376

Log report VMG376 indicates the VMG is out of service because of a software error in the DCC or ITP card. Call processing is out of service.

### Format

The format for log report VMG376 is as follows:

```
*** VMG376 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
    Location: 18-c418_sanity-Frame006.Shelf2.Slot12
    Notification Id: 469
    State: not acknowledged
    Category: Equipment Alarm
    Cause: Equipment Malfunction
    Time: Jan 01 19:31:52 1970
    Component Id: Card.frame1.shelf2.slot12.ITP
    Specific Problem: NnMegacoFault - AAL1 bearer subsystem
    not ready
    Description: AAL1 Bearer Not Ready - Call Processing Out
    of Service.
    Site   Flr  RPos  Bay_id
    HOST   03   A0    MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

**Action**

Locking and unlocking the ITP, ABI or DCC card(s) involved may clear this alarm.

**Associated OM registers**

This log report has no associated OM registers.

**Additional information**

This log report requires no additional information.

## VMG377

Log report VMG377 indicates the VMG is out of service because the IP bearer subsystem is not ready.

### Format

The format for log report VMG377 is as follows:

```
*** VMG377 MAY18 10:44:31 4200 TBL MG9K NnMegacoFault
    Location: 18-c418_sanity-Frame006.Shelf2.Slot12
    Notification Id: 469
    State: not acknowledged
    Category: Equipment Alarm
    Cause: Equipment Malfunction
    Time: Jan 01 19:31:52 1970
    Component Id: Card.frame1.shelf2.slot12.ITP
    Specific Problem: NnMegacoFault - IP bearer subsystem
    not ready
    Description: IP Bearer Not Ready - Call Processing Out
    of Service.
    Site   Flr   RPos   Bay_id
    HOST   03   A0     MG9F 006
```

### Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Office identification	String	Identifies the switch that generates the log. This field is optional. The maximum length of this field is 12 characters.
Alarm	***, **, *, or blank	Indicates the alarm type of the log report. *** = critical, ** = major, * = minor, blank = no alarms/warning
Threshold	+ or blank	Indicates if a threshold is set for the log report. Plus (+) sign indicates that a threshold was set; if a blank, a threshold was not set.

Field	Value	Description
Report identification	AAAA nnn	Identifies the log subsystem that generates the report. This field uses 2-4 alphabetical characters and the number 100-999 of the log report in this subsystem.  For this log AAAA= MGC and nnn=300.
Day	String	Identifies the day of the week.
mmmmdd	January - December (01-31)	Identifies the month and date the report generates.
hh:mm:ss	00-23 00-59 00-59	Identifies the hour, the minute, and the second the report generates.
Zone	PST, EST, MST, CST, AST	Identifies the time zone.
yyyy	0000 - 9999	Year
ssdd	0000 - 9999	Defines a different sequence number for each log report generated.
Event type	TBL, INFO, etc.	Trouble, Service Summary, State Change, Information, Threshold and Expert.  TBL for this log.
Event id	String	The Log Title.
NE Number	Integer	Number of the NE
NE Name	String	Name of the NE
nnUemgEventTime	Date and Time	The Date and Time the event occurred in the following format: day mmmdd hh:mm:ss zone yyyy
nnUemgAlarmSeverity	String	Warning

Field	Value	Description
MediaGatewayName	String	The name of the Media Gateway control group which found ESA data inconsistent
Description	String	

### Action

This alarm is present because the Call Control Subnet was not provisioned on the DCC card. Go to the LCI and provision the Call Control Subnet. If the Call Control Subnet has been provisioned and this fault does not clear, this is likely a software error. Lock and unlock the affected ITP or ABI card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **VMG600**

---

Log report VMG600 indicates termination data was successfully provisioned in all appropriate areas except for the database.

### **Format**

The format for log report VMG600 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action. The database will be corrected when it becomes available.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## VMG601

---

Log report VMG601 indicates an attempt to correct termination data in the database has passed.

### Format

The format for log report VMG601 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL301**

---

Log report XDSL301 indicates a loss of signal in local modem.

### **Format**

The format for log report XDSL301 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

Generally, this indicates the customer premise equipment (CPE) has been powered off. If a subscriber complains, it may indicate loop impairment or faulty modem. Check the subscriber connection to the modem.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL302

---

Log report XDSL302 indicates a loss of frame in local modem.

### Format

The format for log report XDSL302 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Generally, this indicates the customer premise equipment (CPE) has been powered off. If subscriber a complains, it may indicate loop impairment or faulty modem. Check the subscriber connection to the modem.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL303**

---

Log report XDSL303 indicates a loss of power in ATUC line.

### **Format**

The format for log report XDSL303 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

Reset and/or reseal line card. Check the power supply to the shelf and line card.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL304

---

Log report XDSL304 indicates a loss of link in ATUC line.

### Format

The format for log report XDSL304 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Generally, this indicates the customer premise equipment (CPE) has been powered off. If a subscriber complains, it may indicate loop impairment or faulty modem. Check the subscriber connection to the modem.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL305**

---

Log report XDSL305 indicates a loss of signal in ATUR remote end line.

### **Format**

The format for log report XDSL305 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

Generally, this indicates the customer premise equipment (CPE) has been powered off. If a subscriber complains, it may indicate loop impairment or faulty modem. Check the subscriber connection to the modem.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL306

---

Log report XDSL306 indicates a loss of frame in ATUR remote end line.

### Format

The format for log report XDSL306 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Generally, this indicates the customer premise equipment (CPE) has been powered off. If a subscriber complains, it may indicate loop impairment or faulty modem. Check the subscriber connection to the modem.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL307**

---

Log report XDSL307 indicates a loss of power in ATUR remote end line. This alarm signifies a normal power off condition from the remote modem.

### **Format**

The format for log report XDSL307 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL308

---

Log report XDSL308 indicates a loss of link in ATUR remote end line.

### Format

The format for log report XDSL308 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Generally, this indicates the customer premise equipment (CPE) has been powered off. If a subscriber complains, it may indicate loop impairment or faulty modem. Check the subscriber connection to the modem.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL309**

---

Log report XDSL309 indicates a ATUR remote line is not present.

### **Format**

The format for log report XDSL309 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

If this is a persistent problem, change the provisioning values for the circuit to improve immunity to loop impairments or replace the remote modem or line card.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL310

---

Log report XDSL310 indicates a no clock, indicating a local modem clock failure.

### Format

The format for log report XDSL310 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

If this is a persistent problem, change the provisioning values for the circuit to improve immunity to loop impairments or replace the remote modem or line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## XDSL311

---

Log report XDSL311 indicates a hand shake failure, indicating a protocol error.

### Format

The format for log report XDSL311 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

If this is a persistent problem, change the provisioning values for the circuit to improve immunity to loop impairments or replace the remote modem or line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## XDSL312

---

Log report XDSL312 indicates a link mismatched, which is a configuration error.

### Format

The format for log report XDSL312 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

If this is a persistent problem, change the provisioning values for the circuit to improve immunity to loop impairments or replace the remote modem or line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL313**

---

Log report XDSL313 indicates that VPI is not zero. ATM traffic dropped at WAC - upstream.

### **Format**

The format for log report XDSL313 is as follows:

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

If persistent, reset and/or reseal the line card. If this does not clear the alarm, replace the line card.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL314

---

Log report XDSL314 indicates an ATUC line code initialization failure, which is a loss of sync of ATM cells - upstream.

### Format

The format for log report XDSL314 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

If persistent, reset and/or reseal the line card. If this does not clear the alarm, replace the line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## XDSL315

---

Log report XDSL315 indicates an ATUR line code initialization failure, which is a loss of sync of ATM cells - downstream.

### Format

The format for log report XDSL315 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

If persistent, reset and/or reseal the line card. If this does not clear the alarm, replace the line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## XDSL316

---

Log report XDSL316 indicates a failure in ATUC remote line, which is a local modem critical - not responding, in Kernel mode, download failure or message corrupted.

### Format

The format for log report XDSL316 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

If persistent, reset and/or reseal the line card. If this does not clear the alarm, replace the line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## XDSL317

---

Log report XDSL317 indicates a circuit hardware fault.

### Format

The format for log report XDSL317 is as follows:

### Selected field descriptions

This log report has no selected fields.

### Action

Replace the line card.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## XDSL602

---

Log report XDSL602 reports that the ATURs transmit rate has changed. Applies to rate adaptive digital subscriber line (RADSL) mode only.

### Format

The format for log report XDSL602 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL800**

---

Log report XDSL800 reports that an ATUC loss of framing threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL800 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL801

---

Log report XDSL801 reports that an ATUC loss of signal threshold has been reached for a 15 minute interval.

### Format

The format for log report XDSL801 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

## **XDSL802**

---

Log report XDSL802 reports that an ATUC loss of power threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL802 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **XDSL803**

---

Log report XDSL803 reports that an ATUC errored second threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL803 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **XDSL804**

---

Log report XDSL804 reports that an ATUC loss of link threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL804 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **XDSL805**

---

Log report XDSL805 reports that an ATUR loss of framing threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL805 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **XDSL806**

---

Log report XDSL806 reports that an ATUR loss of signal threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL806 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **XDSL807**

---

Log report XDSL807 reports that an ATUR loss of power threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL807 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

## **XDSL808**

---

Log report XDSL808 reports that an ATUR errored second threshold has been reached for a 15 minute interval.

### **Format**

The format for log report XDSL808 is not available.

### **Selected field descriptions**

This log report has no selected fields.

### **Action**

This log report requires no action.

### **Associated OM registers**

This log report has no associated OM registers.

### **Additional information**

This log report requires no additional information.

---

## XDSL809

---

Log report XDSL809 reports that a DSL interface has exceeded the specified threshold on a given performance measurement, specified by the following nnDSLThresholdNotifyType:

- atufec (1)
- atuccrc (2)
- atucncd (3)
- atucocd (4)
- atuchec (5)
- atuclcd (6)
- aturfec (7)
- aturblockError (8)
- aturncd (9)
- aturocd (10)
- aturhec (11)
- aturlcd (12)

### Format

The format for log report XDSL808 is not available.

### Selected field descriptions

This log report has no selected fields.

### Action

This log report requires no action.

### Associated OM registers

This log report has no associated OM registers.

### Additional information

This log report requires no additional information.

---

## XPKT302

---

The XPKT302 log is generated by a UNI Release/Release Complete message. This message is sent for an established call, with a cause of switched virtual circuit (SVC) failure release, by one of the following peripheral nodes:

- MG 9000 through a Gateway Controller (GWC)
- MG 9000 access bridge interface (ABI)

MG 9000 nodes through a GWC display as logical group names derived from the LGRPINV table. MG 9000 ABI nodes display the name of the DS-512 connected ABI peripheral.

The XPKT301 log reports ATM SVC setup failures for both MG 9000 node types.

### Format

The format for the XPKT302 log report is as follows:

```
MSH10_I06BE      XPKT302 <mmdd hh:mm:ss seq#> INFO UNI Connection Failure
  Location: <NODE_ID>
  Type: <NODE_TYPE>
  Orig Agent: <ORIG_INFO>
  Orig Node: <NODE_TYPE>
  Term Agent: <TERM_INFO>
  Term Node: <NODE_TYPE>
  Called Number: <CALLED_DN>
  CallID: <CALL_ID>
  Cause: <CAUSE_CODE>
  DEBUG: <NIL>
```

## Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
Type	MG9K MG9K-ABI	This field displays the node associated with the failure message.
Orig Agent	CKT/DPT CLLI CIC LEN DN	This field identifies a trunk or line associated originating agent.
Orig Node	MG9K<lgrp> MG9K-ABI<pm>	This field identifies the originating node type.
Term Agent	CKT/DPT CLLI CIC LEN DN	This field identifies a trunk or line associated terminating agent.
Term Node	MG9K<lgrp> MG9K-ABI<pm>	This field identifies the terminating node type.
Called Number	numeric	This field displays the directory number of the affected call.
CallID	numeric	This field displays the DMS Core Call Identifier for the affected call.
Cause	alpha numeric	This field displays the UNI release/release complete cause value and associated text as defined in the Q2931 standard.
DEBUG		Reserved for future use.

### Action

No immediate action is required.

### Associated OM registers

The AL1SVCOM group.

### **Additional information**

This log report requires no additional information.