

Tekelec EAGLE[®] 5
Integrated Signaling System

Release 38.0

Release Notice

909-1320-001 Rev E

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TEKELEC

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Patents

This product is covered by one or more of the following U.S. and foreign patents:

U.S. Patent Numbers:

5,732,213; 5,953,404; 6,115,746; 6,167,129; 6,324,183; 6,327,350; 6,456,845; 6,606,379; 6,639,981; 6,647,113; 6,662,017; 6,735,441; 6,745,041; 6,765,990; 6,795,546; 6,819,932; 6,836,477; 6,839,423; 6,885,872; 6,901,262; 6,914,973; 6,940,866; 6,944,184; 6,954,526; 6,954,794; 6,959,076; 6,965,592; 6,967,956; 6,968,048; 6,970,542; 6,987,781; 6,987,849; 6,990,089; 6,990,347; 6,993,038; 7,002,988; 7,020,707; 7,031,340; 7,035,239; 7,035,387; 7,043,000; 7,043,001; 7,043,002; 7,046,667; 7,050,456; 7,050,562; 7,054,422; 7,068,773; 7,072,678; 7,075,331; 7,079,524; 7,088,728; 7,092,505; 7,108,468; 7,110,780; 7,113,581; 7,113,781; 7,117,411; 7,123,710; 7,127,057; 7,133,420; 7,136,477; 7,139,388; 7,145,875; 7,146,181; 7,155,206; 7,155,243; 7,155,505; 7,155,512; 7,181,194; 7,190,702; 7,190,772; 7,190,959; 7,197,036; 7,206,394; 7,215,748; 7,219,264; 7,222,192; 7,227,927; 7,231,024; 7,242,695; 7,254,391; 7,260,086; 7,260,207; 7,283,969; 7,286,516; 7,286,647; 7,286,839; 7,295,579; 7,299,050; 7,301,910; 7,304,957; 7,318,091; 7,319,857; 7,327,670

Foreign Patent Numbers:

EP1062792; EP1308054; EP1247378; EP1303994; EP1252788; EP1161819; EP1177660; EP1169829; EP1135905; EP1364520; EP1192758; EP1240772; EP1173969; CA2352246

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Introduction

This *EAGLE 5 Integrated Signaling System (ISS) 38.0 Release Notice* has been updated to include EAGLE 5 ISS Maintenance Release 38.0.4. This Release Notice includes known and resolved PRs and GPLs for EAGLE Build 38.0.4-60.50.1.

The *EAGLE 5 ISS 38.0 Release Notice* includes:

- Generic Program Loads for EAGLE 5 ISS 38.0.0, 38.0.1, 38.0.2, 38.0.3, and 38.0.4
- Resolved PRs for EAGLE 5 ISS 38.0.0, 38.0.1, 38.0.2, 38.0.3, and 38.0.4
- Resolved PRs for EPAP 10.0
- Known PRs for EAGLE 5 ISS 38.0
- Known PRs for EPAP 10.0

Release Notices are distributed to customers with a new software release at the time of General Availability (GA) or Limited Availability (LA). EAGLE 38.0 is an GA release. It is built off of EAGLE 5 ISS 37.5.

The Release Notice is available only on the Customer Support site. For each new publication to the web, the revision level of the part number is incremented. The Release Notice can be located under the Recent Release Notices tab by its title or part number; or by its product and release; see also *How to Locate Documentation on the Customer Support Site*.

PR Severity Definitions

The PR sections in this document refer to PR severity levels. Definitions of these levels can be found in the following publication:

GR-929-CORE, *Reliability and Quality Measurements for Telecommunications Systems (RQMS)*, Telcordia, December 1998.

How to Locate Documentation on the Customer Support Site

Access to Tekelec's Customer Support area is restricted to current Tekelec customers. This section describes how to log into the Tekelec Customer Support site and how to locate customer documentation. Viewing these files requires Adobe Acrobat Reader.

- 1 Go to the Tekelec Customer Support login page at <https://support.tekelec.com/index.asp>
- 2 Enter your assigned username and chosen password, then click **Go**.
Or, if you do not have access to the Customer Support site, click **Need an Account?**

Follow the instructions on the screen.

NOTE: After 20 minutes of inactivity, you will be logged off, and you must repeat this step to regain access.

- 3 After successful login, select a product from the Product Support drop-down menu (for example, EAGLE 5 ISS shows all EAGLE products after release 34.0).
- 4 Select a release number from the Product Support Release drop-down menu.
- 5 Locate the appropriate documentation section (i.e., a Feature or Release Notice would be under **Notices**, and user documentation would be under **Manuals**).
- 6 To open the documentation in the same window, double-click the document name. To open the documentation in a new window, right-click the document name and select **Open in New Window**.
- 7 To download the document, right-click the document name and select **Save Target As**.

Generic Program Loads

Table RN-1 on page RN-4 lists the latest Generic Program Loads (GPLs). When multiple builds are listed, GPL versions that changed from the previous build are highlighted.

Table RN-1. GPLs - Builds 38.0.0-60.37.0 through 38.0.4-60.50.1

GPL SYSTEM NAME	VERSION Build 38.0.4-60.50.1	VERSION Build 38.0.3-60.48.1	VERSION Build 38.0.2-60.43.1	VERSION Build 38.0.1-60.41.0	VERSION Build 38.0.0-60.37.0
Date Available	11/30/08	10/31/08	09/05/08	06/27/08	05/30/08
ATMANSI	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
ATMHC	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
ATMITU	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
LBEPM	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
LBBIOS	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLCPLD	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLDIAG	130.8.0	130.8.0	130.8.0	130.8.0	130.8.0
BLDIAG6	130.8.0	130.8.0	130.8.0	130.8.0	130.8.0
BLVXW	130.36.0	130.36.0	130.36.0	130.36.0	130.36.0
BLVXW6	130.36.0	130.36.0	130.36.0	130.36.0	130.36.0
BPDCM	130.45.0	130.45.0	130.29.0	130.29.0	130.29.0
BPHCAP	130.45.0	130.45.0	130.29.0	130.29.0	130.29.0
BPHCAPT	130.45.0	130.45.0	130.29.0	130.29.0	130.29.0
BPHMUX	128.25.0	128.25.0	128.25.0	128.25.0	128.25.0
BPMP	130.45.0	130.45.0	130.29.0	130.29.0	130.29.0
BPMPLT	130.45.0	130.45.0	130.29.0	130.29.0	130.29.0
CCS7ITU	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
CDU	160.47.0	160.47.0	160.42.0	160.41.0	160.37.0
EOAM	130.50.0	130.48.0	130.42.0	130.41.0	130.37.0

Table RN-1. GPLs - Builds 38.0.0-60.37.0 through 38.0.4-60.50.1

GPL SYSTEM NAME	VERSION Build 38.0.4-60.50.1	VERSION Build 38.0.3-60.48.1	VERSION Build 38.0.2-60.43.1	VERSION Build 38.0.1-60.41.0	VERSION Build 38.0.0-60.37.0
Date Available	11/30/08	10/31/08	09/05/08	06/27/08	05/30/08
EROUTE	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
ERTHC	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
GLS	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
HIPR	130.45.0	130.45.0	130.27.0	130.27.0	130.27.0
IMT	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IMTPCI	130.45.0	130.45.0	130.30.0	130.30.0	130.30.0
IPGHC	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPGWI	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPLHC	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPLIM	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPLIMI	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPS	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPSG	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
IPSHC	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
MCP	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
MPLG	160.47.0	160.47.0	160.43.0	160.41.0	160.37.0
PLDPMC1	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
SCCP	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
SCCPHC	130.49.0	130.47.0	130.42.0	130.41.0	130.37.0
STPLAN	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
SLANHC	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
SS7ANSI	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0

Table RN-1. GPLs - Builds 38.0.0-60.37.0 through 38.0.4-60.50.1

GPL SYSTEM NAME	VERSION Build 38.0.4-60.50.1	VERSION Build 38.0.3-60.48.1	VERSION Build 38.0.2-60.43.1	VERSION Build 38.0.1-60.41.0	VERSION Build 38.0.0-60.37.0
Date Available	11/30/08	10/31/08	09/05/08	06/27/08	05/30/08
SS7EPM	130.47.0	130.47.0	130.43.0	130.41.0	130.37.0
SS7GX25	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
SS7HC	130.47.0	130.47.0	130.43.0	130.41.0	130.37.0
SS7IPGW	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0
SS7ML	130.47.0	130.47.0	130.43.0	130.41.0	130.37.0
VCDU	160.47.0	160.47.0	160.42.0	160.41.0	160.37.0
VSCCP	130.49.0	130.47.0	130.42.0	130.41.0	130.37.0
VXWSLAN	130.47.0	130.47.0	130.42.0	130.41.0	130.37.0

Resolved PRs

The Resolved PR tables show an impact statement for Severity 1 and 2 PRs as well as for Severity 3 PRs that are associated with a CSR.

Table RN-2 on page RN-7 lists resolved PRs for EAGLE 5 ISS 38.0.4

Table RN-3 on page RN-8 lists resolved PRs for EAGLE 5 ISS 38.0.3

Table RN-4 on page RN-9 lists resolved PRs for EAGLE 5 ISS 38.0.2

Table RN-5 on page RN-11 lists resolved PRs for EAGLE 5 ISS 38.0.1

Table RN-6 on page RN-14 lists resolved PRs for EAGLE 5 ISS 38.0.

Table RN-7 on page RN-23 lists resolved PRs for EPAP 10.0.

NOTE: Resolved PRs are sorted in ascending order by Severity (Sev.), and then by PR number

Table RN-2. EAGLE 5 ISS 38.0.4 Resolved PRs for Build 38.0.4-60.50.1 (11/30/08)

PR #	CSR?	Sev	Title	Customer Impact
134738	Y	2	GPLs are marked as corrupt when using -09 MASP	Customer will see GPL corruption. This is most likely a false alarm. If this occurs it is possible copy-disk and other disk intensive actions could corrupt data.
135132		2	Rel40.0-GMSR:"rtrv-vendid" command boots Active TDM cards with ath_386a.ASM o-bit	Customer can not see data entered in VENDID table.
134690		5	G-Flex MLR Support for GPRS Update Location	

Table RN-3. EAGLE 5 ISS 38.0.3 Resolved PRs for Build 38.0.3-60.48.1 (10/31/08)

PR #	CSR?	Sev	Title	Customer Impact
130472	Y	2	IPSG: M3UA - Ent-slk fails "Multiple links w/in same linkset cannot share an association"	The affected SLK is no longer usable and effectively de-rates the card capacity (since IPSG capacity is based on SLKs).
132585		2	After PR 124704 "EGMS to allow Across Natl/Intl ITU Networks" Mated Appl. Load Sharing is ignored	GSM MAP Screening ignores the Mated Application load sharing.
133022	Y	2	Route status for endpoint associated with SPC isn't updated correctly, causing packets to be discarded	If the IPGW endpoint is associated with an SPC, MSUs will be routed to the IPGW card and discarded, since the inbound side thinks the destination is available but the IPGW card does not have an available connection transmit them to the endpoint.
133559		2	IMTPCI - When card boots up, slot control signals set incorrectly	This causes the loss of BSUs and could be the source of some of the field DDB issues.
134714		2	Unable to delete slk from IPGW card	This could cause the customer to not be able to delete high speed links.
96606		3	SCTP pass command shows hidden characters if run from telnet terminal	
121761		3	EOAM ELF not getting downloaded	
130832	Y	3	Gateway screening is failing CDPA table when changing GTTs.	When making changes to the GTT table (DLT/ENT-GTT), the Eagle passes SCCP based traffic even though it should be blocked by CDPA gateway screening.
132015	Y	3	UAM 0313 reports DPC (005-005-148) prohibit with wrong (non-existent) Link	Customer can't rely on UAM 313 to give accurate linkset data when troubleshooting a network issue.
132056	Y	3	Invalid Link Set Prohibit Alarms UAM 0318 displayed after link is aligned	When reviewing the status of linkset in the EAGLE a false status is presented to the Customer. This leads the customer to believe they need to take action when there is no problem.
132228	Y	3	GTT errors cause EAGLE to generate UAM 527-Gflex abnormal	Customer is pointed to Maint procedures in the Manual that do not resolve their issue due to incorrect alarm reporting/verbage.
132247	Y	3	STP does not accept ent/rtrv-csl commands for IDP setting.	Customers who upgraded their system from release 35 or earlier with skbcm, skts, or insl provisioned in CSL to this release will not be able to provision these list types. They will need to contact TAC for a procedure to be able to recover use of the table.
132619	Y	3	LNP Measurements not sorted properly and data appears to be inconsistent.	The LNP SSP report may contain duplicate entries and the peg counts of those entries may be inaccurate. The report may also contain a few garbage entries. This problem affects the SSP reports of LNP, all of the NP variants (INP, TINP, A-Port, G-Port, etc.), and GSM MAP Screening.

Table RN-3. EAGLE 5 ISS 38.0.3 Resolved PRs for Build 38.0.3-60.48.1 (10/31/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
133266		3	IMT (BP's, IMTPCI and IMTVxWORKS) Design hole in VC alignment	
133322		3	DB goes INCOHERENT after DLT-SLK command is entered for high speed link	
133392		3	SCTP HB ACK ERR ath SCTPUTIL.C line 5965 needs pacing	
133560		3	HIPR - Using the incorrect HW register to determine the active presences of LIM's for routing	
133607		5	IDP Relay Support for CAP v3 IDP-SMS	
133611		5	ANSI support for RANDOM SLS on Incoming Linkset	

Table RN-4. EAGLE 5 ISS 38.0.2 Resolved PRs for Build 38.0.2-60.43.1 (09/05/08)

PR #	CSR?	Sev	Title	Customer Impact
130767		2	MTP Restart UIMs not generated after Full MTP Restart	The IPSP application does not implement the MTP Full Restart procedure, so when an Eagle node is restarting IPSP links do not synchronize network management status with adjacent signaling points. They will self recovery due to other network managnemet but will assume some point codes are allowed until they try to route traffic. This defect applies to IPSP M2PA siganling links only, since MTP Restart is not supported by M3UA links.
130881	Y	2	ENT-SID Does Not Download New True Point Codes to some network cards.	Requires manual reload of the following card/gpl types when updating Eagle SID table via the ENT-SID command. ATMANSI, ATMITU IPLIMx, IPGWx, IPGHC, IPLHC, IPGHC MCP SCCP (SCCP, VSCCP, SCCPHC) GX25

Table RN-4. EAGLE 5 ISS 38.0.2 Resolved PRs for Build 38.0.2-60.43.1 (09/05/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
130931		2	IPSG card obits (timedmsg.c) when far-end is initialized	When 32 signaling links fail simultaneously on an IPSG card, the applicaiton may exhaust its MTP3 timer records and boot. This problem does not occur for simple network scenarios if there are less than 32 signaling links hosted by the card.
131199		2	dact-slk causes E5-ATM to boot	Race condition during changeover that can cause the E5-ATM card to boot.
131378		2	ATH from mdb_mtp around line 1182 on ATMHC	In some cases this could have caused the ATM link to com eup oos-mt-dsblld.
131566		2	ATMHC uses incorrect loopback configuration	Loopback cases would fail to initiate with this card even though they meet standard.
131610		2	15 E5-DSM cards boot during dlt/ent-rte while running GT traffic	Changing the routing that the SCCP cards are using under heavy load could cause the cards to boot.
122198	Y	3	PCR FISU FSN incorrect in PCR	As soon as another MSU is sent then the FSN is updated correctly. This is just a special case of resending MSUs and then receiving an ACK. So, this will not cause the link to go out of service.
130158	Y	3	synchronization issues in RADB and RADBV caused by usage of IP-HOST IP-LNK command on E5SM4G using SCCPHC application	It looks like the card database is successfully updated by a failsafe mechanism after the initial update is missed, but this leaves the transition indicator in the wrong state. That being the case, it should not affect the upgrade. Possible solution to solve this problem and suggested by engineering: TOS4VB_2 solves this problem by providing mutual exclusion between RADB and RADBV.
130313	Y	3	Module meau.c Line 2235 displayed during and after 37.0 to 38.0 upgrade	If a card does not upgrade correctly to release 38.0 there will be ATH error(s) every 5 minutes when MCP nm-link measurements reports are turned on. No known impact on the CONTENT of the nm-link report.
131092		3	IPSG congestion abate procedure controlled by SG-OPTS IPGWABATE option.	
131136	Y	3	Trace "GPORT SRI NACK : Unknown Error 22" issue in the MSU trap	No customer impact as this is not service affecting. Only debug output related.
131635		3	Possible data access contention issues in Measurements subsystem when used with VxWorks protocol code.	

Table RN-5. EAGLE 5 ISS 38.0.1 Resolved PRs for Build 38.0.1-60.41.0 (06/27/08)

PR #	CSR?	Sev	Title	Customer Impact
129549		2	Getting Continuously Obit on E5-IPSM card	This problem causes intermittent reboots on E5-IPSM cards. Remote users logged into the station through the E5-IPSM card will be terminated. Users have to login again to get connectivity with Eagle station.
129722		2	IPSG M3UA messages that are generated on card for transmission or received from the far end are not copied properly.	IPSG M3UA messages that are generated on card for transmission are not always copied to the proper monitored SLK when there is more than 1 SLK provisioned for a single IPSG-M3UA association. The messages are copied to the association's first provisioned SLK whether it is monitored or not. The same applies to messages received at the SG from the far end.
129776		2	IPSG M3UA Link will go into False Link Congestion and will not recover without manual intervention	When traffic to an IPSG M3UA Link exceeds its SLKTPS capacity and the link is removed from service due to False Link Congestion (L3 timer T31), the IPSG-M3UA link may not always recover and be restored to service without manual intervention.
129794		2	IPSG: canc-lpo/ublk-slk command not working on IPSG M3UA slk	canc-lpo /ublk-slk commands aren't effective for IPSG M3UA signaling links. When multiple links are configured on the card, these commands don't always take the link from local processor outage (LPO) status back to ISNR status as expected. When an M3UA signaling link is put in LPO state due to maintenance command activity, manual intervention is required (via act-slk) to bring the link back into service.
129805	Y	2	SCTP association drops because of wrong answer from remote end	SCTP association is aborted if we receive a Heartbeat request on the Primary interface that is marked down. This happens in a typical multi-homed scenario, when we receive a HB Ack on a different interface than the network on which HB req is sent. This problem should not come when interfacing with correct implementation.
129933		2	SLK reports OOS and stops transmitting traffic after inbound congestion duration on IPLIMI	Since Layer 2 and Layer 3 are out of sync, the link is unavailable to handle traffic until a manual de-activation/activation of the link is performed.
129971		2	Inbound congestion causes sctpinbound.c module errors and SLKs to become OOS indefinitely	Impact on the traffic capacity since M2PA or M3UA links on SSEDCEM or E5-ENET will go out of service for an indefinite period. However, a manual restart of the board or affected associations should solve this issue.
130280		2	IPSG: M3UA and M2PA slks went down during STC overload testing	When there is insufficient STC capacity in an Eagle node to support Integrated Monitoring of all monitored links, IPSG-M3UA and IPSG-M2PA signaling links may fail and not return to service until the problem is resolved.

Table RN-5. EAGLE 5 ISS 38.0.1 Resolved PRs for Build 38.0.1-60.41.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
130289		2	IPSG: M2PA Links not broadcasting TFAs or TFPs for ITUI domains	Destination availability status is not communicated to end points connected over IPSG M2PA links if the network management messages are not transferred. This will lead to incorrect routing of messages. Traffic impact would depend upon the specific network configuration, e.g., if we have only the last link available to an end point which is considered up, but the actual status is now down (not communicated by network management message), we could still send some messages to this node although it cannot handle the traffic.
130461		2	IPSG: M3UA SLK goes into OOS on one side of link, but remains IS-NR on the other side	During extended periods of link service state cycling due to congestion, the IPSG M3UA link fails to re-enter service without manual intervention. Hence the link is unavailable to handle traffic until a manual de-activation/activation of the link is performed.
130498		2	Buffer leak in mcbfr_pack_bfr	When the last link in an IPSG-M3UA linkset transitions from IS-NR to OOS, an ATH may be issued resulting in a memory buffer leak in the IPSG software. If this happens repeatedly over an extended period of time, the IPSG card may exhaust its memory buffers and boot.
130511		2	Module MCBFR.C Line 1422 severity 1 trouble seen as links are cancelled on IPSG	None.
130555	Y	2	Every 100th MSU GTT'd has checksum inserted before routing or sending MSU to original LIM card for Class-1 seq	Customer will see critical RTD alarms and MSULOST6 is pegged indicating a discard. The UIM log is constantly receiveing UIM 1355. It is suspected that the end-to-end impact is minimal since the applications are retransmitting discarded MSUs.
130558		2	IPSG: sctpsenders. Line 3777 Class 0001 obit when MTU changes while running traffic	Intermittent impact on the traffic capacity since there would be some possible reboot of IPSG/IPLIM/IPGW cards or IPLIM/M3UA link restarts. UIM related to the boards/links restart should be reported.
130595		2	Invalid Routing Context Received UIM generated unexpectedly	IPSG dynamic configuration data may become out of sync with static (disk) configuration data. This could lead to unexpected/erratic behavior by the IPSG card such as the generation of inconsistent UIMs (Invalid Routing Context UIMs).
130608		2	meassctp.c ATH spewing from IPSG card after setup of MLS configuration	IPSG processing of the association provisioning changes could affect the SIGTRAN measurement. Measurement collection can be partially not functional for associations on which provisioning changes were processed. Workaround is to manually init card to clean up dynamic measurement data so measurements can then be collected.
125538		3	GLS card boots with bndr_mgr.c Line 1488 after init-sys	

Table RN-5. EAGLE 5 ISS 38.0.1 Resolved PRs for Build 38.0.1-60.41.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
128227		3	chg-measopts Command Failure	
128298		3	Telcordia, sigtran meas, P_COMP response NRPRSTRS value is 0 for ENTIDs W/ meas collect off	
128359		3	Telcordia, SIGTRAN SEAS meas, Registers reporting incorrect link type	
128772	Y	3	Measurement discrepancy for links using PCR on E5 E1T1 card running E1 links.	Customer cannot determine actual link utilization because the EAGLE is counting duplicate MSUs in the PCR.
129827		3	IPSG: M3UA SNM messages not broadcasted on all the SLKs in a IPSG M3UA linkset with BEI=no	
129969		3	IPSG: Combined linksets not working properly with MinASP	
129998		3	Msucount Association discard peg needs to be updated if transmit queue becomes full for IPGW	
130071		3	PROT: ent-trace can truncate Info line	
130204		3	IPSG: UAM 230 "local blocked thermal for the SLKs assigned to the E5-ENET" not produced once card reaches critical temp	
130232		3	EAGLE not sending error message for invalid RC on a ASP ACTIVE with multiple RCs	
130310		3	all telnet terminals manually inhibited after 37.0 to 38.0 upgrade	
130339		3	ss7 map overlap : remove the eccd_isup & dcd_isup files from ss7 filelist.	
130343		3	IPSG-M3UA allows mixed link types within M3UA linkset	
130386	Y	3	After Upgrade to REL 38.0.0-60.37.0, EAGLE generates "UAM 571 - Sentinel Socket is Inactive" for a link that is not monitored	Customer's system will have a large amount of unnecessary alarms in rept-stat-trbl if they choose to only monitor a small subset of their provisioned links on their system. A workaround is to configure all links on the IMF to activate the socket but if the Customer did not purchase enough hardware to cover all links in the EAGLE this is not a possibility.

Table RN-5. EAGLE 5 ISS 38.0.1 Resolved PRs for Build 38.0.1-60.41.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
130411		3	Links go Remote OOS for 10 minutes when MTU=1492, Large BICC Messages, and delay of 200ms	
130617		3	Sev 1 ATH when connecting IPSP M2PA to IPSP M3UA	
130762		3	DURASNEST sctpasoc Measurement not started after IPSPx/IPIMx/IPSP card boots if assoc is open =yes	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08)

PR #	CSR?	Sev	Title	Customer Impact
120971		2	TINP - When IAMACT=RELAY an MSU >=258 bytes is discarded	This is a ACTION=RELAY problem. ACTION=RELEASE is not affected by this bug.
121160		2	E5-SM4G Cards Boot with ATH_VXW.C Obit	Very infrequently when an E5-SM4G card is warm booted it may cold boot with a WD2 obit. This will cause the card to come back online in 3:16 on average.
125229	Y	2	Additional action must be taken when SS7 messages destined to a particular card are returned	When a LIM card fails such that it can't communicate over the IMT bus with one or more other LIM cards, yet the failed card remains on the IMT bus, then the system will not generate a PMTC Disconnect event. If the PMTC Disconnect event is not generated, then the LIM cards will keep the link state for the failed LIM card as active and continue to attempt to route messages to the card. Since the messages are undeliverable, they will eventually be silently discarded and result in traffic loss.
125231	Y	2	IMT Bus Integrity Check Does Not Include Data Validation	If a card develops a stuck data bit, it is possible that it may lose the ability to communicate with some or all of the other cards in the system, yet maintain enough functionality that it remains on the IMT bus. In this case, the system is not able to detect that the card is unable to communicate with other cards and is corrupting traffic.
125767		2	Removal of TDMs causes TKS, TSI_SBFRR Obits on DSM Cards	When a large system loses clock, and then regains clock, there is the potential for DSMs to run out of resources and obit. This was only seen on a system with a large number of high-traffic links that do not fail when the clock is lost, and a large number of links that do fail when the clock is reset. The DSMs will reload.

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
125899		2	SM4G cards obit with ath_vxw_mgr. Line 1598 and ath_vxw_mgr. Line 1659 sev 1 trouble during upgrade	The occurrence of this PR causes the card to boot but not before 5+ minutes of time after an inh-card or init-card command is issued. The card does recover on its own, but such a long delay can cause Upgrades to fail should the PR appear.
125954	Y	2	MSUs larger than 128 bytes result in TBGTTLs.C trouble and default routing when using TCAP MSUKey	This ATH comes from the MSUKey generator = TCAP. TCAP has a known call-flow problem, and is not recommended for general use. MSUKey=MTP is the recommended setup. (Originator uses OrigTxID for BGN and CONT messages. If Originator issues the END message, it will contain only the DstTxID, which can cause the END to be routed differently than the BGN or CONT.)
126203		2	Eagle do not clear CLOSE_WAIT State. and afterthat eagle allow 3 ssh connection	Connection to the system could be affected as resources may not have been freed.
127344		2	IMTPCI - Fault with IMT V0 implementation (lost/duplicated messages)	It is possible for an IMT bus fault to cause packet loss. This requires the system to have a mix of card types including PROM based (non-flash).
127388		2	IMT (Prom Build) - NON-multicast messages ack in the changeover process not processed properly	A bus interruption or restoration (a faults and/or inh/alw commands) can cause 2-port LIMs and other PROM based cards to deliver of bogus messages to other cards. The bogus messages will be handled according to actual content, which could cause undesirable results in the card receiving the message(s).
127485		2	TVG rate of server cards may be set to zero	LIM cards could be denied SCCP, EROUTE or SLAN service when there is still capacity.
127859	Y	2	EAGLE takes down M3UA association when it receives more than 100 DUAD in 5 ms.	M3UA associations will not come up with large number of point codes (100+) accessed from association.
128021	Y	2	MNP with IGM call in Telemig customer generate UIM #1256	Ported-in IS41 subscribers will not be properly processed since SRI-ACK is not generated.
128862	Y	2	GPORT encodes SRI MSISDN with a second "F" when it removes HOMERN from the MSISDN originally ending in "F"	The scenario MSISDN is getting ended with FF after HOMERN removal. The real impact depends on the way the recipient of this modified SRI is handling MSISDN and FF byte. The recipient may read the first F as a digit causing the SRI to be discarded due to no match.
129020	Y	2	DSM boot due to single digit in cpda when running G-port	Without the fix for the problem, if the incoming called party address digits in G-Port are shorter than the Default Country Code or Multi-country code, then the DSM card can reboot while processing the MSU.

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
129304		2	ASP state transitions are not working properly while UAPS HeartBeat is enabled	When an association is terminated due to a heartbeat timeout, if the ASP State is in a state other than "ASP Down", the OAM does not recover and the "ASP State" stays stuck in this state. (Ex: rept-stat-assoc reports "Active"/"Inactive") The only way to recover is to execute "OPEN=NO" to reset the ASP State.
129668	Y	2	IPGW cards rebooting when INIT is received with hostname not provisioned in the IP HOST table	IPGW cards reboot when INIT is received with hostname not provisioned in the IP HOST table.
84118		3	STPOPTS table is not updated in RMS	
103196		3	ISUP gateway screening not calling stop actions for IP7 cards	
107153		3	NTP_ULT.C on ILAs post short NTP outage	
108242	Y	3	SS7 over IP M2PA link (not HSL/ATM). UIM needs updated.	The current class implementation displays SAAL as link CLASS for all the IP7 link types which includes M2PA for IPLIM and M3UA for SS7IPGW for reporting.
111748		3	Module NTP_UTL.C Line 1337 Class 0001 Severity 1 after Init-sys on large system	
112091	Y	3	HCMIM Signaling Link is showing problem to activate	The link doesn't become available until it is removed and configured again.
113110	Y	3	MSUs are timestamped incorrectly for EAGLE Integrated Monitoring Solution	MSUs are not passed to the Integrated Monitoring Solution in the same order they are transmitted and received. This impairs the ability to monitor MSUs in the correct order. Additionally, this also impairs the products downstream from being able to accurately correlate CDRs.
113551		3	IPLIM card generating Module iplim_m2pa_s severity 1 messages when far end fails the link	
113837		3	DISP-TRACE command does not display all entered traces.	
114677		3	Possibility of lost message with IMT card detect (lost msg could eq DB corruption)	
114740		3	Module iplim_m2pa_s Line 1163 and Line 2504 Class 0001 reported during upgrade phase 3	
114900		3	Peg for NETSTAT -p SCTP commend - # of order chunk received and # of unorder chunk receive is wrong	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
115038		3	undefined msg: E4365	
115319		3	SCCP Loop Detection - Telcordia - chg-loopset allows duplicate point code to be entered	
116125	Y	3	UIMs not generated when Sentinel Sockets are going down	Customer is not informed that a Sentinel Socket has changed state unless the are using the rept-stat-card command monitoring the socket state. Current a SEV 2 Debug ATH is generated but a UAM/UIM is not displayed.
116306		3	ARICENTPV_PPSMS_REL37.0 : Trace not received at EAGLE when cmd ENT-TRACE:DN=<DN>:ENTITYID=<ENTITYID>:CARD=VSCCP-ALL is given	
116499		3	EIR is not counted as an MPS-required feature when enabling other MPS-required features	
116617		3	SIO is not reported in a consistent manner across UIMs (hex vs decimal).	
116910		3	SCCP Loop Detection - Telcordia - gta parameter ignore if loopset parameter specified in rtrv-gta	
116912		3	SCCP Loop Detection - Telcordia - chg-trm:gtt=no does not stop the SCCP Loop detection UIMs	
117553		3	rept-stat-iptps:lsn=ls00xyz reports data for inhibited cards	
117906		3	rtrv-map and rtrv-tbl-capacity commands show different table sizes for MAP.	
118734		3	ERROR CODE=No Error Received - presented by Eagle for unknown M3UA error	
119132		3	UA LOG is not outputting RC correctly for Act Acks/Inact Acks when rec Act has no RC	
119371		3	TINP - During incremental upgrade, DMS0002 table not found	
119494		3	Hitting F7 on a telnet terminal with high broadcast traffic causes IPSM to boot	
119517		3	IPLIM M2PA incorrectly updates SLK ACK sent timestamp for LS msgs that are not ACKs	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
119923		3	IDP Screening for Prepaid feature is missing from Feature Manual - INP	
120020		3	AR_DEV_37_6: Misleading error when trying to change Service in Service selector table.	
120067		3	AR_DEV_37_6: Inconsistent checks in ent and dlt-ss-appl	
120068		3	AR_DEV_37_6: rtrv-srvsel shows misleading error strings	
120069		3	AR_DEV_37_6: No check for ANSIGFLEX in GPORT, APORT provisioning rules verification	
120070		3	AR_DEV_37_6: Ambiguous error issued in LNP provisioning rules verification	
120071		3	AR_DEV_37_6: Missing checks in GPORT provisioning rules for maximum SCCP cards supported.	
120489	Y	3	Older versions of assemblies no longer referenced in documentation	May cause customer to believe cards must be replaced because they are no longer supported when they are in fact still supported.
120596		3	Changes to UAM 0084 - IP Connection Unavailable in Customer Documentation	
120767	Y	3	After upg to rel. 34.0.7, receiving SCCP Alarms 0453, Exceeded level-2 threshold	Customer's NOC center receives thousands of these critical alarms, and cannot determine what is causing the failures.
120973		3	Autonegotiation problems on card boot with E5-ENET	
121931	Y	3	Eagle measurement reports incorrect OCTTRAN	Link measurements register OCTTRAN and MSUOCTRN will have erroneous counts for M2PA and IPGW links.
122420	Y	3	User timeout/logout from IP term during long rtrv/rept-stat command	During long rtrv- or rept-stat- commands, the user is logged out on IP terminals even when there is a process running and the terminal/user is not idle.
122594		3	RTRV-MAP command displalys parameters pertaining to WGTTLs feature in the .csv file when the same is OFF.	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
123506		3	Set local processor outage during aligned status. In the proving status, when canc-lpo, eagle still sends LPO, not LSR	
123947	Y	3	With command chg-secu-dflt is not possible to remove a line previously set.	Can not remove lines after the Warning Message by using wrntx=""
124127		3	scm_sai.c ATH when provisioning a time-based alarm inhibit on dev=as	
124159		3	Module rm_rte.c Line 1118 Class 01c3 seen during warm restart of SM4G cards	
124168		3	The Eagle doesn't generate an ACK for data received during the far end's PO.	
124225		3	Bad data in ddl crossload request can boot in-service card.	
124371	Y	3	Customer wants detailed documentation on access IPSM from Windows and Unix.	Customer docs for setting up SSH connections via PuTTY need to add the SSH commands and Unix setup procedures.
124617		3	Incorporate SSHield patch TF1-SSH-VX-SRC-PATCH-2-0-0-001-i006 for vxworks 6x.	
124710	Y	3	FTRA - Specified MRN set is not found	Unable to run certain gtt provisioning commands from FTRA. The customer could then run them from the Eagle.
125100	Y	3	RTRV-GTA command should have MRNSET as an option	There is not an option in the RTRV-GTA command to specify MRNSET, even though you can specify MAPSET and the MRNSET option is available in the commands ENT-GTA and CHG-GTA.
125415		3	Card 1113 Module DBCDIS41.C Line 455 Class 0001 Severity 1	
125796		3	Aricent-Dev: disp-trace command displays only 9 outstanding request although there are 10 request pending in the system.	
125815		3	Card 1115 Module uias_cmd.c Line 534 Class 01d0 Severity 1	
125819		3	Telcordia - SOIP - Eagle sent an unexpected REPT-FLOW-THRU with trm set to all=no:seas=yes	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
125859		3	ss7_mgr.c Line 1157 Class 0240 Severity 1 received on IPLIMI & IPLG carrying large BICC traffic	
125898		3	PPC : Physical loopback is not working in case of Proxy Links	
125967	Y	3	UIM1189-SCCP did not route: DPC not in RTE table does not map to a SEAS alarm	The new Alarm (UAM 1189) does not map to a SEAS equivalent alarm and the customer's NetPilot (TSNAM) is unable to generate alarm report on this type of error as it previously did.
126081	Y	3	E5-ENET card provides a login prompt when user telnets to cards ip address	The Customer's EAGLE E5-ENET card is vulnerable to telnet access unless port 23 is closed. When connecting to other vendor networks via Sigtran their E5-ENET cards are vulnerable.
126204		3	netstat output does not display all 5 digits of the port number	
126247		3	REPT-STAT-EROUTE display output is incorrect when EISCOPY function is in copy/deactivate mode	
126259		3	disp-mem does not work on SM4G cards for addresses higher than 512 MB	
126587		3	Max carl limit not correct for ATMITU application	
126636		3	Memory leak if attempting to retrieve gserv table while GPort FAK not enabled	
126652	Y	3	As per the document it is not possible to remove a SPC using the command chg-dstn:dpcn=xxxxx:spc=none	Not possible to remove a SPCN using chg-dstn:dpcn=xxxxx:spc=none
126798	Y	3	EAGLE OA&M allows the user to use the ent-rtx with a cluster specified as the DPC.	The EAGLE is allowing the customer to enter functionality into the EAGLE which it does not support.
126814		3	Flash-card command: flash image order may be causing field issue with HC-MIM cards.	
127387		3	ent-trace for gt uses message digit length, not command digit length for comparison	
127461		3	ent-trace on GTA uses wrong length for finding match	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
127602	Y	3	ent-ls w/ bei=no gives GWS error message	Command ent-ls does not allow parameter bei to be set. The work-around is to use the change command to modify parameter bei, after having used ent-ls to initially define the linkset name.
128014	Y	3	Parameter missing from commands manual	Customer does not know how to provision parameter on EAGLE.
128140	Y	3	TBGTTLS MTP MSUKEY redistribution is unbalanced when a node of the MRNSET is failed	The improper balance of traffic could lead to some of the remaining nodes UP of the MRNSET congested.
128166	Y	3	Command Error 4477 Cmd Rej; Terminal cannot be changed to type SEAS	Customer would not have a recovery procedure if the MTT was generated.
128503		3	IMTPCI - LVL1 status are showing MSU retransmissions on good busses	
128547		3	HIPR causes IMT MSU Retransmissions above 45C ambient temperatures	
128980	Y	3	DDB checksum inconsistent due to Dynamic Flag full_restart_txr_sent	No impact on traffic. Only affects TAC's troubleshooting commands.
129000		3	User documentation to correct for GWS	
129052		3	Dynamic Database mismatch on RTE	
129591	Y	3	Incorrect handling ITU TCAP Dialog Portions with Indefinite Form Length	MSUs with ITU TCAP with Dialog portion in indefinite form will not be decoded correctly - OpCode won't be retrieved from the MSU. This is a limitation on the GSM MAP screening.
90160		5	Remove obsolete EDDBA GPLs	
90166		5	* E5-ATM	
103165		5	Remove GR-376 and EMAP from product line	
110045		5	rept-stat-imt - does properly reflect that the BUS is 100% available	
115273		5	Advanced GT Modification (fka Calling Party Modification)	
115354		5	96M Database on E5-SM4G Card	
117875		5	* MT-based GSM SMS NP and MT Based GSM MMS NP features	
117876		5	* MT-based IS41 SMS NP	

Table RN-6. EAGLE 5 ISS 38.0 Resolved PRs for Build 38.0.0-60.37.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
118123		5	* Support for two links on E5-ATM assembly	
118505		5	* G-Flex MAP Layer Routing	
120767	Y	5	After upg to rel. 34.0.7, receiving SCCP Alarms 0453, Exceeded level-2 threshold	Customers' NOC center is receiving thousands of these critical alarms, and cannot determine what is causing the failures.
123875		5	SCTP event logging not present in Eagle code	
123912		5	Add a task monitoring facility to the BSP	
124700		5	Configurable Digit length for MTP routed IS41 message	
125062		5	New BPCDM version required	
125210		5	disp-mem command needs to be updated to prevent card from booting when an invalid memory address is specified	
125867		5	Modify SRI_SM NACK adn SMSREQ NACK in IGM from Failure to SUCCESS in rept-stat-sccp and mesaurements counts	
125976		5	Enhance obit at sentry.c Line 550	
126336		5	SMS_SRVC sccp msg type not handled	
127290		5	Update Feature Restriction Table	

Table RN-7. EPAP 10.0 Resolved PRs for Build 10.0.0-100.6.0 (06/27/08)

PR #	CSR?	Sev	Title	Customer Impact
110054		2	DSM Cards Stop Taking Updates From ELAP after repeated multiple DSM warm restarts	This issue was seen after running a script to warm restart 12 of 22 DSMs every 15 minutes for several hours. This problem will result in some cards transitioning to an INCONSISTENT state and no longer taking updates from the ELAP. However, SCCP processing will still take place After checking to ensure normal provisioning is taking place on the ELAP system, a warm restart is needed to return the DSM to normal status and database level. If the DSM does not return to normal, a cold restart must be performed in a maintenance window. Contact Tekelec Customer Service if the DSM does not return to normal.
124964		2	EPAP stops updating SM4Gs, will not load cards. prov sends no data	The error will cause in vscpp cards not receiving provisioning updates.
125028		2	socket connection between rtdb and prov down, does not restart, SM4Gs will not load or update	This error can result in the dsm cards not receiving provisioning updates.
125808	Y	2	PDB EIR commands exceeding 255 characters causes database replication issue.	Standby PDB stops taking updates and a restore is required.
74329		3	"Import PDB in progress" alarm did not clear after import finished.	
104986		3	verifyMM should remain down on both sides while upgrade is occurring	
114542		3	Duplicate RTDB connections to PDB after lab network power failure	
120364	Y	3	DSMs did not update when active RTDB was switched - Fatal application error	Newly provisioned numbers are not recieved by the DSM RTDBs.
120399	Y	3	Localhost changed to the Backup Prov IP address	After customer upgraded to EPAP 7.0 issues were encountered with trying to connect to mysql.
120728		3	Restore PDB displays "completed successful" when the free directory doesn't have enough space.	
123694	Y	3	EPAP: Write to primary DSM failed, another primary DSM was not selected. On eagle, UAM - 0261 MPS A & B Unavailable	The possibility for this to occur is very small. There has been one known occurrence of it ever. When it does occur, it can be cleared by forcefully switching the active side, or by restarting the software.
124267	Y	3	Can't access "Select Other PDBA" on the GUI in EPAP 9.	Customer is not able to "Select Other PDBA" from the GUI.

Table RN-7. EPAP 10.0 Resolved PRs for Build 10.0.0-100.6.0 (06/27/08) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
126639	Y	3	Can not access GUI after IP Authorization check was enabled	Customer is unable to access GUI.
128141	Y	3	LED alarms do not match Syscheck output.	The visual LED alarms are not indicating proper alarm condition.
115354		5	96M Database on E5-SM4G Card	

Known PRs

Table RN-8 on page RN-25 lists known PRs for EAGLE 5 ISS 38.0.

Table RN-9 on page RN-89 lists known PRs for EPAP 10.0.

NOTE: Known PRs are sorted in ascending order by Severity (Sev), and then by PR number.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08)

PR #	CSR?	Sev	Status	Dispo- sition	Title	Customer Impact
117351		2	Resolved	No-Fix	Telcordia - 35.0 audit - All Messages originally Belonging to Currently Unavailable Links are Unnecessarily Buffered During C	Unnecessarily buffering messages may lead to congestion post the changover or changback. potentially resulting in short term traffic loss
119197		2	Resolved	Defer	MSU loss during CO when mult IPLIM SLKs fail rapidly, MSU arrives for failed non-CO SLK	Some traffic may be lost when multiple high speed links in a linkset fail.
122526		2	ReadyToTest	Active	IPSM SSH tasks end up in SUSPEND state	Under specific error conditions during automated testing, terminal handler tasks in the IPSM code are ending up in the SUSPENDED state, thereby blocking access to the card.
123441	Y	2	Resolved	Defer	DDB corruption due to lost update	Point codes toggle between prohibited and allowed, require INIT-NTWK to resolve. Has occurred at multiple customer sites.
124057		2	Resolved	No-Fix	Traffic loss observed on ATM links when testing link management messages for linksets having different routing costs.	No impact. Software solution implemented and tested
124350		2	Resolved	Defer	Module T4M_INT.C Line 279 trouble seen during INIT-SYS:DATA=PERSIST	The OAM boot results in the duration of the init-sys command being extended. Since init-sys commands are not often done in the field, the system impact is minimal.
124912		2	Pending_Review	Defer	E5-IPSM card showing 9 established connection where as all scripts are stoped	Customer is not able to get into Eagle through IPSM card. Remote system's response states that the connection is closed by remote host.
125152		2	Resolved	Defer	Corrupted Multicast packets (bad H/W) caused DDB inconsistencies requiring init-network	If a hardware or other event occurs that corrupts the IMT, multicasts used to keep the DDB up-to-date can be lost/corrupted, and the DDB will be inconsistent. Depending on the severity of the event, init-network may be required to resync the database.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
125233	Y	2	Resolved	Defer	OA&M does not verify that the system correctly responds to an inh-card command	When a user inhibits a card and it does not respond, there is no indication to the user that the command was not successfully completed. Further, there is no mechanism available to the user to "force" the command to be executed. This leaves an uncontrollable card on the IMT bus disrupting and corrupting traffic.
125487		2	ReadyToTest	Active	Not able to establish 2 SSH connection on E5-IPSM Card	After running 8 ssh scripts it's not possible to establish 2 ssh connections at the same time. User gets "telnet server busy" response.
125740		2	ReadyToTest	Active	SSHCONN tasks on IPSHC card gets into SUSPEND state during stability runs	SSHCONN tasks on IPSHC card gets into SUSPEND state during stability runs.
125929		2	Pending_Review	Defer	Multicast pacing with older 2 port cards	Should the various high performance cards begin transmitting a sufficiently large number of multicast messages, as paced by the TVG limits currently set, 2-port LIM cards could boot due to insufficient capacity to process the burst of messages.
125960		2	ReadyToTest	Active	SSH connections are in ESTABLISHED state but no terminal is in IS-NR state also certain CLOSE_WAIT are their from a long time	SSH connections are in ESTABLISHED and/or CLOSE_WAIT state but no terminal is in IS-NR state for an extended time. This happend with an old IPSM card not new E5-IPS cards.
126101		2	Pending_Review	Defer	IPGW double-hop pacing results in steady state traffic loss for ITU traffice when IP connection fails	There can be loss of traffic due to the restricted model of SLS distribution of incoming MSUs. If IP connections fail in an IPGWI linkset with more than 2 links, traffic could be discarded steady state until the connection is restored. One possible workaround for this problem is to use the RANDSLS feature for the IPGWI linkset to have a wider range of SLS values delivered to each IPGWI card in the linkset. Care should be taken if considering this due to potential mis-sequencing issues associated with the use of the RANDSLS feature.
126194		2	Resolved	Defer	Telcordia - audit - NCR - Missing TFA broadcast when TFA received from adj node	Customer will experience some delay (T10) in knowing the FPC is allowed, since instead of broadcast at moment of transition, notification is performed via response-method.
126963		2	Pending_Review	Monitor	SCCP messages are not handled correctly during link congestion	

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
127232		2	Pending_Review	Defer	BPHCAP can only support 4500 Multicast's per second	If DDB updates are over 4500 per second for BP cards, then IMT could be over loaded and messages could be lost, causing DDB corruption should an IMT bus fail. BPHCAP can only support 4500 Multicasts per second.
127545	Y	2	Pending_Review	Monitor	EAGLE stops polling Subsystem and leaves it marked prohibited	Customer has to manually delete and reenter SSN to continue to route traffic to it.
127634		2	Resolved	No-Fix	Eagle 38.0 DSM cards load @ half the RMTP channel data rate	None, fixed on EPAP.
127751		2	Pending_Review	Invalid	Eagle 37.5.0-58.41.0 :Route status not getting updated as per the corresponding association status	The customer can be impcated as Eagle will not route the call to the other association,as the route to the already down assoc is still allowed.
127898		2	Resolved	Defer	IP Cards (frequently) won't ping after reboot	Indications are strong that the root cause of the problem is within the switches, not the Eagle.
127908		2	Resolved	No-Fix	Telcordia, Link removed from service by management (console) while Force	ATM connection will come back in service slower after a management action within the first 10 minutes of a connection having been in service. See notes for a better explanation.
128541		2	Resolved	Defer	Module tsi_sbfr.c obit on SSEDCEM IPGWI card during overnight traffic run on 60.24 build	Not likely to happen in the field since the network would respond to the TFCs. It take hours in overload to occur.
129434		2	Resolved	Defer	Seculog is copied during Backup to MO in contrast to FD.	This has no operation impact. However, it is transferring security information without constraint.
129541	Y	2	Pending_Review	Monitor	GLS Cards Rebooting with Module bndr_mgr.c Line 1047 Class 01c9	GLS cards on the STP booted continuously and had to be inhibited. This prevented the customer from provisioning any new GWS data.
129915		2	Resolved	Defer	IPSG M3UA Link discards losses traffic during change back	The configuration this was reported on was 32 links hosted by one card. With 50% traffic. Dropping half the associations. The result reported is MSU loss during changeback, and is configuration dependent (i.e., there is no loss with fewer links). This is unlikely to occur in the field.
129994	Y	2	Pending_Review	Duplicate	Inbound IPGW cards OBIT with Module t4b_bm.c Line 366 Class 01c4 after outbound LSL go into congestion.	

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130158	Y	2	Resolved	Defer	synchronization issues in RADB and RADBV caused by usage of IP-HOST IP-LNK command on E5SM4G using SCCPHC application	<p>The card database is successfully updated by a failsafe mechanism after the initial update is missed, but this leaves the transition indicator in the wrong state.</p> <p>GPL : SCCPHC [APPL=VSCCP] -----</p> <p>1) ent-ip-host : Entry will get successfully updated in the DB but RADB update of the hostname-IP address will not be downloaded on the E5-SM4G card. - Local Host/IP-Address lookups in Pass command "NSLOOKUP" will get failed since the entry on the card is not updated. - REPT-STAT-DB shows DB on the card in the Transition state. This shall not affect any Services provided by the E5-SM4G card. After 20 such updates(ENT-IP-HOST/DLT-IP-HOST), DBLM transition counter reaches it thresholds and a severity shall be raised from module DBLM_MGR.c. It should not obstruct/affect any other provisioning on the card. Only DBLM_MGR.c severities shall be seen, if DBLM threshold is exceed and any updates to GWS screenset is performed. Recommend</p>
130829		2	Resolved	Defer	HIPR obits report incorrect Ueng PC values	This limits TACs ability to trouble shoot a problem if a HIPR card boots. This will not cause a customer problem, it is a support only issue.
42959		3	Resolved	Defer	Telcordia - EAGLE erroneously discards all the traffic that is held in the Changeback buffer	If a link under time-controlled changeback fails, forcing another time-controlled changeover, all traffic that has been originally buffered (during the initial changeback) may be lost. This results in a small, limited loss of traffic.
43887		3	Resolved	Defer	Telcordia - Links to adjacent STP inhibited prior to isolation - one	Incorrect restart procedures would happen as a result as one of the links remaining inhibited, causing excess network management traffic to be sent to the adjacent node. Customer network would shortly recover correctly from the incorrect procedures.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
50960		3	Resolved	Defer	Telnet Terminal Timeout Doesn't Match KSR Timeout	Telnet terminal timeout behaves differently than that of KSR. If a Telnet terminal command times-out and a new command is entered the new command is appended to the one that timed-out. Also as a command times-out and the enter key is pressed the command that timed-out will be executed without being displayed.
53231		3	Resolved	Defer	IPSM public key retention and UIM not implemented.	This simply means that EAGLE will not retain public keys received from SFTP Servers that EAGLE has connected to across card resets. This leaves a slight security risk because, after an IPS card resets, the Eagle could establish a connection to the wrong the far end without notifying the user of any potential wrong-doing. Of course, this would mean that the server is being spoofed in the network when Eagle attempts this connection. As long as the IPS card is not reinitialized, or the server is not being spoofed, the risk is not a issue.
53915		3	Resolved	Defer	IP Terminals missing 30 minute chunks of output on large station with lots of output	Under extreme testing conditions where large system with all output groups set to same IP terminal will cause output data loss.
55330		3	Resolved	Defer	SCCP cards obits if init'd during chg-db:action=repair	If the operator tries to init any SCCP cards while attempting a db repair or restore, these cards will remain out of service until the db command has completed.
55702		3	Resolved	Defer	ITU_I, 14 Bit ITU_N , & 24 Bit ITU_N (with & w/out Group Code) EGTT GTTSEL selectors should not overlap	Possible user confusion or limitation of feature for single TT accessed by both GTII & GTIN, not possible.
55995		3	Resolved	Defer	Telcordia - One message lost when L1/L2 fail simultaneously	When L1 and L2 failed near-simultaneously, one message was lost during the changeover procedure.
56026		3	Resolved	Defer	Telcordia - AMR: Duplicate preventive TFPs are sent after adjacent restart procedures.	Extra TFP sent when not required. TFP will be discarded by adjacent node.
56910		3	Resolved	Defer	CANC-CMD on telnet fails with command recall	When trying to cancel a command using the UP arrow to recall "canc-cmd" out of the command history, the user will get "System busy" instead of actually being able to cancel the command. If the user actually types "canc-cmd" into the keyboard, this never happens.
57586		3	Resolved	Defer	User auto logged out double message	None. Message gets printed twice in a row, instead of just once.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
57819		3	Resolved	Defer	SFTP password error yields Severity 1 message	None. System functions normally, and ATH is expected. Although customer may become alarmed at the ATH.
58184		3	Resolved	Defer	poll_mv.cpp ATHs on MCP card referring to IPGWI cards	Measurements for the ID'd card (IPGWI) are delayed in response and not included for the collection period.
58454		3	Resolved	Defer	CHG-TRM:ALL=YES, DBG output group behaviour	This PR would cause additional Debug Information to be displayed on Screen. Behaviour of the CHG-TRM:TRM=x:ALL=YES command is to be modified so only explicitly executing CHG-TRM:TRM=x:DBG=ON will turn this group on. The CHG-TRM:TRM=x:DEBUG=OFF command will stop debug commands from being displayed.
59728		3	Resolved	Defer	Possible Missing Measurements on GTT discard	The Eagle does not peg the number of MSUs discarded after successfully passing SCCP GTT due to destination route congestion. This peg count may need to be added.
60007		3	Resolved	Defer	adl.mgr obits fails upgrade when IPLIMI links go down	Cards will timeout and ask to be downloaded again. All cards will be successfully downloaded. This should not occur during a upgrade in the field since all IMT bus failures should be cleared before the upgrade is started.
61519		3	Resolved	Defer	Large safety values can cause bus congestion	The potential for this problem has been around since the HMUX was introduced into the field. It was only with the recent testing in release 35 that the problem was detected. This has not been seen in the field.
74455		3	Resolved	Defer	Upgrade action=convertstp failure due to measplatform	This problem can only occur when the measurements platform feature bit is set and there are no MCP cards in the system. The workaround is to insert the MCP cards or to perform the upgrade's network conversion using the appl parameter.
74770		3	Resolved	Defer	RTRV-E1 column alignment off	Cosmetic flaw - no system impact.
83640		3	Resolved	Defer	no rept-stat-alm support for TPS_SS	There is no REPT-STAT-ALM support for the IP TPS device created in 31.6.
83796		3	Resolved	Defer	Telcordia - Telcordia - Missing TxR during adjacent restart before sending TRA and traffic	After Adjacent Restart completes, the adjacent node may not have the correct Point Code status and may send traffic to the EAGLE that would otherwise be send on an alternate Allowed route.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
83835		3	Resolved	Defer	GWS UIM 1062 CARD 1316 INFO *** too large (L1113) is uninformative and misleading	This UIM does not give users any information on what it is. This comes out of the GLS card when it is trying to bind the GWS tables.
83900		3	Resolved	Defer	chg-ls for apcntype requires the links to be deleted	The chg-ls command for apcntype requires the links to be deleted while other parameters can be change by just having the links out of service.
88298		3	ReadyToTest	Active	link fails during congestion due to sltc failure	SE-HSL (China) links running to one SE-HSL link at 95%. The link goes into congestion. Then the link fails due to SLTC failure. If the problem happens the card may have to be booted (init-card) to bring the link up.
88975		3	Resolved	Defer	HIPR BSU routing	The sending card will continue to send the BSU until the card that the BSU was lost on booted its COMM processor and BSU were allowed to complete their cycle. This condition will last only as long as it takes the COMM processor to boot. This condition has not been seen in the field.
89294		3	Resolved	No-Fix	DSMs receive UDP broadcasts intended for MPSs as a broadcast side effect	DSM cards generate these multicasts that the peer DSM cards receive. The result is unnecessary waste of time and CPU cycles by all DSM cards to recover from receiving multicasts that are of no interest or use to the card. The handling of these messages consume a negligible amount of time and CPU cycles.
89679		3	Pending_Review	Defer	UALOG enhancements for SUA and M3UA	Logging of received M3UA/SUA messages on IPGWx does not record all parameters when the message is discarded. The additional parameter(s) that are not logged are of marginal use since the message type that is being discarded is logged and will be the primary method of debugging the interop issue. For ASP Failure, RC value included in trasmitted message would be more complete; however, ASP Failure is for all RCs so SG configuration can be consulted.
90227		3	Resolved	Defer	flash-card incorrect error code for HMUX/HIPR	The error for attempting to flash a HMUX/HIPR with the flash-card command should be E2212 "Card location specified is not valid for this command". This can result in the customer being confused on what caused the command to be rejected.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
90304		3	Resolved	Defer	EAGLE DOES NOT REPORT SCCP CARDS THAT ARE NOT CAPABLE OF WARM RESTART	An attempt was made to warm restart cards which should not be warm restarted since their db levels were not correct. They soon booted with pvdl obits and began cold starting. At the time of the warm restart attempt the EAGLE did not indicate that the cards were not warm restartable.
90486		3	Resolved	Defer	init-sys:data=persist may not work if OAMs boot onto new gpl	If an init-sys:data=persist command is issued when a MO is in the MDAL and the EOAM on the MO is not the same as the one running on the EAGLE, warm restart data will not be valid.
90568		3	ReadyToTest	Active	Retransmission of IMF packets	Monitoring on IP link is supported and this PR is not a issue anymore on IP link. ATM link may put extra burden on IMT for copied traffic, however, test showed that it doesn't have any impact. This PR may cause socket queues to back up on SE-HSL card and result in discarding the copied MSU.
90891		3	Resolved	Defer	entering invalid prefix value for prefixnum 4 for Prepaid IDP Relay feature gives incorrect message	The error message returned is E4343 "Feature Prefix too long". This is not correct, the prefix is not too long, but rather the value is not a valid value. This error message is misleading. No real impact as the customer has valid values.
96369		3	Resolved	Defer	UI accepts "up arrow" in KSR mode before ctrl-a entered	In KSR mode (term=ksr, not F11) the command prompt processes the up-arrow event, shifting the command buffer back by one before the ctrl-a prompt is entered/available.
96447		3	Resolved	Defer	ath CMT_MD.ASM on ccs7itu cards during 55.47.0 upg phs3	In the event that HCMIM cards and non-HCMIM cards are gpl downloading at the same time. Some non-HCMIM cards may fail the gpl download due to a timeout but will be successfully downloaded once the HCMIM cards are loaded. Some sev 1 errors indicating messages with an invalid destination subsystem number will also be output by the non-HCMIM cards.
96621		3	Resolved	Defer	Multiple IPGW TPS Feature Quantities permanently enabled	The largest TPS value enabled will be used by provisioning commands, so there is no outward impact aside from rtrv-ctrl-feat showing more than one TPS value enabled. There is no impact for non-IPGW customers.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
96679		3	Resolved	Defer	Command recall on telnet terminal get confused when changing direction (up vs down arrow)	Minimal, the command recall will start going in the correct direction on the next press of the arrow key.
96769		3	Resolved	Defer	UAM 0084 Failed Channel info displays nothing	The user could receive an IP Connection Unavailable alarm without the Failed Channel indication being valid. It should immediately be followed up with an IP Connection Available message. Worst case scenario, the user would not know which channel failed.
96814		3	Resolved	Defer	SCM_UAM trouble when deleting links during collection period	This scenario will result in the failure to output alarms, which would disrupt element management tools such as NETBOSS from accurately depiction alarm status. This would require a re-sync when that mismatch is detected. Note: this would only happen in the case that: - a device has detected an alarm, - queued the alarm to be displayed, - and the device is removed PRIOR to the displaying of the alarm condition.
104535		3	Resolved	Defer	SEAS commands limit linkset names to 8 chars	SEAS commands issued for linksets with names longer than 8 characters will be rejected.
104625		3	Resolved	Defer	misleading output on copy-gpl from mo to standby	The first line of output says that the gpl is being copied "ON" the removable. According to the command manual the output should be "COPY GPL: MASP B - COPY STARTS FROM REMOVABLE CARTRIDGE TO STANDBY TDM"
105314		3	Resolved	Defer	single DSM stopped taking updates	When RMTP communication fails for a single card, there is no obvious indication that the DSM is not taking updates. <WORKAROUND>The IP Connection unavailable alarm should alert the user that something is amiss, but these may get lost in dirty system. </WORKAROUND>
105480		3	Resolved	Defer	Telcordia - Level 2, 1._Timer T1 was measured at 23.94 seconds. Range is 40 – 50 seconds	No customer impact except level 2 timer T1 expires prematurely.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
105986		3	ReadyToTest	Active	FIGTTLS- Incorrect value displayed for Spare PC in FTRA on UNIX machine	The SPARE PC value is displayed in incorrect format in CSV file generated using FTRA on UNIX machine.
106081		3	Resolved	Defer	Upgrade of group of cards too long when there are cards OOS	The upgrade can take longer than expected when cards are OOS isolated in the system. The delay is an extra 1 minute per card that is isolated.
106162		3	Resolved	Defer	OBSR: Wrong Error output for ent-gttset command	None: incorrect command error is output, it is not misleading, just different from the original command spec.
106174		3	Resolved	Defer	TST-SLK fails for M2PA and SAALTALI links	TST-SLK does not work on IPLIM. The user can use the ping command to accomplish the same functionality as the tst-slk command.
106214		3	Resolved	Defer	FIGTTLS - Trouble on module SIH_UTL during fallback procedure	UIM 1249 is still output but the information other than the opc is incorrect. Once the system is be returned to the source release the troubles stop.
106521		3	Resolved	Defer	Incorrect IP Address displayed in sctp pass cmd for multihomed association	Alias IP addresses are not fully supported in Eagle. The Eagle SCTP implementation uses the "from" address in the IP header of the SCTP heartbeat ack for determining which multihomed paths are active. When an alias is used at the peer, the "from" address in the heartbeat ack may not match the "to" address in the heartbeat. In short, alias IP addresses are not fully supported. The intent is to support multiple physical paths, which is working correctly in Eagle.
106578		3	Resolved	Defer	REL 34.3 : Severity 1 reported on IPSM card	Minimal customer impact. The trouble is generated during an init operation and there is no loss of function.
106668		3	Resolved	Defer	EMP doesn't change CLLI after chg-sid	Can cause loss of MSU copying to Sentinel since you have to either boot or turn EISCOPY off to get the CLLI to change.
106791		3	Resolved	Defer	Traffic loss on IPLIM with mix of TALI & M2PA	Due to obscurity of setup (mix of TALI & M2PA, max traffic rate, activating/deactivating links while opening and closing associations) and difficulty of reproducing, this problem is very unlikely to occur in the field.
107100		3	Resolved	Defer	BCAST.C trouble and inconsistent card database alarm found during upgrade from 31.6.11 to 34.3	Minimal system impact since this problem only occurs during a removable based upgrade which is hardly ever used. The incoherent DB can be fixed easily with a restore operation from the MO cartridge.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
107505		3	Resolved	Defer	FFGTLS: RTRV-TBL-CAPACITY	RTRV-TBL-CAPACITY will reflect only partial impact. Two tables are involved: RPC3 - old PC+SSN based MAP data and new MAP table. If FGTLS feature is enabled, then old RPC3 does not reflect actual usage / capacity. Also impacted by XMAP feature
107960		3	Resolved	Defer	TELCORDIA-MOBR- Both TCRs concerning SPC (a nested cluster) and TFRs concerning SPC1 (FPC member in the nested cluster)	Duplicate network management information. All information is correct, just extra messages to be processed.
107980		3	Resolved	Defer	Failover of active ELAP causes dsm's to go Inconsistent	Other than minor alarm: none. Condition clears when high rate provisioning subsides. No traffic or RTDB is affected, DSM are more than one level behind after fail-over and can not catch up with provisioning rate.
108025		3	Resolved	Defer	EOAM boots on entering ent-bp command with bc > 96	Maximum supported data dump is 96 bytes, which is supported by the command. It is only if the specified number of bytes to dump exceeds the supported maximum that the problem occurs.
108214		3	Resolved	Defer	OBSR: GTT UIM not printing to terminal	Terminal with excessive output being displayed may fail to output a UIM to the terminal. No other system impact.
108252		3	Resolved	Defer	VSCCP card obits after set-time and measurements boundary	Only if the set-time command is used to change time to HH:59, rather than HH:58 can VSCCP card(s) boot with obits. This does not seem to happen at the 30 min boundary (eg 7:30), only the hourly boundary (8:00).
108297		3	Resolved	Defer	Telcordia - 34.0 audit - NCR: Missing TFR broadcast for FPC Member When Moving from Prohibited to Restricted Status	This will unnecessarily delay the restoration of traffic to SPF1, until the adjacent node sends a route-set-test (RST) message.
108298		3	Pending_Review	Defer	Telcordia - 34.0 audit - NCR: Unexpected Response-TCR when Secondary Route Changes from Prohibited to Restricted	This will unnecessarily delay the restoration of traffic to SPF1, until the adjacent node sends a route-set-test (RST) message.
108444		3	Resolved	Defer	Table Copy does not handle multiple remote copy operations	Minimal system impact. Presently it is left up to the applications to retry remote table copy operations. This issue has never been seen in the field.
108520		3	Resolved	Defer	Telcordia - 34.0 audit - Unexpected TFA Broadcast	Sending unnecessary network management messages results in inefficient use of network resources.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
108551		3	Pending_Review	Monitor	Telcordia - 34.0 audit - EAGLE sent duplicate messages following changeback	IMPACT: Duplicate messages will be discarded at the remote end; however require processing resources not expected during normal situations.
108552		3	Pending_Review	Monitor	Telcordia - 34.0 audit - Redundant TFA Broadcast	IMPACT: Sending unnecessary network management messages results in an inefficient use of network resources.
108556		3	Resolved	Defer	Telcordia - 34.0 audit - TFR sent when alternate route becomes prohibited. (not an ITU specification)	This results in unnecessary use of network resources and may allow backrouting in this scenario.
108566		3	Resolved	Defer	Full Restart aborted if link aligned during loader timeout	If a user manually activates a deactivated link via act-slk to end the node isolation, then full restart does not occur even though the node was isolated for TimerIsolation. The TimerLoader is a function of the number of OOS-MT cards in the system, so you get different time windows for aborting full restart depending on the number of OOS-MT cards present.
108970		3	Resolved	No-Fix	M3UA - Telcordia - The Eagle does not fully support the n+k redundancy model	N+K redundancy model is not supported for IPGW M3UA/SUA when N is greater than 1. So an AS will be considered active once the first ASP that is provisioned to serve it becomes active.
108972		3	Resolved	No-Fix	M3UA - Telcordia - The Eagle does not support the Broadcast traffic mode type	M3UA/SUA does not currently support Broadcast AS traffic mode as specified in draft-ietf-sigtran-rfc3332bis-02 Section 3.7.1. This is a non-compliance issue.
108988		3	Resolved	Defer	E5-ENET: Misleading "FAILED: INACTIVE BLBIOS INUSE"	Minimal. The error response is misleading and refers to blbios instead of blbepm. The flash command is still rejected properly.
109130		3	Resolved	Defer	MTP3Issue16-FMR- Telcordia - FMR: TRAs are prematurely sent on the IPVHSLs during T24.	IPLIM may terminate full restart before completing broadcast, so adjacent nodes may begin to send traffic before all preventive messages are sent.
109145		3	Resolved	Defer	Tekelec MTP2 Report -Telcordia-Link Removed From Service Prematurely When Oversize MSU Causes Octet Counting	The E5 E1T1 card will remove a link from service prematurely after receiving a 280-octet MSU immediately followed by 5 BAD 250-octet MSUs.
109146		3	Pending_Review	Monitor	ITEM #4- Telcordia - : Duplicate SLTMs Sent Upon Alignment	None. The second SLTM will be discarded by the receiving node.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109176		3	Resolved	No-Fix	E5-ENET- TELCORDIA - The E5-ENET card sent an XCOO on the second link after receiving an LSOS, ABORT, or SHUTDOWN message dur	No customer impact. Changeover will occur if processor outage lasts too long.
109267		3	Resolved	Defer	E5-E1T1 After warm or cold reset links status changes to remote loopback	This problem only occurs after a warm restart (inh-card, alw-card), and if it occurs it will occur prior to any links on the card coming back into service. Issuing an init-card command, or otherwise resetting the card, will resolve the problem. Since any links on the card had already been taken down prior to this problem occurring, this problem should not affect traffic.
109352		3	Resolved	Defer	SCCP_ITUN_iss1_first_msg_after_fail - Telcordia - 1._(ITUN) First Message After Failure Not Returned on Error.	First message does not get UDTS (return on error) when in congestion. Could not replicate in LAB.
109376		3	Resolved	Defer	SUA_16_part2 -Telcordia - SUT Ignored SSN in Ordered Fragmented DATA Chunks	The SCTP SSN (Stream Sequence Number) is not validated by Eagle for received SCTP traffic. This lack of validation has no impact when the sender sends correct traffic. It may allow spurious messages when, as in this test, the sender send incorrectly numbered packets.
109531		3	Resolved	Defer	NO_CLLLI - Telcordia - After doing a chg-db:action=restore, init-sys, Eagle didn't send cli in VFY/FLT responses until chg-s	Booting the active to cause a switchover will also correct the problem. There was no noted impact to SEAS command processing as a result of the missing CLLI. WORKAROUND: May be corrected by re-entry of the CLLI.
109847		3	Resolved	Defer	Dynamic Database Audit blocks Medium Priority Task for > 500 ms	No operational impact. This only comes into play when we perform a DDB checksum send-msg.
109848	Y	3	Pending_ Investigation	Active	Dynamic Database Crossload (DDL) blocks Medium Priority Task for > 500 ms	The customer may see TVG_HMUX.C or TVG_HIPR.C troubles while a (V)SCCP card is crossloading another card. This will not have any adverse impacts on the normal processing of the (V)SCCP traffic since they have priority over crossload.
109884		3	Resolved	Defer	MTP3Issue02-Telcordia- Improper incrementing of FSN during SIOS transmission	None. During changeover, the LSSU FSN was 1 greater than expected. The LFSN in the COA would simply request the missing MSU, so no traffic loss should occur.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109886		3	Resolved	Defer	SCTP Init Issues10-Telcordia-1)_Error Cause was not included in the ABORT that was sent in response to an INIT or an INIT ACK	When an SCTP INIT containing an invalid parameter value is received, the resultant ABORT chunk sent by the Eagle does not include an error cause. This may make it more difficult to determine exact reason why the INIT is not accepted by the Eagle. No other adverse affects.
109887		3	Resolved	Defer	SCTP Init Issues11-Telcordia- SUT sent ABORT with incorrect T bit value of 0	When the Eagle receives an SCTP INIT with an invalid destination port number, it correctly responds with an ABORT chunk, but the ABORT chunk contains a T bit value of 0, indicating that it had a TCB. This is a minor non-compliance to RFC2960.
109888		3	ReadyToTest	Active	SCTP Init Issues12-Telcordia-3)_INIT with non-zero Verification Tag was accepted	Minor (and debatable) non-compliance to RFC2960. No other impact.
109889		3	Resolved	Defer	SCTP Init Issues13-Telcordia-4)_ABORT contained Verification Tag set to 0	When an INIT contained an advertised receiver window credit set to 0, the number of outbound streams set to 0, or the number of inbound streams set to 0, the Eagle correctly responded with an ABORT, but the Verification Tag in the ABORT was set to 0. Likewise, when an INIT ACK was received with the number of inbound streams set to 0, or the number of outbound streams set to 0, the Eagle correctly responded with an ABORT, but the Verification Tag in the ABORT was set to 0. No customer impact. Minor SCTP non-compliance.
109890		3	Resolved	No-Fix	SCTP Init Issues14-Telcordia-5) ABORT was not sent for an INIT or an INIT ACK with an invalid stream value	When the SUT received an INIT with the number of outbound streams set to 1 or the number of inbound streams set 1, the the SUT did not send an ABORT, and continued with association establishment. Likewise, when an INIT ACK was sent such that the number of outbound streams was greater than the number of inbound streams in the received INIT, the number of inbound streams in the INIT ACK was set to 1, or the number of outbound streams was set to 1, the SUT did not send an ABORT, and continued with association establishment.
109891		3	Resolved	Defer	SCTP Init Issues15-Telcordia- 6) ABORT was not sent for an INIT with an invalid IPV4 address parameter	When an INIT contains an invalid IPV4 address parameter, the Eagle will not send an ABORT, and continue with association establishment.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109892		3	ReadyToTest	Active	SCTP Init Issues16-Telcordia-7) ABORT was not sent for an INIT containing host name address parameter	When an INIT contained a host name address parameter, the SUT silently discarded the INIT and did not send an ABORT.
109893		3	Pending_Review	Invalid	SCTP Init Issues17-Telcordia-8)_SUT did not apply the back-off timer rule to Timer T1	When the Eagle did not receive an INIT ACK or COOKIE ACK in response to an INIT or COOKIE ECHO chunk, it did not double the value of Timer T1. SCTP RFC retransmission mode may not perform exponential backoff when retransmitting packets. Tekelec's default retransmission mode is LINEAR.
109894		3	Resolved	No-Fix	SCTP Init Issues18 Telcordia-9)SUT did not use T1-init timer value for COOKIE retransmission	When the Eagle did not receive a COOKIE ACK in response to a COOKIE ECHO chunk, it retransmitted the COOKIE ECHO chunk after 0.8 seconds, instead of waiting for the T1-int timer (1.0 seconds) to expire. This timer is tuned in Eagle to allow quicker connection establishment.
109895		3	Resolved	Defer	SCTP Init Issues19-Telcordia-10) SUT did not send an ABORT for an INIT ACK with Intiate Tag = 0	Eagle does not send an ABORT in response to an INIT ACK with Intiate Tag = 0 but rather silently discards the INIT ACK without sending an ABORT. This is a minor non-compliance to RFC2960.
109896		3	Resolved	Defer	SCTP Init Issues20-Telcordia-11) SUT sent malformed ABORT for an INIT ACK containing host name address parameter	When an SCTP INIT ACK containing a host name address parameter is recieved by the Eagle, it correctly responds with an ABORT, but the ABORT is malformed – it does not contain padding bytes and the unresolvable address contains extra bytes before the address value. This is a minor non-compliance to RFC2960.
109897		3	ReadyToTest	Active	SCTP Init Issues21-Telcordia-12) SUT sent COOKIE ACK in response to a COOKIE ECHO with an invalid Verification Tag	Eagle does not verify the correctness of all fields in SCTP messages. This has no impact when interoperating with a correct implementation and improves performance.
109898		3	Resolved	Defer	SCTP Init Issues22-Telcordia-13) SUT sent incorrect INIT in response to an ERROR chunk with a stale cookie error	Incorrect handling of stale cookie error. Does not impact our ability to align and carry traffic.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109899		3	Resolved	Defer	SCTP Init Issues23-Telcordia-14) SUT send an ABORT in response to an OOTB COOKIE ACK	When the SUT received an "out of the blue" COOKIE ACK, it responded with an ABORT instead of silently discarding it.
109900		3	Resolved	Defer	SCTP Init Issues24-Telcordia- 15) SUT did not increment cookie lifespan when it received an INIT with a valid Cookie Prese	Our cookie lifespan is currently long enough to support the networks we support. So no impact on customer
109901		3	Resolved	Defer	SCTP Init Issues25-Telcordia- 16) SUT populated the State Cookie Tie Tags in INIT ACK	Currently not impacting our ability to connect, but in the future might encounter an implementation that validates these fields.
109902		3	Resolved	Defer	SCTP Init Issues26-Telcordia- 17-17) SUT did not send an ERROR chunk when an invalid COOKIE ECHO chunk with an expired State	Not impacting our ability to align and carry traffic. This is an issue with validation of invalid packets.
109903		3	ReadyToTest	Active	SCTP Init Issues27-Telcordia-18 18) SUT sent an ERROR chunk when a valid COOKIE ECHO chunk with an expired State Cookie was r	When the SUT received a valid COOKIE ECHO chunk containing an expired State Cookie, the SUT sent a "Stale Cookie" ERROR chunk. There is no impact on our ability to align and carry traffic.
109904		3	Resolved	Defer	SCTP Init Issues27-Telcordia-19) SUT did not send an ABORT in response to an INIT ACK without a State Cookie	When the SUT received an INIT ACK without a State Cookie, the SUT did not send an ABORT. Instead the SUT only sent an ERROR chunk. No impact on ability to align and carry traffic.
109905		3	ReadyToTest	Active	SCTP Init Issues28- Telcordia - 20) SUT sent ABORT with with an incorrect T bit value of 1	When the SUT received an INIT with an Initiate Tag set to 0, the SUT correctly responded with an ABORT chunk, but the ABORT chunk contained a T bit value of 1, indicating that it did not have a TCB. No impact on ability to align/carry traffic.
109906		3	Pending_Review	Invalid	SCTP Init Issues30 -Telcordia- 1)SUT does not use exponential back-off for heartbeat RTO	The Eagle did not use exponential back-off of the RTO when sending HEARTBEATs for which it did not receive HEARTBEAT ACKs. SCTP RFC retransmission mode may not perform exponential backoff when retransmitting packets. Tekelec's default retransmission mode is LINEAR.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109907		3	Resolved	Defer	SCTP Init Issues31-Telcordia-2)_SUT sent HEARTBEAT ACK in response to a HEARTBEAT without the Heartbeat Info parameter	The Eagle responded with a HEARTBEAT ACK when it received a HEARTBEAT that did not contain the heartbeat info parameter. No impact if a correct heartbeat request is sent. The ACK merely copies what's in the heartbeat request.
109908		3	Resolved	Defer	SCTP Init Issues32-Telcordia- 3) SUT Sent Heartbeat after receiving an ABORT chunk	When the Eagle was in the Established state and received a DATA chunk bundled with an ABORT chunk for the existing association (DATA was first chunk, ABORT was second chunk), the Eagle responded with a Heartbeat chunk. RFC states. DATA chunks MUST NOT be bundled with ABORT. A correct implementation would not send this packet.
109909		3	Resolved	Defer	SCTP Init Issues33-Telcordia-4)_SUT Sent COOKIE ACK after receiving an SCTP packet containing both a COOKIE ECHO and an ABOR	During association establishment, after the Eagle sent the INIT_ACK, and received a COOKIE ECHO bundled with an ABORT chunk (COOKIE ECHO was first chunk, ABORT was second chunk), it responded with a COOKIE ACK chunk before aborting the association. There is no customer impact due to the fact that Eagle does not validate that an ABORT is not bundled. Connection will still terminate.
109910		3	Pending_Review	Invalid	SCTP Init Issues34_Telcordia- 5) SUT resent SHUTDOWN ACK before T2-shutdown timer expired	When the Eagle was in the SHUTDOWN-ACK-SENT state, it retransmitted the SHUTDOWN ACK before the T2-shutdown timer expired. Eagle uses shorter timers than the default RFC timers in order to improve timeliness of events including shutdown.
109911		3	ReadyToTest	Active	SCTP Init Issues35-Telcordia-6) SUT did not apply the back-off timer rule to Timer T2	When the Eagle was in the SHUTDOWN-ACK-SENT state, and did not receive a SHUTDOWN COMPLETE in response to a SHUTDOWN ACK, it did not double the value of Timer T2. In addition, the STP only retransmitted the SHUTDOWN ACK Association.Max.Retrans -1 times. Eagle supports multiple retransmission algorithms for improved performance. The default does not match the RFC, but RFC algorithm is supported.
109912		3	Resolved	Defer	SCTP Init Issues36-Telcordia-8) SUT sent ABORT with wrong error cause in response to a DATA chunk without the User Data param	There is no impact when interfacing with a correct implementation. If Eagle receives a packet with no user data in error, Eagle will send back the wrong error cause.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109915		3	ReadyToTest	Active	SCTP Init Issues38- Telcordia - 10 SUT sent ERROR chunk with Verification Tag value of 0 and a SACK with incorrect cumulat	When the Eagle received a DATA chunk with an invalid stream identifier, it responded with an ERROR chunk containing a Verification Tag value of 0 and a SACK with an incorrect cumulative TSN value. Eagle does not validate stream identifier. There is no impact when an implementation sends correct data.
109916		3	Pending_Review	Monitor	SCTP Init Issues39-Telcordia- 11) ABORT is not sent in response to a DATA or SACK chunk when no association existed	When the SUT received a DATA or SACK chunk from an endpoint for which no association existed, it did not send an ABORT. No impact when interfacing with a correct implementation.
109917		3	Pending_Review	Invalid	SCTP Init Issues42-Telcordia-14) SUT did not use the back off timer for data retransmissions	When the Eagle did not receive a SACK for a transmitted DATA chunk, it retransmitted the Data chunk after the T3-rtx timer. However, when the Eagle still did not receive the SACK, for subsequent T3-rtx timer expirations it did not double the value of RTO. SCTP RFC retransmission mode may not perform exponential backoff when retransmitting packets. Tekelec's default retransmission mode is LINEAR.
109918		3	Resolved	Defer	SCTP Init Issues46-Telcordia-18) SUT did not retransmit an unacknowledged DATA chunk Association.Max.Retrans times	When the Eagle did not receive a SACK, it did not retransmit the DATA chunk Association.Max.Retrans times. We retransmit 1 too few times. In practice this is not an issue, since we retransmit enough times to guarantee we can meet our performance requirements.
110007		3	Resolved	Defer	IPDA: UAM #478 reported rather than #479 for processor congestion clear due link not monitored	Alarm# 477 (Congestion: Copy Function De-activated) may be cleared with clearing alarm #478 (Copy Function Activated) instead of clearing alarm #479.
110117		3	Pending_Review	Invalid	IPLHC msucount shows RX higher than TX	No significant customer impact. The RX and TX msucounts (in the msucount pass command output) on either side of an M2PA link appear to be slightly inconsistent in some, but not all, cases.
110190		3	Resolved	Defer	Traffic rerouting (HMRT) blocks Medium Priority Task for > 500 ms	Customers may see a TVG_HMUX.C or TVG_HIPR.C trouble when this occurs. This will not cause any issues for normal processing.
110259		3	Resolved	No-Fix	Pass command "sctp -a <assoc_name>" displays incorrect local IP address as 0.0.0.0	The "sctp -a assocnam" pass command will display 0.0.0.0 for the local IP address for associations that are uni-homed locally on the Eth B interface.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
110260		3	Resolved	Defer	IPLIM EDCM loses traffic during CO/CB with 150ms RTT and IP packet loss	SSEDCM / IPLIM cannot achieve sustained throughputs at very high RTTs (>~100ms) with large MSUs and when packet loss occurs in the IP network. RTTs supported prior to 35.0 (i.e. > ~70ms) are still supported under these traffic conditions.
110264		3	Resolved	Defer	E5-ENET: Congestion occurs with 0.025% packet loss on IPGHC	Packet loss in the IP network may cause IP connection congestion and potentially traffic loss when SCTP buffer sizes are within specified ranges for the RTT in TR005007. The congestion immediately abates without loss of the SCTP connection.
110302		3	Resolved	Defer	CSVGEN: China PC alias in an incorrect column	This affects China market only. Data is in incorrect column, so automated operation on data may misinterpret data.
110303		3	Resolved	Defer	CSVGEN: Invalid DOMAIN value in GTT for ITUN24	Only for China market for FTFA customers. DPCN24 values appear in the incorrect column, so automated tools may misinterpret data
110311		3	Resolved	Defer	init-card does not work after converttoam action	The customer is unable to continue the upgrade using the staged upgrade. If a customer used the staged upgrade (rather than convertstp) then to bypass this issue either the active OAM would have to be pulled and reseeded or a send message could be used to boot the card.
110321		3	Resolved	Defer	FTA area going incoherent	System impact is minimal. An incoherent FTA can occur whenever an FTA operation is interrupted. It is easily cleared by issuing a dlt-fta:all=yes:force=yes.
110343		3	Resolved	Defer	Measurement platform has incorrect Message Relay and Queries pegs when PCs are initially added	With 16 Point Codes provisioned and transmitting to the Eagle AIN, IN, LiDB, CLASS, CNAM, ISVM, WNP, PCS, queries and Message relay both ported and non-ported. Also added were default GTT and LRN OverRIDE. For the first period of several hourly periods the MR requests were pegged as simply queries. In later hourly reports the MR pegs appear but queries on the same Point Codes are seen which were invalid. Also queries of ported and non-ported should be the same but are not. In later reports that night the reports clear up and the data for the message relay and LNP queries both ported and non ported are correct.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
110352		3	Resolved	Defer	LNP measurements for SSP is not reported until the second hourly period after 15 minute measurements is turned	One or more measurement report transfers to the FTP server may be delayed until the next reporting cycle. There are no known deficiencies in the report once it has been transferred. Note that any report can be generated manually via the rept-ftp-meas command within the retention period for the desired report.
110409		3	Resolved	Defer	IPS: Intermittant need to init-card to get "all=yes" output to display	Occasionally customer may need to init the IPS card to update terminal output groups on IP terminals.
110622		3	Resolved	Defer	SUA #8 - Telcordia - SCON Message Ignored by EAGLE	SCON message sent from M3UA/SUA ASP to Eagle is ignored. This is a known non-compliance and is being considered as a future enhancement to Eagle.
110635		3	Resolved	Defer	SCTP #9 - Telcordia - SCTP Heartbeat timer is not configurable	SCTP Heartbeat time is not configurable in Eagle. Default is 500ms + RTO.
110639		3	Resolved	Defer	SEAS #9 - Telcordia - ADD-GTWYLS error reported 1 vs 2 digits of screen name when screen ref incorrectly begfan with a number	Screen references that start with a numeric value can not be provisioned. This will have minimal customer impact since an invalid screen reference was supplied in the SEAS command and the response contains the invalid portion of the command. The user would be able to diagnose that the screen reference is invalid and correct the command.
110881		3	Resolved	Defer	inh-trm/alw-trm sequence on IP terminal results in disconnection 1 minute later	The problem only occurs if the terminal is allowed and the customer telnets in within a minute of the terminal being inhibited. When this occurs the telnet session is dropped once, but stays up after the customer telnets back in.
110895		3	Resolved	Defer	Backspace/Corrections invalid when selecting an IP terminal for use with an Eagle	The customer is unable to enter backspace character when prompted for terminal number within a Telnet connection.
111208		3	Resolved	Defer	TVGEROUTE requester gets out-of-the-blue grants	The Eagle will sporatically loose a small amount of Eroute capacity in the system. The LIM cards will handle this loss of capacity correctly and ensure delivery of the SCOPY Packet.
111293		3	Resolved	Defer	E5 E1/T1 and HC-MIM - Module t4b_bm.c Line 365 Class 01c4 Obbit after receiving a continuous stream of SLTMs	If a node interfacing with Eagle start sending SLTM messages more than 1000 messages per second for a period of time, it can result in booting the card with obbit "system run out of system buffer".

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
111352		3	Resolved	Defer	SE-HSL Unchan port should not be allowed on a lime1 ss7ansi card	Mis-provisioning of ANSI SE-HSL link type is allowed. This configuration will not work and must be re-provisioned.
111359		3	Resolved	Defer	Queueing problems on IPS Broadcast Manager Task	The 'pass' command is a debug command. This issue could delay the diagnosis of an IPSM issue but otherwise has no system impact.
111405		3	Resolved	Defer	IMTPCI Card address audit detects that the APL card address has changed.	The problem is self-correcting since the HIPR broadcasts/re-broadcasts to each IMTPCI based card its correct IMT address, and the troubles indicating the address mismatch stop occurring after six to eight instances.
111451		3	Resolved	Defer	after init-sys node is no longer isolated alarm is not reported at correct time	The reporting of the alarm makes it look like the system was down longer that it truly was. The only way to know how long the system was down for would be to pull rept-stat-slk:l2stats=service for all the links in the system. This would be very time consuming especially for a 2000 link system.
111624		3	Resolved	Defer	HC card putting out sev 1 trouble	This Trouble doesn't have any impact on the scopy functionality and is only seen under the following contions: 1. An HC-MIM card provisioned with 64 links. 2. Monitoring turned on and all the links are monitored. 3. Run 0.9 Erlang traffic. 4. Take couple of links down.
111634		3	Resolved	Defer	Module SUM_MGR.C Line 717 Class 0074 on VSCCP card	The trouble indicates that an malformed message was received by this card. It may be either a HW or SW problem, but it does not happen often at all and the system recovers gracefully.
111635		3	Resolved	Defer	mdb_mtls.c Line 828 Class 0284 Severity 1 on VSCCP cards	Extraneous ATHs flooding the terminals for a few seconds while loading VSCCP cards. Slightly longer time to load VSCCP cards due to linkset entries being reloaded unnecessarily. NOTE: There is NO ISSUE with the integrity of linkset tables or any other data on the VSCCP cards-- tables will all be correctly and completely loaded.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
111693		3	Resolved	Defer	Medium priority tasks have insufficient monitoring	<p>Medium priority processes can fail without notification, but traffic is still routed. Since none of the lower level process house-cleaning takes place, the card would behave erratically.</p> <p>Through other PR work, the design of congestion has changed, so that the outbound link now multicasts in high priority for increase AND decrease of congestion level. Thus, even if medium priority is not running, the danger of 'stuck in congestion' due to a source card having medium priority issues has been eliminated.</p> <p>There still may be a problem, but it should not affect congestion.</p>
111748		3	Resolved	Defer	Module NTP_UTL.C Line 1337 Class 0001 Severity 1 after Init-sys on large system	No significant impact. The Sev 1 ATH will clear itself after the system stabilizes.
111778		3	Resolved	Defer	LIMs can incorrectly broadcast INMs out of order and without using TVG grants	If initiated, the LIM cards may send internal network events out of sequence. The area of code that has this deficiency is only exercised during debug situations and will not occur during normal situations.
111903		3	Resolved	Defer	Private OPCs should not be provisionable in gserv-data table	<p>Since an external MSU will never have a private point code, customers should not be able to provision the private OPC in the gserv-data table since it will never be used.</p> <p>There is no harm in provisioning it, but it could be misleading to a customer.</p>
112070		3	Resolved	Defer	Sev 1 trouble CMT.ASM line 2325 during Eagle 34.2 to 35.1 upgrade	The system issues the troubles and appear to recover; no other adverse effects have been observed. The upgrade still completed successfully.
112203		3	Resolved	Defer	MPL generates L2_MGR Debug ATH when in congestion	None, the MSU is discarded, and the Sev 2 error message will show up on customer display only if they have debug on.
112249		3	Resolved	Defer	GWS UIM 1100 "GWS rcvd H0/H1 that is not allowed" has invalid info in AFTPC for RCT msgs	AFTPC info could be misleading if craftsperson is investigating this particular GWS problem.
112377		3	Resolved	Defer	Init -card appl ccs7itu causes trouble Module FPB_UTL.C	A trouble is output instead of a UIM. The trouble may misdirect the customer to a software problem instead of a BIP problem. This problem is much less likely in the field since all cards that are in the field are properly BIPPed by manufacturing.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
112388		3	Resolved	Defer	Deleting last entry in sccp-serv causes Module gtt_oai.c Line 6429 trouble	Mainly this nuisance trouble which indicates the routing status for the entry is unknown, but given that the LAST entry is being deleted for the sccp service, then functionally there is no impact.
112536		3	Resolved	Defer	SEAS Data Collection Commands cause uplu_mgr and uplo_mgr trouble	The SEAS measurements commands are not intended to work with the 15 minute measurements feature, so these commands will not be functional in this case. An unexpected ATH may however be generated, but any output indicating the actual problem will likely not occur.
112547		3	Resolved	No-Fix	RX MTPP counts not pegged for M3UA	The pegs for IPGW M3UA/SUA connections that are receiving SNMs that are being discarded does not show up in the "MTPP" portion of the MSUCOUNT pass command output. Instead it is pegged in the "Received PDU Error" count.
112653		3	Resolved	Defer	during loading cards reboot with ddl_mtp.c obit	This obit may occur during upgrade, but it will not be persistent. A card may obit, then will succeed in loading on the next attempt.
112906		3	Resolved	Defer	aud_oam.c troubles after copy-gpl command executed	No customer impact. The gpl audit will continue and properly compare the calculated checksum with the checksum in the gpl trailer during the next audit cycle.
112920		3	ReadyToTest	Active	Telcordia - Eagle not reporting congestion abatement in a timely fashion	TFCs are generated a few seconds longer than necessary during abatement procedures of local link congestion. Determination of local link congestion is largely an implementation detail and hidden from the customer, so from a field perspective it would be almost impossible to detect this condition. A lab (e.g. Telcordia) environment where the time between L2 acking drops the link out of congestion until TFCs stop generation can show this problem, but without timestamping test equipment it would be nearly impossible to detect.
113030		3	Resolved	Defer	misleading output text if copy-disk command executed on TDM with incoherent FTA area	No system impact. The copy-disk command continues even though the FTA area was incoherent. Output text is misleading.
113224		3	Resolved	Defer	MRN OAI layer robustness	The customer would not know if they are having MRN table read failures or entry not found situation.
113266		3	Resolved	Defer	rtrv-gpl causes gplm2.c severity 1 and causes the release to go unknown	This results in an incomplete rtrv-gpl report. The problem is corrected in a few minutes. Retrying the rtrv-gpl command will be successful.
113837		3	Resolved	Defer	DISP-TRACE command does not display all entered traces.	Minimal customer impact. When trouble shooting TAC only be able to enter in 9 active trace requests instead of 10.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
113858		3	Resolved	Defer	IPDA: EMP Doesn't report event for lost assoc or lost link align until conditions go away	When the SCTP association for an M2PA link fails, the IMF receives Eagle alarms about the connection/SLK failure but does not receive any EMP link events until the association is restored and the M2PA layer attempts to re-align the link. This can cause delayed reporting of M2PA link failures by IMF.
114009		3	Resolved	Defer	IPLHC boots with itx_mgr	This requires heavy traffic load, SLAN copy on, with the link dropping due to gfwy screening improperly provisioned. This should not be configured this way in a customer site.
114025		3	Resolved	Defer	EMP/SCOPY congestion in normal conditions	Integrated Monitoring feed from Eagle to IMF congests and loses monitored MSUs when running within engineered capacities.
114356		3	Resolved	Defer	rept-stat-user output misaligned for longer commands	None, in the output of rept-stat-user notice that the command rept-stat-applsock causes the "IDLE" text to be misaligned.
114678		3	Resolved	Defer	routing of a SAFETY packet with a CRC error	The likelihood of this PR occurring is extremely rare. Should it occur, most likely no one would realize that it even occurred. It would have to occur many (5 or more??) before it would have an effect on the Eagle system. Even then it would only affect the IMT bus that had the problem.
114694		3	Resolved	Defer	ARICENTPV_Rel 35.3:Resultant GTA length greater than 21 is accepted	Though the UI misses this check, the Eagle discards those MSUs (GTA >21 digits), as described in Feature Description document. Hence no system impact.
114951		3	Resolved	Defer	Reduce number of status messages from UDP to EPDL	If the UDP socket is not responding, the UDPV task sends many unnecessary status messages to the EPDL task and if the EPDL is not processing the messages fast enough, the message queue could fill up and possibly cause the card to boot. This has never been seen in the field.
114974		3	Resolved	Defer	UIM1185 log states "GTI Status Register". Should state "GTI Clock Status Register"	No system impact. Output could be slightly misleading to the troubleshooter if they are not aware of the output anomaly.
115011		3	Resolved	Defer	EROUTE TVG is not maintaining same-shelf-grant with HC-MIM SE-HSL	With HIPR on the shelf, EROUTE should perform same-shelf-grant up to max 6000 TVG per STC, with a limit of 30 TVG per 5 msec, however, this assumption holds true only if the traffic is uniformly distributed over a period of 1 second. In cases where traffic is bursty in nature then request can spill over to the other cards. This condition DOES NOT result in copied MSU discards.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
115025		3	Pending_Review	Duplicate	AricentPV: EAGLE 36.0.0-57.17.0: RTRV-LS CSV file displays incorrect entries for ANSI Point Codes.	CSV (from FTRA) output does not match Eagle rtrv. Columns misaligned with data.
115112	Y	3	Resolved	Defer	tst-imt command produces inconsistent results	tst-imt command provided no useful results to help resolve an IMT issue.
115253		3	Resolved	Defer	t4b_bm.c Line 365 on 25% HCMIM LSL post an init-sys	While a HCMIM card is booting up (after a init-sys), it may boot again. The only impact is a potential delay in the HC MIM card going inservice.
115414		3	Resolved	Defer	Rept-stat-card:mode=full command fails to complete on HCMIM w/64 links with echo active	Command session control is not closed on a terminal. This hangs the terminal until a cancel command is issued. The problem only occurs while echoing to another terminal and there is a simple recovery from the issue (canc-cmd).
115541		3	Resolved	Defer	ARICENT PV_APCR: PC not marked CRD-Prohibited for CLUSTER PC entry.	A cluster point code (example 3-3-*) has been configured on a Linkset with an adjacent full PC(3-3-1). If a another full PC in the cluster (3-3-2) is marked as CRD-Prohibited that PC is not shown as an X-LIST entry. Insted 3-3-0 is shown as X-LIST entry.
115658		3	Resolved	Defer	unlock command with no password entry and closing terminal locks the terminal until OAM boots	If users type the unlock command and do not enter the password in, and then close the terminal. That terminal is forever locked (Authority Violation error) until the active OAM boots.
115736		3	Resolved	Defer	Logic error in radb_mcm reissuing GPORT alarms as MNP.	The failed logic is a minor problem since if the reissuing is called and not needed the called function will NOT issue alarms unless actual alarms exist. Likewise, if the call to reissue the alarm should have been made and was not, the next poll cycle for SCCP alarms will raise the new MNP alarms. The latency for the next polling cycle to process the new MNP alarms is milliseconds and should not be discerned by observation, thus there should be no CSR propagated from this logic error.
115793		3	Resolved	No-Fix	HSIMT does not builds in ENG 59	None

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
116151		3	Resolved	Defer	tst-imt causes HIPR to indicate a shelf address error	The MOPs which instruct customers how to replace HMUX and HIPR cards indicate the IMT bus should be inhibited when the new mux card is installed. The MOPs also indicate a tst-imt command should be run prior to allowing the IMT bus. If the tst-imt command is run prior to the shelf LED turning GREEN (about 68 seconds), then the shelf with the new mux card may experience this problem. The customer would have to reseal the mux card and wait for the LED to turn GREEN to resolve the issue. Since the other IMT bus is fully operational through all this, and personell must be on-site to replace the mux card, this is a minor PR.
116617		3	Resolved	Defer	SIO is not reported in a consistent manner across UIMs (hex vs decimal).	No system impact, just a small fix to update the display of the SIO field from decimal to hex in a UIM.
116685		3	Resolved	Defer	Card state transitions to IS-ANR restricted at Thermal Alarm T1.	No system impact. The card state would just reflect an Inservice abnormal condition while at T1. No loss of functionality will occur until T2.
116699		3	Resolved	Defer	Card to Card UA associations are seeing UIM 1333 - IPGW TX MSG DISCARDED for SNM messages	IPG should not submit SNMs to the L2 routing key algorithm for transmit unless there are TALI sockets in use. SIGTRAN associations cannot transmit raw SNMs, instead they must be converted to UA SSNMs, and this is done in the MTPP subsystem, not in the normal transmit path. Customers will only see the UIM for card to card associations.
116771		3	Resolved	No-Fix	ARICENTPV_REL37.0: Lvl1 Severities MPRM_SR.CPP and TC_RCPY.C are observed on EAGLE	None
116886		3	Resolved	Defer	Telcordia - congestion related measurement pegs need better discription	The measurement description in the documentation for the following congestion related pegs need to be clarified: ECCNGLVX MSUDISCX
116908		3	Resolved	Defer	adl_mgr.c obits occur when booting DSMs	All DSMs that exhibit this obit reboot and attempt a reload. They usually load on the second attempt. This appears to be happening during OAM table loading before ever trying to load the RTDB.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
116984		3	Resolved	Defer	SSH - Telcordia - after command timeout on telnet terminal typing a new command recalls timed out command	Editing long commands using the arrow keys to navigate through the command can lead to erroneous command input on telnet terminals. The workaround is to backspace to the location of the problem and re-enter the command from that point
117260		3	Resolved	Defer	Action is not valid when FORBID=NONE in (E)GMS feature(s)	When Forbid=NONE, protocol doesn't care about the action data. The MSU will just be routed. Since Action param takes a default value as DISCARD, it may mislead the user when FORBID=NONE in RTRV-GSM MAP-SCRN response.
117356		3	Resolved	Defer	Telcordia - 35.0 audit - NCR: RSPs Concerning Prohibited PCs within nested clusters not sent immediately when TCR received	When a TCR concerning a nested cluster is received, the Eagle does not immediately send RSPs concerning the prohibited full point code routes. This could delay the Eagle from providing proper PC status.
117515		3	Resolved	Defer	MPL GPL downloaded to E5 card	Minimal system impact. This is caused by an incompatible card being placed in a slot provisioned as LIMDS0 type.
117539		3	Resolved	Defer	MOBR- 2 port cards are not detected by MOBR when enable-ctrl-feat is performed.	When a customer enables the FAK for MOBR and does not turn on the feature using the chg-ctrl-feat command, the enable-ctrl-feat command is accepted when there are 2 port ILA/EILA cards provisioned in the system. If these cards boot they will come up in a auto inhibited state. The MOBR feature should not be allowed to enable or turn on if two ports cards are provisioned.
117706		3	Resolved	Defer	SCP_TPS Sev 1 trouble when issuing a REPT-STAT-IPTPS when not linksets are provisioned.	No customer impact as it only occurs when there are no linksets provisioned in the Eagle.
117782		3	Resolved	Defer	Auto inhibition code is broken	No impact. Several other cards in the system work this way. If the wrong card is inserted in a slot provisioned for another card type, they typically boot.
117864		3	Resolved	Defer	RTRV-SECULOG displays an invalid month.	Minimal impact. The security log can be retrieved using methods other than time/date.
117905		3	Resolved	Defer	Copy-Disk command reject description is incorrect.	Minor confusion as inhibiting measurements must be research to track the replacement command: chg-meas:collect=off. The inh-meas command was obsoleted years ago.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
118011		3	Resolved	Defer	Code loading multiple card types of the same loading priority when one card type has problems can block cards from loading	This problem occurred when the upgrade terminated while the flash images were downloading on HCBlade cards. The upgrade attempted to return those cards to IS-NR. The cards kept booting because the upgrade terminated before completing the downloading of the target-release flash images. So the cards were attempting to load the target-release application GPLs while still running on the source-release flash GPLs. The work around is to complete the flashing of these cards. If the cards are properly loaded with the latest flash gpls the problem did not occur.
118016		3	Resolved	Defer	Array for m_num_chars_per_format[] has not been maintained	In cases of very heavy output, the UIM output may loose characters due to improper pacing.
118089		3	Resolved	Defer	15 minute measurement feature key affects eoam measurements	Unexpect impact on OAM measurements as a result of 15-Minute meas feature. FTP measurement reports from MCP are correct.
118226		3	Resolved	Defer	AricentPV_E5STC: "UAM: Congestion: Copy Function De-activated and Copy Function Activated" rcvd for IP links and not SE-HSLs.	Missing E5IS congestion UAM notifications for SE-HSLs and other LIMs will delay identification of problem when sockets go down.
118317		3	Resolved	Defer	IPSM card needs a connection monitor	The IPSM card can be left in a non-responsive state for extended periods of time (up to 2 hours) under certain circumstances.
118378		3	Resolved	Defer	TCP sockets not coming up on HCMIM with 64 links after init-card:appl=eroute cmd being executed	Sockets may take sometime to re-establish the connection, if ungraceful shutdown happens. For instance booting all EROUTE cards may result in the problem stated in the PR
118407		3	Resolved	Defer	REPT-STAT-SCCP Output Improvements	No system impact. The rept-stat-sccp report has worked this way for many years. Due to the time slicing of the report, the totals do not necessarily match up if one were to sum individual card MSU rates and compare to total MSU rates.
118540		3	Resolved	Defer	ARICENTPV_E5SLAN: TVG rate drops to 0 in rept-stat-slan:mode=perf	The tvg rate displayed is the instantaneous rate on the last second of a 15 second sliding window. Issuing the rept-stat-slan command multiple times allows the user to get a view of how the traffic is changing and mitigate the impact of this issue.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
118633		3	Resolved	Defer	rtrv-data-rtdb error of "one optional parameter required" should give more information	Sine the rtrv-data-rtdb command requires at least one of several optional parameters, more information is needed.
118871		3	Resolved	Defer	Measurement platform reports the card type ACM card rather than correctly identifying cards that is E5-ENT, DCM or SS-EDCM.	Nuisance UI issue. The Eagle incorrectly reports the card type as an ACM card rather than correctly identifying card the as an E5-SLAN card.
119129		3	Resolved	Defer	Measurement Statistic ENETCOLERR always reports zero	If driver stats are not pegged properly, then user would not able to view excessive collision error [ENETCOLERR]. The user could keep a track of collisions by using ENETBUSBSY.
119292		3	Resolved	Defer	AricentPV_E5STC:Incorrect display of 'AVERAGE TVG Capacity'	This generally happens when one of the STC cards is coming up and has been allocated an IP address. Since this is a temporary condition while a card is loading, and is a reporting issue only there is minimal customer impact.
119339		3	ReadyToTest	Active	Default Value Missing for Optional Parameters in the CHG-IP-LNK Command	Default values are missing for CHG-IP-LNK command. The values are missing in both 35 and 36 docs
119359		3	Resolved	Defer	ATH reported - Eagle Rel 35.0.0-56.23.13	No known customer impact.
119372		3	Resolved	Defer	ATH trouble not useful: Module ath_vxw_mgr. Line 1790 Severity 2	This ATH signals a normal error recovery path has been taken. There is no customer impact.
119426		3	Pending_Review	Duplicate	E5-SM4G Cards Will Not Cold Start	Cold start works for all SCCP cards when command is "init-card:appl=SCCP". The command with "appl=VS CCP" will only warm restart the SM4G cards.
119513		3	Resolved	Defer	SUA DUAD - Telcordia - UIM 1333 has an error output message	Typo in UIM report only. No customer impact.
119533		3	Resolved	Defer	Thermal Alarms do not work properly on E5-SLAN	In cases when the temperature of the CPU is very near the thermal level 2 and the card may begin shedding load, the thermal level 2 alarm may incorrectly show up and being turned off. In other words, the thermal level 1 alarm may show again. Once the temperate clearly exceed the thermal level 2 threshold, alarms work as intended and expected.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
119563		3	Resolved	Defer	rept-stat-card:appl=scpchc does not display E5-SM4G cards rept-stat-card:appl=vsccp does show scpchc cards	Minimal system impact. The correct appl value to use is sccp not scpchc. scpchc is a GPL not an application. The command should be rejected if scpchc is used.
119569		3	Resolved	Defer	SUA - SSP sent by Eagle indicates solitary when it is mated	For ITU-I, keeping the SMI=0 is no impact (since that is what is expected). For ITU-N/ANSI, keeping the SMI=0 may result in the receiving node detecting the invalid/unexpected value and possibly generating an alarm of that condition; the SSP/SST/SSA should still be processed by the receiving node.
119579		3	Pending_Review	Monitor	Periodic Copy De-activate on IP links (all link types)	
119647		3	Resolved	Defer	Telcordia - rtrv-rte:lsn=xxxx output does not give correct DPC type	No system impact. Rtrv-rte report column heading shows DPC instead DPCI.
120158		3	Resolved	Defer	EAGLE does not allow user to manipulate the listing order of a combined linkset	Customer will have to delete all provisioning in the system and then re-add the data back in the order that they would like it listed in the route table. The current behavior may not allow the customer to groom their network for load sharing without a great deal of re-provisioning.
120171		3	Resolved	Defer	ent-assoc cmd on E5 IPLIM gives incorrect error message for missing parameter	The "E4092 Cmd Rej: Too many associations per SLK" command error is misleading for ent-assoc command, it should say "missing mandatory parameter: port"
120201		3	Resolved	Defer	ent-dlk command should require subnet mask	if the network is routed, Proxy ARP must be enabled. Modern routers do not have this on by default.
120268		3	Resolved	Defer	Error Code 4186 not displaying precise information	No customer impact. Command reject error string contains incorrect feature name - "s".
120269		3	Resolved	Defer	ARPV: trp_tbl.c severity when DHCP on time expiry	DHCP lease expiry may result in time for a port of acquire IP
120310		3	Resolved	Defer	E5STC: "help" command generated Severity TMUXLIB2.C Line 729	The overall help command appears to be too long and produces these troubles towards the end of the output. Individual help on a command by command basis works fine.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
120356		3	Resolved	Defer	Feature status dependency in measurement command processing should be consistent	More nuisance, than real customer impact. Subtle inconsistency between enabling and turning on features in rept-meas.
120358		3	Resolved	Defer	IPGW and IPLIM sysstat -v debug-only PASS command shows very low percent after boot	The first time the debug-only sysstat -v command is executed on a IPGW or IPLIM card, the run percentage is extremely low, falsely implying that the card is malfunctioning.
120363		3	Resolved	Defer	Table-copy initialization failure on IPSM causes FTRA FTP transfer failure	Intermittently on busy systems (large systems with a lot of UIM/UAM traffic and IMT traffic), a DMS.CFG table-copy initialization fails during an IPSM boot. No error message is seen except on developer GPLs ("COPY-TBL Command Abort"). This table-copy initialization failure causes FTRA to fail its FTP transfer because the ACT-FTP-TRNS Eagle command will fail the 1st time. Error corrects itself after the 1st failure and all subsequent attempts will be successful.
120474		3	Resolved	Defer	msutrace -a chgfilter -m all should not be accepted	The command needs to be fixed so the incorrect command is rejected, the -m mode should be optional, and help text should say something like this: chgfilter chgfilter [fltrkey] [<-m mode>]. This is a debug command so there is no customer impact.
120479		3	Resolved	Defer	act-upgrade fails during Recovery C due to MCP card	Secondary fault requires manual intervention as noted in revised upgrade document. MCP card may require manual cold boot during failed upgrade/recovery.
120558		3	Resolved	Defer	Error in list dir command in FTP UPGRADE	The "ftpxfcr -z -m" command gives error "FTP UPGRADE, Error on list dir cmd (450)" while listing the directory contents in the linux FTP Server. The FTP Upgrade procedure cannot be performed on EAGLE. FTP upgrade is not available for use in the field so this has no impact to the customer base.
120612		3	Resolved	Defer	"AS Unrestricted" After init-card:loc=<active oam>	Technically this is cosmetic, but it gives the appearance that the AS had been restricted, even though there were no problems.
120668		3	Resolved	Defer	Add alarm thresholds to include/calculate all types of rtdb entries when EPAP is configured.	Change alarm threshold to include more than current LNP TN totals. Currently chg-th-alm can be configured, rtrv-alm-thres retrieved and changed while EPAP is configured but it does not work the same as ELAP.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
120744		3	Resolved	Defer	RTRV-FEAT CSV file shows wrong values for NUMENTRIES, MAXENTRIES parameters	RTRV-FEAT CSV file (retrieved through FTRA 4.0-40.11.0 , EAGLE 5 ISS Release 37.0.0-58.19.0) shows NUMENTRIES, MAXENTRIES values as 34 whereas in total they are 32. There is no customer impact.
120871		3	Resolved	Defer	CDPA Screening Table Capacity Reported Incorrectly	Customer may over provision CDPA rules when relying on the percentage full information. The over provisioning can cause incomplete screening rules download to network card.
120899		3	Resolved	Defer	ANSI and ETSI traffic over ATM is not co-relating from one IMF	IAS Customer may incorrect correlation on data coming from ATM links
120947		3	Resolved	Defer	send-msg output display annoying control characters	The control-I characters at the beginning of each display line are annoying, and need to be removed
121103		3	Pending_Review	Defer	Module OS_UTL.C Line 543 Class 01bb Severity 1 during HIPR Hourly report	HIPR hourly status is incomplete, some data is not included in the results of the hourly report.
121163		3	Resolved	Defer	REPT-STAT-SCCP:MODE=PERF Incorrectly Reports Peak SSCP Traffic and Total MSU/S when DSM Cards are Added to Eagle	11 of 22 E5-SM4G cards were replaced with DSM cards. Erroneous information reported for a short period of time while DSM cards loading.
121185		3	Resolved	No-Fix	SUA - Telcordia - After receipt of UPU and conversion to DUPU eagle does not send SSTs with SSN=1	When the Eagle receives a UPU, it converts the UPU to a DUPU and correctly sends it to the ASPs. The Eagle does not sent periodic SSTs for the affected SSN.
121220		3	Resolved	Defer	During Upgrade all E5ENETs must "Retry" at the "Allowing card" step	E5-ENET cards are taking longer than the 1-minute wait time that the upgrade code allows. On retry, the card is back and loading so the code continues with upgrade.
121327		3	Pending_Review	Defer	SUA - Telcordia - When AS goes down duplicate prohibited UAM messages generated	No system impact. DPC alarm raised twice because the first time it is processing DPC information, and while processing the DPC SS status changed it raises the alarm a second time. This has no impact to Harris alarm monitoring either.
121360		3	Resolved	Defer	copy-tbl aborted message generated during phase 3 of upgrade	None. The IPS card is attempting to download the dsm1024.cfg file upon initializaiton. The table copy is aborted and the table is not loaded on the card, if this table is not copied the service of the card is not impacted.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
121754		3	Resolved	Defer	Telcordia - multiplicity indicator (SMI) not set correctly in SSA response to SST message	SMI field in Eagle-generated SSA will contain the value from the SST, rather than the value from the MAP table which could mislead the far end.
121796		3	Resolved	Defer	rtrv-gws-redirect table display is not properly aligned	Does not look good visually.
122020	Y	3	Resolved	Defer	IPSM telnet session remains open after the user is finished.	User is unable to access any IDLE telnet terminal ports via the IPSM card without first executing an inhibit and then allow command for the terminal port in need of access from another telnet terminal port.
122031	Y	3	Pending_Review	Defer	Change IPSM terminal to type EMSALM. Does not output logs until inhibit/allow card.	Customer has to inhibit the entire IPSM card - which drops all current connections to this card - in order to get functionality for the EMSALM terminal.
122047		3	Resolved	Defer	No UIM for BICC MSU discard for Conversion too Large (Chained Buffer Not Supported on lowspeed)	If a BICC MSU is received on an ITU SS7 link, where DPC is ANSI alias such that after the MSU is converted it will be greater than 272 bytes, the MSU is discarded, but no UIM is issued. This behavior is the same with and without MOBR feature, and same whether outbound route is IP link or SS7 link. The following Sev 1 is generated, just no UIM: tklc1071501 07-06-20 08:39:47 EDT EAGLE5 37.0.0-58.20.35 Card 1308 Module CNV_MGR.C Line 1269 Class 302a Severity 1 16 00 00 02 17 50 01 01 89 01 43 18 40 28 01 a9P....C.@(.. 96 3f 0d ec e6 72 02 00 00 01 00 00 00 00 02 ?...r..... 0c 0a 00 00 21 43 65 87!Ce.
122100		3	Resolved	No-Fix	Day-to-hour measurements are missing final daily interval	None
122232	Y	3	Resolved	Defer	DDB Checksum not updated on LIM card after removing all links	Customer's system will show incorrect DPC/Route status if the EAGLE does not automatically remove the card from the Checksum "table". Customer is forced to reboot the card to accomplish this.
122528		3	Resolved	Defer	SSH Key exchange failure when host keys change on the Eagle	Manual key file changes/reset may be required for end-equipment.
122747		3	Resolved	Defer	rept-stat-gpl:display=all does not show GPL's for cards not running an application	This could mis-lead customers if there are unprovisioned cards in the system which are running Comm, BIOS, OS and/or FPGA GPL's which won't be reported with this command.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
122761		3	Resolved	Defer	RTD cksum errors may occur when large BICC MSUs are routed as result of merge of 35.6 features to 37.5	No MSU integrity checks will be done on BICC traffic.
122978		3	Resolved	Defer	Measurements component link and linkset register name SDURECVD should be SDPDURCV	Affect ATM link users only - apparently little impact other than nuisance of mis-spelled measurement register.
123146		3	Resolved	Defer	EOAM needs to begin restricting RTX OPC provisioning to prevent CRD issues	Chg-rtx does not keep a customer from entering circular routing on hte ILSN linkset.
123172		3	Resolved	Defer	Authority Violation on login	This issue occurs occasionally after running a lab automated test suite that opens and closes 6 secure connections every 30 seconds while running a longer duration 'cocoanut script simulator' with high levels of debug output and UIM output. The workaround is to inhibit and allow the impacted terminal.
123174		3	Resolved	Defer	ssh telnet server busy	This issue occurs with 6 secure connection sessions being opened and closed every 30 seconds while running a 'cocoanut script simulator' constantly. In addition, there are extremely high levels of UIM and debug output being generated out each active telnet session. This activity is well above anything that would normally be experienced at a customer site for even a short duration and this is running at this level for 6 to 12 hours.
123369		3	Resolved	Defer	Service Selectors process MSUs even though SCCP Service is offline/disabled	There is an inconsistency regarding GPORT / APORT SCCP Service being offline vs online with Service Selectors. For example, srvsel=MNPSMS will process matching MSUs and will peg as such under GPORT Service in rept-stat-sccp.... this is independent of whether chg-sccp-serv:serv=GPORT is offline or online.
123661		3	Resolved	Defer	AUT EOAM p_108070.c Using Deleted tvg_oam_get_vsccp_capacity	The development and recursion test teams will not be able to use the specified AUT until it is repaired.
123751		3	Resolved	Defer	SOIP - chg-seas-config allows the seas IP address to be set to the same value as the IPSM card.	When provisioning the SEAS over IP feature, the eagle allowed the SEAS IP address to be set to an IP address that already existed in the IP link table. Minor customer impact since the user will be unable to connect to the IPMR(s). This will generate SEAS unavailable alarms. The maintenance manual has the procedure for diagnosing the causes of this alarm.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
123752		3	Resolved	Defer	eagle allows ent-ftp-serv to set IP address to an existing value in ip-lnk table	When provisioning the measurements platform feature, the eagle allowed the ftp serv ip address to be set to an IP address that already existed in the IP link table. Diagnosis of duplicate IP address provisioning is more difficult.
123756		3	Resolved	Defer	chg-ip-lnk allows IP addresses to be entered that are already in seas config or ftp serv table	The eagle allows ip addresses that already exist in the seas config table or FTP serv table to be entered in the chg-ip-lnk table. Diagnosis of duplicate IP address provisioning is more difficult.
123860		3	Resolved	Defer	Customer cannot change GSM2IS41 prefix from Multiple to Single	After upgrade from pre-EAGLE 36 to post EAGLE 36, if the Migration Feature was active, then the GSMOPTS:GSMPRX is set to multiple. Customers should have the ability to change to SINGLE and use GSM2IS41.
123877	Y	3	ReadyToTest	Active	IDP Relay doesn't support service key greater than 1-byte	Call is routed to the SCP without any changes (routed on GTT only). No RN is added to the number.
123934	Y	3	Resolved	No-Fix	rtrv-stp command will report the second slot used by a dual slot card as empty	Customer impact is minor however when a dual slot card is present in the system they would like to see an indication other than EMPTY for the adjacent slot.
123981		3	ReadyToTest	Active	T1000 MPS Platform SW Manual contains unnecessary material	Information on Network Element ASPs was included in EAGLE release 37.0, but is not part of the MPS. There is no impact on the system.
123987		3	Resolved	Defer	TFP/TFA not available to an adjacent point code having an Indirect Route	Broadcast TFX messages may not work correctly, if the system has more than 25 failed linksets. If an APC is not notified with TFP, it may continue to send messages to destination. Although a broadcast TFP is not sent but response method TFP will take care of notifying nodes, if they try to route message to concerned point code. Hence the reason to be minor
124035		3	Resolved	Defer	uias_cmd.c line 534 appears when dlt-trace command entered by itself or with an invalid trace ID	If a customer enters the ent-trace command by itself (no trace ID specified) or enter an invalid trace ID, the sev 1 trouble is generated. There is no customer impact.
124036		3	Resolved	Defer	gta_dbup.c Line 1313 trouble when doing the dlt-map command	The error is produced when we attempt to update the PC status attached to a route with an invalid route index. There is no functional impact.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
124097		3	Resolved	Defer	SEAS - Eagle incorrectly reporting X.25 UAL status	Eagle is incorrectly reporting the SEAS x.25 status: 1) PVC Status Incorrect – when two PVCs were taken down, the rept-stat-seas shows all 3 PVCs IS-NR 2) UAM reflects incorrect pvc number when pvc taken down or restored.
124101		3	ReadyToTest	Active	ent-trace does not accept DN when only Migration feature is active	Makes debugging field issues very difficult.
124118		3	Resolved	Defer	SPC is changed in Chg-dstn when links to the destination are active	The chg-dstn:dpc=8-8-3:spc=3-3-4 command is successfully completed without checking links to see if it is in-service.
124151		3	Resolved	Defer	after init-sys, MASP reported sev 1 trouble dbcd_rtx.c Line 3050	After init-sys, the sev 1 error was output. There is no apparent system impact.
124183		3	ReadyToTest	Active	MOBR will not enabled with dual slot DCM STC cards in system	Customers can't turn on MOBR if there is unsupported hardware in the system, even if it is provisioned as an STC card. Customer would have to remove the STC cards, provision the feature, then reprovision the STC cards to get around this. This is not a problem in rel 37.0.
124219		3	Resolved	Defer	Module MTOS_MSB.C Line 362 Class 1012 seen when reloading all DSMs	There does not appear to be any adverse impact on the system. From the log files all SCCP cards reloaded normally and within a reasonable time window. An init-card:appl=vsccp command issued 30 minutes after the original did not result in the MTOS_MSB ATHs.
124268		3	Resolved	Defer	MLS - DPC of SCCP management messages is not verified before they are processed	If a Eagle receives a message with DPC=MLS SPC and OPC= non adjacent point code then Eagle process that message instead of discarding it.
124357		3	Resolved	Defer	Module scm_bkgd.c Line 2944 trouble seen after executing INIT-SYS:DATA=PERSIST	The errors are due to tvg capacity issues on the card. The tvg information will be updated as soon as the correct information is received by OAM. There is no impact to the system.
124395		3	Resolved	Defer	Module idle_tsk.c trouble seen after executing an INIT-NETWORK:FORCE=YES	The customer will have to reissue the INIT-NETWORK:FORCE=YES command when this is seen. There is no other apparent impact.
124451		3	Resolved	Defer	Module mprm_sr.cpp displayed after booting OAM for upgrade	Initial data transfer to standby MCP is incomplete. Only impact is historical data in the event of MCP role change, e.g. rept-ftp-meas for prior period after a MCP role change.
124465		3	Resolved	Defer	sctp pass command's -r and -m options are not working properly	User unable to use the "sctp -r a/p aname/port" pass command to clear the pegs for a particular assoc/port

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
124470		3	Resolved	Defer	GLS card recieved multiple obits during 37.5-58.30 upgrade	This is because the GLS card binder and gldr ran out of screenset buffers. The ATH errors will go away after the card is re-initialized. Card eventually stops reloading and GWS functions perform without any issues.
124530		3	Pending_Review	Defer	rtrv-tbl-capacity reports failures when issued still in upgrade	No system impact. DB commands are typically not allowed during upgrade, after booting out of upgrade, everything seemed fine
124558		3	Resolved	Defer	cannot flash SM4G cards	If such a card is placed in a customers site Sev 1 errors will be output indicating an issue with the card. It will need to be returned to Tekelec in order to be correctly flashed.
124560		3	Resolved	Defer	37.0 - 58.20.34 to 37.5 - 58.30.0 - Upgrade failure during phase 0	<p>If the following DMS errors are seen the upgrade will fail:</p> <pre>tklc1200701 07-09-17 13:37:10 EST EAGLE5 37.0.0-58.20.34 Upg Phase 0 Card 1115 Module DMS_UTL.C Line 2282 DMS Error Error writing Inactive Partition table 529 on standby TDM (A);</pre> <p>Requesting application id: H'001e; DMS0002: table not found on disk.</p> <p>Through the use of health checks, the system should be determined to be stable enough to perform the upgrade.</p>
124701		3	Resolved	Defer	Module tvg_hipr.c Line 1592 seen periodically	During the script that boots most of the SCCP cards, they'll try to crossload the cards coming up. Crossloading can take up to 8 seconds to do (expecially when the system is stressed). During that time medium priority processes are blocked, which is where the grant refresh is issued from. Since it can't run, a TVG_HIPR trouble is generated. Once medium priority processes are unblocked, the grant rate will be refreshed as normal.
124716		3	Resolved	Defer	E5-IPSM: ACT-FTP-TRNS command fails with Module dms_prep.c , Module tco_utl.c , Module tcm_mgr.c	Troubles are generated instead of rejecting the command. Retrying the command works fine.
124717		3	Resolved	Defer	SOIP - eagle is incorrectly reporting the gateway activity to SEAS when thresholds are exceeded	when both the messages and rejection activity are exceeded Eagle sends two messages to each tcpipr each reporting both thresholds (should be sent to each mr once, or report each threshold separately):

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
124725		3	Resolved	Defer	SEAS- extraneous rept-rteuav messages are being sent after MASP initialization	SEAS- extraneous rept-rteuav messages are being sent after MASP initialization
124736		3	Resolved	Defer	Module tosil_md.c Line 1104 trouble seen during overnight traffic run	No customer impact - Corrupted message will be discarded by the hmux card.
124738		3	Resolved	Defer	Module hipr_rx_mgr. Line 364 seen during overnight traffic run	This is caused by a message that the HIPR does not recognize. It was an HSU that came from IMT card address 35 which is the card at 2206. 2206 was trying to send a "Cluster Management" message which HIPR does not do and it was using a destination subsystem which is invalid. There is no customer impact as the invalid message will be discarded.
124938		3	Resolved	Defer	Sev 1 ATH observed when dlt-trace is specified without parameters	No system impact. The Sev 1 errors are due to unexpected command termination.
124950		3	Resolved	Defer	Module lb_mgr.c troubles seen during overnight traffic run	During the DSM Boot script (where the SCCP Subsystem is constantly reset) the load balance manager is unable to complete load balance within the engineered limits and produces this trouble. This isn't a concern to date because the SCCP cards do not use LB anymore.
125107		3	Resolved	Defer	MLS - One-time response method TFRs/TCRs not sent when secondary routes being used have secondary point codes	Eagle may not generate a one time response TFR/TCR message for a destination that is restricted when the secondary routes being used have secondary point codes.
125211		3	Resolved	Defer	Telcordia - 37.5 audit - Eagle is sending incorrect multiplicity indicator in broadcast SSP/SSA	SSP/SSA broadcast messages generated by EAGLE for solitary subsystem specify incorrect subsystem multiplicity indicator "Affected subsystem is duplicated". Should have minimal impact on customer network
125234		3	Resolved	Defer	General card maintenance commands (MBUS commands) depend on a Virtual Circuit to the MASP	Card may not boot when init command is sent.
125268		3	Resolved	No-Fix	E5 ATM HSL driver does not support DL channel Periodic Performance Reports	None

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
125277		3	Resolved	Defer	Telcordia-37.5 audit - SCTP - SUT did not retransmit Max.Init times when it didn't receive INIT ACK response	SUT did retransmit INIT chunk 5 times when it didn't receive the INIT-ACK response from the peer end, but it is less than association maxInitTimes (10) before it takes the association down. This may cause the link to take longer to align.
125280		3	Resolved	Defer	Need better upgrade recovery from problems with MO/ MDAL	A problem with the MDAL/MO caused the system to take 12 1/2 minutes to do a copy-gpl. There was no indication of a problem during the upgrade.
125308		3	Resolved	Defer	IPSM card stops responding to ping packets after hot swap.	If IPSM card connected to a Switch in which either "spanning-tree portfast" option is not "ON" or "spanning-tree portfast" option is not supported, is hot-swapped, then remote user shall not be able to connect to the card for ~30 second i.e till the ARP entry is refreshed on the user machine. A workaround to resolve this is to enable "spanning-tree portfast" option on the Switch port to which IPSM port is connected. This would enable the remote user to connect to IPSM card without any delay.
125408	Y	3	Resolved	Defer	Rtrv-log command not working	No alarms log data will be available which could impact the customer's ability to troubleshoot problems.
125425		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET sent LSPEs instead of LSPNs after receiving LSPE for which it had previously sent LSPN	This PR is about M2PA link initial alignment status indication procedures being non-compliant with GR-246-CORE. There is no impact on the alignment of M2PA links since it aligns during appropriate (normal or emergency) proving period based on the alignment status of remote signaling link.
125428		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET started proving by sending an LSPE when it received LSA on data stream 1	Incoming LSA triggered alignment procedure and link was back in service after emergency proving period.
125429		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET sent an LSOS instead of discarding an SLTM received with an incremented FSN	Issue was found during M2PA audit testing at Telecordia. Issue is not service impacting since the link restores back to in-service after receiving SLTM with incorrect FSN.
125431		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET sent LSOS 3.7753 seconds (instead of ABORT) after not receiving SACKs for ACKs at SCTP	There should be no impact since the link was removed from service and either end may initiate re-establishment of the association. The E5-ENET card started realignment procedures following transmission of LSOS.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
125440		3	Resolved	Defer	Eagle generating gateway activity threshold UIM 1154 for linkset with gwsm=off, gwsa=off	System outputs a gateway activity threshold UIM for a linkset when there is a scrset provisioned but gwsm=off, gwsa=off with SEAS turn on. No known system impact.
125501		3	Resolved	Defer	sih_mgr.c Line 948 seen during DSM boot script	No system impact. This appears to happen only during duration test runs where DSMs are continuously being booted. A UIM may not be presented to the user due to a multi-part UIM being overwritten under extreme output conditions.
125544		3	Resolved	Defer	tlac_lim.c Line 2295 generated on LIM E1 card after init-sys	There exists a rare race condition in the Eagle during massive network events (INIT-SYS) where some events can be received out of order. This appears to be one of those events. This normally is benign because the Eagle only complains about this and recovers. There should be no impact to the customer.
125549		3	Resolved	Defer	IP default settings cause Excess Retransmit alarms under low traffic load	When using Default SCTP Association RMIN setting, the Eagle may generate Excessive Retransmit Alarms for the SCTP Association connected to another vendor when traffic rate is low. One may stop the Alarms by setting RMIN to a higher value.
125648		3	Resolved	Defer	Obit on MCPM card after warm restart	MCPs should have doubled booted to cold boot during or following upgrade to clear initial conversion failure. Subsequent cold boot just delays the timing of the initial cold boot. Assuming init-sys during a maintenance window, same as upgrade, there is no real customer impact.
125723		3	Resolved	Defer	Legacy issues found during ARHOST MT	<p>These scenarios are uncommon and therefore unlikely to impact the Eagle usability.</p> <ol style="list-style-type: none"> 1) When a invalid hostname is received in INIT-ACK for first time and in response to 2nd INIT (re-init) INIT-ACK is received with valid hostname of lesser length, then eagle sends abort with error cause "unresolved host". This is due to strncpy function not followed by NULL char assignment. 2) When invalid hostname is sent to Eagle in init-ack, abort is returned but padding bytes are missing (ethereal displays malformed packet). 3) When eagle receives init-ack with hostname as well as ipaddr list, the concerned card stops responding. The sctpRDIP process moves to SUSPEND+I state, thus not receives any message from network.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
125763		3	Resolved	Defer	Telcordia Audit - M3UA - Unnecessary Notify messages are sent when no AS change is made	No significant impact, the Eagle would send Notify messages after receiving invalid ASP maintenance messages, even though there was no change in AS state.
125815		3	Resolved	Defer	Card 1115 Module uias_cmd.c Line 534 Class 01d0 Severity 1	The DLT-TRACE:TRACEID=4 command was run for an entry that doesn't exist in the TRACE queue causing the Severity 1 error to be displayed.
125818		3	Resolved	Defer	scheduled OAM systot reports to the UI showing incorrect time	UI reports when extracted from Measurements Platform after 15-minute collection has been turn on then off again will show incorrect report time. FTP'd measurements reports are correct
125820		3	Resolved	No-Fix	Telcordia - SEAS - VFY-DSTN for any member within network id returned Clusters (erroneously) in addition to FPC dest	Cluster information is returned by SEAS vfy-dstn command when it wasn't expected. This is just additional output that MR would receive when performing this command.
125821		3	Resolved	Defer	Telcordia - SEAS - ADD-LS doesn't accept correct supplier specific parameters	ADD-LS doesn't accept correct supplier specific parameters. Use of Eagle UI is necessary to enter these specific fields (bei, slci).
125822		3	Resolved	Defer	Telcordia - 37.5 audit MTP3 - TCA not sent to mate to clear preventative TCP	Since the Eagle did not send a TCA to the mate to clear the PC, the clearing of that PC will be delayed until T17 expires on the Mate causing it to perform a RST poll over the mate linkset. The Eagle will then respond with a TCA, clearing the condition on the Mate STP.
125823		3	Resolved	Defer	Telcordia- 37.5 audit MTP3 - unnecessary preventive TFP concerning x-listed member is sent when TFR is received	Unnecessary network management msgs will be sent across the link. These nodes are already in this state so the only impact on the network is a small increase on link utilization.
125873		3	Pending_Review	Defer	2 Sev 1's Module dms_prep.c Line 3030 Class 0b0c AND Module sth_utl.c Line 1844 Class 0001	Under a certain combination of conditions - the log buffer just wrapped around, with less than 4 troubles to be logged - an attempt to log the last 4 trouble reports at the end of the buffer fails. Note that after wrap-around has occurred, the troubles at the end of the buffer are ignored anyway, with only those at the start being logged.
125914		3	Pending_Review	Invalid	Telcordia - 37.5 Audit - SUA - SSA for remote SSN=1 Ignored by EAGLE	

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
125928		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS-chg-gtwy-ls with null values overwrites previous supplier specific values	On the SEAS- chg-gtwy-ls command a null value for supplier specific parameter field overwrites existing values with default values.
125946		3	Pending_Review	Monitor	E5-SM4G Card Boots with icc sanity.c Obit	
125951		3	Resolved	Defer	The OPC encoding may no reflect MLS OPC in TFC/UPU generated for IPGW cards	<p>UPU Encoding :</p> <p>OPC encoding may not reflect MLS SPC if</p> <ol style="list-style-type: none"> 1. MLS feature is ON AND 2. Incoming linkset has MLS SPC assigned. AND 3. The OPC of incoming MSU is adjacent point code AND 4. The MSU involves IPGW in processing (say remote user application is down in END office feature) AND 5. if step 3 is TRUE, then none of the linksets defined to that adjacent point code uses Eagle's TPC <p>Then OPC of UPU may end up having Eagle's TSPC instead of a valid MLS SPC.</p> <p>Same holds true for TFC.</p>
125952		3	Pending_Review	Defer	After init-card:loc=(activeOAM), Module scm_utl3.c Line 3699 Class 01c1 severity 1 was generated	No customer impact - this is informational and indicates a minor initialization issue when switching over from standby to active MASP.
125990		3	Resolved	Defer	Module meas_dth.c Line 510 Class 0001 Severity 1	Some data for the STP-DTH & associate daily measurements would be lost, either 15 minute or 30-minutes depending upon whether 15-minute collection is on or not. Given this occurred during init-sys which would have caused many cards to reset, the relative loss of data associated with this error is small.
126014		3	Resolved	No-Fix	Untested ATM HSL Driver Test Cases	None
126054	Y	3	Resolved	Defer	HS Clock Alarm Displayed, But No HS Clock Config'd	Clock status presented to user could be confusing during troubleshooting.
126058		3	Pending_Review	Defer	Telcordia - 37.5 audit - MTP restart - if T25 running, Eagle stops sending response TFP after expiration of T24	Response method TFPs are being sent during restart up until the expiration of T24. However, if T25 is still running beyond the expiration of T24, response TFPs are not sent for the remainder of T25.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
126110		3	ReadyToTest	Active	Telcordia - audit - MTP3 - Eagle sending TCR instead of TFR in response to RSP for xlist entry	No customer impact. instead of TFR for deleted xlist a TCR is sent, which is a right reflection of cluster status.
126113		3	Resolved	Defer	Remove hard-coded Table titles in x-refs	None. hard codes look no different to customer.
126196		3	Resolved	Defer	Telcordia - audit NCR - unnecessary TFRs concerning FPC members of nested cluster are sent to cancel preventive TFPs	Duplicate TFRs sent for nested cluster FPC. A TFR to the normal route is sent immediately (to allow backrouting). When T11, TFRs are sent to all non-current routes, so the normal route gets another TFR.
126264	Y	3	Pending_Investigation	More Information	The Eagle is not sending Subsystem Prohibit (SSP) messages to PC listed in the CSPC table	SSPs are not sent to the nodes listed in the CSPC table.
126497		3	Resolved	No-Fix	A loc value of 1100 for the ent-shlf and dlt-shlf commands is not recognized as a valid value	None
126541		3	Pending_Review	Duplicate	Telcordia - SOIP - REPT-LKF for HSL Not Sent over SEAS Interface	
126705		3	Resolved	Defer	IPLIM/IPGW cards can take over 5 minutes to go IS-NR after INIT	reload time is longer than expected
126709		3	Pending_Review	Monitor	Cards did not load after DB restore	
126753		3	Resolved	Defer	AMGTT: RTRV-FEAT csv shows wrong value of NUMENTRIES.	This is not likely to occur as features are not normally removed from customer system. Also only FTRA CSV files. When a feature is removed the total number of features reported may be more than there actually are.
126762	Y	3	ReadyToTest	Active	The feature "Support for 32 Prepaid SMS Intercept Platforms" does not require the Transaction-Based Weighted GTT feature to b	Customer wants to raise the PR for this document error
126778		3	Resolved	No-Fix	GFLEX MLR: 2 UIMs not generated when GFLEX fails and GTT translated PC is OOS	None

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
126779		3	Resolved	No-Fix	GFLEX MLR: 2 UIMs not generated when GFLEX fails and GTT translation doesn't exist	None
126796	Y	3	Resolved	Defer	HC MIM and E5 E1/T1 reset if link incorrectly configured when card is loading.	May reset a link in the LOF state up to 5 times when card first comes up.
126800		3	Resolved	Defer	IDPR PREFIX table allowed user to enter duplicate entries	duplicate entries in table - wasted space
126931		3	Resolved	No-Fix	REL 38.0 : Wrong error generated while enabling LNP feature.	There is no impact in the Command Error Recovery manual.
126932		3	Resolved	Defer	GFLEX MLR: No error generated for non-existing CCNC in CHG-GSMPOPTS	The customer can do a rtrv-gsmopts to see that the option ccnc=1234 is not available. Therefore they can not change it.
126945		3	Resolved	Defer	Command response reporting incorrect for init-card:appl=xxxx command	The issue is that the spacing is incorrect between the words "IPSG" and "cards". There should only be one space in between these two words. If a customer is automatically scanning for output it could be missed.
126961		3	Pending_Review	Defer	MLS - Unnecessary TFRs are sent on an alt route when a higher-priority alt route becomes available	No customer impact except a large amount of unnecessary Network Management messages are reported.
126989		3	Resolved	No-Fix	Module ath_vxw_mgr. Line 1778 Class 01b2 Severity 2 - when card is inhibited.	None
127166		3	Resolved	No-Fix	Pass command, Ping is accepting the command even for an invalid destination addresses	none
127168		3	Resolved	Defer	Couple of display issues in PASS commands	Minimal - sometimes pass command output is not formatted ideally and is hard to read.
127179		3	Resolved	Defer	ATM loopback cell incorrectly encoded	E5-ATM based connections can be correctly verified using standard test equipment, other E5-ATM cards, and other ATM end nodes. HCAP based cards cannot test against any other card than another HCAP card and that testing may be impaired.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
127180		3	Resolved	Defer	MTSMSNP: Unexpected ecd_sccp.c Severity 1 reported with UIM1232 SCCP Encode Failure	APOINT puts out a Sev 1 ATH and UIM 1232 while trying to send an ACK to incoming MSUs with SCCP CGPA GTI as 1 (unsupported).
127385		3	Resolved	Defer	ent-trace rejects DN as parameter if IGM only is enabled	Debug command only impacted. May take TAC longer to trouble shoot an IGM issue.
127386		3	Resolved	Defer	ent-trace control list for entity is incorrect	Debug command impact only.
127466	Y	3	Pending_Review	Defer	Missing Command for rtrv-slk:loc=xxxx where xxxx = cards of type IPLHC in HC	None.
127520	Y	3	Resolved	Defer	UAM 0040 GPL SYSTEM SCCP GPL is Corrupted Displayed - Procedure from Maint Manual Did Not Clear UAM	The Eagle is misreporting thus the customer can not tell if they have a real issue or not.
127644		3	Resolved	No-Fix	AMGTT: CdPA isn't getting modified in SRI Ack	None noted
127705		3	Resolved	Defer	Module acl_flash.c Line 1230 Class 01c3	None expected as problem has not been found in production boards
127730		3	Resolved	No-Fix	Telcordia, Unexpected TFAs sent to adjacent STPs when TFPs received	fix TFAs so they occur as they are supposed to
127764		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - MTPRSE Parameter in ADD/chg-LS Must Be Null if Restart Feature Off	Customer must use Null in place of "0", even though the spec says "0" should be accepted.
127767		3	Pending_Review	Defer	Telcordia - 37.5 audit - SEAS EAGLE accepted remarks parameter in various add/chg commands - instead of sending error	Customer may wonder what happened to their comment.
127773		3	Submitted	More Information	Telcordia - 37.5 audit - SEAS Register MSUDISC2 in P_COMP Reports Too Few Messages	
127775		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - Remotely Congested Links Reported as "OOS" in D_MTCS report	The customer using SEAS cannot distinguish OOS-MT from OOS-MT-DSBLD since we only put out OOS. We need to put out 'UNAV' for OOS-MT and 'OOS' for OOS-MT-DSBLD.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
127776		3	Pending_Review	Defer	Telcordia - 37.5 audit - SEAS - Eagle Does Not Allow PRI=* for CHG-SCRSIO When Entry Contained Range of 0-3	SEAS requires the range to be specified rather than '*', but the user can still do what is needed for provisioning.
127777		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - Register MSUDISC3 Present in P_MTCD	Extra register in SEAS MTCD-LINK reports.
127778		3	Pending_Review	Monitor	Telcordia - 37.5 audit - SEAS - VFY All Entries Response for Some GWS Tables Temporarily Returned Partial Values	
127825		3	Pending_Review	Defer	Telcordia - audit - M2PA - Alignment Repeatedly Reattempted Upon Receipt of a Looped SLTM	M2PA link is unavailable to handle traffic as long as the link receives the same SLTM in a loop.
127826		3	Resolved	Defer	Telcordia - audit - UIM 453 needs a better description in the documentation	the text may not be as clear as it could.
127879		3	Resolved	No-Fix	"RTDB database capacity is 80% full" alarm is not getting cleared for E5SM4G card on EAGLE 38.0.	DUP of PR 127309.
127901		3	Resolved	No-Fix	Telcordia, Received SSCOP PDUs with the PAD field coded to a value other than 0 were not treated as valid PDUs.	We will reject any non-SD SSCOP PDU that uses UU and is greater than 12 bytes
127907		3	Resolved	Defer	Telcordia, T1 timer slightly long	Time controlled re-routing due to remote link inhibit may cause traffic to be buffered longer than the provisioned L3 T1 value. (have senn 95ms longer in lab.)
127909		3	Resolved	No-Fix	Telcordia, Missing preventive TFP on unavailable route of equal priority	None noted
127926		3	Resolved	Defer	Command "init-card:appl=scphc:loc=<loc of E5SM4G card>" should be rejected at Eagle	The customer will boot the card at the location specified instead of the command being rejected.
127938	Y	3	ReadyToTest	Active	UIM 1373 missing in R37 documentation	no customer impact, except the inability to understand the UIM display

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
127989		3	Resolved	Defer	Severity gta_dbup.c is observed at EAGLE when we give DLT-MAP command	The impact is that an invalid error message is being displayed to the user if they delete the MAP entry associated with their STP's subsystem.
128006	Y	3	ReadyToTest	Active	0558 UIM has been added to R 37.5.0-58.41.0 customer docs without a troubleshooting procedure	Customer does not know how to troubleshoot UIM 0558 and would like the procedure added to the doc set.
128026		3	Resolved	Defer	EAGLE command string length exceeded error message needed	The user is not notified if a command exceeds 150 characters and may mistakenly provision a partial value.
128130		3	Resolved	Defer	Support TST-SLK:LOOPBACK=SLTC missing from IPLIMx cards for M2PA Links	Minimal since this is just a more robust use SLT for testing than what is automatically performed on the link.
128195	Y	3	Resolved	Defer	UIM 1016 does not output OPC when it is not in routing table	Customer can not tell received msu that the Point Code displayed as 14 dashes is in fact an invalid PC with all "0".
128286		3	Resolved	Defer	6WAYRS: AR_DEV_38.0:TST-RS Support required for IPSG GPL	This feature is not yet available
128297		3	Resolved	Defer	Telcordia, sigtran meas, RGLBLSET value increased for some schedules	RGLBLSET value increases for some schedules with no change in register content. This is for SEAS.
128300		3	Resolved	No-Fix	Telcordia, sigtran meas, P_COMP/MTCD schedules used new message and octet register names	None
128304		3	Resolved	Defer	Telcordia, sigtran meas, ECLNKXCO was not correct for M2PA links	This only impacts customers using china protocol for layer 2 and layer 3. It counts all changeovers not just the ones the XCO is sent for.
128307		3	Resolved	Defer	Telcordia, sigtran meas, MTCPTH TLNKACTV was not correct for HSL links	Due to link activity being defined as the total time actually transmitting versus the amount of idle time IP link value appears to be very high. This may give customer misconception that link is not processing traffic correctly.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
128329		3	Resolved	Defer	Telcordia, LIM-ATM Meas Issue w/ Congestion	<p>Might mislead customer that there was very little congestion on the link. TDCNGLV1 is pegged only when the elapsed time (while the link is in CNGLV1) is > 500 ms. The time is rounded up if greater than 500 msec unit and pegged in TDCNGLV1. So if Congestion remains for small duration say 400 ms, nothing would be pegged.</p> <p>Now in this case, as evident from the capture and value of the counter ECCNGLV1, the link went into Congestion 1 and abatements multiple times within short durations. Hence TDCNGLV1 would be equal to duration/sum of durations that are greater than 500 ms during which link was in congestion for time.</p>
128433	Y	3	ReadyToTest	Active	Eagle 5 ISS R37.5 Maintenance Manual 910-5055-001 Rev B Nov. 2007 page 3-153 - UAM 0114 troubleshooting	This troubleshooting procedure is confusing to the customer and does not reflect the real system problem.
128510	Y	3	Assigned	Active	Limitation to the maximum number of characters on the command line input on telnet terminals is not documented	The documentation Command Manual does not reflect the fact that the characters will be rejected after the 128th character using telnet. This is misleading to the customer who will have to provide more than one line of input to provision all the desired fields for an entry in the GTT database.
128555		3	Resolved	Defer	EOAM - rept-imt-lvl1 is FAR to slow	None - This is how the command currently operates. This PR would make it go faster.
128583		3	Resolved	Defer	IPSG: Telcordia, Sigtran, seas, MSGSTRAN value was 1greater than expected	MSGTRAN could show a difference of 1 (greater) than actual messages transmitted for IPSG M3UA links in certain scenario only . Message are properly sent over the network. This happens when ASP is made active in middle of measurement interval.
128587		3	Resolved	Defer	Telcordia, Sigtran, seas, DURLKOTG register was not correct for IPSG M3UA links	DURLKOTG register depicting the duration of link Unavailability to MTP3 could be wrong in measurment report in when the ASP is activated during the measurements interval..
128589		3	Resolved	Defer	Telcordia, Sigtran, seas, P_RBASE ST01SLTA and ST02SLTI register values should be '*' for IPVLGW	Register values instead of '*' are seen on link types where they do not belong. The value will be zero. Could cause confusion or interpretation issues

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
128590		3	Resolved	Defer	Telcordia, Sigtran, seas P_RBASE LINK congestion registers were not correct for HSL links	<p>1. No change in congestion register values for HSL links - register values still corresponded to HCAP values instead of E5-ATM values.</p> <p>2. Danger of Congestion Onset (See Table 23 in FD005925v2.1.doc) was not correct for IPSP (M2PA and M3UA) and IPLIM M2PA links. Expected value was $\text{Min}(\text{SLKTPS} * \text{Assoc.RMIN} * 2, 1250) = 1250$ when $\text{SKLTPS}=100$ and $\text{Assoc.RMIN} = 120$. Reported register values were based on a Danger of Congestion Onset value of 600.</p> <p>3. Link Alignment timer registers were not correct for IPLIM and IPSP M2PA links - reported values were '*' instead of m2pa-tset values.</p>
128592		3	Resolved	Defer	Telcordia, Sigtran, Seas, SURCVERR did not include messages with an invalid SCTP checksum	The normal measurement will not indicate all the errors happening on the link.
128615		3	Resolved	Defer	Output from Upgrade out of order and not consistent with other command output.	Output does not come out as intended. No function impact occurs
128630		3	Resolved	Defer	AVL-LINK & AVLD-LINK issues	Values for unused fields will be zero, but could lead to customer confusion.
128659	Y	3	Resolved	Defer	E5-IPSM IP connection is removed, it never generates a UAM in the EAGLE.	Customer must rely on the LEDs on the front panel of the EAGLEs E5-IPSM card to determine if the IP connection is not available.
128661	Y	3	Resolved	Defer	EAGLE doesn't generate SOIP connection failure alarm until 5 minutes after IP connection failed.	Customer will not know know if there is an IP failure for the SEAS connection until about 5 minutes after the IP failure occurs.
128715		3	Resolved	Defer	TYPE=GPSM is not valid for RTRV-STP	Cannot retrieve the default type for GPSM and HMUX by themselves on rtrv-stp.
128716		3	Resolved	Defer	Sigtran Meas: SCTPASOC report SCPKTSNT and SCPKTRCV pegs off by one	The measurement counts will be one less for everytime the association establishes for SCPKTSNT and SCPKTRCV within a measurements period.
128800		3	Resolved	No-Fix	PPC: Proxy linkset remains in Auto-Blocking stage after the card is initialized	None noted

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
128871		3	Resolved	Defer	Module lb_mgr.c Line 2960 Class 0001 Severity 2 seen during upgrade network conversion of DSM cards	There is no overall system impact.
128873		3	Resolved	Defer	multiple LIME1 cards obit with Module adl_mgr.c Line 916 during upgrade	This occurred on unreleased software for an upgrade path not in the field. Do not expect to see this live sites.
128897		3	Resolved	Defer	IPSG: chg-assoc:alw=no not logged for M2PA association	This command option is not used on this card as the dact act slk covers this function.
128900		3	Resolved	Defer	IPSG: AS notifications don't consume TX grants on IPSG	There shouldn't be any customer impact for this PR. AS Notifications are not consuming TX capacity, but are still working properly.
128904		3	Resolved	Defer	card state not reset when incorrect card removed from slot	This is not a change in the way the card is reported. So there is no impact to the customer.
128914		3	Resolved	Defer	R38.0 : RTRV-TBL-CAPACITY display incorrect for dstn table	Customer may think command output is completed when it has not.
128927		3	ReadyToTest	Active	6way: ent-rtx & chg-rtx results in route status bouncing between restricted & allowed.	
128928		3	Resolved	Defer	MOBR - Text of E4579 is not descriptive for cmd "chg-stpopts:mtplprst=no" (MOBR enabled).	Customer may not understand fully why option can not be used. Will have to take additional time reading the Manual to understand the command error made.
128932		3	Resolved	No-Fix	Telcordia, Sigtran, SEAS, P_COMP/LINK MTCEUSG did not include time of remote inhibit.	None
128963		3	Resolved	Defer	Excess Retransmit/Connection Restr/Conn Unava on GW cards	This alarm indicate the number of retransmits occurring exceeds defined thresholds however, there is no data loss. The work around for this problem is to increase the value of the retransmit threshold (RTXTHR to value other than the current default value of 0) for the association exhibiting the alarm. This should prevent/reduce chances of raising the alarm.
128964		3	Resolved	Defer	SSEDCM IPLIM Copy De-Activate	If running at card capacity, only IMF copies are being lost due to IMF being disabled - original routed traffic is not lost.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
128986		3	Resolved	Defer	pass:loc=xxxx:shellcmd="ath_print_obit_file(N,'ATH') causes page fault: vxshell restart. Single quote(') causes the error	Entering this debug command incorrectly formatted boots the card.
128990		3	Resolved	Defer	SM4G obit during card restart Module ath_vxw.c Line 2510	The SM4G card may double boot when coming up from a cold or warm boot. System recovers even if the SM4G takes longer to be in service.
129000		3	ReadyToTest	Active	User documentation to correct for GWS	
129024		3	Resolved	Defer	Dual-Slot DCM Obsolescence Test takes too long.	On some systems, the test takes longer. However, since the command takes several hours to execute the overall impact is imperceptible.
129047		3	Resolved	Defer	ALW-IMT/INH-IMT inadvertently causes the message 'command in progress' due to mbus_delay not initializing the time value	This PR causes a spurious UI output that indicates a command is in progress. This UI output is erroneous and should be ignored.
129048		3	ReadyToTest	Active	Missing legend in Commands Manual for rept-stat-card	
129097	Y	3	Resolved	Defer	Inhibited Cards Should Not Display UAMs 0033-0038, 0442 - 0451, 0492	They will still continue to see alarms on inhibited cards.
129104		3	Resolved	Defer	FPB_UTL Troubles need to be converted to Mother BIP invalid UAM	Customer has to call TAC to figure out the the BIP needs to be programmed on the card.
129137	Y	3	Submitted	Active	significantly lower values for counter GPNOCL after upgrade	This is providing inaccurate daily measurement statistics for this counter and the customer would like to rectify this issue.
129154	Y	3	Resolved	Defer	0457 * EIR SYSTEM EIR Subsystem normal, card(s) abnormal, but SCCP Cards Reported EIR SS as ACT	The customer could be trying to troubleshoot the EIR subsystem when it is a SCCP issue.
129159		3	Resolved	Defer	inh-alm:dur=temp....Instead of a command successful message for this, a command reject message would be more helpful for user	The current text that is output does not clearly indicate that the temp alarm inhibit was not allowed.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129193		3	Resolved	No-Fix	6WLS-MOBR: Eagle's SPC and CPC is not working as an OPC criterion for MOBR Routing.	Currently it is looking like a WAD/invalid PR.. But, Worst case impact (If it ends up being a valid issue), is that the specific exception criteria will not be applied for routing & it may end up using default/direct route for routing.
129195		3	Resolved	Defer	CHG-STPOPTS command accepts non hexadecimal value for DEFNDC parameter	This is not critical. It will only occur if the user puts a number after 'none'. The parser strips off the 'none' and it only sees the number, which is valid. Illegal characters will be accepted. Typically the user will put a number or just 'none' to clear it out. Will fix for Rel 39.
129236		3	Resolved	Defer	ASP notifications not transmitted even though UAPS ASP/AS notification option is enabled	There should be no customer impact. This functionality is a Tekelec customization and is not being used currently by any customers.
129276	Y	3	Resolved	Defer	E5-ENET card description in Hardware manual needs additional information regarding interfaces.	No impact as features mentioned are not yet supported.
129277	Y	3	ReadyToTest	Active	Clarify Adapter type in Commands Manual for DIX and 802.3	
129297		3	Resolved	Defer	Sigtran Meas: Invalid registers on M3UA link reports (daily and day2hour)	registers are reported for M3UA and SUA links that are N/A The values for these registers is zero
129302		3	Resolved	Defer	SM4G card load percentage reported as being greater than 100% during resync	Customer may be confused as to why a card can be more than 100% loaded and yet still not be in service. You can never be more than 100% loaded.
129322	Y	3	Resolved	Defer	TRIAL GPL for EOAM doesn't match RUNNING/APPROVED in REPT-STAT-GPL	Trial version of the EOAM GPL isn't getting updated for display on the rept-stat-gpl output. The rtrv-gpl shows the correct data on the MO. No system impact.
129325		3	Resolved	No-Fix	Ent-trace generates Severity 1 - MTOS_MSB	None
129328		3	Resolved	No-Fix	Telcordia: Unexpected TFA to adjacent STP	None noted

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129372	Y	3	Investigated	Active	How can a card be a SCCP service card and also a IP link card?_ How do I get rid of these alarms?	Customer didn't know the card had IP Connectivity capability until he performed a RTRV-IP-LNK. There should be a note in documentaion telling the customer that when he enters a DSM card, that the card location will show up when he performrs a RTRV-IP-LNK and RTRV-IP-CARD. Customer thought the data was from a previously card provisioned card in the SLOT. Please include the note under the following commands: RTRV-IP-LINK / RTRV-IP-LNK Although DSM CARDS are only being used for VSCCP they will show up when performing the commands above.
129377		3	Resolved	Defer	Support for OPC based routing for SCCP Processed Eagle originated messages	Messages originated from Eagle(e.g. Response messages generated by GPORT/IGM/EIR/VFLEX) will not get routed to OPC exception routes and fall back to other matching route criteria or direct route.
129390	Y	3	Resolved	Defer	Need to Add Tekelec's Power Tolerance Range to Customer Documentation	Customer has to call TAC to find out full range of Power that the EAGLE accepts.
129394	Y	3	Pending_Review	Defer	When upgrading spare TDM, dms errors occurring during copy-disk with format	Site affected has no spare TDM.
129407		3	Resolved	Defer	CHG-SRVSEL command accepts invalid values for parameter GTII	For gti parameter value having first digit numeric and rest alphabets, the ascii value of first digit shall be used instead of rejecting.
129420		3	Resolved	Defer	Incorrect byte order for Network Appearance in MSUTRACE display	Trace output of the MSUTRACE pass command has the M3UA/SUA network appearance parameter value in host byte order instead of network byte order
129457	Y	3	Resolved	Defer	Eagle link doesn't send SLTM	Due to the fact that the periodic tests are not resumed when the processor outage is cleared, the link continues to remain in state 'SLT Bypass'.
129503		3	Resolved	Defer	Module pmtc_mgr.c Line 275 received on several LIME1 cards and one DSM IPGWI card after init-sys performed	Since the trouble has only been reported when cards are coming off from a boot, it is quite possible that the message loss is only apparent and that no adverse effect on the system has been experienced.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129509	Y	3	Investigated	Active	E5IS and E5-SM4G Throughput Capacity can be allowed at the same time.	
129523		3	Resolved	Defer	On E5-ENET card with a single link EMP connection congestion/discards occurs on at high traffic rates	None - the traffic rate required to cause this issue is well beyond the engineered traffic rates supported for IMF on E5-ENET. EMP socket congestion is expected in this case,
129531		3	Resolved	Defer	rtrv-ctrl-feat causes multiple sev 1 troubles MTOS_MSB.C Line 362	The troubles are sent when multiple SCCP cards are downloading from the MPS. The troubles are caused by the active MASP sending too many progress status messages over to the standby. There is no impact on the system as the SCCP cards continue to load and the command output is received.
129540		3	Resolved	Defer	rtrv-slk will not display a command complete message when a parameter is used, which is not inservice or not yet configured.	If no signalling links have been provisioned, and if invalid parameters are supplied to the rtrv-slk command, then no links are retrieved as expected. In this situation there is no explicit indication that command has completed. This situation has existed since the inception of the rtrv-slk command.
129547		3	Resolved	Defer	SUA Associations cannot be set as client with a PARM 10/PVALUE 1 combination	No customer impact. In order for the associations to come up as Client the card will need to be placed in debug mode. This is not a customer supported config.
129550	Y	3	Submitted	Active	Documentation PR for command dlt-ip-host	customer is confused by the above statement as they believe they can't delete any entries but they can delete the remote entries.
129554		3	Resolved	Defer	Can't change BIP Fields using BIP-CHG-FLD command.	This should only be changed by TAC. Also we have alternative way of changing the fields.
129592		3	Resolved	Defer	Regression - RANDSLS with SCCP messages does not appear to be random	None. Results should still be random in the long term, and to get into the latest pattern of consecutive MSUs going to the same outgoing link requires an identical incoming traffic pattern which is probably only possible with lab traffic generation.
129595		3	Resolved	Defer	sctp pass command output formatting problems	None, as the pass command output is primarily a debug aid and doesn't affect system operation.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129596		3	Resolved	Defer	regression - Unexpected TFPs during MTP Full Restart after T25 expires	In condition when Eagle has not completed sending TFX messages and T25 expires, it continue sending any pending TFX message. This problem can be avoided by carefully setting the T24 timer to suit the network requirement. If T24 is sufficiently large then it will give more time for TFX messages. GR spec recommends T24 to be network dependent. What it means is that default setting of T24 may not work for all the customer and hence must be tuned for cater for customer requirements.
129603		3	Resolved	Defer	Incorrect SLK port id in Invalid Routing Context UIM	This issue is working as designed. If an association is assigned to multiple SLKS (mixed networks or not), the intended SLK cannot be determined since the Routing Context was invalid. We decided to just report the first SLK the association is configured in. After release 38.0, an enhancement could be made report an "Invalid SLK" somehow instead of just reporting the first SLK configured.
129607		3	Resolved	Defer	Flash-Card should be command class System Maintenance	The commands requires debug class to run.
129638		3	Resolved	Defer	Potential for SS7 DDB inconsistency in RTE table when disabling LSRESTRICT feature	Minor - DDB RTE table may have inconsistencies if the LSRESTRICT feature is disabled. This is felt to be a very unlikely scenario in the field and can be cleaned up manually or via init'ing cards.
129639		3	Resolved	Defer	rept-stat-db does not show proper dblevel for MO	A second attempt at executing the command succeeds.
129667		3	Resolved	Defer	netstat -i command output is inconsistent for link speed indication	netstat output will show no speed after initial power-up if a link is not established. Once the link is established the netstat output will show the current link speed. This link speed will persist, even when the link is down, until a another link speed is established. The speed will be correct when the link is up. The state of the link can be determined using the rept-stat commmand: rept-stat-card:mode=full:loc=xxxx
129680		3	Resolved	Defer	Initialization of entry-delimiter/"pad" bits of static flags in static routing table.	No customer impact. These PAD bits are not checked.
129699		3	Resolved	Defer	TFA's not broadcasted after transition from restricted to allowed (SS7 ANSI Links)	On ANSI network when a PC transition from Normal restricted to allowed, TFA shall not be sent. The adjacent node shall discover the status by means or RSR message. For this reason the impact of this PR is negligible.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129711		3	Resolved	Defer	PROT: full_restart_trx_sent bit not maintained correctly	In Release 38.0 PR 128980 is taking care of the problem of the full_restart_trx_sent bit causing DDB checksum mismatches. This PR is being deferred in order to provide a more complete solution in 39.0. There is no impact to the customer.
129738		3	Resolved	Defer	SCCP Loop Detection: "rtrv-loopset" takes a lot of time to complete	Command completes after approx 17 seconds.
129754		3	Resolved	Defer	Trying to bring up the 2nd association between the EAGLE & EAST board & noticed a Emergency proving procedure instead of Norma	None, since M2PA proving messages are not acknowledged (emergency proving procedure is executed). Traffic on other links is not affected.
129773		3	Resolved	Defer	Correct format of MSRN not received in SRI Ack when MSRNDIG=CCRNDN and MSRNNAI=4 and SNAI=SUB	None. Configuration is conflicting and should not be used in the field (seen comment in eng notes). This may end up getting resolved via a documentation update.
129788	Y	3	ReadyToTest	Active	Troubleshooting procedure for UAM 0541 *C RTD SYSTEM MSU cksum error threshold was omitted from R 37.5 Docs	Customer does not have a procedure to clear alarm 0541.
129810	Y	3	Resolved	Defer	ATM cards boot when they receive too many interrupts from the link	Card boots instead of just the link going down. On current 1 port card the impact is added time to reload the card.
129824		3	Pending_Review	Defer	tkr_mm obit after chg-tbl with syntax errors	System supervision could be disturbed during the MASP swap. Supervision should observe several alarms related to the new standby recovery.
129833		3	Resolved	Defer	Rel38.0:Severity 1 observed while deleting the signalling link	None the link is being deleted.
129868		3	Resolved	Defer	EPM card's thermal monitoring task can lock the CPU for several milliseconds	Once a second the thermal monitoring task steals 2 to 3 milliseconds from the CPU. There are no other adverse effects observed. Resolution of this problem would very slightly improve/drop the CPU utilization in the card.
129871		3	Resolved	Defer	IPSG/IPGWx: NA value in err message invalid when network type mismatch	When a customer sends a DATA message where the network type of the Network Appearance value does not match the NI value, an ERROR message with error code "Invalid Network Appearance" will be returned to the far end WITH AN INVALID VALUE FOR NETWORK APPEARANCE.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129895		3	Resolved	Defer	Terminal issue with act-file-trns	Part of output is distorted. Customer can clear by pressing F11 to revert to pure VT320 then again to go back to KSR.
129914		3	Resolved	Defer	SEAS RBASE IP links NRPRSTRS counting not-applicable registers, '*'	In release 38.0 there was change made to no longer count files without data for NRPRSTRS (represented by *). The RBASE reports was not yet updated to this new method. Possible confusion of downstream systems interpreting the SEAS reports, since all other reports use the new method of counting.
129934		3	Resolved	Defer	IPSG:inh-alm:dur=timed prompted scm_utl0.c severity 1 ATH	The ATH trouble will occur whenever inh-alm:dur=timed:dev=enet command is reissued after OAM init or OAM switchover has happened or set-date/set-time command is issued on Eagle. It is unlikely that any of these 3 cases will occur coincident with a timed alarm inhibit of an ENET device.
129935		3	Pending Investigation	More Information	IPSG:not getting UAM 116 "Link expected IP TPS threshold exceeded"	
129941	Y	3	Assigned	Active	Document correction - No description for event name (COMP. lnkset)	Documentation for rel. 37.5 is not accurate.
129950		3	Resolved	Defer	15-Minute Measurements Feature can be enabled before Measurements Platform is enabled	The 15-Minute Measurements feature can be enabled with enable-ctrl-feat before the measurements platform is enabled. This causes misoperation of OAM measurements due to the use of interval numbers from 0-95 instead of from 0-47. Since the customer has to purchase a FAK through sales they should not be able to get one without having purchased the measurements platform. As soon as they enable the measurements platform the issue will clear.
129953		3	Resolved	Defer	ath_ss7.c and mcbfr.c ATH's seen during congestion on IPLIM links	When link is changing over and routes are re-calculated, there is an anomaly in the code that could cause an invalid port index to be returned to application that is responsible for sending COO/COA. If application return invalid port index, it complains via the ATH mentioned in the PR. The system impact will be time controlled changeover in place of sequence controlled changeover.
129954	Y	3	Pending Review	Monitor	E5-ENET card isolated with OBIT Module: ath_vxw_mgr	Customer's links went down during the process of the card booting with the OBIT.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129958		3	Resolved	Defer	Copy De-Activate on SSED CM IPGW under network impairment test	If running at card capacity, only IMF copies are being lost due to IMF being disabled - original routed traffic is not lost.
129976		3	Resolved	Defer	PROT: Circular route detection problem with GTT traffic	No impact on customer as this trouble only occurs when debug is on. The feature works correctly.
130001		3	Resolved	Defer	SEAS A_NM_LINK NRPRSTRS is wrong	SEAS NM report value number of reported registers incorrect.
130004		3	Resolved	Defer	SEAS D_NM LNKSET does not support the ACTIVE period for IPVHSL or IPVLGW link sets	Customer using SEAS will have to wait for collection to get the data.
130031		3	Resolved	Defer	no return result - but "Processing" when rtrv a not existed slk	the command does not hang, but the user is not given feedback that the entry doesn't exist in the table. The user can execut 'rtrv-slk' without any parameters and see the provisioned data and if the table is empty, a notice will output indicating such.
130041		3	Resolved	Defer	Rel38.0 : MLS : rept-stat-ls:apc=<> output not aligned	The ouput view just does not have the columns aligned.
130087		3	Resolved	Defer	Conversion of BICC messages that are too large generates cnv_mgr.c ATH	Minimal - ITUN14 or ITUI MSUs that are larger than ~4092 octets, when they are attempted to be converted to ANSI or ITUN24 will generate an ATH instead of a UIM. This conversion is not possible, since the resultant MSU would contain a SIF greater than 4095.
130143		3	Resolved	Defer	Telnet terminal misses/mixes parts of messages	The telnet screen in which the command is typed may loos part of output if command input in middle of UIM. The UIMs will get logged completely, as well as display fully on other terminals, so the data is not completely lost.
130170		3	Pending_Review	Invalid	IPSG: Msg is discarded and incorrect UIM produced when too big BICC msg sent	
130183		3	Resolved	Defer	MLS:Rel 38.0 Regression: Extra UDTs messages being sent to the originating node having multiple linksets associated to it.	With Multiple linkset to APC feature on, While generating UDTs message, Eagle will use the linkset SPC in OPC field. The only impact I see with this behaviour is that receiving node may raise an alarm or something to that effect complaining of OPC received in UDTs message.
130188	Y	3	Pending_Review	Defer	GWS Binder buffer leak for CdPA screenset	None.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130206		3	Resolved	Defer	IP Monitoring: Unexpected Errors in emp and scopy reports	When traffic is running below card capacity, there is no traffic loss. If running at card capacity, only IMF/emp/scopy errors are being pegged - original routed traffic is not lost.
130217		3	Resolved	Defer	connmgruasctp - Line 6431 seen during ANSI congestion duration run	When the SS7IPGW or IPGWI application running on E5ENET (IPGHC GPL) is subjected to extreme bi-directional loads causing IP Connection Congestion over extended periods of time, the card's connection manager may periodically report a sev 1 ATH at line 6431. This ATH indicates a self-correcting software fault, and the fault is not service-affecting. No action required by the customer for this trouble.
130225		3	Resolved	Defer	Module scm_utl0.c Line 6591 reported during full upgrade from 37.0 to 38.0	The only known impact was the generation of the ATH. Apparently this did not cause the upgrade to fail, nor did the ATH keep repeating, as there was already code that would only allow this ATH to occur once per card. Also, it is worth noting there were other cards of this type in the system that did not exhibit the same behavior as this card.
130226		3	Resolved	Defer	Module drms.c Line 6120 seen during full upgrade every time one of the MASP's boots	The ath may not be understood during upgrade. The high speed link count could be incorrect.
130227		3	Resolved	No-Fix	Module dbcd_utl.c Line 1649 severity 1 trouble displayed when act-upgrade:action=dbstatus command issued	none
130229		3	Resolved	Defer	Two LIM E1 cards boot with Module TKS_DP.C Line 920 during flash download of HIPR cards during upgrade	This issue has been traced to an IMT FIFO problem to which Class AC ECO 12960 applies. If this is a problem at a customer site the ECO can be implemented.
130230		3	Pending_Inv estigation	Active	Module mps_rst.c Line 2583 reported during full upgrade as each IS-NR DSM	No apparent functional impact.
130234		3	Resolved	Defer	Module MCBFR.C Line 1422 severity 1 trouble seen as links are cancelled by upgrade on E1T1 channel card	The messages that is attempted to send is the changeover notification message to the only "available" link left. The problem is that the destination is really prohibited and not reachable, therefore this message shouldn't have been sent in the first place.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130287	Y	3	Resolved	Defer	Documentation needs clarification regarding procedure for clearing UAM 0002 with respect to the GPSM2	Customers who have seen a BPDCM GPL alarm on the GPSM have thought that they could clear the alarm by initializing the card. They would like to see a note that the GPSM is a special case because it uses both the BPDCM GPL and the EOAM GPL.
130309		3	Resolved	Defer	rtrv-gsmopts shows incorrect spacing for SRFNP and MSRNNP parameters	the user gets all the data - the two fields are just shifted over a bit.
130372		3	Resolved	Defer	Add ATH in a2i_ts() for APPL-->COMM queue NULL_PTR	No known adverse effect on operational code at the moment.
130399		3	Resolved	Defer	seeq_utl.c Line 942 Class 01c3 received 4 times during an overnight Inbound Congestion duration on IPLIMI (SSEDCM)	Since the error is recoverable the system impact should be minimal. This register is read every time before transmission and to have only 4 timeouts during a stress test duration run shouldn't cause any customer problems.
130405		3	Resolved	Defer	Unable to generate Circular Routing UIM for M3UA or SUA	allows traffic to be run in and out of the same link.
130414		3	Resolved	Defer	IPSG M2PA scopy lost a few MSUs during Change Over	Since failures occurred only at computed 100% IMF load, if normal system guidelines are followed such that card won't exceed 80% of rated load when carrying all traffic after failures have occurred, no loss will occur. If traffic load after failures have occurred exceed normal network design limit of 80% of capacity, traffic loss can occur and will occur when load nears capacity.
130446		3	Resolved	Defer	Typo in UA RCVD MSG DISCARDED UIM - SLK OOS-MT-DSLBD	The test of the output has an extra D. Unless a customer is doing a full text match on the UIM there should be no impact.
130458		3	Resolved	Defer	IPS MB conversion cleanup	No impact in 38.0 since this is not a supported upgrade path.
130466		3	Pending_Investigation	Active	IPSG: "E4255 - Total system TPS limit exceeded" not produced when 500,000 limit exceeded.	
130468	Y	3	Pending_Investigation	Active	Customer is reporting when doing a retrieve table or retrieve SLK only 16 links show.	Customer does not get the correct SLK output when the rtrv-slk and rtrv-tabl capacity commands are entered. The provisioned LIMIT1 and LIMCH cards are not being reported; however, the LIMIT1 and LIMCH cards and SLK'S are reported when the rept-stat-slk command is entered.
130474		3	Pending_Investigation	Active	init-network does not work	

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130475		3	Resolved	Defer	IPSG/IPGWx: UIM lacks error reason and ATH's when sending a DAUD with a bad parm length for affected PC	If IPSG M3UA or IPGWx receives a DAUD message having invalid parameter length, it correctly rejects the message and issues the correct UIM to the terminal, but the UIM reason is not correct.
130482	Y	3	Pending_ Investigation	More Information	TRM1 becomes inhibited when loading 38.0 EOAM GPL onto MASP	TRM1 becomes unusable, no other MMI terminals are affected.
130492	Y	3	Submitted	Active	RTRV-SECULOG takes too long and disrupts EMS operation...	Retrieval of seculog thru the EMS is unsuccessful. PTC does no manual management of their seculog and relies upon the CMI to pull the seculog from the Eagle to the PC. They have alarms turned off and allow the seculog to wrap.
130510		3	Resolved	No-Fix	IPSG: M3UA IPGWABATE - SCONs not replicated to all M3UA ASPs within same network domain	No customer impact, as IPSG is intended and documented to operate as described.
130527		3	Resolved	Defer	IPSG : M3UA SNM messages are broadcast when linkset BEI=yes	BEI will work the same as normal SS7 links
130535		3	Resolved	No-Fix	IPSG: M2PA congestion and lost small number of MSU's during IMT inh/alw weekend test	After repeated failures and recoveries of an IMT bus over extended periods of time, IPSG M2PA links may experience congestion and lose a small number of MSUs.
130553		3	Pending_ Review	Defer	IPSG: rept-stat-card command shows IPSG card type as E5ENET.	No impact. The card type in rept-stat-card can report ENET instead of E5ENET for cards running the IPSG application.
130565		3	Pending_ Review	Defer	User is able to move an association from non-IPSG card to IPSG card - should not be allowed per FD	None.
130568		3	Resolved	Defer	Severity 1 from ath_gx25.c module after init-card	The ath events are being seen because some gpls, including the gx25 gpl, are missing handlers for when the TVG INM events get reported. The reported events get discarded, since they are not handled. Since the reported events are for informational purposes only, discarding them does not cause any problems.
130569		3	Pending_ Review	Defer	MSUCOUNT Pass command help for IPGWx still displays -s "Socket Report" as an option	None.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130571		3	Pending_Review	Defer	SM4G boots with ath_vxw_mgr. Line 1701 trouble and ath_vxw_mgr. Line 1639 obit	The occurrence of this PR causes the card to boot but not before 5+ minutes of time after an inh-card or init-card command is issued. The card does recover on its own, but such a long delay can cause upgrades to be delayed or even fail should the problem appear.
130586		3	Resolved	Defer	IPSG M3UA: Changing MTU on router with links in service (but not running traffic) causes cnmgruasctp ATH	This error is automatically recovered by the IPSG software and the affected associations will re-establish normally. Changing the MTU size of a router in a live network crossed by established uni-homed associations is a service-affecting action.
130607		3	Resolved	Defer	DDB - "LINK" status of ddb going corrupt when a large number of links are bounced	This corruption has the following minor system's impact: 1- The DDB checksum mismatch 2- a PMTC change-over can be initiated when a card fails, when it is not required. We see no impact on how traffic is routed.
130622		3	Resolved	Defer	issue with dlt-card when unresolved symbols auto inhibit exists	If the card is fully deleted from the DB but allowed to be regenerated in the status system (rept-stat-card), then that slot cannot be reprovisioned. A workaround for this issue would be to remove the blade from the slot and init the active OAM.
130653		3	Resolved	Defer	M2PA proving messages not being generated at expected rate	Since M2PA proving messages are not acknowledged in any fashion, the rate at which they're generated has little to no impact on system operation as long as the rate is below card capacity and doesn't affect other traffic-carrying links.
130656		3	Pending_Investigation	Active	IPSG: During M2PA CB testing - NtMgmt UIM's displayed as coming from HIPR's	
130765		3	Assigned	Active	Incorrect cards in chg-ip-card command - Doc 910-5251-001 rev B	
130766		3	Resolved	Defer	TVG Granting for IPSG CO/CB doesn't match expected rates	There is no system impact given linksets hosted by the card and routesets using those linksets are properly configured. However, if not properly configured, traffic loss during CO/CB procedures for IPSG could occur.
130775		3	Assigned	Active	Typo	
130776		3	Resolved	Defer	Daily UA entities STATUS is "I" when the UA has been active all day	Incorrect data status (I=Incomplete) makes report look like it's missing data when it is not.

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130777		3	Resolved	Defer	Link LED on IPSM's Port B stays RED	The unused Port B Link LED is lit RED. We have traditionally left this unused link 's LED as GREEN to avoid alarming customer. There no impact to operational software.
130778		3	Assigned	Active	Non standard documentation order	
130780		3	Assigned	Active	Omission of ENET card, obsolete DCM	
130784		3	Resolved	Defer	IPSG: tst-slk:loc=[ipsg card];port=y:loopback=sltc for M2PA links consistently returns Test Status=loopback aborted	The TST-SLK:LOOPBACK=SLTC command does not function on IPSG M2PA signaling links. The test is always aborted with no service impact. The period test for the link in-service does work.
130808	Y	3	Submitted	Active	UserDefinedCommandClasses prevent command execution in upgrade phase 0	When loading rel 38.0.0-60.37.0 EOAM GPL on MASPS (HC procedure 19) access to commands like rept-stat-card and send-msg was unavailable; error message: authority violation. No impact on traffic.
130835		3	Resolved	Defer	IPSG: Copy De-Activate on M2PA (1 slk) during IMT inh-alw w/ impairment	Traffic may not be monitored under heavy load and inhibiting and allowing the IMT.
130841		3	Resolved	Defer	Destination status for MIN-ASP / combined LS goes prohibited instantly, however, TFRs are sent 30 seconds later	For MINSASP setting where NUMSLKALW is greater than (NUMSLKPROH and NUMSLKRSRT) and NUMSLKPROH is equal to NUMSLKRSRT, customer will see Destination going Restricted (alarm) without waiting for T11. Although the destination status changes instantly, however, the network management behavior is correct, that is, TFRs go out after T11 expiry.
130849		3	Resolved	Defer	IPSG: ent-trace causes card to orbit ath_vxw_mgr	This problem is based on a combination of 3 factors - making an ent-trace request on a card with high-speed links, and sending in a matching MSU where the dpc and opc are 0. If the bad MSU is sent in and there is no trace request that matches the MSU, the problem does not occur.
130871	Y	3	Investigated	Active	after the SW-Update to R38 on the STP Bonn, we activate the Sigtran measurement for COMP-UA, COMP-SCTPASOC and	After upgrading to R38 on the STP and activating the Sigtran measurement for COMP-UA, COMP-SCTPASOC and COMP-SCTPCARD the customer found some COMP-UA errors. Not all active associations are in the measurement. Some associations do not have the right AS in the measurement (they have AS = default).

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130874		3	Resolved	Defer	IPSG: DAUD messages not shown in rept-stat-iptps	M3UA DAUD messages received by an IPSG card consume TPS capacity but are not reported by the REPT-STAT-IPTPS command. During periods of high receive MSU traffic on an IPSG-M3UA link (near the provisioned SLKTPS) if received DAUD messages cause the receive traffic to exceed SLKTPS. , the link may invoke receive flow control (potentially causing Tx congestion at the far-end of the M3UA link). In this scenario, REPT-STAT-IPTPS may not indicate that the received traffic exceeded SLKTPS. If this occurs, the MSUCOUNT pass command can be used to determine what messages IPSG-M3UA links are Tx'ing/Rx'ing and at what rate.
130890		3	Pending_Review	Invalid	BICC Feature Missing in Documentation	
130893		3	Assigned	Active	No BICC in the index of the Database Administration Manual	
130909		3	Resolved	Defer	disp-disk-dir:src=remove:file="filename" not rejected when Removable Cartridge is not present, it displays DMS Error instead	The DMS Error messages currently displayed don't indicate that whether there is some problem reading from MO or the MO is not physically present. The custor will have to verify the MO is inserted.
130910		3	Resolved	Defer	"UAM 102: Motherboard BIP invalid" is generated for EROUTE and ERTHC GPLs when MB revision ID at EOAM is set to 21	Invalid Alarm will be displayed for MB revision 21. This is only an issue for backout and does not appear to cause a problem with the board staying up, nor is it an issue for the OAM to continue running.
130924		3	Assigned	Active	No default value for :slktps in documentation	
130953		3	Assigned	Active	TALI reference in Feature Notice documentation	
130970	Y	3	Assigned	Active	Unclear description of UAM 300 in documentation	due to the alarm not being fully explains with reference to INM and SNM, the customer can only get a partial understanding of this alarm. Including this information would make the Alarm dscription more clear from the customer point of view.
130976		3	Resolved	Defer	IPSG: EMP reports "IPConnAva/IPConnUnava" on wrong port	In the EMP event messages sent to IMF for IPConnectionUnavaible/IPConnectionAvailable (events e0 and e1) are always reported on port 0. However the LinkAvailable/LinkUnavailable Events (event 34 and 55) are reported on the correct Card/port id

Table RN-8. EAGLE 5 ISS 38.0 Known PRs (11/30/08) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130989		3	Pending_Review	Defer	IPSM card generating Sev 1 messages during FTRA connection tests	Customer can not collect the result of FTRA transactions.
130992		3	Resolved	Defer	Not getting a mismatched RC message when a INACTIVE message with invalid RC sent	The Customer will be able to send ASP-Inactive and ASP-Active messages with 1 RC when the association has no RC configured and the message will be processed without alerting the customer that a "mismatched RC" scenario is occurring.
131028		3	Pending_Review	Defer	HIPR doesn't revert to original FPGA load when aborting TRIAL load.	IMT is unstable due to the intermittent reboot of HIPR/HMUX containing the wrong GPL.
131088		3	Pending_Review	Defer	ss7_sltc.c Sev 1 Observed While Converting Links From M3UA to M2PA (and vice versa)	The generation of a SEV1 ATH message has no impact.

Table RN-9. EPAP 10.0 Known PRs (06/27/08)

PR #	CSR	Sev	Status	Disposition	Title	Customer Impact
50312		3	Resolved	Defer	Decode of ExAP Application Bit Encoded Alarms Strings Mismatch ExAP Application Banner Alarms	The text of the alarms on the ExAP Alarm Banner sometimes does not match the text of the alarms that the decoder displays.
59258		3	Resolved	Defer	Unless all DSMs are disconnected from A DSM network, EPAP does not send data to B network. Could result in traffic loss.	DSMs that have lost their A port connectivity will not receive new updates until all DSM cards have been removed from the A network
61470		3	Resolved	Defer	Reload RTDB from PDB stuck in phase 2	The situation is cleared by simply stopping and starting the EPAP software. The bigger problem is that the customer may not notice that the reload is hung for a long time.
109429		3	Resolved	Defer	provRMTP core dumps if RTDB being shut down while logs wrap	There is no impact because the process gets automatically restarted, but it does generate a core file and a subsequent alarm is presented to indicate that there was a core dump which will alert the customer and prompt them to call customer service.
112191		3	Resolved	Defer	EPAP- 96 million conversion script does not take in to account larger drives	Only impacts conversion. Error will be reported for check of resized free directory on systems with larger than standard hard disks.

Table RN-9. EPAP 10.0 Known PRs (06/27/08) (Continued)

PR #	CSR	Sev	Status	Disposition	Title	Customer Impact
113559		3	Resolved	Defer	EPAP upgrade procedure requires work around to correct syscheck profile post-upgrade	If an EPAP node was made a provisionable after release 5.3.x and upgrade to 5.3.x was performed incorrectly, then the syscheck profile will be incorrect post upgrade. After subsequent upgrade to release 7.0 or higher, a provisionable server with the incorrect syscheck profile will not be able to restart the PDBA application until syscheck profile is manually corrected.
120897		3	Resolved	Defer	savelogs falsely says "ERROR: Failed to send banner info message" at the end of the script	Customer gets false alarm.
121137		3	Resolved	Defer	EAUTOEXP: PID for auto export is displayed as a different value in GUI and as a different value in pdbi_export directory	Customer may be confused.
121288		3	Resolved	Defer	DSM and SM4G cards OBIT in module pvdvmsg.c Line 2620 while running Eagle boot script.	Customer must switch activity between EPAPs to clear condition.
121787		3	Resolved	Defer	Text for "Attempt to restart MySQL Replication failed" alarm not correctly displayed	No operational impact. Simple misspelling of word in banner message.
122168		3	Resolved	Defer	96MGflex_install_script incorrectly reports failures	Requires script to be rerun if first attempt fails.
123737	Y	3	Pending_Investigation	More Information	IP Connection Unavailable alarms on eagle and DSMs not taking updates.	DSMs not taking updates until a switch activity is performed.
126024	Y	3	ReadyToTest	Active	EPAP 8.0 feature notice compatibility matrix (Table FN-1) is incorrect	Delay in getting production systems upgraded
126127	Y	3	ReadyToTest	Active	Documentation missing Information For Proxy functionality and set up	Inability to configure easily due to no information in documents
126500		3	Resolved	No-Fix	EPAP does not connect with EAGLE through DSM or E5SM4G card at 0 RTDB level.	None.
127518	Y	3	Resolved	Defer	PDBI export stops when file reaches 2GB.	The PDBI export will be incomplete if the PDB database is over 2GB. PDB exports for which export files exceed 2GB must be export in ranges.

Table RN-9. EPAP 10.0 Known PRs (06/27/08) (Continued)

PR #	CSR	Sev	Status	Dispo- sition	Title	Customer Impact
129293	Y	3	Resolved	Defer	EPAP 9 - Error in the Gui when trying to retrieve records in RTDB menu	The error does not prevent the successful execution of the request. No impact other than the error appearing when trying to retrieve IMSI / IMEI
130209		3	Resolved	Defer	Small PDBA memory leak on failed cmds	This problem is not expected to affect any customer in a material way.
130591	Y	3	Pending_Inv estigation	Active	PDB export is creating two files for one day.	Customer is concerned that the filesystem will fill up quickly if two backup files are created every day.

