Tekelec EAGLE® 5

Release 42.0

Release Notice
910-6025-001 Rev G
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Legal Information

Copyright, Notice, Trademarks, and Patents

6,990,347; 6,993,038; 7,002,988; 7,031,340; 7,035,239; 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; 7,219,264; 7,222,192; 7,242,695; 7,254,391; 7,260,086; 7,286,516; 7,286,839; 7,295,579; 7,304,957; 7,318,091; 7,319,857; 7,327,670; 7,366,530; 7,372,953; 7,383,298; 7,401,360; 7,403,523; 7,403,537; 7,406,159; 7,439,854; 7,466,807; 7,466,815; 7,468,988; 7,502,611; 7,522,580; 7,525,997; 7,532,647; 7,554,974; 7,564,870; 7,573,905; 7,580,517; 7,606,202; 7,616,659; 7,630,211; 7,631,093; 7,633,872; 7,633,969; 7,644,215; 7,650,367; 7,675,905; 7,680,928; 7,693,066; 7,693,068; 7,701,925; 7,702,963; 7,706,343; 7,716,175; 7,720,463; 7,738,488; 7,738,489; 7,738,648; 7,742,421; 7,743,131; 7,751,836; 7,760,706; 7,760,708;

Foreign Patent Numbers:

CA2033880; CA2292962; CA2351375; CA2352246; EP1062792; EP1135905; EP1161819; EP1169829; EP1173969; EP1177660; EP1192758; EP1240772; EP1247378; EP1252788; EP1266528; EP1269764; EP1285545; EP1290854; EP1303994; EP1308054; EP1314324; EP1356686; EP1364520; EP1371246; EP1377909; EP1425932; EP1556778; EP1679848; EP1715658; EP1755295;

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Introduction

This *EAGLE 5 42.0 Release Notice* is updated to include GPLs and Resolved PRs for EAGLE 5 Release 42.0.5, Build 42.0.5-63.38.37. This Release Notice includes EAGLE 5 Release 42.0.4, Build 42.0.4-63.38.36, EAGLE 5 Release 42.0.3, Build 42.0.3-62.38.35; EAGLE 5 Release 42.0.2, Build 42.0.1-63.38.33; EAGLE 5 Release 42.0.1, Build 42.0.1-63.38.31; EAGLE EMS Release 42.0, Build 42.0.0-140.19.0; EAGLE 5 Release 42.0.0, Build 42.0.0-63.38.17; ELAP 9.0.1, Build 9.0.1-90.24.0; ELAP Release 9.0, Build 9.0.0-90.22.0; and FTRA Release 4.3, Build 4.3.0-40.19.0.

The *EAGLE 5 42.0 Release Notice* includes:

- Generic Program Loads for EAGLE 5 42.0.5, 42.0.4, 42.0.3, 42.0.2, 42.0.1, and 42.0

- Resolved PRs for EAGLE 5 42.0.5, 42.0.4, 42.0.3, 42.0.2, 42.0.1, and 42.0

- Resolved PRs for EAGLE EMS 42.0

- Resolved PRs for ELAP 9.0.1

- Resolved PRs for ELAP 9.0

- Resolved PRs for FTRA 4.3

- Known PRs for EAGLE 5 42.0.0

- Known PRs for EAGLE EMS 42.0

- Known PRs for ELAP 9.0

  NOTE: There are no Known PRs for FTRA 4.3.

Release Notices are distributed to customers with a new software release at the time of General Availability (GA) or Limited Availability (LA). EAGLE 5 Release 42.0.5 is a GA Release. EAGLE 5 Release 42.0.4, EAGLE 5 Release 42.0.3, EAGLE 5 Release 42.0.2, EAGLE 5 Release 42.0.1, EAGLE 5 Release 42.0, EAGLE EMS Release 42.0, ELAP Release 9.1, ELAP Release 9.0, and FTRA Release 4.3 are GA releases.

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 site**.

2 Enter your assigned username and chosen password, then click **Login.**

   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 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 previsous build are highlighted.

Table RN-1. GPLs - 42.0.5-63.38.37, 42.0.4-63.38.36, 42.0.3-63.38.35, 42.0.2-63.38.33, 42.0.1-63.38.31, 42.0.0-63.38.17

GPL SYSTEM NAME	Version Build 42.0.5-63.38.37	Version Build 42.0.4-63.38.36	VERSION Build 42.0.3-63.38.35	VERSION Build 42.0.2-63.38.33	VERSION Build 42.0.1-63.38.31.	VERSION Build 42.0.0-63.38.17
Date Available	09/02/11	06/24/11	06/07/11	04/26/11	02/04/11	11/05/10
ATMANSI	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
ATMHC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.15	133.38.15
ATMITU	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
BLBEPM	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLBIOS	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLBSMG	132.48.0	132.48.0	132.48.0	132.48.0	132.48.0	132.48.0
BLCPLD	133.18.0	133.18.0	133.18.0	133.18.0	133.18.0	133.18.0
BLDIAG	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0
BLDIAG6	133.32.0	133.32.0	133.32.0	133.32.0	133.32.0	133.32.0
BLMCAP	133.38.17	133.38.17	133.38.17	133.38.17	133.38.17	133.38.17
BLROM1	132.1.0	132.1.0	132.1.0	132.1.0	132.1.0	132.1.0
BLVXW	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0
BLVXW6	133.38.33	133.38.33	133.38.33	133.38.33	133.38.17	133.38.17
BPDCM	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
BPDCM2	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
BPHCAP	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
BPHCAPT	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
BPHMUX	133.33.0	133.33.0	133.33.0	133.33.0	133.33.0	133.33.0

Table RN-1.   GPLs - 42.0.5-63.38.37, 42.0.4-63.38.36, 42.0.3-63.38.35, 42.0.2-63.38.33, 42.0.1-63.38.31, 42.0.0-63.38.17 (Continued)

GPL SYSTEM NAME	Version Build 42.0.5-63.38.37	Version Build 42.0.4-63.38.36	VERSION Build 42.0.3-63.38.35	VERSION Build 42.0.2-63.38.33	VERSION Build 42.0.1-63.38.31.	VERSION Build 42.0.0-63.38.17
Date Available	09/02/11	06/24/11	06/07/11	04/26/11	02/04/11	11/05/10
BPMPL	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
BPMPLT	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
CDU	163.38.36	163.38.36	163.38.32	163.38.32	163.38.14	163.38.14
EOAM	**133.38.37**	133.38.36	133.38.34	133.38.32	133.38.17	133.38.17
EROUTE	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
ERTHC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
GLS	133.38.36	133.38.36	133.38.32	133.38.32	133.38.31	133.38.14
GLSHC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.31	133.38.14
HIPR	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
HIPR2	133.33.0	133.33.0	133.33.0	133.33.0	133.33.0	133.33.0
IMT	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IMTPCI	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0	133.34.0
IPGHC	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPGWI	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPLHC	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPLIM	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPLIMI	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPS	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPSG	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
IPSHC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
MCP	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
MPLG	163.38.36	163.38.36	163.38.32	163.38.32	163.38.14	163.38.14

Table RN-1. GPLs - 42.0.5-63.38.37, 42.0.4-63.38.36, 42.0.3-63.38.35, 42.0.2-63.38.33, 42.0.1-63.38.31, 42.0.0-63.38.17 (Continued)

GPL SYSTEM NAME	Version Build 42.0.5-63.38.37	Version Build 42.0.4-63.38.36	VERSION Build 42.0.3-63.38.35	VERSION Build 42.0.2-63.38.33	VERSION Build 42.0.1-63.38.31.	VERSION Build 42.0.0-63.38.17
Date Available	09/02/11	06/24/11	06/07/11	04/26/11	02/04/11	11/05/10
OAMHC	**133.38.37**	133.38.36	133.38.34	133.38.32	133.38.17	133.38.17
PKTGEN	163.38.36	163.38.36	163.38.32	163.38.32	163.38.14	163.38.14
PKTGHC	163.38.36	163.38.36	163.38.32	163.38.32	163.38.14	163.38.14
PLDPMC1	132.19.0	132.19.0	132.19.0	132.19.0	132.19.0	132.19.0
SCCPHC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.31	133.38.14
SLANHC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133,38.14
SS7EPM	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0
SS7HC	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
SS7IPGW	**133.38.37**	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
SS7ML	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14
VCDU	163.38.36	133.38.36	163.38.32	163.38.32	163.38.14	163.38.14
VSCCP	133.38.36	133.38.36	133.38.32	133.38.32	133.38.31	133.38.14
VXWSLAN	133.38.36	133.38.36	133.38.32	133.38.32	133.38.14	133.38.14

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-8 lists resolved PRs for EAGLE 5 42.0.5.

Table RN-3 on page RN-9 lists resolved PRs for EAGLE 5 42.0.4.

Table RN-4 on page RN-10 lists resolved PRs for EAGLE 5 42.0.3.

Table RN-5 on page RN-11 lists resolved PRs for EAGLE 5 42.0.2.

Table RN-6 on page RN-13 lists resolved PRs for EAGLE 5 42.0.1.

Table RN-7 on page RN-14 lists resolved PRs for EAGLE 5 42.0.0.

Table RN-8 on page RN-28 lists resolved PRs for EAGLE EMS 42.0.

Table RN-9 on page RN-30 lists resolved PRs for ELAP 9.0.1.

Table RN-10 on page RN-31 lists resolved PRs for ELAP 9.0.

Table RN-11 on page RN-33 lists resolved PRs for FTRA 4.3.

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

Table RN-2.   EAGLE 5 42.0.5 Resolved PRs for Build 42.0.5-63.38.37 (09/02/11)

PR #	CSR?	Sev	Title	Customer Impact
203408	Y	2	IPSG obit with Module ath_vxw_mgr. Line 1711 Class 01c3 randomly	This can cause links on the card, that are already in service, to go down.
204917	Y	2	Chg-GTT/GTA does not increment the MRNSET count	The active EOAM's card database is marked inconsistent. The command causing this is aborted and no update occurs. Also the remaining GTT entries pointing to the MRNSET cannot be removed. Please see TN003384.
204423	Y	3	Deleting a linkset (dlt-ls) removes the first ttmap entry from the TTMAP table	Since Dlt-ls command incorrectly removes the first TTMAP table entry from OAM, in order to avoid possible traffic impact, customer needs to verify the TTMAP table immediately after every successful dlt-ls command and enter back the missing entry. Please see TN003382.

Table RN-3. EAGLE 5 42.0.4 Resolved PRs for Build 42.0.4-63.38.36 (06/24/11)

PR #	CSR?	Sev	Title	Customer Impact
202872	Y	3	Command unhb-alm not working	Not possible to un-inhibit any alarm previously inhibited
203053		3	ent/dlt-rmt-appl commands updated wrong data record	

Table RN-4. EAGLE 5 42.0.3 Resolved PRs for Build 42.0.3-63.38.35 (06/07/11)

PR #	CSR?	Sev	Title	Customer Impact
199762	Y	3	Standby E5 OAM (E5 MASP) not properly setting up secondary HS clock	When an E5 MASP was removed from a duplex system and then reinserted, the secondary HS clock would remain FAULT. This is an intermittent fault when clock is set to T1framed shorthaul. Entering the clk-opts will correct.
202113	Y	3	ALW-SLK and unhb-slk do not work	Customer can not unihibit link via normal operation. They would either need to boot the card, deactivate all other links so that the link inhibited is the only link left accessing a point code, or contact TAC.

Table RN-5.   EAGLE 5 42.0.2 Resolved PRs for Build 42.0.2-63.38.33 (04/26/11)

PR #	CSR?	Sev	Title	Customer Impact
196556		2	HCMIM will not properly load Vx works after being Init Flashed with 62.50.0 or later releases.	HCMIM cards may not work with new flash image.
196971		2	R43_LNPMR_GTT: Database corrupted and Sev 1 observed when deleting gttsel entry.	OAM database goes inconsistent.
198696		2	ath_vxw.c Line 2715 Class 0001 Obit on E5-ATM cards when SCCP cards were loading from EPAP	When there is GTT traffic but no SCCP cards, the E5-ATM cards may boot instead of discarding the GTT traffic. This would potentially cause loss of all traffic that the E5-ATM cards are processing.
198700	Y	2	SIGTRAN interface does not always adjust MTU when ICMP is received	SIGTRAN IP networks with MTU less than 1500 may experience faults due to large MTU size packets.
141089	Y	3	UAMs for E5-MDAL "MDAL not responding" being generated	Occasional momentary MDAL Not Responding alarms will appear and then immediately clear themselves when this situation occurs.
165109	Y	3	CSV output has ATM port hardcoded to A	The customer will have to use regular EAGLE terminal command rtrv-slk to see the correct port for ATM cards using the B port.
165932	Y	3	IPSG: Changing MAXSLKTPS to a lower value causes invalid assoc flow control value.	The MAXSLKTPS can be changed with the CHG-LS command - EX: chg-ls:Lsn=ls1305a:maxslktps=3000. When the problem occurs the LS reports the maxslktps value ok, but the association flow control (this is under the cover and users don't see this) value still stays at previous value. This will result in the link supporting the wrong amount of traffic. The work around is to close and open the associations after which the associations will use the new rate.
166111	Y	3	Unable to provision gateway link set via SOIP	Unable to add, verify, change, or delete a gateway linkset via SOIP commands. However, this can be provisioned via the maintenance terminal or flow-through.
166471	Y	3	RSRTDEV=ON does not prevent card from showing isolated after MASP switch over	Customer will have to manually disable devices that were previously disabled but the system has now attempted to initialize. Alarms will be present in the system until those devices are manually inhibited again.
195302	Y	3	A failed terminal can revert back to OOS-MT-DISABLED upon OAM SWACT with rstrdev=on	Customer may need to reinitialize previously allowed (which are in failed status) terminals after an OAM SWACT.
196477	Y	3	rtrv-appl-rtkey only shows lower 16 bits of rcontext	Customer will not see the correct value for the route key for values over 16 bits. The correct value is used by the protocol.

Table RN-5. EAGLE 5 42.0.2 Resolved PRs for Build 42.0.2-63.38.33 (04/26/11) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
196858	Y	3	overlapped selector search in case of Cg selectors with GTI=4 does not work.	Overlapped selector search is not performed in the case of CGPA selectors with GTI=4. If the selectors in the first domain are not found, then the next domains are not searched. For example, if the MSUs' incoming OPC is ITUN, then the GTIN selector table is searched to see if there is a match. If there is not a match, the other domain's (ITUN24, ITUI, ITUNS, ITUIS) GTT selector table should be searched for overlapped selector. With this PR, the latter search is not performed (only the ITUN GTT selector table search would be performed in the example above).
197383	Y	3	Command class changes when upgrading to 42.0	User-configured command class in pre-42.0 releases may be lost or get the command class altered after the system is upgraded to release 42.0 or higher.
197832		3	Module uias_msg.c line 2186 - after RTRV-GTWYLS command	
198246	Y	3	Unexpected Hex chain displayed between each UAM when TRM type is MGMT	Customer using third party OSS system expects a clear display of UAMs sent by the Eagle through TRM configured with TYPE =MGMT. This issue prevents a clean collection and interpretation of UAM events by the external OSS system.
199439		3	SEAS rtrv-gtwy-acthresh does not return correct data	
199849	Y	3	Upgrade failure due to CGPA Conversion set in 41.x	The upgrade will fail in some cases because of invalid entires related to the CGPA GTA.

Table RN-6. EAGLE 5 42.0.1 Resolved PRs for Build 42.0.1-63.38.31 (02/04/11)

PR #	CSR?	Sev	Title	Customer Impact
195571	Y	2	SCCP cards are experiencing UAM 537- Ethernet error threshold exceeded alarm with recommended configuration	Customer may get false alarm when using the standard half-duplex ethernet configuration on SCCP cards with hub configuration.
195672	Y	2	GLS cards boot due to binder error	The GLS card may continue to boot, keeping screening from downloading.
195046	Y	3	IDPR - DSM4G card reboots if Conditioned Digits length is greater than 21 and service actions is 'ccncchk'	Reboot occurs only when EAGLE receives an IDPR message and Number obtained after number conditioning on CDPN is more than 21 digits in length and service action provisioned is ccncchk. If conditioned number has less than 21 digits then IDPR successfully processes the message. This impacts the processing of IDPR traffic with CDPN such that conditioned digits >21. This issue exists on DSM card only. E5-SM4G does not reboot.
196100	Y	3	Severity 1 Module bndr_utl.c Line 1983 Class 01c3 after GLS card reboot	Screening may not download correctly.

Table RN-7.   EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10)

PR #	CSR?	Sev	Title	Customer Impact
129837		2	Btree does not rebalance properly	Both chg and dlt commands for global title entries can cause the Btree to become unbalanced. If this gets futher than 80 deep this can cause cards (OAM and SCCP) to boot.
159348		2	Module md_hipr2.c Line 367 - Obits on realignment	HIPR2 may take a little longer to load when it is inserted in the system.
159668		2	pmtc_mgr.c line 696 Severity 1 on 62.58.0	Should DDB updates be in transit when an IMT virtual circuit drops, DDB will go inconsistent. This would lead UAM 911 to be displayed to report dynamic database inconsistencies. The occurrence is rare, but possible. It appears to impact legacy ATMs more than any other card type.
159741		2	Upgrade does not complete in maintenance window for large station	Larger system with more than 10 differenet application GPLs will probablaly take longer than the normal 6 hour maintenance window to upgrade.
159787		2	Upgrade fails to flash cards, reporting INVALID CARD TYPE per imtc_mgr.c Line 47XX troubles	This will cause the upgrade to take longer than expected.
160363		2	MCP Cards took too long to load during upgrade	Can extend the upgrade time if this problem is hit.
161329		2	Eagle fails to convert network indicator for MTP routed SCCP DT1 msgs with MTP msg for SCCP apps feature on resulting in sil	With MTP Routed SCCP feature, DT1 or other non UDT(S)/XUDT(S) messges crossing network boundaries will not be converted even though alias exists for the DPC.
163435		2	IMT with HIPR2 and HIPR &/or HMUX cards will not always align	When HIPR and HIPR2 cards are mixed in a bus, HIPR2 cards may fail to align and the bus remains OOS. This requires a physical removal and re-insertion of a HIPR/HIPR2 card to recover the bus.
163526		2	E5 Eagle Cards Can't Get on IMT Bus in a -02 Extension Shelf with HIPR2	When HIPR and HIPR2 cards are mixed in a bus, HIPR2 cards may fail to align and the bus remains OOS. This requires a physical removal and re-insertion of a HIPR/HIPR2 card to recover the bus.
163631		2	HIPR2: IMT detects BERT errors and won't align at high rate if traffic running	Due to false error detection, the IMT may not align at the correct rate.
163715		2	HIPR2 gets "locked up" and does not boot	The HIPR2 card could lock in a down state and require a physical reset to recover.
163726		2	IMT bus B goes down during traffic run with monitoring and STC subsystem in abnormal state	The IMT bus can fail and require physical reset of cards to recover. Also some HIPR2 cards will not work in slot 1110.
164229		2	B bus was stuck in a down state due to a hipr 2 card not able to boot after an init-mux:bus=b command	This problem causes HIPR2 to lock up. This means the IMT Bus will be down until someone manually re-seats the HIPR2 that locked up.

Table RN-7.   EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
164507		2	HIPR2: Needs a HW watchdog timer.	Currently no hardware watchdog is running for HIPR2 cards that are in a hung state. In order for the card to exit from this state a hardware watchdog is needed to reboot the HIPR2 card in case of any bugs that put the processor of the card in a hung state.
165111		2	RTRV-OBIT some times only reports (>>>> Log queue is full <<<<)	rtrv-obit command without NUM parameters specified sometimes reports (>>>> Log queue is full <<<<). If this happens then the user must use the command RTRV-OBIT:LOC=<1113|1115>:NUM=xx (where xx = 1 - 149). This workaround will display the requested information except for the last obit of 150.
165277		2	HIPR2 didn't receive card address via TDM UART	Since the HIPR2 card did align on the IMT bus and there were no cards in the Extension shelf, the system impact would be minimal. Since the HIPR2 shelf LED was blinking amber/off, indicating that the card was waiting for his shelf address, no maintenance blocks to the OAM would occur, therefore the card would look as though it was not inserted. If a LIM card was inserted into the shelf, the TSU capture algorithm would allow the HIPR2 to receive its shelf ID and everything would start working as normal.
165971		2	CSVGENX hangs on Solaris machine	The FTRA application may hang on a Solaris machine.
166505		2	HIPR2 is receiving its own packets even when the FC bus is not viable.	Can cause attempt to run at high speed to fail even though the IMT would support it.
166631		2	IPSG Obit for DAUD with Invalid length Module t4b_bm.c Line 434 Class 01c4	If a DAUD with an invalid message length comes in, the IP card will boot.
166669		2	HIPR2 FPGA Buffer Problem	When this buffer problem occurs, the HIPR2 may reboot and cause the IMT bus to go down. The bus will come back up and working once the HIPR2 reboots.
168575	Y	2	Dlt-rte may boot running SS7ANSI, SS&ML and ATMANSI	Deleting a cluster in ANSI can boot all the link interface cards. The work around is to change the ELIA before deleting the cluster entry.
170172	Y	2	TFC handling on M3UA combined with GWS redirect to SCCP can lock PC in congestion.	This could cause a point code to be stuck in congestion until that point code is prohibited and allowed.
192756	Y	2	E5-ATM has shorter LCD period than legacy ATM card.	Links may fail alignment or go down quicker on E5-card when they would work fine on Legacy ATM card.
193132	Y	2	E5 MASP locks up when using rept-stat-iptps	This could cause the E5-OAM cards to lock up and require manual reseat to recover.
109898		3	SCTP Init Issues22-Telcordia-13) SUT sent incorrect INIT in response to an ERROR chunk with a stale cookie error	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
109912		3	SCTP Init Issues36-Telcordia-8) SUT sent ABORT with wrong error cause in response to a DATA chunk without the User Data param	
123369		3	Service Selectors process MSUs even though SCCP Service is offline/disabled	
127520	Y	3	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. Once the GPL has been swapped out as recommended by the maintenance manual, the customer will have to wait for the next audit cycle to complete (approximately 1.5 - 2 hrs) before the corruption alarm is lowered. This is currently also the time it would take to detect such a corruption.
128587		3	Telcordia, Sigtran, seas, DURLKOTG register was not correct for IPSG M3UA links	
128590		3	Telcordia, Sigtran, seas P_RBASE LINK congestion registers were not correct for HSL links	
128592		3	Telcordia, Sigtran, Seas, SURCVERR did not include messages with an invalid SCTP checksum	
129089		3	Meas data store clearing enhancement	
129914		3	SEAS RBASE IP links NRPRSTRS counting not-applicable registers, '*'	
129934		3	IPSG:inh-alm:dur=timed prompted scm_utl0.c severity 1 ATH	
130405		3	Unable to generate Circular Routing UIM for M3UA or SUA	
131848		3	Obit - pvrdbmsg.c - resync timeout after init-card:data=persist	
131862		3	Potential for NULL_PTR deference in dbcdtlnt_display_ipterm_entry_grp5 and trie_search_next functions	
132343		3	SM4G cards do not error correctly when ULOG level rolls over on ELAP	
132682		3	TRP on Eagle sends message with 0.0.0.0 vip/subnet on SM4G	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
133564		3	LNP Meas Collection at 2400 incomplete if MCP boots	
134572		3	IMT LVL1 Stats	
135771		3	On EAGLE release 40.0.0-61.43.0 , rept-stat-sys command output is not properly formatted.	
135895		3	Seas measurements caused smea_rep.c severity 1 to be generated.	
136029		3	drms.c and egle_utl.c Severity 1 ATHs during full upgrade from 39.2.0-61.36.0 to 40.0.0-61.46.0	
138281		3	E5-MASP BIOS can't find Flash to boot-up	
138414		3	rtrv commands should behave in the same manner when printing 0 entries	
139329		3	mcc.queue Sev 1 trouble on E5OAM while executing a flash-card on the oamhc	
139364		3	E5SM4G Card obit TCP_MGR.C line 709	
139522		3	R41:MEAS: Sev1 meau_oam.c and meau.c are observed with MCP configured	
140178		3	Terminals do not behave as expected when 'arrow' keys are pressed	
140903		3	FTR4.2:PC based ATH SEV-1 "\sw_eagle\gpls\common\hex_utl.c line_num" is getting observed on FTRA for "rtrv-gta" command.	
141073		3	During Upgrade Phase 3 - two different DSMs are marked as Primary causing bouncing primary DSMs	
152378		3	Link congestion causes Dynamic database Audit Failures with Major alm output.	
153299		3	dbg-ddb displays only the first mismatch entry info between 2 cards even if it finds more than one mismatch table entry	
154268		3	Incorrect range for command parameter.	

Table RN-7.   EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
154478	Y	3	RTT can exceed RMAX when assocrtt reports a max RTT value lower than max RTO and no retransmissions are logged	This is not traffic affecting. The command output is used as a debug aid in troubleshooting IP network issues or determining the health of the IP connection. Thus, there is no system impact.
154781		3	Command rept-stat-card:mode=full doesn't complete for HC-MIM card	
155099		3	DAUD msg sent to SCOPY does not match original UA primitive received	
155310		3	EGMS: Measurement Platform should not be required to enable GSM MAP Screening	
155931		3	HIPR2: Command tst-imt needs parameter ACTION=START/STOP	
156163		3	HIPR2: Advanced Stats not shown	
156245		3	eagle usb enhancements to improve part number to software mapping	
156480		3	IDPR: If NAI is unknown and OFNAI is set to incoming, then outgoing NAI is 2	
156654		3	REPT-STAT-SCCP does not show processing time or num of messages for MTP routed msgs serviced by SCCPHC/VSCCP cards	
156879		3	R41.1:ENT-GTTSET command output displayes GTTSET table status two times.	
156945		3	SP_TIF : REPT-STAT-SCCP command shows MNP counter SUCC peg for UIM-1426 (GRN missing) when SPORT is ON	
156946		3	IPSG cards are booting with OBIT t4b_bm.c Line 396 Class 0001	
157164		3	Incorrect SOIP outputs observed for huge SOIP responses.	
157460		3	EAGLE docs chg-as	
157863		3	Cards booting with Module ath_vxw.c Line 30XX after INIT-CARD:APPL=<>.	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
158019		3	oamhc gets blocked on chg-db:src=usb:action=restore	
158128		3	HIPR2: clr-imt-stats:all=yes doesn't clear the Per Minute statistics from HIPR2ERR report	
158191	Y	3	The UASSNMRX measurements register is not being pegged properly.	Customer is unable to determine what UASSNMTX measurement registers are counting.
158405		3	E5-ATM does not properly report NE LOOPBACK	
158424		3	IAR SERVICE counts should be displayed in rept-stat-sccp when only IAR BASE feature is enabled and ON.	
158425		3	NO IAR related measurements should be pegged with IAR Base feature is enabled and off.	
158469		3	Active Legacy OAM boots continuously when its database is incoherent	
158760		3	Legacy OAM login problem	
159068		3	HIPR2: Normal BERT test fails to turn off the BERT receiver if lost sync count threshold aborts the BERT.	
159069		3	HIPR2: HIPR2 FPGA needs to count lost sync instances	
159116		3	IMT RX MSU filtering (IMTV1)	
159249		3	Module restart.c Line 1034 Class 0001	
159282		3	Telcordia - Incorrect PROSTAT Value in D_MTCS Report When SIPOs Received	
159461		3	ssh-keyscan not functional	
159476		3	IPSGs OBIT with Module ath_vxw_mgr. Line 1770 Class 01c3	
159733		3	HIPR2: IMT rate increase on, rept-stat-mux shows cards running high and low on same IMT	
159790		3	Multiple flash download may fail on account of one slow card	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
159906		3	E5-OAM TDM Frozen. Card 1115 Module tpim_io.c Line 367 Class 01c3	
159987		3	HIPR2: IMT Rate change abort procedure needed	
160002		3	ATM cards Obit - Module itx_rtx.c Line 2038	
160140		3	MTP Routed SCCP APPS feature enabling dependencies is incomplete.	
160477		3	HIPR2: fpb_mgr.c Severity-1 Line 755 observed when Active OAM is booted while one IMT Bus is inhibited	
160478		3	HIPR2 High Rate mode feature getting activated even if there is any IS-ANR HMUX/HIPR card(s) present in the system	
160517		3	HIPR2: Extended BERT results invalid when the test terminates prematurely within 1 second of test run due to excess error	
160617		3	HIPR2: chg-ctrl-feat command for "HIPR2 High Rate mode" feature should be rejected when Extended BERT in progress	
160808		3	after MASP activity switch, printer terminal is generating output similar to vt320 mode	
160842		3	HIPR2: PMTC Disconnect Trigger Should Cause the Extended BERT Test to be Terminated (Telcordia-FT)	
161092		3	HIPR2: Expected card count of zero not reflected following aborted copy-ext-stats command execution. (Telcordia-FT)	
161171		3	HIPR2: Should not block "init-sys" command when bus rate change or Extended BERT is in progress	
161194	Y	3	rtrv-ctrl-feat command Displays Incorrect Feature Names	Some features show up with erroneous names via rtrv-ctrl-feat. The FAK part numbers are correct.
161246		3	HIPR2: Extended BERT results not valid for Eagle with shelves 1100, 1200, 2100 and 2200	

Table RN-7.   EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
161439		3	Display of U17-U32 on E5-MASP does not work for rtrv-secu-user	
161597	Y	3	Doc 910-5792-001 REV B does not contain description of some MOSMS counters MOSMSSEGER and MOSMSSEGOK	Customers will not find all counters related to MOSMS feature in the Feature Description doc. They will have to look in the Measurements Manual until fixed.
161616	Y	3	INPQ service selector fails when provision for secondary point code.	NPREQ traffic routed on load-sharing basis of the secondary point code fails with invalid msg type.
161676		3	HIPR2: tosil_md.c Line 1104 Class 6003 Severity 1 during IMT alignment	
161716		3	HIPR2 locks-up when the board is in an eagle shelf and the reset button is pressed	
161742	Y	3	UAM 0084 - IP Connection Unavailable in Maintenance Manual 910-5670-001 needs to be updated	Customer may not be able to troubleshoot UAM 0084 without contacting TAC for support.
161743	Y	3	0086 - IP Connection Congested, Customer Docs need to be updated.	Customer is unable to fully understand the UAM and why it occurs. Need to have Documentation enhanced to provide the Customer a better understanding of the alarm, when and why it's triggered and suggestions for troubleshooting.
161744	Y	3	UAM 0277 - AS Unavailable and UAM 0279 - AS Restricted needs to be updated.	With current documentation Customer may not be able to fully understand the UAM. We need to update the steps as well as possibly provide additional information to show the Eagle is just reporting an action taken by the far end.
161745	Y	3	UAM 0535 - IP Connection Restricted needs to be updated	Customer may not be able to troubleshoot UAM 535.
161746	Y	3	UAM 0536 - IP Connection Excess Retransmits needs to be updated in Customer Docs	Customer may not understand how to troubleshoot issue.
161768	Y	3	:SLSRSB= restriction needs to be added to Customer Documentation.	Customer will not route traffic according to their understanding of the feature as they do not have information that mismatched SLSRB on combined linkset is not supported.
161774	Y	3	Supported MO Cartridge size needs to be updated in Hardware - Signaling Products manual.	Customer will have to call TAC when mismatched HW isn't accepted.
161781	Y	3	DDB Phase 1/2 debug information to be added in the customer documentation	Customer needs additional information regarding DDB management evolution in order to properly troubleshoot DDB issues.

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
161844		3	HIPR2: utilize the new FPGA lost sync count registers	
161993		3	HIPR2: chg-ctrl-feat is accepted while HIPR2 flash is in progress	
162095	Y	3	send-msg:ds=1:oa=h'98:da=h'5d:f=hâ_™61:loc=XXXX requres ALL=YES to be set on issuing terminal	Command output now correctly comes out when debug is set for terminal.
162373		3	HIPR2 Ext Bert: IMT Rate change command completes but rate change never occurs during incremental upgrade	
162487	Y	3	EIR Function not working for a CheckIMEI that is duplicated by MAP Screening	EIR Function not working for a CheckIMEI that is duplicated by MAP Screening.
162494		3	HIPR2: BERT Errors that are injected after the BERT is sync'd do not cause the Ext BERT test to "fail"_.	
162770		3	IAR: S-Port Missing GRN UIM does not contain necessary data	When S-Port entires are missing GRN the UIM does not give enough information to make it easy to identify.
162864	Y	3	Incorrect handling of SAPC in an M2PA linkset	Eagle is discarding MSUs with cause "Invalid SIO (UIM 1018) when the SAPC does not match the linkset point code for the IPSG M2PA linkset.
162944	Y	3	In upgrade procedure 909-1570-001 REV D Table 6/section 3.2 shows target software download as Non-intrusive, which is wrong.	Customer may think a format disk is not an intrusive action.
163115		3	HIPR2: rept-imt-lvl1 does not report TAXI bus utilization	
163116		3	HIPR2: rept-imt-lvl1:hs=yes report is sometimes missing data for cards or shelves	
163117		3	HIPR2: rept-imt-lvl1 with s and e parameters shows no slots	
163134		3	Secondary HSCLKSRC Value in CLKOPTS Table Does Not Get Set to Same Value In Primary After Upgrade	
163186		3	EGLE OPTS DRMS conversion function incorrect for upgrades from 37.5 and 38.0	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
163239		3	HIPR2: No 100 MS Peak Packets for Signal Units in Advanced Level 1 Stats	
163255		3	tst-imt:type=extbert action=stop does not halt extended BERT test	
163337		3	HIPR2: MPKT counter peak value not reported with rept-imt-lvl1	
163388	Y	3	E2155 uses APPL instead of GPL	The customer may not know that they should use gpl when reading the error recovery. However the requirement is in the Commands Manual.
163762	Y	3	RTRV-GTT for a range of numbers shows GTT entries not in the requested range.	Customer may get data from entires not in range that was requested. The extra data is in the database; however, based on the filtering the customer requested, the extra data should not be displayed.
163955	Y	3	OAM and other cards unable to get on back on IMT following a tst-imt command	If test-IMT is run multiple times to ensure the state of the IMT, the HIPR card in the control shelf for that IMT may become unresponsive.
164022		3	Module dmshc_oam.c Line 0652 DMS Error when doing a format-disk command for upgrade	
164145	Y	3	Non readable output from rtrv-gttsel	User is not able to see readable output if used on non-80 column terminal.
164210		3	display issue from rept-stat-alm for inhibited alarms	
164228		3	SUBDFRN mismatch between chg-sccpopts and rtrv-sccpopts commands	
164257		3	Hardware baseline incorrectly states E5-OAM required for HIPR2.	
164318		3	Misspellings of HIPR2 in rept-imt-lvl1 stats	
164349		3	pmtc_oam.c Line: 1252 obit on E5-OAM with HIPR2s in the shelf	
164374		3	HIPR2 can have multiple masters	
164445		3	HIPR2: hipr2op_rx_m Line 279 Class 01b9 Severity 1	
164866	Y	3	UAM balancing matrix not clear for SLKs	Customer documentation may look unclear to the customer.
165072		3	HIPR2 reports obit Module hipr2op_star Line 553 Class 0075 after init-flash	

Table RN-7.   EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
165161	Y	3	Wildcards are not working in rtrv-dstn	Rtrv-dstn using wild cards will not show cluster or network routes. If the specific network or cluster route is entered, the rtrv-dstn will display it.
165176		3	HIPR2 boot code does not use the correct map bit in the exb_config_0 register.	
165194	Y	3	with GTT LS ARI feature activated it is sometimes not possible to delete some MRNSET entries referenced in MAP table	With GTT LS ARI feature activated it is sometimes not possible to delete some MRNSET entries referenced in MAP table.
165406	Y	3	UAM/UIMs customer documentation indicates that an MSU is dicarded by the Eagle when UIM 1023 is output	Customer is confused by the meaning of UIM 1023. The generation of this UIM does not necessarily means that an MSU has been discarded. It may indicate that some features did not handle an MSU due to its package type. Instead the MSU can be handled by GTT and be processed.
165453		3	IMT Lvl1 stats do not retrieve the data from a HIPR2 card if there is a shelf missing.	
165829		3	Invalid HIPR2 interrupt	
165833	Y	3	In service states shown incorreclty in DB Admin manual for E5 class cards	User may be confused why documentation and Eagle output do not match for temperature issues.
165975	Y	3	UAM 33 should be raised after a corrupted disk is repaired	Following the repair, UAMs are cleared on the Eagle but no UAM event is reported for this. The main impact is that these alarms are not cleared on EMS systems since no UAM 33 is triggered after the alarm is cleared.
166183		3	imt_dispatch Line 339 severity 1 ATH when changing high rate mode for HIPR2	
166469	Y	3	E5-OAM rejects ent-gta when using uppercase "DFLT" for MRNSET	The commands work correctly if "dflt" is all lower case. Customer with E5-OAMs may be confused as the upper case "DFLT" is rejected when it should not be.
166479		3	HIPR2: FC Util Statistic reports over 100%	
166519		3	MAPSET entry reference count not getting incremented/decremented	
166575		3	Unable to read any thumb drive in removable and usb slots of an E5-OAM	
166859		3	HIPR2 Memory Single Bit Errors (SBE)	
167083	Y	3	Incorrect information in EIR feature description in customer doc 910-5788-001 Revision B	Wrong EIR response in the documentation may cause the customer to be confused when it is compared to the response from the EIR feature.

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
167116		3	HIPR2: rept-imt-info reports counts for unequipped card slots	
167310	Y	3	UAM 560 deleted from customer maintenance documentation	UAM 560 is missing in the customer documentation. Customer needs this UAM to be documented for troubleshooting perspectives.
167399	Y	3	E5-MDAL is missing power and physical characteristics chart.	Customer will not know power consumption for planning purposes.
167634		3	HIPR2: Lost Multicast Pkt count not cleared in rept-imt-lvl1 reports	
168859		3	During upgrade (41.0.2 to 42.0) MCP reported multiple Severity 1: ftp_app.c and mprm_sl.cpp	
169043		3	Continuous E5-OAM obit during healthcheck 2	
48657		5	Upgrade only converts 1 EROUTE card at a time	
55813		5	Need to display new IMTPCI/HC Blade IMT Stats	
107718		5	Eagle OA&M Password Security Enhancements	
107719		5	Eagle OA&M Password Limitation Enhancement	
110048		5	rept-stat-lvl1 needs a new param. to allow only cards with errors to report	
110049		5	rept-stat-lvl1 - need to update with new and additional error counts	
111435		5	E5-OAM Integrated Measurements	
116456		5	Support of 750K Sigtran system TPS	
118106		5	64 PC support in M3UA DAUD message	
130831		5	Link should not be allowed for deletion when lsrestrict is ON and number of links falls below tfatcabmlq	
134573		5	New IMT LVL1 stat (add count for times a card gets off a bus)	
134574		5	New imt lvl1 stat (add a count to reflect the number of times a VC is dropped)	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
137049		5	Need unique selectors for ITU-I, ITU-N and ITU-N24 GTT selectors	
137259		5	GTT Actions	
137290		5	FLOBR Enhancements	
137607		5	Support >9 SM4G cards with LNP 384 million	
138054		5	Support >25 SCCP cards with EPAP T1200 application server	
140230		5	Ability to choose whether last digit 0 should considered as filler or a valid digit for GTI 2 to GTI 4 case	
140595	Y	5	Large MSU support for IP Signaling	
140909		5	HIPR2: Add Extended BERT parameter to TST-IMT command	
140913		5	HIPR2: HIPR2 rate change optimization	
153102		5	HIPR2 - retrieval of extended statistics	
156488		5	EIR support for h'80 IMSI tag in Check_IMEI	
157009		5	G-Flex MAP Layer Routing support for ATI using MSISDN	
157186		5	ON/OFF Options - add list mnemonic list of options to reduce command parameters	
157316		5	Removing maximum parameter limit from the UI command messages	
157324		5	DRMS/DMS Mirroring	
157618		5	Support IPSG Link Capacity Sharing	
157622		5	Extending IPSG Ethernet alarms to all Eagle applications that run on cards support Ethernet interface	
157754		5	Increase CSL GT List for IDPR and IAR	
158511		5	EOAP Hardware Maintenance Phase	

Table RN-7.   EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
158676		5	HIPR-2 Blocks All Ports When One Port Is Full	
158679		5	Reference Count for GTTSETs	
159291		5	AMGTT Data needs to be maintained under new command set	
159299		5	Eagle Command Set Automation (ECSA)	
160039		5	E5-OAM IP/Ethernet Support	
160420		5	SCTP Payload Protocol Identifier needs to handle Big Endian or Little Endian byte order	
161125		5	Increase ATM links per node. Remove ATM card/link level software limits	
161141		5	HIPR2: report BERT results on a per card basis	
161235		5	Support FastCopy on IPGW	
161245		5	Command to perform migration of IPLIM to IPSG	
161314		5	S-Port Subscriber Differentiation	
161338		5	sysstat command needs to output OAM DB memory info for both SCCPHC and VSCCP	
161361		5	Flexible GTT load sharing after MNP RTDB look up	
161877		5	Change RTRV-MEASOPTS output to be FAK independent	
162897		5	Upgrade needs to stop after a card set finishes upgrading during which a card was removed from the set	
162941		5	Support of MAPSET and MRNSET needs to be added in GTA with XLAT=NONE	
163566		5	rept-imt-lvl1 inconsistent for MUX cards that don't report Advanced Stats	
164369		5	HIPR2_fpga_stats.c line 4885 sev 1	
166860		5	NPS Flag in case of PT=None for own subscribers using MO_SMS_FRAUD_CHECK Feature	

Table RN-7. EAGLE 5 42.0 Resolved PRs for Build 42.0.0-63.38.17 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
167579		5	Add retransmitted MSU counts to the IMT Level 2 stats	
167954		5	Route ReportSMDeliveryStatus for non-local or ported out subscribers using GTT	

Table RN-8. EAGLE EMS 42.0 Resolved PRs for Build 42.0.0-140.19.0 (01/28/11)

PR #	CSR?	Sev	Title	Customer Impact
136175		3	EMS: 'Logged-in EAGLE(s)' list not updated on stopping COMMAND port	
136170		5	EAGLE EMS - Command Class Selection should be mandatory for some CMI Functions	
136912		5	View Script Page should list the CMI command script name	
137797		5	EAGLE EMS: SNMP Support of Tekelec MIB	
139410		5	EMS : CMI upgrade removes the cron entries.	
152535		5	EAGLE EMS CMI: Portable Character Set	
152567		5	EMS - Error message when no Eagles are assigned to User	
158788		5	EAGLE EMS: GA enhancements for Link Utilization Interface feature	
158789		5	Eagle EMS R42.0 must support upgrade from Eagle EMS R40.0 thru R41.1	
158790		5	Eagle EMS R42.0 must support alarms from Eagle R42.0	
158791		5	Eagle EMS R42.0 must support Measurement data from Eagle R42.0	
158792		5	Eagle EMS R42.0 schema loader must support command set from Eagle R42.0	

Table RN-8.   EAGLE EMS 42.0 Resolved PRs for Build 42.0.0-140.19.0 (01/28/11) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
161432		5	Unable to modify 'NMS Label' if only the case (lower/upper) of an existing NMS Label is changed.	
162795		5	EMS – NMS label should start with an alphabetic character	
162979		5	Starting/Stopping NBI through probuilder	
163440	Y	5	Insecure Web Interface (PHP)	
163441		5	HTTP Server Security	
163475		5	Missing Solaris patches on NetBoss Core	
163520		5	Remove report templates from packages for MeasOAM, MeasPlat, and Inventory	
164152		5	EMS - Modify the Error message to include number of digits supported	
165484		5	Inventory behavior does not match marketed functionality	
165579		5	EMS - Enhance handling of LUI logs and slkdatafiles	
166435		5	Update LUI Crystal Reports calculation formulae	
167012		5	EMS - LUI must support new IPTPS command output	
169928		5	EMS: Include RTRV-RTE command in inventory	
192963		5	Support for upgrade of MeasOAM and MeasPlat modules to Release 42.0	

Table RN-9.   ELAP 9.0.1 Resolved PRs for Build 9.0.1-90.24.0 (08/05/11)

PR #	CSR?	Sev	Title	Customer Impact
194453	Y	3	Syscheck execution from the ELAP GUI reports errors in the class system check	Incorrect information is reported when syscheck is run from the ELAP GUI, while the command line execution of syscheck works properly.
203452		3	The alarm "Platform Health Check Failure" is reported by syscheck but is not shown on the ELAP 9.0 GUI	

Table RN-10. ELAP 9.0 Resolved PRs for Build 9.0.0-90.22.0 (11/05/10)

PR #	CSR?	Sev	Title	Customer Impact
106771		3	ELAP uiEdit causes different results when using uppercase or lowercase	
130827		3	Uploading data using batch mode gave server error	
130991		3	Missing error text when enter updates to the full table from LPU	
131589		3	Prevent multiple instances of snapmon	
131848		3	Obit - pvrdbmsg.c - resync timeout after init-card:data=persist	
132337		3	Status window for eagle cards did not pop up when minimized	
132343		3	SM4G cards do not error correctly when ULOG level rolls over on ELAP	
132570		3	In Prov: Senddbinfomsg failure ignored	
132572		3	TRPD errors	
132617		3	dbaudit give the wrong duplicate record reference count	
132732		3	ELAP software is not restarted after "Configure DSM Network"	
133240		3	Prov does not detect failure of networks correctly	
134756		3	The IPSEC racoon process on a post STANDBY ELAP)after failover) needs a signal 1 (HUP) for IPSEC IKE.	
161741	Y	3	Prov process crashes producing core(s)	Prov process will core. Process will restart by exinit, but syscheck will result in alarms. Service will get hampered until prov process is restarted.
105250		5	Passwords for Elap users are in DES not MD5	
122479		5	ELAP: Ability to Change system required user passwords	
123939		5	SECURITY: Filter Out ICMP Timestamp Requests / Outgoing Timestamp Replies	

Table RN-10. ELAP 9.0 Resolved PRs for Build 9.0.0-90.22.0 (11/05/10) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
130300		5	SECURITY: Disable TFTP Service for ELAP	
130302		5	SECURITY: Filter Incoming UDP Packets to SNMP Port	
132502	Y	5	RTDB 80% full alarm is not variable on the ELAP while it is on the Eagle.	
136621		5	ELAP Naming capability	
137607		5	Support >9 SM4G cards with LNP 384 million	
155708		5	Remove extraneous graphics from ELAP 8.0 Admin Manual	
161720		5	Java 1.6 Support Compatability with ELAP	
166907		5	ELAP9.0_SYSTEM_TEST: Error Numbers and Texts that don't exist in ELAP need to be removed from Admin Manual.	

Table RN-11. FTRA 4.3.0 Resolved PRs for Build 4.3.0-40.19.0 (11/05/10)

PR #	CSR?	Sev	Title	Customer Impact
162112		2	FTRA installation instructions not clear in 909-0643-001	Customer may have to call for help when installing FTRA.
163353		2	FTRA's SSH connection on Unix fails	With JRE versions 1.5 and 1.6, UNIX-based FTRA is not able to connect using SSH.
114149		5	FTRA support for GTT Actions	
160656		5	FTRA 4.3 Enhancements	
161720	Y	5	Java 1.6 Support Compatability with FTRA	

Known PRs

Table RN-12 on page RN-34 lists known PRs for EAGLE 5 42.0.

Table RN-13 on page RN-71 lists known PRs for EAGLE EMS 42.0.

Table RN-14 on page RN-77 lists known PRs for ELAP 9.0.

> **NOTE:**   **There are no known PRs for FTRA 4.3.**
> **NOTE:**   **Known PRs are sorted in ascending order by Severity (Sev), and then by PR number.**

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
127232		2	Resolved	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.
139147		2	Resolved	Defer	INM/SNM throttling (TVG rates)	This would take massive network issues to occur at customer site. DDB audit would alarm and catch this issue.
165922		2	Resolved	Defer	Eagle applications modifying TCAP data need to update SCCP CdPa/CgPa parameter pointers	If the CDPA, CGPA and TCAP are receive in different order than shown in the specification for UDT messages and If the TCAP is modified by and application on EAGLE the pointer for CDPA and CGPA will not b e modified. This will cause those messages to fail.
168734		2	Resolved	Defer	hw_imtpci_in Line 1554 Class 01bd Severity 1-- HC-MIM went isolated & couldn't recover	The particluar card would have to be reseated. To date have only seen one specific card.
205740		2	Resolved	Defer	Eagle is not modifying the length of CDPA for DUP/FWD msg when AMGTT is provisioned in the GTA entry with GTTACTION	The SCCP message (having CgPA PC present) processed AMGTT but not modified by GTT actions the CDPA length is not recalculated. This could cause decode errors in the next node that processes SCCP message. Workaround: Add CDGTMODID or CGGTMODID to the GTT Action configuration.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
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.
108297		3	Resolved	Defer	Telcordia - 34.0 audit - NCR: Missing TFR broadcast for FPC Member When Moving from Prohibited to Restricted Status	IMPACT: This will unnecessarily delay the restoration of traffic to the affected node, until the adjacent node sends a route-set-test (RST) message.
108550		3	Resolved	Defer	Telcordia - 34.0 audit -Unexpected TFAs sent to adjacent STP1 and STP2 when TFPs concerning	IMPACT: Since the TFP broadcast immediately followed the incorrect TFA messages, the impact is minimal and results in inefficient use of network resources.
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.
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.
109891		3	Resolved	No-Fix	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.
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.
109916		3	Resolved	Defer	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.
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.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
110004		3	Resolved	Defer	SEAS- Telcordia- Item 12 - P_SYSTOT – originated MSU count and octet counts should be the total from all links	SYS_TOT originated MSU count and octet counts should be the totaled from all links but instead reported ORIGMSUS and ORMSUOCT. This is limited to IPGW cards only.
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.
110352		3	Resolved	Defer	LNP measurements for SSP is not reported until the second hourly period after 15 minute measurments 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. |
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.
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 times (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.
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.
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	Update: This problem occured in the field when the upgrade terminated during the flash images were downloading on HCBlade cards. The upgrade attempt 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 was to complete the flashing of these cards.

This should not happen in the field, the E5 cards didn't load due because the cards did not have the correct flash gpls. If the cards are properly loaded with the latest flash gpls the problem did not occur. |

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
120269		3	Resolved	Defer	ARPV: trp_tbl.c severity on rebooting STC cards and DHCP time expiry	The impact is a severity 1 ATH on rebooting STC cards. There is no issue in adding or deleting routes via TRP/DHCP.
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.
120871	Y	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.
120934		3	Resolved	No-Fix	rept-imt-info:report=util provides incorrect / misleading data	Install HIPR2 cards in at least one shelf in the system.
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.
124950		3	Resolved	Defer	Module lb_mgr.c troubles seen duriing 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 respone TFR/TCR message for a destination that is restricted when the secondary routes being used have secondary point codes.
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.
125818		3	Resolved	Defer	scheduled OAM systot reports to the UI showing incorrect time	UI reports when extracted from Measurments Platform after 15-minute collection has been turn on then off again will show incorrect report time. FTP'd measurements reports are correct

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	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.
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 occured during init-sys which would have caused many cards to reset, the relative loss of data associated with this error in small.
126963		3	Resolved	No-Fix	SCCP messages are not handled correctly during link congestion	SCCP messages may continue to try to route even though the link is in congestion. This behaviour is transient however and fixing it involves a significant amount of effort with relatively little advantage and unpredictable impact.
127773		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS Register MSUDISC2 in P_COMP Reports Too Few Messages	Minimal system impact. Register count (MSUDISC2) was off by 2 during a 30-minute interval in which link congestion occurred.
127777		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - Register MSUDISC3 Present in P_MTCD	Extra register in SEAS MTCD-LINK reports.
128909		3	Resolved	Defer	AR_DEV_39.0: SID entries on the network cards are not updated on ent-sid completion without system initialization.	For newly defined true point codes the user needs to init-sys to get the cards updated.
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 contiue to load and the command output is received.
129958		3	Resolved	Defer	Copy De-Activate on SSEDCM 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.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
130052		3	Resolved	No-Fix	ATINPQ: MSU matches ATINP srvsel, but fails for an unexpected reason	Need better UIM since the failure is due to provisioning done by Customer within the EAGLE. Without this the customer may not realize they have a provisioning error.
130052		3	Resolved	No-Fix	ATINPQ: MSU matches ATINP srvsel, but fails for an unexpected reason	Need better UIM since the failure is due to provisioning done by Customer within the EAGLE. Without this the customer may not realize they have a provisioning error.
130175		3	Resolved	Defer	Remove alarm inhibit support for TPS device	The customer has the ability to inhibit an alarm that will never occur. No operational impact.
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 theupgrade 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 nothing there were other cards of this type in the system that did not exhibit the same behavior as this card.
130466		3	Resolved	Defer	IPSG: "E4255 - Total system TPS limit exceeded" not produced when 500,000 limit exceeded.	Customer can provision more than allowed capacity. This could possibly have negative affect of overlaoding the IMT if all capacitiy is really used
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.
130656		3	Resolved	Defer	IPSG: During M2PA CB testing - NtMgmt UIM's displayed as coming from HIPR's	The UIM's card location will be incorrect (appear to originate from a MUX card). This is the mux on the shelf the traffic is coming from.
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.
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.
131607		3	Resolved	Defer	Incorrect LNP TFP description in Feature Guide	Customer may think the EAGLE does not follow protocl for TFPs.
132406		3	Resolved	Defer	INH/INIT commands reset the card but the network cards dont update there card lists	Very small chance of loosing update due to init or inh of card.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
132657		3	Resolved	Defer	IPSG-M2PA links do not align within MTP Restart window (after init-sys)	The IPSG will not participate in MTP restart after power restart of the system.
132659		3	Resolved	No-Fix	Module tprc_adj.c Line 4576 Class 01c3 Severity 1 occurs during ITU MTP Restart on IPSG	For IPSG, Sev 1 ATH is generated, instead of silently ignore ITU timer expiry.
132855		3	Resolved	Defer	Change error code for MTT 4067 to list rcontext	The customer might get confused as to why their default application routekey command is being rejected.
133171		3	Resolved	Defer	MOBR: Need to investigate removal of Cluster Route Support	If there are provisioned RTX cluster routes before the upgrade. They will become partly dormant for routing & could actually affect routing decisions. Work around - limitation-> check if there are any rtx provisioned for cluster before upgrade. If so, remove them before starting with upgrade.
133177		3	Resolved	Defer	FTP error 55 (no buffer space available) when attempting a remote restore from FTP server	Error number 55 is seldom observed when FTP is done using E5 IPSM card. It has been observed that FTP is successfully after one or two iteration.
133353		3	Resolved	Defer	TIF: No Measurement reports for TIF SNS or TIF FWDSCS	Customer will not see any measurement pegs when only using TIFSNS and/or TIFFWDSCS service actions. This will not be a common case. Most customers will also be using TIFNP, which allows the generation and reporting of pegs.
133406		3	Resolved	Defer	120M_EPAP:Severity 1 "Module gtt_oai.c" is displayed at vsccp cards when we give command dlt-sccp-serv:serv=gflex:pci1=1-7-2.	Will see ath when there is no issue.
133450		3	Resolved	Defer	The parameter "RI" is ent-gsmmap-scrn is not present in the documentation	None the ri can not be used.
133798		3	Resolved	Defer	Filename displayed incorrectly in meas error output	If there is a failure the File name will have extra charaters an the end of the name.
134167		3	Resolved	Defer	RTRV-DATA-RTDB not denied when no ELAP or EPAP dependent feature is enabled or turned on	The customer will see a sev 2 ATH.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
134265		3	Resolved	Defer	IPSM card Severity 1 troubles and COPY-TBL command abort failure	FTP transfer may get aborted in between in rare cases. User will not be able to run act-ftp-trns or other commands for some time. This can be rectified by restarting the IPS card.
134880		3	Resolved	Defer	EAGLE 40.0_E5TSM:"INIT-CARD" command is getting accepted by both appl and location.	This has no Customer impact as the same has been defered to subsequent release.
134933		3	Resolved	Defer	dms_utl.c Severity 1 error during upgrade to R40.0.0-61.38.1	As long as the upgrade is followed as directed there is no impact on the system.
135736		3	Resolved	Defer	rept-stat-gpl:gpl=eoam does not show "approved' build version status during remote upgrade	The rtrv-gpl command will provide the desired information.
136099		3	Resolved	Defer	Measurements timeout issue during upgrade	Measurements may not complete during an upgrade.
136107		3	Resolved	Defer	uias_msg.c severity 1 ATH received during incremental upgrade to 61.47.0 build	Trouble is put out with no known system impact.
136449		3	Resolved	Defer	No way to stop monitoring an association definitively (FC heart beat always sent)	Customer will end up with an false alarm for a link they they stopped monitoring.
137649		3	Resolved	Defer	Card 1113 Module uplo_mgr.c Line 1124 Class 01b6 Severity 1	The system attempts to generate SEAS output on startup of the standby even though SEAS is not configured on the system. It puts out a trouble and does not persist beyond initial startup of the standby.
138339		3	Resolved	Defer	pollmv.c severity 1 seen during overnight load/stress/volume test on eagle 1190601	User could lose measurement data for the incomplete interval after card boot.
138348		3	Resolved	Defer	SCCP CNV: Sev 1 sih_utl.c is observed on EOAM for MTP routed message with CGPA GTI as 1 from ANSI to ITUI network	UIM propagation into SEAS may have incorrect cdpa digits. Unexpected ATH to user.
138607		3	Resolved	Defer	Module uplu_aft.c is observed in Upg Phase 2 when FLASH Memory is Activate on Standby GPSM-II.	An erroneous SEV 1 trouble will be generated during upgrade, which has no impact on the upgrade procedure itself.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139382		3	Resolved	Defer	Resource contention issue on E5IPSM card during remote backup	There is minimal system impact. The second command did not actually run (as indicated by the failure). This command actually should have been rejected as not runnable due to the first command in progress. The command can be run once the first command completes.
139459		3	Resolved	No-Fix	output for IPSG 'card' not aligned in rept-stat-sys	This PR was corrected when PR 135771 under BCR 30393 was corrected.
139541		3	Resolved	Defer	Telcordia-FT - Incorrect Text in MTT When Attempting to Provision ATM Links in ITU-N24 Network	misleading MTT error if customer tries to provision a ATM link into a linkset with an 24-bit apc/sapc.
139723		3	Resolved	Defer	Both MCP cards status becomes Primary.	When both MCP cards are primary, measurements are collected by both MCPs. Issues arise when each MCP attempts to transfer the collected peg counts to the other MCP. This operation will fail numerous Sev 1s. Other than the mass of output, the collection works and each MCP has updated values. Boot one or both MCP to recover
140120		3	Resolved	Defer	FC App de-activated on IPSG with 272 B MSUs at 5000 TUC	Fast copy monitoring is lost when traffic nears 100% of rated IPSG card capacity when in extreme configuration.
140222		3	Resolved	Defer	R41_TOBR:Incorrect error code if only OBSR is ON and cdgtasn is specified with eaglegen in ent-gttsel command.	Customer will have to use manual to understand incorrect paramater combination.
140374		3	Resolved	Defer	R41_TOBR:Incorrect error text is displayed when invalid value is specified in TCAPACN parameter in CHG-SCCP-MSG command.	Customer will need to chaeck commands in commands manual to undestand valid values for the TCAPACN parameter.
140667		3	Resolved	Defer	Card 1217 Module mc_mgr.c Line 1610 Class 01d0 Severity 1	The secondary MCP card received a message that was out of phase with the card state. The anomaly was recorded via ATH and no other action was taken. The primary and secondary MCPs resume normal operations.
140795		3	Resolved	Defer	E5MASP :SEV-1 "dbcd_dcm.c" is getting observed on E5MASP cards.	Tekelec has only observed this internally on one occasion. Deleting and re-entering association cleared the problem.
141039		3	Resolved	Defer	links status is shown as OOS-MT by rept-stat-card command even when links are up on card	The problem was seen after continuous bouncing of large nunber of links for few hours. Initializing the affected card will correct the "IS-NR" link status that is shown.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
141233		3	Resolved	Defer	IDPR: CalledPartyBCDNumber Digit Conversion	The conversion that is currently applied digits of the CalledPartyBCDNumber parameter by IDPR is currently limited to the RN and SP. This was the original feature intent. Now additiaonl source for digits are possible so they may not convert properly.
152325		3	Resolved	Defer	E5OAM cards fail to boot from inactive partition.	If the customer issues the alw-card:loc=<stdby>:code=inactiveprtn before the card has come back up, then the card will not get the notification that it is to boot from the inactive partition and will revert to the active partition. The procedure steps involved with the use of this command should include a verification that the card is up and ready to receive the notification.
152540		3	Resolved	Defer	Large Eagle with 2800 links takes more than 5 minutes to bring all links in service.	2800 link systems take longer than the expected 5 mins to come up after system initialization. Testing showed this could be as long as 17 minutes.
152541		3	Resolved	Defer	First link reload time is more than 1 minute on a low speed link LIM cards	First link reload time is more than 1 minute on a low speed link LIM cards after card boots. It was found that 1st link on E5E1 card took 117 seconds and on HC-MIM card took 81 seconds.
152542		3	Resolved	Defer	First association reload time is more than 4 minutes on IPGW cards.	First association reload time is more than 4 minutes on IPGW cards. It was found that 1st association on E5ENET card running IPGHC gpl took 6 mins 10 seconds to reload.
152577		3	Resolved	Defer	INPQ/AINPQ:CC digits used in RTDB lookup not being used in outgoing DRA	In INPQ and AINPQ features, currently DEFCC is always used as CC in outgoing DRA drigits, if outgoing DT format specifies CC. This could be wrong if the CC in conditioned CdPN doesn't match DEFCC.
152625		3	Resolved	Defer	MCP Card Outputs Trouble	The problem causes the 200,000th LRN DTH entry (the last possible entry) not to be processed. This means that the last LRN in the daily LRN report will not be accurate. Since the daily report is an aggregation of the hourly reports, the missing peg counts can be retrieved from the hourly reports and added to the daily totals. The hours in question would be the hour prior to the occurrence of the mdth ATH.
152631		3	Resolved	Defer	RTDB Database Alarms Are Not Generated For SCCP CardsThat Are Booted	The EAGLE will not be notified that a booted service module card has reloaded its RTDB and is now processing RTDB-based traffic. There is no impacts on traffic processing. These alarms are informational only and do not indicate that action is required on the part of the customer.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
152649		3	Resolved	Defer	rept-stat-mon does not show Cards denied eroute service	Rept-stat-mon is slow to display eroute cards denied service when the system goes into overload. The report does correctly display the data 10 mins later.
152947		3	Resolved	Defer	Remove Special Characters from output of commands	None. The use of tab characters in output does not guarantee proper alignment between rows of a report and may introduce anomalies with automated testing.
153340		3	Resolved	Defer	IDPR: Mutually Exclusive ANSIGFLEX Yes	A customer could turn on ansigflex with IDPR on. These features are supposed to be exclusive of each other so the cusotmer should not get the FAKs to do this.
155053		3	Resolved	Defer	Rel41.1_IGM:-"chg-sccp-serv" command is supporting "SERV=GPORT" when only IGM feature is enabled and turned ON.	Although the GPORT service state can be changed to online the this does not affect service since you cannot assign PCs/RCs, etc.
155393		3	Resolved	Defer	Module ftpt_mgr.c Line 2050 was seen while performing a remote restore	If the OAM times out, due to the FTP transfer taking too long due to switches not being set to full-duplex the IPS card will need to be booted before another FTP transfer can be completed.
155461		3	Resolved	Defer	Telcordia - 40.1 Audit - SCONs Sent in Response to DAUDs May Not Contain Updated Congestion Levels	The endpoint would get an incorrect congestion response, then continue to poll (issue a DAUD) until the congestion status was updated.
156077		3	Resolved	Defer	mtos_msb.c Line 417 trouble during upgrade from 62.38.0 to 62.41.0	This does not always happen. When is does it has no affect on the system. The messages being posted to the active MASP is informational only.
156269		3	Resolved	Defer	Telcordia - 40.1 Audit - SACK Chunk Sent Before DATA Chunk Was Received	None as the SACK will be discarded. No traffic has been exchanged yet, so traffic will not be affected.
156595		3	Resolved	Defer	Telcordia - 40.1 Audit - Incorrect Response to ABORT and SHUTDOWN COMPLETE with Incorrect T Bit Value	An association could abnormally terminated due to the T bit setting, but in normal operation this would not be seen, and thus no impact.
156596		3	Resolved	Defer	Telcordia - 40.1 Audit - Incorrect Response to SHUTDOWN with Unacknowledged DATA	If, when the far end issues a shutdown to terminate the association, data is unacknowledged at the Eagle, the far end may receive duplicate packets during the association shutdown process. This is a minor non-compliance for the Eagle.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
156597		3	Resolved	Defer	Telcordia - 40.1 Audit - Incorrect Response to SACK Indicating Packet Loss	The Eagle will transmit up to cwd new data in slow start mode even though a SACK has not been received for the retransmitted data, thus putting more data in flight than permitted (1 packet) by the RFC.
156655		3	Resolved	Defer	SCRC proc time and msgs_num functionality is not consistent	The proc time reporting is not consistent. Different features are interpretting it is different ways. This has no other affect on the system.
156768		3	Resolved	Defer	SP_INP_AINP: Incomplete error code displayed when RNAIV and DRANAIV are specified out of range.	The reject message gets truncated. The reject reason is output.
156819		3	Resolved	Defer	R_41.1: Incorrect Display in RTRV-DATA-RTDB command for Digit actions DELCC and DELCCPrefix.	RTRV-DATA-RTDB displays slightly misleading data. The correct data can be gotten by retrieving the DN fromt he EPAP GUI.
156930		3	Resolved	Defer	SP_IDPR: REP-STAT-SCCP command shows TTR counter SUCC peg for UIM- 1426 (GRN Miissing) when SPORT ON	If IDPR Service portability (S-Port) is to be applied on an IDP message for an own-network subscriber AND GRN is not provisioned in EPAP DB for the DN, Eagle will count this message as Success against TTR service for rept-stat-sccp statistics. Expectation is to report this as Warning. Also, IDPRMSSUCC measurement register is incremented for such scenarios.
157119	Y	3	Pending_Review	Monitor	rept-stat-iptps reporting value 0 for an IPSG link processing traffic	Customer unable to get IP TPS for some links processing traffic. Loss of traffic could occur if the link is deactivated/re-activated. The workaroud consists of rebooting the card.
157155		3	Resolved	Defer	SP_IDPR: Measurement Counter IDPRMSUCC is getting pegged for RTDB lookup fail scenario(No Match CdPN for CDPNNP SA)	In the no-match-with-rtdb-entry-present case, the IDPRMSSUCC measurement will be pegged, instead of the IDPRMSFAIL measurement. This is inconsistent with the customer doc and FD. The customer will see fewer IDPRMSFAIL counts than indicated in the customer doc. The content of outgoing MSUs is not impacted.
157463		3	Resolved	Defer	2800_Links:mprm_sl.cpp Line 3636 Class 01c1 Severity 1	This is very unlikely to happen at a customer site. If it does there would still have to be a switch of MCP activityto lose measurements data stored on the EAGLE.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
157714		3	Resolved	Defer	Stuck Alarm: 0013 Card is isolated from the system	An alarm that should have been cleared is maintained on the MCP card even though it the card is in service. This is a left over alarm from the faulty MCP card that was previously in that slot. An activity switch will clear the alarm.
158049		3	Resolved	Defer	rept-stat-mps doesn't allow OOS-MT Isolated ELAPs to go Standby/Active if alarms are present	No system impact. Works as designed. If an alarm is present on the MPS, then the PST/SST will show the proper state. An enhancement would allow the AST to show the Active/Standby status of the MPS.
158137		3	Resolved	Defer	Cannot provision MGTT data in GTA entry for SCCP Conversion - it demands AMGTT!	Customer can not change the GTI unless AMGTT is on.
158246		3	Resolved	Defer	Telcordia - 40.1 Audit - Verify-PE only shows single port for LIMATM card.	SEAS cannot query the status of port B on link cards.
158250		3	Resolved	Defer	Telcordia - 40.1 Audit - REPT-SCRREJ contains erroneous data for link-set name parameter.	REPT-SCRREJ output contains bogus link set id in SEAS.
158328		3	Resolved	Defer	Rel-41.1: "rept-stat-mps" command shows GSM state as Active when G-port feature is enabled and OFF.	The rept-stat-mps:GSM status is slightly misleading when an MPS dependent feature is enabled but not turned on. Use rtrv-sccp-serv to discern the true GPORT status.
158419		3	Resolved	Defer	Eagle R41.1: unavailable IP connections on SCCPHC card after set-time command	When using set-time IP connections w/EPAP may be lost for 10 seconds.
158675		3	Resolved	Defer	nppe_apply_l Severity 1 when Conditioned Number is an Empty Digit String	A Sev 1 is shown but there is no affect on the processing of the message.
158784		3	Resolved	Defer	A GTTSET can be deleted even if it is referred in gtt selector table	Customer has to verify that GTTSET they are deleting is not refernced buy a GTT selector
158818		3	Resolved	Defer	M2PA link goes OOS during ARHost failover test	Customer should use RTIMES values greateer than 3 to avoid message loss in failover situation.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
158995		3	Resolved	Defer	Eagle R41.1:	When this problem occurs, one or more entities will report "Could not read measurements" instead of reporting the data for scheduled measurements. However, this problem is unlikely to be seen in the field due to the larger system size which alters the timing of the request. The customer can still get the data by manually pulling the data.
159003		3	Resolved	Defer	tvg_mgr.c (NO.TVG.RSP.FROM.HW) Sev 1 found during overnight run	No service impact seen as the system self recovers.
159004		3	Resolved	No-Fix	GWS command rtrv-scrset inconsistency	None
159079		3	Resolved	Defer	IAR: TST-MSG returns unexpected info when TTR CgPN fails and TTR CdPN is UNMODIFIED (ie neither are Encoded)	The MSU / TST-MSG is processed as it should be. But if there is a CgPN NPP failure (i.e. no CgPN rule was found), the cause of the failure in TST-MSG and ent-trace is shown incorrectly.
159118		3	Resolved	Defer	IMT VC alignment "HOLE"	The IMT Virtual Circuit (card to card) alignment procedure has a defect that may cause un-necessary retransmissions when Virtual Circuits align. This problem may manifest itself as retransmissions on the IMT bus during an IMT bus ALW command.
159250		3	Resolved	Defer	STC card inhibited without requiring "FORCE=YES"	No functional impact. The customer can disable monitoring without specifying force=yes.
159292		3	Resolved	Defer	Telcordia - 41.1 SEAS System Test - SCHED=D_MTCS contains incorrect syntax for register value	Eagle SEAS MTCS has a syntax error per GR-310. The first register value is followed by a colon instead of a comma.
159298		3	Resolved	Defer	Telcordia - 41.1 SEAS System Test - SCHED=D_MTCS reports incorrect maintenance state for ENTTYPE=LNKSET	SEAS MTCS report will report linksets as 'UAV' if all links are OOS, and will report linksets as 'OOS' if all links are unavailable.
159351		3	Resolved	Defer	After STC overload/outage test, IP cards did not correctly re-start copy functionality	The customer impact is the alarm status of the monitoring link alarms may not be reported by the UAMs.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
159353	Y	3	Resolved	Defer	DBG-DDB command report checksum mismatch while no DDB inconsistencies are reported by the system	The difference between what the OAM is reporting and result from dbg-ddb command could lead the customer to be confused.
159375		3	Resolved	Defer	IPSG card booted after INIT-SYS with radb_mgr.c module (No DB changes were being made)	The IPSG card that shows the obit will reboot twice instead of once during the init-sys.
159403		3	Resolved	Defer	IPGW Excess Re-transmit alarms during network impairment testing -- no traffic loss	This alarm is occuring a little earlier than design intent. This means the customer may get an alarm when the network is impaired but still within acceptable operating conditions.
159451		3	Resolved	Defer	Cannot delete ANSI SID	Customer will not be able to deprovision their ansi sid
159455		3	Resolved	Defer	scm_oamhc.c Line 627 from warm restart	The standby OAM may not get updates of persistent device states on large system and dual boot of OAM.
159466		3	Resolved	Defer	Filename for "release" parameter in act-upgrade:action=getrel command should be maximum of 39 characters instead of 30	No impact. User will have to use a filename with 30 chars or less
159499		3	Resolved	Defer	E5-ENET card generating Module hw_imtpci_in Line 1424 Class 01bd Severity 1	The system impact is minimal since the problem only showed up when one of the HIPR2 had capacitor knocked off that a lot of bad packets were generated. Once a while, one of those back packets are passed on to the processor by the FPGA. Even in that case, SW discards it and doesn't pass it up the stack.
159643		3	Resolved	Defer	After link flucuation M3UA association may require 2 intis to recover.	In some case after failure association may take slight longer to align. This will occur automatically and in most cases will not be noticable.
159644		3	Resolved	Defer	BICC MTP conversion from ITUI to ITUN24 generates Error codes:Invalid Stream Identifer & Invalid Param Value	The conversion is failing as expected, but the wrong error message is sent when the number of bytes in the ITUI message is over 4075. This only affect cusotmers using ITUN24
159681		3	Resolved	Defer	TRBL Queue is full:elements overwritten Module crc_utl.c Line 523 Class 01b1 Severity 1	At this point it is believed the card would have to be replaced as only occurrence seems to have been caused by defective HW.
159743		3	Resolved	Defer	E5-class card obit with hw_ixp1200_c Line 1711 Class 01ce	An E5-class card may boot when a bus is inhibited/allowed. In those cases the system recovers normally.

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
159848		3	Resolved	Defer	Certain encoded characters causes serial terminal to lock-up	Certain encoded characters will cause serial terminal to lock-up. This does not affect any of the other serial terminal interfaces, only the one in which the invalid character was entered. For KSR terminals, disconnect the terminal session and re-connect the terminal session. For VT320 terminals, pressing 'F11' re-establishes the terminal.
160001		3	Resolved	Defer	Upgrade from 62.57.0 to 62.60.1 stops on unprovisioned card that is present	The upgrade command terminates. Upgrade can not be completed until the failing card is manually flash (using the multiple command method) or the THRES= (threshold) parmeter is NOT specified.
160049		3	Resolved	Defer	Disconnect on password prompt makes terminal unusable	Terminal could become unusable if entering this specific chg-ftp-serv command and then not entering a password and disconnecting. A manual Reset of the terminal(inh/alw) or OAM reset will unblock the terminal.
160204		3	Resolved	Defer	Telcordia - 40.1 Audit - Incorrect P_MTCD/D_MTCDTH LNKAVAIL and DRDCLFLR Register Values	Due to rounding errors link availablilty timers could be off a few seconds per day.
160480		3	Resolved	No-Fix	disc-imt:bus=b:loc=<Active oam> followed by init-mux:bus=a on rapid succession causes Active OAM to boot	The IMT Bus status takes a maximum of 3 seconds to get updated after the disc-imt command. It has been decided to update this behavior in documentation. If the init-mux command is fired after 3 seconds of executing disc-imt command, OAM boot isn't observed.
161029		3	Resolved	No-Fix	R42_GTT_ACT: Forward and Duplicate Action functionality is not working if a GTT action is changed from Discard to Fwd or Dup.	None
161064		3	Resolved	Defer	When AMGTT/AMGTT CgPA Upgrade feature is OFF, then command 'rtrv-gtt:type=6:cggtmod=yes' should be rejected with MTT E4789	Customer will get output showing empty tables instead of rejecting the command.
161128		3	Resolved	Defer	Measurements transfer failure UAM with invalid (no) information	An Extraneous UIM with limited debug data displayed after an FTP failure UIM is displayed. There is no impact to the system.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
161155		3	Resolved	No-Fix	R42_MTPRGTT:With SCCP Conv OFF,when MTP routed message crossing from ITUI->ITUN, NTT is getting updated if MTPRGTT=USEMTPPC.	System impact is none. Marking this PR as no-fix since now NTT parameter is moved to GTMOD table.
161160		3	Resolved	Defer	Module hpru_mgr.c Line 1532 Class 0075	The obit extends the time the IMT bus is down.
161526		3	Resolved	Defer	hundreds of Module dbcdegtt.c Line 25138 Class 01c3 Severity 1 following format-disk on TDM	Streaming ATHs. Unusable standby TDM due to formated fixed disk.

To prevent, use the COPY-DISK command in lieu of the FORMAT-DISK command should be used.

Highly unlikely that customer will encounter this issue in the field in normal operation. Most documentation issues a COPY-DISK. |
161770		3	Resolved	Defer	Invalid data cause inconsistent command output for RTRV-GSMOPTS	No operational impact. The user will get inconsistent format of output.
161779		3	Resolved	Defer	IPSG_PPI:2 severities "ecam_utl.c " and "gpluoam2.c" are observed during upgrade from Rel 41.0.1 to 41.1.1.	Troubles generated during the format-disk portion of the Upgrade when the active MASP was attempting to read the System Release table on the standby. The format and upgrade completed successfully.
161902		3	ReadyToTest	Active	HIPR2: Contents of EXTSTATS table not initialized properly following upgrade. (Telcordia-FT)	
162021		3	Resolved	Defer	IMTPCI: Move fucntionality of C function itx_place_msg_on_rtb to microcode	Implementing this PR would enhance the performance in the COM side (IMTPCI GPL) of the E5 class cards, e.g.: HCMIM, SM4G and EPM in a measurable though not dramatic manner. There is otherwise no impact on the operational software.
162378		3	Resolved	Defer	E5-OAM Module ath_vxw.c Line 3051 during init-card script (warm boot)	The card may double boot because of this issue.
162500		3	Resolved	Defer	Provisioning OPC/CgPC of different network domain is allowed in OPC/CgPC GTT sets	The customer is not protected from misporvisioning the GTT tables. However there is no affect as the entry just would not be used.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
162571		3	Resolved	No-Fix	42.0 Upgrade error "System Release ID table read on 1117 removable failed"	None
162658		3	Resolved	Defer	CHG-SCR-SIO command takes around 7 mins to complete	Large number of changes to GWS could take extended amount of time.
162819		3	Resolved	No-Fix	Module sum_mgr_imtp Line 662 Class 0074 Severity 1	There are no other adverse effects from the trouble, and the problem heals itself automatically. These troubles should not again be observed once all cards are running R42.0 or later GPLs.
162827		3	Resolved	Defer	uias_oamhc.c Line 685 Obit after format to the inactive partition	Communication between the MCAP and TDM was interrupted for a sufficiently long time to cause a timeout which resulted in the obit. The system recovered.
162830		3	Resolved	Defer	CGPA/CgPC is not converted when relayed messages crosses the domain.	Currently CgpPC conversion is not perform when a non-GTT Service Relayed MSU does ITUN <-> ITUI or ITU14 <-> ITU214 network domain crossing.
163035		3	Resolved	Defer	SLAN on E5 based cards	RTx appear and impact troubleshooting but no other confirmed impacts
163079		3	Resolved	No-Fix	Severity 1 module observed for very large (1 MB) SOIP verification request. (Telcordia)	The SEAS output queue is not sorted and under extreme SEAS congestion scenarios there is a potential to lose higher priority messages from the queue in favor of lower priority messages when discarding.
163141		3	Resolved	Defer	DAVA not generated correctly by IPGW	If another Application Server (or Servers) is/are connected to the same card when the last ASP in an AS fails, and the only ASP active to the other Application Server is hosted by the same card, the other Application Server will have to begin to audit to find when the failed AS becomes available again (which is generally normal practice anyway).
163200		3	Resolved	Defer	KSR terminal shows an extra line on the screen when you up arrow sometimes	If the problem occurs, the customer is still able to execute commands.
163395	Y	3	Resolved	Defer	Secondary path of a multihomed association may become restricted	Associations are in restricted status and then traffic failover would not be successful in case of failure on the primary path.
163480		3	Resolved	Defer	DRMS TBL ID = 8 Checksum mismatch while in mix mode during EOAM transition to E5-OAM	No system impacts were oberverd after the operation. The database was consistent after the transition procedure.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
163554		3	Resolved	Defer	Two MCP cards become Primary during oam to mcp transition	When both MCP cards become primary, both cards assume collection and reporting roles. This results in a number of Sev 1 ATHs as the two cards attempt to interact. This is fixed by boot either MCP card. When it comes back up, it will assume the secondary role.
163892		3	Resolved	Defer	Copy-disk failure: Error accessing Active Partition table 364 on active TDM (A) (Telcordia-FT)	This is a low probability scenario. If hit, a work-around can be provided by Tekelec.
163898		3	Resolved	Defer	CHG-LNPOPTS: NAIV Parameter Entered into CDT as Digit String-should be a number range	This is a format issue. No impact to the customer.
163943		3	Resolved	Defer	rtrv-srvsel is displaying all the entries without the force and num parameters.	Customer will always get all the entries for srvsel regardless of number requested.
163991		3	Resolved	Defer	dmshc_lock.c Line 0455 ATH during OAMHC-to-MCP transition	Potential loss of measurements data if a collision occurs between measurements and table copy.
164050		3	Resolved	Defer	ATM links take greater than 16 min to reactivate	ATM links may take significantly longer to align than they should.
164092		3	Resolved	Defer	Diplicate Point codes displayed in NPSSP measurement report	The measurements subsystem is not equipped to handle identical point codes that are provisioned as different types (i.e. dpca vs dpcn24). This results in inaccurate reporting of NP and LNP SSP entities.
164119		3	Resolved	Defer	E5meas_Rel 42.0 :Severity 1 mcc_queue.c observed after giving the "init-card" to E5-OAM.	Occasional ATH when one of the E5OAMs is reloading.
164124		3	Resolved	Defer	E5meas_Rel 42.0:"chg-ip-card:loc=XXXX:rstdomain=no" resets the domain name to NULL value	Card's domain name gets set to NULL during a chg-ip-card. Execute a second chg-ip-card:domain=xxxx to restore domain name. Note that card has to be rebooted anyway for the ipcard data to take affect.
164136		3	Resolved	Defer	Incorrect display of number of rules for a screen	Customer can provision more screening rules than will download to cards.
164245		3	Resolved	No-Fix	meas_dth ATH occured during E5-MASP synching and after oam to mcp transition	None. Since the Meas Subsystem was in transition from OAM to MCP, the ATH is indicative of an anomaly, but not a problem.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
164303		3	Resolved	Defer	R42: AMGTT data should not be applied if PC domain found in CGGTA translation does not matches with PC domain in main GTT.	During CgPA conversion, if PC domain of outgoing message doesn't match that of configured GTT Translation for CgPA GTA then the GTT Tanslation data should be ignored (as per FD). But currently, this functionality is not correctly implemented.
164342		3	Resolved	Defer	act-upgrade:action=convertstp command executes 2 hours after command has been entered.	If the upgrade procedure is followed this scenario should not occur.
164353		3	Resolved	Defer	TERMINAL 1 Terminal failed	This only affects E5-OAM. This is seen in an office where serial terminals are connected with RTS is tied to DCD. This is incorrect wiring. To make the terminals work wire the terminals as required by Tekelec in customer documentation.
164425		3	Resolved	Defer	R42.0:Checksum Mismatch observed on 63.20.0.	No system impacts were observed and the database restore command was successful.
164440		3	Resolved	Defer	lb_mgr.c Line 3329 Class 01d8 Severity 1 from SSEDCM cards	this trouble does not impact the system.
164488		3	Resolved	Defer	Card 1113 Module ilm_mgr.c Line 592 Class 0001 Severity 1 on 41.1.3-62.71.1	Self-healing issue that does not have any adverse effect on normal operations.
164500		3	Resolved	Defer	crc_utl.c Line 520 Class 01b1 Severity 1 -- init-card:appl=oam	This issue may delay standby MASP to return to normal operation due to manual intervention requirement consisting of rebooting the standby MASP to recover this device.
164516		3	Resolved	No-Fix	R42: Output of "ent-trace" command is displaying incorrect ANSI DPC.	Since ent-trace command is used for debugging purpose, there is no system impact.
164547		3	Resolved	Defer	HIPR1 activity monitor for the receive side is not working correctly	Should a condition occur that stalls the Rx hardware, the software would not be able to detect the condition and would not boot the card to recover. This defect was discovered during a code inspection and it is not known that any situations that could trigger this problem actually occur.
164685		3	Resolved	Defer	Threshold value reported in unsolicited SEAS link congestion output is incorrect	The SEAS interface provides buffer usage. The congestion level is correct. However on some link types the buffer usage indicated may be incorrectly reflected. However the user can not look at or change the buffers so there is no impact on operation.
164709		3	Resolved	Defer	Reference count of Mapset is not getting updated when given with xlat=dpc in GTA commands	Only affect xlat =dpc which means if using SSN from incoming MSU the MAP referenced Set could be deleted. A UIM would print out if MSUs needing this MAP Set were processed.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
164713		3	Resolved	Defer	R42: Severity 1 observed on E5OAM card when restore DB action is performed from Fixed Disk.	There is no impact on the restore operation. The trouble is just ouput when it should not be.
164803		3	Resolved	No-Fix	R42:Sev 1 gtt_sel.c observed at E5SM4G card, when sending msg with CGPA GTI as 1,hierarchy FCG.	No system impact. Workaround: Change CGPA GTI in MSU to 0/2/4
165005		3	Resolved	Defer	SEND-MSG used in checking Health of the system does not find multiple issues.	If there issues to correct it requires repeated issuing of the SEND-MSG or the ACT-UPGRADE. The system will need to be booted out of upgrade mode in order to make provisioning changes if requried
165019		3	Resolved	Defer	KSR Terminals lockup and show commands from previously run scripts when ^A	This sometimes happens when a script is run on a terminal. If this issue happens then the terminal should be inhibited and allowed to clear this issue out.
165089		3	Resolved	No-Fix	cmt_rx.ASM Line 825 Class 0001 Severity 1	no impact impact on the system
165108		3	Resolved	Defer	On a serial terminal, when entering commands, sometimes, characters go missing	The problem only occurs when executing an obscure combination of left arrow, right arrow and insert key presses when entering a command. the user will just have to reenter the commmand if they manage to casue this issue.
165129		3	Resolved	Defer	FLBR ENHANCEMENTS: FALLBACK fails when GTT Table referenced is EMPTY	According to FLOBR whenever no B-tree is found in CdPA GTT set then search function returns database failure. The FALLBACK option is not used in case of the database failure. This is contray to the basic descritpion of fallback and could cause some confusion.
165181		3	Resolved	Defer	standby OAM card inhibited flag not reset when active OAM boots	Rept-stat-card will show an inhibited standby E5-OAM as active, after multiple role changes. The card remains inhibited as expected.
165218		3	Resolved	Defer	10 minute delay for output of RTRV-ASSOC:ANAME	The command can take up to 10 minutes to finish displaying output.
165263		3	Resolved	Defer	R42:Help command of chg-sccp-msg displays incorrect supported vaules for TCAPACN.	Customer will need to read customer documenation to get the correct list of accepted values.
165271		3	Resolved	Defer	Rtrv-gtt/gta commands displayed inconsistent ouput values for some of the parameters	No customer impact as the case differences does not make the output unreadable.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
165293		3	Resolved	Defer	IMT MSU retransmission (OAM causing MSU flood)	There is not real system impact to the customer other than the rept-imt-lvl1 command displaying the retransmission counts for each card. SInce the messages are retransmitted, they arrive successfully on the OAM card and are processed appropiately.
165295		3	Resolved	Defer	IMT MSU retransmission (BICC causing MSU flood)	Little real system impact other than clouding IMT debugging
165296		3	Resolved	Defer	IMT MSU retransmission (Meas. Platform causing MSU flood)	Potential excessive IMT traffic
165298		3	Resolved	Defer	IMT MSU retransmission (STC cards causing MSU flood)	Only impact is to troushooting on IMT.
165327		3	Resolved	Defer	during start of upgrade standby OAM generated aud_mgr.c severity 1	The upgrade process is not affected.
165428		3	Resolved	Defer	f_idpr encoding test fails in certains cases where the TCAP CgPN field decreases in size	This only occurs in the unusual case where the SCCP parameter order is Data-CdPA-CgPA and the TCAP CgPN is reduced in size during IDPR processing. This issue was found during unit testing for PR165012. To date, no customers have been impacted by this issue. Therefore, the priority is low and the fix can be deferred until a subsequent release.
165550		3	Resolved	No-Fix	OAMHCMEAS: CPU degradation of the Active E5-OAM during collection	The system is working as required and CPU utilization is not a functional issue.
165564		3	Resolved	Defer	backspace on terminal in KSR mode intermittently blanks the line	The problem is intermittent. If a user encounters the problem, pressing enter followed by 'up-arrow, will allow the user to correct the situation.
165566		3	Resolved	Defer	tks_msg.c stack trace data is inadequate	This does not affect operation of the system. The additional data would be used by internal Tekelec resources for determining why the trouble occurred.
165621		3	Resolved	Defer	act-upgrade:src=server doesn't work with windows ftp server	Customer will not be able to do remote upgrade if the release is retrieved using wftpd server on windows. ftp will work on Solaris/Linux based machines and GuildFTPd on windows.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
165651		3	Resolved	Defer	Code can pass a negative value to API that only access unsigned values	Problem discovered during a code inspection. No adverse effect due to this potential problem is known to exist.
165684		3	Resolved	Defer	Rel 42.0 E5OAM Meas:Standby OAM card booted randomly with OBITs after reverting form E5-OAM setup.	This should not occur as EOAM shjould not be put in system with E5-OAM
165732		3	Resolved	Defer	Meas hourly processing not completing properly	Customer is able to retrieve hourly reports after hour ends, i.e. the 0100-0159 report will be available after 0300. The data is complete and accurate, just not available as timely as it should be.
165758		3	Resolved	Defer	R42:FTRA4.3 - H0 and H1 parameters incorrectly displayed in the retrieved CSV file for rtrv-scr-sio command.	No lost data as there is nothing to display. Since CSV faile cusotmer script should handle
165786		3	Resolved	Defer	Card Failure: Card 1113 failed to Download BLMCAP,	The flash command may have to be repeated to take effect.
166116		3	Resolved	Defer	R42: clc_mcap.c trouble observed on E5OAM card when converting EAGLE to duplex mode by inserting E5OAM	Not lilkey to happen as simplex operation of OAM is not normal configuration. Even if it does happen problem is self correcting.
166203		3	Resolved	Defer	Incremental Upgrade from 41.1.0-62.64.1 to 41.1.4-62.73.1 Fails	Upgrade fails to complete.
166207	Y	3	Resolved	Defer	GLS cards should produce UIM when there is binder failure	In most cases the new screen set just will not load.
166334		3	Resolved	Defer	during incremental upgrade, ipls_meas severity 1 is generated	E5OAMHC meas application will not able to FTP reports when this problem occurs since it was unable to read the FTPSERV table. This is corrected by booting MASP that generated the ATH.
166335		3	Resolved	No-Fix	unexpected disk time out alarms generated during upgrade	The disk access message is generated and the system recovers (indicated by the UIM 1106 - IMT GPL reloading 2 of 2 message being displayed.) If the system were not to recover, the TSM|GLS cards would double boot in Phase 3 when they were being upgrade. The upgrade command handles this bahavior and continues.
166337		3	Resolved	Defer	LNP meas: Comma after last register for LNP and SSP hourly and daily reports.	The last meas value printed in a csv report may or may not have a following comma. This does not mean that values were omitted. Meas data accuracy is not affected.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
166340		3	Resolved	No-Fix	D_MTCS LNKSET LSMTCST Error (Telcordia-FT)	No system impact. Reporting issue of missing value when linkset contains Unavailable and inhibited/Out of service link states.
166486		3	Resolved	Defer	E2508 Cmd Rej: SCMGFID is invalid when issuing chg-scr-cdpa	MTT returned should be that the parm SCMGFID is required to be entered
166498		3	Resolved	No-Fix	REPT-GTWYACT Not Sent on Legacy OAM (Telcordia-FT)	No system impact as it is a reporting issue only on Legacy OAMs. This is supported on E5-OAMs.
166531		3	Resolved	Defer	IPSG msucount discrepancies "msucount -l" vs "msucount -a"	The pass command for msucount -a may not be 100% accurate.
166592		3	Resolved	Defer	R42:FTRA4.3 - Incorrect information in Logs for dlt-dstn using Update Table	Customer sees a "Command not supported" message in their logs when the command is supported and does execute.
166593		3	Resolved	Defer	R42:FTRA4.3 - Validation fails on FTRA for ent-card but same command is successful through Eagle terminal	The customer may have to use the ent-card on the EAGLE instead of FTRA.
166606		3	Resolved	Defer	Module trp_tbl.c Line 1133 Class 01c3 Severity 1	The system impact for this issue is no more than a sev1 ATH generated by TRP module in case Ethernet interface goes down.
166659		3	Resolved	Defer	Chg-lnp-serv generates dbcd_tts.c #1329 Sev 1 when an existing alias TT is changed.	Trying to change various parameters of an Alias TT entry using chg-lnp-serv command will generate a harmless Sev 1.
166667		3	Resolved	Defer	FIFO counts reported by rept-imt-lvl1 and rept-imt-info differ	Mimimal as TAC noramlly is the only one checking these counts.
166677		3	Resolved	Defer	E2011 Cmd Rej:Missing mandatory parameter- is missing a space	None expected as the space missing in the output just makes it incosistent with format of other reject messages. .
166710		3	Resolved	No-Fix	scm_hwvf.c Line 1486 sev 1 output during 40.1.5-62.13.36 upgrade to 63.29	No impact if proper procedures are followed.
166711		3	Resolved	No-Fix	During initalization of masp for upgrade UIM 0055 Persistent device state tbl corrupt outpu	UAM will be cleared when both MASPs are running the target GPL.
166930		3	Resolved	Defer	Command rtrv-dstn:dpc=2-**8-*** is getting accepted.	Invalid data is accepted for the command. No operational impact.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
166935		3	Resolved	Defer	IMT MSU Retransmissions (due to high traffic levels)	The retransmissions (although should not be occuring) are not causing any real issues with messaging traffic as the message that encountered the problem (4ms timeout) was retransmitted and successfully processed. This has no real impact on the system.
166942		3	Resolved	Defer	Module mcc_queue.c Line 954 Class 01c3 Severity 1 when E5-OAM is coming up.	There is no adverse effect on the E5-OAM card due to this trouble; it appears to be a timing issue: the COM begins reporting that there is no IMT connection even before it accomplished a connection for the first time after the card has booted.
166960		3	Resolved	Defer	R42: Inconsistent behaviour observed in ent/chg/ rtrv-srvsel commands when DFLTACT is specified as NONE.	none - the error ject command for 2 differnet commands uses different logic so the reject reason in each case is different.
166975		3	Resolved	Defer	Sev1: Card 3109 Module tvg_hipr.c Line 1786 Class 01c1 Severity 1	May be slight dealy on bus recovery if this trouble occurs. Delay should be in the order of 250ms.
167114		3	Resolved	Defer	Module tosil_md.c ATH from HIPR card	The unhandled message is safely discarded and results in no adverse effect to the system.
167138		3	Resolved	Defer	converted TDM is dropping out of upgrade phase when it becomes active during incremental upgrade	When upgrade fails to continue the workaround ACT-UPGRADE command is re-entered. [Reference 909-1570-001, Procedrue 8, Step 1.] must be accomplished.
167173		3	Resolved	Defer	Extended Bert not running when in simplex OAM mode	BERT test sometime fails when running in Simplex (one OAM only) mode.
167174	Y	3	Resolved	Defer	Customer Docs example shows output in ms when int should be in micro seconds.	There may be minor confusion as the command output does not match the example.
167211		3	Resolved	Defer	UAM 0012 is assigned to wrong output group	UAM 0012 will display on any terminal with the CARD output group rather than terminal with the MEAS output group. The UAM has a very low probability of occurrence.
167235		3	Resolved	Defer	HIPR2: Unexpected "H" and "S" in TVG result	Senerio to create this is not part of normal operation. Even in the case where these occured there appears to be no adverse effect to the operation of the system.
167266		3	Resolved	Defer	Card 1311 Module im_com.c Line 996 Class 01c3 Severity 1	The upgrade execution needs to be restarted after the flash images on the affected cards are verified.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
167313		3	Resolved	Defer	HIPR2: extended BERT test should be allowed on IS-ANR bus when other bus is IS-NR	The Extended Bert is a new feature in 42.0. Having it unable to work on IMT IS-ANR may it take longer to trouble shoot an issue on the IMT.
167329		3	Resolved	Defer	Location range incorrect in CDT for INH-CARD	Possible confusion as documents do not show the correct range
167335		3	Resolved	Defer	HIPR2:fails to realign at HIGH speed when swapping HIPR with HIPR2 on E5-OAM eagle	When a HIPR2 is re-inserted in its shelf, the bus may not align to the high speed rate. The workaround is to issue the init-mux command.
167395		3	Resolved	Defer	Incorrect Error Message displayed when HIPR2 is un-plugged/ boots during EXT BERT	Minimal as the primary objective in this case is to terminate the Test and that is getting acheived. The message may casue additional troubleshooting to determine why the failure.
167436		3	Resolved	Defer	HIPR2: hipr2op_isr ATH/Obits seen in e9010801 overnight run with init-mux script	The HIPR2 card may double boot early in its initialization sequence and recovers normally. The only adverse impact appears to be that the bus takes about 10 seconds longer to come back IS-NR.
167494		3	Resolved	Defer	SSN range incorrect for rtrv-scr-aftpc and rtrv-scr-cdpa	Possible confusion to to error in documentation.
167496	Y	3	Resolved	Defer	E4440 Cmd Rej: Card running the specified code load not documented	Missing reject command can make recovery take a little more time.
167497	Y	3	Resolved	Defer	Unclear of IP address to use in System managmemt document	Minor confusion on the cusotmer as how to set up Putty.
167498		3	Resolved	Defer	Terminal Range Incorrect for rtrv-seculog and rept-imt-info	Customer may not realize that output can be sent to IP terminals.
167500		3	Resolved	Defer	SCCPTPSCAP range incorrect for chg-th-alm	Customer may not realize the full range they can use.
167502		3	Resolved	Defer	Optional Parameter Value Incorrect for rept-stat-trbl and rls-alm	The customer may type in the incorrect spelling as that is what is in the manual.
167504		3	Resolved	Defer	Range incorrect for addtblcnv and deltblcnv in chg-upgrade-config	None as customer should not use these options without direction from Tekelec.
167505		3	Resolved	Defer	TMRPROV parameter not listed and LPSET should be Mandatory for chg-atm-lps	The terminal will promote for the mandatory parameter but the customer may not realize they can change the other parameter.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
167507		3	Resolved	Defer	Location range incorrect and set to "Optional" for disp-disk-stats	May be confusion as docs do not give correct location.
167508		3	Resolved	Defer	Location range is incorrect for rept-stat-gpl: missing HIPR locations	Customer may not realize command can be used on HIPR and HIPR2 gpls.
167512		3	Resolved	Defer	Location range incorrect for rtrv-ip-card and rtrv-ip-lnk	Possible minor confusion as documentation does not match real range.
167516		3	Resolved	Defer	Incorrect range listed for "mrnset" parameter for chg-map command	Possible confusion as the documentation gives an incorrect range.
167517		3	Resolved	Defer	Incorrect Max Character Parameter Value for "ttn" for chg-gtt command	Possible confusion as the documentation gives incorrect range.
167534		3	Resolved	Defer	E5-OAM boots with ath_vxw.c during HIPR2 testing.	IF BERT is executed on an unstable bus the OAM may boot. It will self recover.
167554		3	Resolved	Defer	HIPR2: hipr2u_mgr.c Line 2210 seen during tst-imtLextbert command issued after init standby OAM.	BERT procedures should not be initiated when the system is not stable (i.e.: before allowing the E5-OAM to stabilize) Since application cards would have already been disconnected from the bus when the event occurs, the impact on the system is essentially negligible. Re-attempt the BERT when cards are not booting and the procedure will likely succeed without any other side effects.
167557		3	Resolved	Defer	scm_bkgd.c Line 3065 Class 01b3 Severity 1	The user would only see this ATH once, and there is a variable to ensure it is not re-displayed until the next OAM boot. No other imapct onthe system.
167560		3	Resolved	Defer	Card 1113 Module iplk_com.c Line 185 Class 01c3 Severity 1	no system impact, when the dcb initialization completes no more troubles.
167593		3	Resolved	Defer	Module e5imt_itx.c Line 402 Class 0001 Severity 1	Card should not be caused to get on or off the IMT during a test. No adverse effect to the system has been observed.
167594	Y	3	Resolved	Defer	MTT E4758 is missing in the customer documentation and descriptionof MTT 2014 is incorrect	Customer may need to call TAC to determine why the command was rejected.
167607		3	Resolved	Defer	Command Response Timeout, freeing up Scroll Area when command entered sometimes	A serial terminal is not usable for a while (up to 1 hour). It only follows an init of the OAM and on very rare occasions. Reboot the active card from another terminal.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
167642		3	Resolved	Defer	Location range incorrect for disp-bip, rtrv-bip and tst-bip	No impact as it requires TAC to enter BIP.
167665		3	Resolved	Defer	HIPR2:LIMs denied STPLAN service during act-flash command on HIPR2	In a heavily loaded (lots of SLAN traffic system) activating the flash cause a momentary loss of SLAN capacity. It is recommned to onoy put new cards inthe system in times of low activity.
167666	Y	3	Resolved	Defer	tst-t1 command do not provide sufficient information about command results.	Customer may not know how to get results from tst-t1 command.
167679	Y	3	Resolved	Defer	Received mrpg_utl.c sev 1 alarm when deleting the SS7 configuration using SEAS	No system impact. Measurements are being processed (collected / reported) on a link that has been removed, and the Measurements subsystem still attempts to process with this deleted entry.
167760		3	Resolved	Defer	Second SOIP Connection Automatically Activated (Telcordia - ST)	The SOIP will connect before the terminal is allowed.
167765		3	Resolved	Defer	REPT-IMT-LVL1 shows incorrect number of MUX cards when a MUX card is unseated	In such a scenario (When MUX card is unseated), number of MUX cards will be reported incorrectly by rept-imt-lvl1 command. Actual number of MUX cards can be counted from the output of rept-stat-mux command.
167776		3	Resolved	Defer	SSP report issue for ITUN PC's form MCP and OAMHC	The MCP and OAMHC SSP reports will differ for the ITUN PC's. The data on the meas table will be same but the for the ITUN PC's representation will be different in the reports.
167815		3	Resolved	Defer	Location range incorrect for rept-stat-db	Possible confusion as to the correct parameter values for this command.
167833	Y	3	Resolved	Defer	No replacement procedure dedicated to E5ENET card type in the maintenance customer documentation.	Documentation does not provide clear guidance for replacement procedure of E5ENET cards.
167836		3	Resolved	Defer	HIPR2: HIPR2 card silently double booted after init-mux during gpl flash process	If the card double boots after the init-mux command the side effects are 1) the bus may take 10-15 seconds longer to come IS-NR, and 2) if the card was being booted/init'ed to run a new trial flash load, the card will have to be reflashed since the double boot would have lost the trial image.
167845		3	Resolved	Defer	dblm_mgr.c Line 623 Class 01c2 Severity 1 & ecam_utl.c Line 536 & 538 Class 01d0 Severity 1	None, card DB loads correctly.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
167869	Y	3	Resolved	Defer	DB admin manual for GTT for ANSI-ITU-China SCCP Conversion Feature needs some additional information.	Customer was not aware that this feature could affect the network indicator bit in CDPA/CGPA fields in an incoming MSU originated from ITU-I(S)/ITU-N(S) domain to ITU-N(S)/ITU-I(S) network domain.
167875		3	Resolved	Defer	MCPM card generated Module meau.c severity 1 during upgrade	There is a potential for scheduled UI and SEAS reports to be aborted due the failure to read data from the MCP. The reports can be generated manually if needed. This is a timing issue with a very small window of opportunity; thus the number of reports affected would be minimal.
167890		3	Resolved	Defer	DMS Error during incremental upgrade from 42-63.30 to 42-63.33: dms_utl.c Line 2131 DMS Error	A Sev 1 trouble in generated when the Upgrade command is re-entered during phase 3 on a system under going an incremental upgrade but has never gone through a previous full-DB upgrade. This would only occur if a newly installed system were to upgrade to a Mainenance Build. There is no impact on the execution of the incremental upgrade other then the displaying of this trouble.
167893		3	Resolved	Defer	rept-imt-lvl2 command: The range of cards not correct	minimal as this is debug command. There are other ways to see the cards on the IMT.
167896		3	Resolved	Defer	System comes up in simplex mode when both E5-OAMs are present	The customer could enter a command that is allowed before the stanby MASP finishes initalizing. The command would be allowed then once the standby becomes avaialble a repair would be required.
167899		3	Resolved	Defer	Numbering Plan values (NP/NPV) in GTTSEL/SRVSEL tables do not match ITU spec	Per the Q.713 ITU spec, NP=private should equal a NP value of 14. The eagle is defining private as a value of 8. To work around this enter the NPV explicitly as 14 instead of "NP=private".
167904		3	Resolved	Defer	E5-ENET failed to detect loss of connection to the IMT	The card would show as isolated from the OAM. When reseated the card would recover.
167917		3	Resolved	Defer	HIPR2 testing: Module scm_mux.c Line 1570 Class 01c3 Trouble when bus B is coming up.	The trouble indicates that a HIPR2 card reported an out-of-range value for the IMT bus utilization. The problem self-corrects in a short time.
167990		3	Resolved	Defer	rept-meas command rejected for FTA reports when oamhcmeas=off	The customer would be unable to generate hourly or daily reports that would normally go to the FTA. However, the scenario with E5OAM Integrated Meas feature on but oamhcmeas=off is considered a transition state, so the window during which this problem could occur should be minimal.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
167994		3	Resolved	Defer	Minor changes to displayed information and UIM for prepaid IDP query relay	UIMs use enabled and disabled where the options are on and off.
168022		3	Resolved	Defer	Missing output terminal messages... Missing/Partial echo messages (E5-OAM and Legacy OAM)	Loss of some output on terminal.
168027	Y	3	Resolved	Defer	In certain cases EAGLE outputs UAM 449 when it should output UAM451	The customer may think the SCCP cards will resynch on their own and will not know reload is required. However, condition can be determined as no updates will be happening on the SCCP cards. Also the oldest level on the EPAP can be checked, and if greater than the SCCP cards then the reload is required.
168069		3	Resolved	Defer	HIPR2: Master HIPR2 card will not align without clock source on B bus	Not likely to happen as requires reboot of HIPR2 with clock cable disconnected and chanign fak for HIPR2. Fixing the clock cable corrects the issue.
168075		3	Resolved	Defer	ITU congestion discard thresholds D1/D2 should be same as D3 in MTP2/ATM/IPGW P_BASE meas reports	RBASE report congestion thresholds are inaccurate for some ITU link types. The customer can use reported value for discard level 3 for D1 and D2.
168130	Y	3	Resolved	Defer	RCT Timezone register (RTC_ZONE, stored at address 0x0E) maintained by VxWorks code is not getting updated on E5MASP card	RCT Timezone value is not getting persistent over init-sys. This problem is specific to the E5MASP cards only. Customer can rested the time zone after booting the E5-OAM.
168138		3	Resolved	Defer	chg-lnpopts Incorrect MTT error 3524	Some minor confusion since the features are mutually exclusive with LNP.
168138		3	Resolved	Defer	chg-lnpopts Incorrect MTT error 3524	Some minor confusion since the features are mutually exclusive with LNP.
168140		3	Resolved	Defer	E5OAM Int Meas: chg-meas:collect=on rejected if 15 min meas is on	Minor inconvenience. Collection can be turned on by temporarily turning off 15 minute measurements.
168201	Y	3	Pending_Review	Monitor	The rept-stat-alm:display=inhb showing incorrect count of permanent inhibited alarms	Customer confusion as to what alarms are really inhibited.
168244		3	Resolved	Defer	HIPR2: imte_lvl.c trouble when issuing rept-imt-lvl2 report with sloc/eloc parameters	Mimimal as not part of normal operation of EAGLE.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
168299		3	Resolved	Defer	Check for IP route and PVN/FCNA/FCNB conflicts does not work for IP route host address	Due to conflicting IP route entry with PVN/FCNA/FCNB, monitoring session with IMF may get disconnected. As these addresses are used internally between IAS and Eagle side, customers need to be aware of the limitations of auto verification during provisioning. The Conflict between PVN/ FCN and IP link/ route can be resolved through chg-netopts and chg-ip-lnk/ dlt-ip-rte commands.
168301		3	Resolved	Defer	FCNA/FCNB conflict checks against IP links and routes do not cover entire address space	Due to conflicting IP addresses of STC card and IP links, monitoring session with IMF may get disconnected. As these addresses are used internally between IAS and Eagle side, customers need to be aware of the limitations of auto verification during provisioning. The Conflict between PVN/ FCN, IP link/ route or STC link can be resolved through chg-netopts and chg-ip-lnk/ dlt-ip-rte commands.
168336		3	Resolved	Defer	MCP Meas:15-min on demand report generated during 2nd and 4th quarter hour LAST period is not correct.	When 15 minute meas feature is on, on demand reports for the xx15 and xx45 periods cannot be generated. The reports are generated correctly when scheduled. Problem is limited to E5OAM Integrated Measurements; MCP is not impacted.
168395		3	Resolved	Defer	rept-imt-lvl1: IMT level 1 High Speed stats not shown if there are no Eagle cards on a shelf	The High Speed stats can be retrieved using the rept-imt-info with the mux command.
168446		3	Resolved	Defer	Integrated Meas: UI reports trying to generate in 15 min increments when 15mincollect=on.	The time required to output UI reports every 15 minutes could exceed the capacity of the UI to process the reports. Manually disable scheduled UI reports with chg-meas command, then use Measurement reports generated to FTP server.
168447		3	Resolved	Defer	lb_mgr.c Line 3337 Class 01d8 Severity 1 from SCCP cards during upgrade	There is no adverse system impact.
168492		3	Resolved	Defer	EMS is unable to update inventory card Graphics due to the removal of the type parameter in the rtrv-bip command	Customer doc will not match current implementation.
168503		3	Resolved	Defer	HIPR2: md_hipr2.c Line 379 Class 01cf obit & hw_hipr2_com Line 302 Class 01cf Severity 1	When inserting HIPR2 on bus card upstream could boot. The IMT is already down at this point so the only affect is it take up to 10 seconds longer to recover.

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
168529		3	Resolved	Defer	TST-IMT command is inconsistent across releases & requires multiple interruptions of the bus.	The new test does require that the bus be taken down twice instead of once as with the prior test. The old test is not longer the default. A new parameter for type was added.
168531		3	Resolved	Defer	restart.c Line 1099 Class 0001	Not likley to occur in the feild as the system had one IMT down for lab testing. Card does self recover.
168549		3	Resolved	Defer	MCP DB data transfer enhancement	Lengthy delay in the time required to load an MCP. No impact to data reliability
168566		3	Resolved	Defer	Module trp.c Line 588 Class 01c3 Severity 1 seen on STC card during normal operation	No observable system impact due to this issue. It is possible that some network element was generating empty broadcast packets occasionally.
168576		3	Resolved	Defer	IPSG Large MSU Controlled Re-route, minor traffic loss at 80%	Doing Change over and Change back under high traffic with large MSUs may result in some traffic loss.
168579		3	Resolved	No-Fix	E5-STC cards OBIT during upgrade from 40.1 to 42.0	The card will not load until the system stablizes. Until the number of network-traffic-producing UAMs is reduced the upgrade can not process or be rolled back. The various health checks and Procudure 1, Steps 16 -17 attempt to identify this condition prior to the start of the upgrade.

The system needs to be cleaned up and the bouncing devices need to be stablized. |
168592		3	Resolved	Defer	Pending items for the Reference counts in GTT_MAP and GTT_MRN tables	Customer is not protected from deleting used entries.
168616	Y	3	Resolved	Defer	DB backup is always downloaded to the same E5IPSM without checking if connection to remote server is UP	DB backup is always downloaded to the same E5IPSM without checking if connection to remote server is UP. Hence remote backup transfer via FTP session will fail if connection to the remote server is down on just one E5IPSM.
168652		3	Resolved	Defer	IPSG card GEI interfaces would not come up	Appears to be switch problem external to EAGLE. Keeping PR open until this can be proved.
168684		3	Resolved	Defer	R42:FTRA4.3 - Retrieved CSV file incorrectly displays an extra empty line after every entry for rtrv-mtc-measopts command.	This would put extra line in CSV file.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
168732	Y	3	Resolved	Defer	When deleting a E5-E1/T1 (T1) port, the port stays in-service at the far-end until card is boots	When a T1 port is deleted (dlt-t1) on an E5-E1T1 card the port stays in-service to the far-end until the card is booted. This makes it confusing to the personel onthe far-end as traffic will not work on this link.
168766		3	Resolved	Defer	rept-imt-info has dupicate fields in report	No operational impact. Gives bad impression having duplicate entries.
168784		3	Resolved	Defer	IPGWx: Only 1 AS goes active when a mismatched RC received and assoc is prov in multiple AS'es with no RC	IF the cusotmer does not provision the routing contect or no routing context to match the far end not all associations will go to inservice state. Pprovisioning to amtch far end will address issue.
168809		3	Resolved	Defer	CSVGENX is displaying incorrectly for rtrv-gttsel	The CSV for rtrv-gttsel on Unix won't display the actual value of OVERLAPD field. It would always display "No"
168821		3	Resolved	Defer	E3737 Cmd Rej: Socket connection parameters must be unique," not in the CER Manual	Customer will not know recovery when getting the reject message.
168827		3	Resolved	Defer	the standby OAM is receiving HIPR maintenance blocks	No system impact. Standby will discard any Maintenance blocks that it receives.
168856		3	Resolved	Defer	During upgrade (41.0.2 to 42.0) all cards in group failed to flash after one card in group obit'd	If one card does not return to service after the card isinhibited, the card isremoved from the upgrade list (works as designed). The code should upgrade all of the other cards in the group and then terminate the upgrade. Instead if the group of cards containcards that are running different flash. The code only completes flashing on the card running one of the flash. The code should finish the whole set of cards before terminating the upgrade. The workaround is to manually falsh the cards the upgrade did not automatically flash.
168858		3	Resolved	Defer	During upgrade (41.0.2 to 42.0): Module ecam_utl.c reported on Standby TDM	ATHs will occur but these can be safely ignored.
168890		3	Resolved	Defer	os_utl.c troubles pouring out after chg-db:action=backup command	The backup is not ikmpact. however if there is another issue it may be masked by the troubles being output for this.
168894		3	Resolved	Defer	tks_md.c pouring out after chg-db:action=backup	The customer may have to boot the OAM to clear issue.
168913		3	Resolved	Defer	The Eagle has an invalid command of RTRV-PE in its F10 list that should be removed	No system impact and command will not execute.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
168923		3	Resolved	No-Fix	adl_load.c obit during full upgrade from 41.2.0-62.69.65 to R42.0.0-64.36.0	Card will reboot and eventually recover.
168956		3	Resolved	Defer	CDT Deficiencies regarding rept-imt-lvl1	Customer will not fully understand stats. As these stats are for Tekelec use this is of little impact.
168958		3	Resolved	Defer	CDT Deficiencies regarding rept-imt-info	Customer will not fully understand stats. As these stats are for Tekelec use this is of little impact.
168961		3	Resolved	Defer	smrg_utl.c Sev 1 during daily UI reporting	Sev 1 ATH is only impact. No adverse impact to measurements functionality or reliability
168966	Y	3	Resolved	Defer	Command Manual under command rtrv-data-rtdb, it states the entity must be between 5-15 hex digits.	Wrong statement in the documentation regarding entity field may lead the customer to be confused with the use of rtrv-data-rtdb command.
168987		3	Resolved	No-Fix	42.0 Upgrade Procedure needs to be updated for 40.4 upgrade path with remote upgrade	This PR only applies to upgrades performed via remote downloads. If the system is running on GPSMs, the workaround is to provide them with an upgrade MO disk.
169046		3	Resolved	Defer	DB update allowed when in phase 0 of upgrade	This is not an issue if upgrade procedure is correctly followed. If it does occur then Database difference will have to be corrected before the upgrade can continue.
169084		3	Resolved	No-Fix	Route for cluster point code can be given on A/E Linkset.	This is a legacy issue that has little system impact but is technically a valid issue.
169096		3	Resolved	No-Fix	Module vcpsntry.c Line 176 Class 0001 Sev 1 on DSM after init-sys	Not service affecting
169114		3	Pending_Review	Monitor	DSM B port connections go unavailable when unplugging ETH2 (DSM A) connection on EPAP	Possible cable faults could affect more than the card using that cable getting updates. The system will alarm if the DB on the DSMs are at different levels. This will allow for troubleshooting to correct the issue.
169146		3	Resolved	No-Fix	rept-stat-gpl does not display approved and trial version numbers	Until the GPL state is established, the Approved and Trial versions are not displayed on the rept-stat-gpl command. This is expected behavior.
169173		3	Resolved	Defer	DDB Inconsistent on far-end E5-ATM card after congestion duration run	The DDB inconsistency does not affect traffic. However it does casue a DDB alarm.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
169220		3	Resolved	Defer	meas_dth.c seen during phase 0 of incremental upgrade from 63.35 to 63.38.	No adverse impact to system operation or reliability since standby OAM was begin booted for upgrade anyway.
169221		3	Resolved	Defer	mrs_mgr.cpp Sev 1 seen during incremental upgrade from 63.35 to 63.38.	No adverse impact to system operation or reliability.
169301	Y	3	Resolved	Defer	Missing description that when CNVCGDA/I/N are enabled =no MSU will be discarded	The customer will not relize the MSU maybe discarded when the option is set this way.
169316		3	Resolved	Defer	IAR SPORT - DN with no GRN does not give expected UIM	The customer may not realize the GRN is missing. The message will be processed based on this without producing a UIM.
169360		3	Resolved	Defer	No check for device support of Ethernet before call to iplk_max_ip_links_per_card	No system impact, trouble is displayed when an attempt is made to update IP link LEDs on a card that doesn't support IP links.
169362		3	Resolved	Defer	Need to update UIMs with the OPC and DPC so we can contact source.	Without this data it is harder for the cusotmer to determine the source of the problem traffic.
169405		3	Resolved	Defer	CHG-NETOPTS and CHG-EISOPTS not detecting conflict with IPSM IP Link	Properly configure EIS and IPSM networks so there are no IP address conflicts.
169440		3	Resolved	Defer	UAM 583 with "No error" reported for IPSG cards and toggling with other monitoring alarms	During IMF fail over scenario, following issues will be observed for Fast Copy enabled IPSG card. - Monitoring alarms keep on toggling on OAM for few minutes and after that alarm toggling stops. - UAM 583 is displayed with wrong reason code (No error). - No impact on the EMP session establishment was observed with the new IMF. i.e. after fail over new IMF was successfully monitoring the links on the IPSG card.
169476		3	Resolved	Defer	Standby E5OAM did not return to IS-NR after database maintenance	The E5-OAM comes up on an unusable state as it is unable to load its GPL (OAMHC). The problem appears to have been due to a timing problem when the SATA drives was not ready at the very moment that the code looked for it. Perform workaround:Boot the card, either via init-card:loc=<location> or by re-seating it. The drive will invariably be detected the second time the card boots.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
169477		3	Resolved	Defer	Standby E5 MASP boots with ath_vxw_mgr Obit after Format-Disk Completes	Since it's the Standby that booted and the card came back ok, there is no system impact.
169478		3	Resolved	Defer	Standby E5 MASP Boots with clc_mcap.c obit after COPY-DISK	MASP will boot again. The card was already booting due to PR 169477 when this additional obit was shown. The card took about a minute longer to get back IS-NR due to this PR.
169496		3	Resolved	Defer	rept-stat-xxxx commands may display incorrect Fast Copy information after OAM switchover	If FCMODE is updated and an OAM switchver is performed, then rept-stat-mon/rept-stat-card commands will display incorrect Fast Copy related information based on older FCMODE value. No impact on the monitoring of cards as it will be performed correctly (based on the value provisioned in DB). rtrv-eisopts will display the correct FCMODE value. If workaround is required then the Active OAM will need to be re-initialized. After that the Fast Copy DCB will get updated from provisioned FCMODE and correct Fast Copy information will be displayed
169714	Y	3	Resolved	Defer	DURASNEST timer reports 1800 seconds for associations that are up and running normally.	SCTP Measurements are reporting incorrect DURASNET value for some associations after different association is deleted.
169720	Y	3	Resolved	Defer	login via IPSM card to the Eagle is failing.	The telnet session that had this issue can not be reused. All other sessions are usable. The cared can be booted to clear the condition.
169901	Y	3	Resolved	Defer	TRP flooding from IMF leads STC/IPSG cards to reboot	FC capable and STC cards reboot and do not come up into service until they are either isolated from network flooding the cards. Or the source of the flooding is corrected.
169902	Y	3	Resolved	Defer	IARNOTAP is used in rept-stat-sccp to compute the failure ratio.	major/critical alarms raised due to high GTT failures
169910		3	Resolved	Defer	tpim_io.c Line 367 Class 01c3 OBIT while running init-standby script	After being initialized the standby OAM may boot and extra time before coming into service.
169954		3	Resolved	Defer	gpla.c and gpla_oamhc.c Sev 1s during upgrade from 41.2.0-62.69.65 to 42.0.0-63.38.12	Upgrade continues without issue.

Table RN-12. EAGLE 5 42.0 Known PRs (09/02/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
169957		3	Resolved	Defer	DIFF CONTENTS and DB DIFF after enabling 15 minute measurements following upgrade from 41.2.0-62.69.65 to 42.0.0-63.38.12	The problem is avoided by not booting the OAM within 30 Minutes or changing the 15 minute measurement option. If this does occur a repair will correct the standby database.
169959		3	Resolved	Defer	ath_vxw.c Line 3060 Class 0001 Obit during incremental upgrade 63.38.0 to 63.38.12	This occurs when a card is inhibited while it is in the process of booting. There is no other impact than the obit produced.
170098	Y	3	Resolved	Defer	update required for definition of counter GTTPERFD in customer documentation	Definition of this counter is confusing when some feature like ANSI/ITU SCCP conversion is activated. That is because a single MSU may be counted more than once.
170105	Y	3	Resolved	Defer	ATH upg_mgr.c reported by MASP 1113 during incremental upgrade from 63.38.0 to 63.38.12	None. The upgrade continues without issue.
170122		3	Submitted	active	IPSG FastCopy Port A does not work when IPSG cards are used in a MLS linkset with SPC.	Customer will have to connect up both Fast Copy ports to get the A port to work.
192535		3	Resolved	Defer	EPAP on T1200 with E5-SM4G support of different speed not in Admin Manual	The Customer may have the EPAP and switches set slower than the E5-SM4G cards support. With the alarming in 42.0, the E5-SM4G cards may put out alarms as the conguration between the switches, EPAP, and E5-SM4G cards do not match.
192688	Y	3	Submitted	active	Module iprh.c Line 2788 due to zero length message	This is a result of zero length messages on IPSM cards simply being dropped. There is no negative system impact.
192986	Y	3	Resolved	Defer	act-file-trns command specifies wrong "loc" parameter in command usage example	Wrong information in example in the customer documentation.

Table RN-13. EAGLE EMS 42.0 Known PRs (01/28/11)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
169775		2	ReadyToTest	Active	backup.4mm script does not work with LT-04 tape drive	
124636	Y	3	Resolved	Defer	False alarm of password in Resync - AR 1395978	False alarm reported for password resynch with Eagle Smart Agent. Issue is not supported by Harris. Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
128487		3	Resolved	Defer	EMS-Error During Inventory Run	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
129691		3	Resolved	Defer	EMS - Invalid card-loc allowed in Maintenance through FMS	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
129698		3	Resolved	Defer	EMS: Misleading error in CMI	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
129942		3	Resolved	Defer	EMS - Time not specified in the logs	Legacy Harris Smart Agent Issue. With R41.0 additional user and system logs are available thru the CMI to help trace activity.
130187		3	Resolved	Defer	Memory leak in CMI 1.7 (HSA 6.9)	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130394		3	Resolved	Defer	EMS: ARI script execution from cron failed.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130633		3	Resolved	Defer	EMS - Autologout not implemented while switching between CMI pages	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130797		3	Resolved	Defer	EMS - Script execution successful with CLLI mismatch	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130798		3	Resolved	Defer	EMS - Play Button on Run Script page does not work at times	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130855		3	Resolved	Defer	EMS - Manual creation of destination directory for archival of reports	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130951		3	Resolved	Defer	EMS - Incorrect Graphical Display on deletion from DB	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131225		3	Resolved	Defer	EMS - CMI Send Cmd/Script fails if Eagle takes long time to display output	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-13. EAGLE EMS 42.0 Known PRs (01/28/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
131233		3	Resolved	Defer	EMS - Eagle terminal not accessible through Tarantella AR 1445294	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131256		3	Resolved	Defer	EMS - Incorrect graphical display after physical card replacement	The results directory folder needs to be manually cleared if the card inventory is changed. Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131486		3	Resolved	Defer	EMS: Platform Measurement reports.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131487		3	Resolved	Defer	EMS: Help link not working.	None.
131616		3	Resolved	Defer	EMS : Incorrect info in CMI 'view logs'.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131618		3	Resolved	Defer	EMS : Incorrect LIM port info on 'view logs' page in CMI.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131621		3	Resolved	Defer	EMS: Missing data in 'BoardIDPromReport' in CMI.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131627		3	Resolved	Defer	EMS - CMI Script fails on continuous run	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131663		3	Resolved	Defer	EMS - Wrong path in document for "write_results" function AR 1445298	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131760		3	Resolved	Defer	EMS - Incorrect Severity for HSA generated alarm	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131935		3	Resolved	Defer	EMS - Eagle CLLI not available for CMI login	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131988		3	Resolved	Defer	EMS - DBInsert alarm does not clear after db comes up	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131995		3	Resolved	Defer	EMS - No alarms for Auto Inventory failure	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
132938	Y	3	Resolved	Defer	Measurement HSA loader needs to convert blank fields to null before insertion	Blank entries are causing invalid data to be inserted into the measurements database and corrupts the utilization reports. Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-13. EAGLE EMS 42.0 Known PRs (01/28/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
134374		3	Resolved	Defer	installation Packaging- Tekelec EMS-set executable permissions bit in Measurements Platform HSA	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
134402		3	Resolved	Defer	EMS - No indication to user on click of Play button regarding stopped port	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
134846		3	Resolved	Defer	EMS - No entry in the EMS_DEVICE_MATE table for mated Eagle pair	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
135720		3	Resolved	Defer	Change "rack" references to "frame" in EMS	None - not an operational defect
136240		3	Resolved	Defer	EMS - CMI Hangs During Command Processing	When the user attempts a command then CMI realizes that the connection is missing until the command times out.
137533		3	Resolved	Defer	EMS : Incorrect OAM measurement data in Db.	Legacy Harris Smary Agent (SMA) PR. No immediate impact to EMS users.
137534		3	Resolved	Defer	EMS : OAM .meas data not being inserted to Db.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
137535		3	Resolved	Defer	EMS : Multiple entries for report parameters.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
137890		3	Resolved	Defer	EMS - Unable to run command for values xy09,ab10	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
137973		3	Resolved	Defer	EMS - Display message not updated on Schedule Cron Page	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
138162		3	Resolved	Defer	EMS : Incorrect and duplicated inventory data in DB.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
138493		3	Resolved	Defer	EMS - Cocoanut prompt password three times	Agent is LA and customer has the implimentation since it is their code base.
139746		3	Resolved	Defer	EMS : Hourly NP reports(.csv) not getting inserted to the Db.	Legacy PR - works as currently implemented. Tekelec wants to investigate.
139969		3	Resolved	Defer	EMS : Corba xml result file	Legacy PR - works as currently implemented. Tekelec wants to investigate.

Table RN-13. EAGLE EMS 42.0 Known PRs (01/28/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139970		3	Resolved	Defer	EMS: Corba option returns exception.	Legacy PR - works as currently implemented. Tekelec wants to investigate.
140003		3	Resolved	Defer	EMS - Invalid choice during package installation	Legacy PR - works as currenly implemented. Tekelec wants to investigate.
140067		3	Resolved	Defer	EAGLE EMS: Core Image Configuration Control/Management	No direct customer impact
140315		3	Resolved	Defer	EMS-Unable to schedule Script in CMI	No impact. The file permissions will be corrected during installation/upgrade by Tekelec personnel.
152420		3	Resolved	Defer	EMS - CMI hangs when IPSM card is inhibited	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
152905		3	Resolved	Defer	EMS: CMI hangs on abrupt script stop.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
153130		3	Resolved	Defer	EMS : Long script execution.	Low. The script works the results are just dropped off. The user can run the script in the background if desired but the display is chopped off.
153562		3	Resolved	Defer	CMI Command Script Function List Needed	Document will be delivered in a future release.
159604		3	Resolved	Defer	Netboss Reporter Reports Field Errors	Utilization reports for IP links can return an incorrect utilization value.
159874		3	Resolved	Defer	Netboss Processes Template File Update	None. This is resolved by PS engineers in a new installation.
160217		3	Resolved	Defer	EMS CMI Search command history does not search for command as expected	User must perform additional steps to force the search command history list to search for a selected historically sent search parameter.
161640		3	Resolved	Defer	EMS Golden Image - Debugfiles are not cleaned/moved	The debug files, if enabled, are not removed by the cleanup scripts. This can lead to the possibility of filling of the disk space.
161960		3	Resolved	No-Fix	Permissions - cm_logs_management.php unexecutable	Cron logs may not be processed for use by customer
162772		3	Resolved	Defer	EMS CMI Cron Logs do not show Results	No information available in this log file.

Table RN-13. EAGLE EMS 42.0 Known PRs (01/28/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
163059	Y	3	Resolved	Defer	Coconut Alarm put in Maintenance Mode Clears All EV Alarms	A clear alarm from the coconut script clears all alarms from the associated STP. This can mask outstanding alarms from the STP.
164840		3	Resolved	Defer	EMS Core - cron_log_move and cron_log_delete do not clean up Measurements	Possible disk space issues if the cleanup is not enabled
166776		3	Resolved	No-Fix	EMS: Problem in start/stop of SNMPNBI sga port	None. The NetBoss NBI uses a command line also so this implemention is ocnsistent. Start and stop can be achieved thru the command line. Removed requirement 90 from FRS (FE006002) since there are too many ways to stop and start the module. The stop/start thru probuilder is unreliable and the effort for repair thru NetBoss Technologies is too expensive since this product is going EOL. With a reliable command line way to stop/start the requirement is redundant and the PR unnecessary if the requirement is removed.
167773		3	Resolved	No-Fix	EMS - ARI document changes	Documentation is not up to date
168055		3	Resolved	Defer	EMS : Incorrect parameter range	There may be minor issues in configuring
169223	Y	3	Resolved	Defer	Alarm synchronization does not support inhibited alarms	Alarms on STP are not properly represented in the EMS applications in the case of enabled Inhibited alarms.
169224	Y	3	Resolved	Defer	FaultComm SSH Key processing is automatically accepting new ssh keys from the IPSM cards	The new ssh key is accepted by default. No indication that the key has been changed allowing for the possibility of a security issue

Table RN-13. EAGLE EMS 42.0 Known PRs (01/28/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
193267	Y	3	Resolved	Defer	T30108 - NetBoss EMS41 CMI: Missing Eagle Commands	The following commands are not available from the EMS 41 CMI and prevent the customer from creating the desired scripts from the interactive menu. Missing Eagle Commands (R40.1.2) in CMI EMS41 (Netboss) Command Class chg-user sa, uca ent-user sa, uca act-upgrade dbg, sec cdu dbg, sec chg-bip-fld dbg, sec chg-bip-rec dbg, sec chg-tbl dbg, cmc chg-upgrade-config dbg, oth clr-disk-stats dbg, sec copy-tbl dbg, sec disp-bip dbg, sec disp-bp dbg, sec disp-disk-dir dbg, sec disp-disk-stats dbg, sec disp-lba dbg, sec disp-mem dbg, sec disp-tbl dbg, sec disp-trace dbg, sec dlt-bp dbg, sec dlt-trace dbg, sec ent-bp dbg, sec ent-trace dbg, sec healthcheck dbg, rtrv-upgrade-config dbg, oth send-msg dbg, roc set-lba
195063	Y	3	Resolved	Defer	Documentation for the builtin CMI functions is insufficient.	Customer is unable to properly utilize the CMI for the functions it was designed to provide as the documentation is insufficient to provide guidance how the functions can be utilized.
195965		3	Resolved	Defer	EMS: DOS characters in uninstall10rec.sh and uninstallJ2SE10Rec.sh scripts	No customer impact. This only affects the uninstall process for the upgrade.

Table RN-14. ELAP 9.0 Known PRs (08/05/11)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
49447		3	Resolved	Defer	Terminated session login button doesn't work in rare circumstances	If Customer is using IP forwarding, has changed the http port to something other than 80, and allows a GUI session to terminate. Attempts to re-login receive an error rather than the login screen.
129734		3	Resolved	Defer	Active ELAP reboots when failover	the impact is that in the period of time while server A is rebooting, you will not be able to fail back over from B -> A. This error occurs infrequently.
132527		3	Resolved	Defer	NPANXX Can Be Deleted from ELAP with TN Data	As stated in the description, if a customer deletes the defaull gtt entry for which TNs/NPBs exist, the lnp query will fall through to eagle gtt.
164666		3	Resolved	Defer	ELAP 9.0 [PR122479]:ELAP having incorrect behavior for "User Account Idle timeout".	Idle time is not working correctly so manaul check from admin is required.
166078		3	Resolved	Defer	ELAP9.0_SYSTEM_TEST: localhost IP is getting set in platcfg when we remove NTP server using elapconfig on ELAP	This will not have any impact on the current working of NTP. Only platcfg menu will display localhost (127.0.0.1) IP address corresponding to a deleted NTP server.
166291		3	Resolved	Defer	ELAP9.0_SYSTEM_TEST: "service network restart" makes database Unknown on ELAP.	The ACTIVE side disk is in a good state and taking updates, no service interruption to the customer. Manual intervention will be required by Tekelec support personnel to properly recover the system to a good disk state.
167357		3	Resolved	Defer	ELAP9.0_SYSTEM_TEST: ELAP Admin Manual doesnot have Audit, Bulkload alarms	Customer might see an alarm that does not have an explanation in the manual.
160053		3	Resolved	No-Fix	MMI port connection display has unwanted control characters and no function key capability	The customer will have full VT100 terminal in KSR mode functionality when connected thru the ELAP GUI. There will be a few extra characters in the output.
166051		3	Resolved	No-Fix	ELAP9.0_SYSTEM_TEST: Different name for Default GTT in Retrieve Records and Local provisioning.	None
166085		3	Resolved	No-Fix	ELAP9.0_SYSTEM_TEST: Incorrect error message is displayed when TN is specified as a series of 0s in Subscription	None

Table RN-14. ELAP 9.0 Known PRs (08/05/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
166152		3	Resolved	No-Fix	ELAP9.0_SYSTEM_TEST:ELAP does not show appropriate message after executing "service snmptrapd stop" from elapdev user.	none
166499		3	Resolved	No-Fix	ELAP9.0_SYSTEM_TEST: : Mingled message content when snmptrapd service is stopped from elapdev or appuser.	none