

Tekelec EAGLE[®] 5

Release 44.0

Release Notice

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Tekelec

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Patents

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

U.S. Patent Numbers:

5,974,052; 6,167,129; 6,324,183; 6,327,350; 6,606,379; 6,639,981; 6,647,113; 6,660,379; 6,662,017; 6,745,041; 6,765,990; 6,795,546; 6,819,932; 6,836,477; 6,839,423; 6,885,872; 6,901,262; 6,914,973; 6,940,866; 6,944,184;

Revision H, January 2013 3

6,954,526; 6,954,794; 6,959,076; 6,965,592; 6,967,956; 6,987,781; 6,987,849; 6,990,089; 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; 7,088,728; 7,092,505; 7,108,468; 7,110,780; 7,113,581; 7,113,781; 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; 7,155,512; 7,155,505; 7,181,194; 7,190,702; 7,190,772; 7,190,959; 7,197,036; 7,222,192; 7,242,695; 7,254,391; 7,260,086; 7,286,516; 7,286,839; 7,318,091; 7,319,857; 7,327,670; 7,366,530; 7,372,953; 7,383,298; 7,401,360; 7,403,537; 7,406,159; 7,439,854; 7,440,472; 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; 7,633,872; 7,633,969; 7,644,215; 7,650,367; 7,675,905; 7,680,928; 7,693,066; 7,693,068; 7,716,175; 7,760,706; 7,701,925; 7,702,963; 7,706,343; 7,738,489; 7,738,648; 7,743,131; 7,801,093; 7,801,124; 7,804,789; 7,839,889; 7,848,767; 7,853,707; 7,853,784; 7,856,094; 7,860,799; 7,861,056; 7,864,943; 7,889,716; 7,907,533; 7,912,486; 7,916,685; 7,916,857; 7,936,866; 7,983,245; 8,041,021; 8,059,667; 8,073,127; 8,139,562; 8,179,885; 8,184,798; 8,050,253; 8,213,410; 8,224,337; 8,224,928; 8,228,792;

Foreign Patent Numbers:

CA 2351375; CA 2352246; EP 02757288; EP 1116816; EP 1169845; EP 1290854; EP 1356866; EP 1374606; EP 1428355; EP 1472809; EP 1504576; EP 1282983; EP 1135905; EP 1161819; EP 1169817; EP 1173969; EP 1177660; EP 1192758; EP 1247378; EP 1252788; EP 1266528; EP 1269764; EP 1285545; EP 1303994; EP 1314324; EP 1377909; EP 1425932; EP 1715658; EP 1568203; EP 1755295; EP 1794911; EP 1879354; EP 2160039; ZL 200680017480.6; ZL 200680032589.7; ZL 200780013479.0;

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Introduction

This *EAGLE 5 44.0 Release Notice* includes Resolved and Known PRs for EAGLE 5 Release 44.0.5, Build 44.0.5-64.34.26, Release 44.0.4, Build 44.0.4-64.34.24, Release 44.0.3, Build 44.0.3-64.34.18, Release 44.0.2, Build 44.0.2-64.34.16, Release 44.0.1, Build 44.0.1-64.34.14, Release 44.0.0, Build 44.0.0-64.34.11, Eagle EMS 44.0, Build 44.0.0-160.17.0, and Resolved PRs for FTRA 4.4, Build 4.4.0-40.20.0.

The *EAGLE 5 44.0 Release Notice* includes:

- Generic Program Loads for EAGLE 5 44.0
- Resolved PRs for Eagle 5 44.0.5
- Resolved PRs for Eagle 5 44.0.4
- Resolved PRs for Eagle 5 44.0.3
- Resolved PRs for Eagle 5 44.0.2
- Resolved PRs for Eagle 5 44.0.1
- Resolved PRs for Eagle 5 44.0.0
- Resolved PRs for Eagle EMS 44.0
- Resolved PRs for FTRA 4.4
- Known PRs for EAGLE 5 44.0
- Known PRs for Eagle EMS 44.0
- Upgrade Paths
- Eagle Software Compatibility

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 44.0.3 is an LA Release. EAGLE 5 Release 44.0.5, 44.0.4, 44.0.2, 44.0.1 and 44.0.0 are GA Releases. EAGLE EMS 44.0 and FTRA Release 4.4 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 previous build are highlighted.

Table RN-1. GPLs - Builds 44.0.5-64.34.26, 44.0.4-64.34.24, 44.0.3-64.34.18, 44.0.2-64.34.16, 44.0.1-64.34.14 and 44.0.0-64.34.11

GPL SYSTEM NAME	VERSION Build 44.0.5-64.34.26	VERSION Build 44.0.4-64.34.24	VERSION Build 44.0.3-64.34.18	VERSION Build 44.0.2-64.34.16	VERSION Build 44.0.1-64.34.14	VERSION Build 44.0.0-64.34.11
Date Available	12/6/13	5/17/13	1/21/13	10/19/12	08/06/12	6/15/12
ATMANSI	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
ATMHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
ATMITU	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
BLBEPM	133.43.0	133.43.0	133.43.0	133.43.0	133.43.0	133.43.0
BLBIOS	133.43.0	133.43.0	133.43.0	133.43.0	133.43.0	133.43.0
BLBSMG	133.43.0	133.43.0	133.43.0	133.43.0	133.43.0	133.43.0
BLCPLD	133.55.0	133.55.0	133.55.0	133.55.0	133.55.0	133.55.0
BLDIAG	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0
BLDIAG6	134.20.0	134.20.0	134.20.0	134.20.0	134.20.0	134.20.0
BLIXP	134.34.21	134.34.21	134.34.12	134.34.12	134.34.12	134.34.11
BLMCAP	134.34.23	134.34.23	134.34.12	134.34.12	134.34.12	134.34.11
BLROM1	133.56.0	133.56.0	133.56.0	133.56.0	133.56.0	133.56.0
BLVXW	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0
BLVXW6	134.34.21	134.34.21	134.34.12	134.34.12	134.34.12	134.34.11
BPDCM	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
BPDCM2	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
BPHCAP	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
BPHCAPT	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
BPHMUX	134.12.0	134.12.0	134.12.0	134.12.0	134.12.0	134.12.0
BPMPPL	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
BPMPPLT	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
CDU	164.34.26	164.34.24	164.34.16	164.34.16	134.34.12	134.34.11
EOAM	134.34.26	134.34.24	134.34.17	134.34.16	134.34.14	134.34.11
EROUTE	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
ERTHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
GLS	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11

Table RN-1. GPLs - Builds 44.0.5-64.34.26, 44.0.4-64.34.24, 44.0.3-64.34.18, 44.0.2-64.34.16, 44.0.1-64.34.14 and 44.0.0-64.34.11 (Continued)

GPL SYSTEM NAME	VERSION Build 44.0.5-64.34.26	VERSION Build 44.0.4-64.34.24	VERSION Build 44.0.3-64.34.18	VERSION Build 44.0.2-64.34.16	VERSION Build 44.0.1-64.34.14	VERSION Build 44.0.0-64.34.11
Date Available	12/6/13	5/17/13	1/21/13	10/19/12	08/06/12	6/15/12
GLSHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
HIPR	134.29.0	134.29.0	134.29.0	134.29.0	134.29.0	134.29.0
HIPR2	134.69.0	134.34.22	134.34.0	134.34.0	134.34.0	134.34.0
IMT	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IMTPCI	134.34.12	134.34.12	134.34.12	134.34.12	134.34.12	134.34.11
IPGHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPGWI	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPLHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPLIM	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPLIMI	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPS	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPSG	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
IPSHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
MCP	134.34.26	134.34.24	134.34.17	134.34.16	134.34.12	134.34.11
MCPHC	134.34.26	134.34.24	134.34.17	134.34.16	134.34.12	134.34.11
MPLG	164.34.26	164.34.24	164.34.16	164.34.16	134.34.12	134.34.11
OAMHC	134.34.26	134.34.24	134.34.17	134.34.16	134.34.14	134.34.11
PKTGEN	164.34.26	164.34.24	164.34.16	164.34.16	134.34.12	134.34.11
PKTGHC	164.34.26	164.34.24	164.34.16	164.34.16	134.34.12	134.34.11
PLDPMC1	133.56.0	133.56.0	133.56.0	133.56.0	133.56.0	133.56.0
SCCPHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
SLANHC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
SS7EPM	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0
SS7HC	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
SS7IPGW	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
SS7ML	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
VCDU	164.34.26	164.34.24	164.34.16	164.34.16	164.34.12	164.34.11
VSCCP	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11
VXWSLAN	134.34.26	134.34.24	134.34.16	134.34.16	134.34.12	134.34.11

Resolved PRs

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

Table RN-2 on page RN-7 lists resolved PRs for EAGLE 5 44.0.5-64.34.26

Table RN-3 on page RN-9 lists resolved PRs for EAGLE 5 44.0.4-64.34.24

Table RN-4 on page RN-11 lists resolved PRs for EAGLE 5 44.0.3-64.34.18

Table RN-5 on page RN-12 lists resolved PRs for EAGLE 5 44.0.2-64.34.16

Table RN-6 on page RN-13 lists resolved PRs for EAGLE 5 44.0.1-64.34.14

Table RN-7 on page RN-14 lists resolved PRs for EAGLE 5 44.0.0-64.34.11

Table RN-8 on page RN-24 lists resolved PRs for EAGLE EMS 44.0.0-160.17.0

Table RN-9 on page RN-26 lists the Resolved PR for FTRA 4.4.0-40.20.0

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

Table RN-2. Resolved PRs for Eagle 44.0.5 Build 44.0.5-64.34.26 (12/6/13)

PR	CSR	Sev	Title	Customer Impact
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.
209808	Y	2	cards reporting ddl noxld, ddl unstbl, status and ddl_mgr sev 1 during loading	This problem occurs intermittently (and not always) on a large system after an init-sys command is issued. Problem identification: The state of the application cards (not all) remains "IS-NR DDLunstbl", and can be seen using the rept-stat-card command. The problem can be rectified either by re-issuing the init-sys command or manually initializing the OOS cards in case traffic has started running on the In-Service cards.
220921		2	MTP Routed SCCP messages causes VSCCP cards to stop responding	MTP routed SCCP traffic being redirected by feature to SCCP cards go into a loop. This causes gp.c sev1 trouble. Turning off the feature allows the SCCP cards to process other traffic.
228012		2	HIPR2 - Getting corrupt MFC byte counts	In overload conditions, the HIPR2 could increment the count enough to disconnect cards from the IMT. An init-mux or physical reset clears this.
200033		3	PCT DB commands not validating correctly. dlt wrong entry, accept invalid new entries	
212010	Y	3	Networking Routing table is incorrectly being flushed on E5-IP7 GPLs after IP Link comes up	Wrong routes could be flushed when IP links fail and recover. May have to manually reenter links or boot card to recover.
225347	Y	3	set-time command causes Obit on SCCP cards	SCCP cards may boot after execution of set-time command. Avoid using set-time at the top of the hour, i.e.: time=XX00 should be avoided. Two minutes before or a minute after is okay.
226923	Y	3	Standby card database initialization failed and DB becomes inconsistent in the end of upgrdae phase 0	The upgrade command terminates when the Swap Partition request times out.
228677	Y	3	Rept-meas command for MTCD-NP report is getting rejected with MTT E3631 though 'TIF Range CgPN Blacklist' feature is enabled	Rept-meas and rept-ftp-meas commands to generate MTCD-NP and MTCH-NP reports for 'TIF Range CgPN Blacklist' feature won't work if no other feature which supports these reports is enabled in the system.

Table RN-2. Resolved PRs for Eagle 44.0.5 Build 44.0.5-64.34.26 (12/6/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
230229	Y	3	chg-ppsopts command causes the CRNT DB on both MASP's marked as corrupted	UIM 1188 is reported, GT Subset is marked corrupted and the customers would see DB corruption alarm although there is no DB corruption. However this may cause confusion as it will be difficult for customers to determine whether corruption is genuine or false. As a workaround any DB update command that updates a table under GTT subset should help to clear the corruption as it will recalculate the checksum for GTT subset and update the reference checksum.
230369	Y	3	mactype parameter of chg-ip-lnk command does not support 802.3	Supported range value (802.3) of mactype parameter is getting rejected.
230487		3	Junk values are getting updated in On demand MTCH-NP reports when only TIF Range CgPN Blacklist feature is turned ON	
230990	Y	3	SCCP cards booting continuously in Upgrade Phase 3	If the upgrade was performed with SW download then it will have to be backed out. The issue can be avoided using an MO drive for upgrade.
232002		3	Order of DCB mismatch in ath_alm.h and scm_dat.c file	
234392		5	Oracle Re-branding: Copyright	

Table RN-3. Resolved PRs for Eagle 44.0.4 Build 44.0.4-64.34.24 (5/17/13)

PR	CSR	Sev	Title	Customer Impact
220779	Y	2	E5-SM8G-B fails to boot after completing the flash process and issuing an init card	Though rare this would cause the card to no longer function. The card would have to be returned to Tekelec for repair.
226628	Y	2	HIPR2 cards may lock other cards off the IMT	In release 44.0.X, a counter was implemented to protect higher capacity cards from overload conditions from the HIPR2 cards. The counter was implemented incorrectly resulting in a condition that will eventually lock the OAM cards off the IMT. Please see TSB TN003545 for full details.
227456		2	SCCP cards freeze	If a message is corrupted such that the length is corrupted, the processing can busy the SCCP card due to the loop becoming infinite or very long. This causes the SCCP card to freeze (become unresponsive). If the LIM card continues to send such corrupted messages, it can freeze all SCCP cards in the STP. The card corrupting the message must be inhibited (use RTD troubleshooting to determine the card). Then the SCCP cards may have to be reset using the init-card command.
199703		3	Cards obit after int sys Module adl_mgr.c Line 913	
206300		3	HIPR2 does not boot up at installation	
212654		3	Incomplete NM-LNKSET report	
223006		3	HIPR2 - Taxi recieve ports get false VIOLATION errors cause retransmissions	
224894		3	Trouble imtc_mgr.c Line 6708 - the card did not report its flash image type to the OAM	
224937		3	Formatting issues in CSV files that csvgen\csvgenx generates	
225277		3	EPMA card fails to flash with Module clc_mcap.c Line 495 Class 01c3 troubles	
225875	Y	3	EAGLE responses with Application Context version 3 for equipmentMngContext	Before the PR change was implemented, the EAGLE just copies the ASN.1 version from the received message. The far end may not accept it since the version may not match the ASN.1 decode expected. After the PR change was implemented, if the ASN.1 version cannot be determined from the received message, then the default MAP version (defmapvr) from the GSMOPTS table is used. The version from the received message or the GSMOPTS setting, as appropriate, is used to determine the format of the returned message from the EAGLE.

Table RN-3. Resolved PRs for Eagle 44.0.4 Build 44.0.4-64.34.24 (5/17/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
226468		3	Severity 1 mib_utl.c Line 5131 and 5123 Class 01f1 observed after initializing a E5OAM card	
225984		5	Remove Sabul source from SCCPHC GPL and source code repository	

Table RN-4. Resolved PRs for Eagle 44.0.3 Build 44.0.3-64.34.18 (1/21/13)

PR #	CSR?	Sev	Title	Customer Impact
222887	Y	2	Parsing error E2005 observed with rtrv commands executed via FTRA on Solaris	Some tables cannot be retrieved via FTRA when this error occurs.
212810	Y	3	Meas scheduled UI reports may report incorrect register set	Potential increased difficulty trouble-shooting linkset issue if the expected registers are not present in the measurement reports.
222509	Y	3	Comp-link or comp-linkset reports (with at least 1 link on card 1201) may incorrectly display the link type as MTP2-UNCH	If the unchannelized measurements option is turned on, comp-link reports for the links on card 1201 or comp-linkset reports (with at least 1 link on card 1201) may incorrectly display the link type as MTP2-UNCH even when the links on card 1201 are configured as channelized. However the reports will have the correct registers for the correct link type and will be getting pegged correctly.

Table RN-5. Resolved PRs for Eagle 44.0.2 Build 44.0.2-64.34.16 (10/19/12)

PR #	CSR?	Sev	Title	Customer Impact
218750		2	Eagle database getting corrupted after giving checksum errors on E5-OAM cards	When ent/chg/dlt-gsms-opcode or ent/chg/dlt-gsmmap-opcode command is executed with pc/pc-ssn that are referred in the MAP table, the checksum of MISC subset gets recalculated and GTT subset is not calculated. When audit is performed after executing these commands, the checksum mismatch is set for GTT subset. UIM 1188 is reported, GT Subset is marked corrupted and the customers would see DB corruption alarm although there is no DB corruption. Customers with FGTTLS are not affected.
214326	Y	3	IPSG M3UA link on E5-ENET-B card cater SNM (DAUD Message) traffic more than configured maxslktps value	Due to error in flow control of SSNMs, huge number of DAUD messages (DAUDs containing several dozens of destinations at a high rate) received from the far end, cause a burst of SSNM response messages on the IPSG M3UA link transmit path exceeding the supported capacity, causing SCTP association to fail and also results in bouncing of the association/link followed by "cnmgruasctp. Line 2602" troubles.
216697	Y	3	IDPR TST-MSG output showing unwanted SKBCSM CSL character strings	Following an upgrade to R44.0.0 or R44.0.1, SCCP cards may boot (reporting a watchdog timeout obit). Issue occurs when SKBCSM CSL match fails and corrupts memory (as this lookup is a precursor to the IDPR service feature, the IDPR service is affected). The following is the list of the affected features: IDP Screening for Prepaid 893015501 Prepaid IDP Query Relay 893016001 IDPR ASD 893025701 IDPR GRN 893025601 IDP A-Party Blacklist 893033201 IDP A-Party Routing 893033301 IDP Service Key Routing 893033601
219528	Y	3	RTD chksum insertion prior to message priority modification during network domain crossing causes UAM 541	1% of GTT translated MSUs may be lost because RTDU adds CRC checksum in every 100th MSU when crossing network boundary. Also the option has to be set to change the message priority.
219705		3	Do not generate gp.c ATH about failed length check for XUDT expansion during upgrade	

Table RN-6. Resolved PRs for Eagle 44.0.1 Build 44.0.1-64.34.14 (8/6/12)

PR #	CSR?	Sev	Title	Customer Impact
216337	Y	3	Application cards display mfc_msg.c Line 316 Class 01bb trouble during Upgrade phase 0 in Eagles with legacy OAM	No service impact. However, these sev-1s are causing a flood of messages during upgrade and could potentially mask other key information.
216347	Y	3	Eagle allows MAXSLKTPS above 5000 TPS for a IPSC linkset consists of E5-ENET-A links	The customer is not protected from provisioning more than 5000 TPS on links of mixed linkset (linkset with links on both ENET-A and ENET-B cards). Since ideally traffic needs to be shared equally between the links of the linkset, links on the ENET-A may report congestion for traffic anything above 5000 TPS. Since the TFCs are generated for the destinations routed over the linkset, the congestion on links on ENET-A may impact the traffic on the links on ENET-B cards also, though the customer may expect the traffic to be handled by additional TPS available on the ENET-B links.
216442	Y	3	R44 upgrade script terminates attempting to copy table 119 from Active to Standby TDM fails in UPG Phase 0 or 2	The upgrade command will stop. If it is retried the upgrade will continue.
217449	Y	3	Upgrading Eagle to release 44.0.0-64.34.11 disables seculog related alarms in the system	Upgrading Eagle to release 44.0.0-64.34.11 may disable seculog related alarms in the system and customer will not come to know that their seculog upload/overflow related alarms are now disabled after upgrade.

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12)

PR #	CSR?	Sev	Title	Customer Impact
198875		2	E5-ATM links with external clocking go OOS-MT and do not recover with OAM reseal	The ATM links lock up when either defective OAM hardware provides an unstable clock to the E5-ATM card, or when a good OAM is inserted into its slot and a clock glitch is produced (very rare).
213366	Y	2	SSN parameter value changes to NONE after entering/changing the GTA with chg-ppsopts command	chg-ppsopts command with only GTA parameter also changes the SSN value. Customer has to provision the SSN value again for the same entry in order to avoid any possible traffic impact.
213712	Y	2	SEAS command DISC-SLK causes active E5-OAM card to re-boot and DB becomes incoherent	Customer will not be able to delete some links with DISC-SLK SEAS command; dlt-slk command can be used to delete these links.
215415	Y	2	IPSG M3UA association may end in an abnormal state when the far end stack is reset	The association can be stuck sending traffic to a node that acknowledges the traffic but then discards it. This problem is detected by the Module cmgruasctp. Line 7316 Class 0001 Severity 1 trouble that is output. The issue can be cleared by bouncing the association state on the STP (open=no, open=yes).
133353		3	TIF: No Measurement reports for TIF SNS or TIF FWDCS	
139723	Y	3	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 with 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.
157155	Y	3	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 documentation. The customer will see fewer IDPRMSFAIL counts than indicated in the customer documentation. The content of outgoing MSUs is not impacted.
164101		3	IPSG - linkinfo is not displaying RC properly in logging	
164303		3	R42: AMGTT data should not be applied if PC domain found in CGGTA translation does not matches with PC domain in main GTT.	
164685		3	Threshold value reported in unsolicited SEAS link congestion output is incorrect	

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
165005		3	SEND-MSG used in checking Health of the system does not find multiple issues.	
165271		3	Rtrv-gtt/gta commands displayed inconsistent output values for some of the parameters	
165293		3	IMT MSU retransmission with Dual-core HW (Imt VxWorks)	
165428		3	f_idpr encoding test fails in certain cases where the TCAP CgPN field decreases in size	
167436		3	HIPR2: hipr2op_isr ATH/Obits seen in e9010801 overnight run with init-mux script	
167899		3	Numbering Plan values (NP/NPV) in GTTSEL/SRVSEL tables do not match ITU spec	
167917		3	HIPR2 testing: Module scm_mux.c Line 1570 Class 01c3 Trouble when bus B is coming up.	
167994		3	Minor changes to displayed information and UIM for prepaid IDP query relay	
168503		3	HIPR2: md_hipr2.c Line 379 Class 01cf obit & hw_hipr2_com Line 302 Class 01cf Severity 1	
168592		3	Pending items for the Reference counts in GTT_MAP and GTT_MRN tables	
168684		3	R42:FTRA4.3 - Retrieved CSV file incorrectly displays an extra empty line after every entry for rtrv-mtc-measopts command.	
168809		3	CSVGENX is displaying incorrectly for rtrv-gttset	
192803		3	IMT Level 1 stats: "VC OS Count" stat not incremented in all appropriate places.	
192804		3	IMT Level 1 stats: "Bus OS Count" stat not incremented consistently per intended purpose.	
192919	Y	3	external hw failure can cause IP overload resulting in card boot	This problem has only been observed in situations when a gross problem exists with the customer's network that overwhelms the Ethernet port with a storm of traffic. The customer must resolve the network problem.

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
193625		3	UPGRADE: act-upgrade:action=convertstp getting accepted even if IP Address validation test fails	
194108		3	R43:Incorrect Pegging of GPNOCLGT register when pegging of SMSMOGRCV is done successfully executing the MOSMS CDPN service.	
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 a OAM SWACT.
195807		3	CDT: rept-imt-info parameter descriptions are inaccurate	
195852	Y	3	EAGLE alarms all IPSG cards for FC when feature on even it the links are not monitored.	There is a false alarm as the port in question is not supposed to be monitored by the IAS. Ethernet loop-back plug or cross over cable between FC ports on the card should clear the alarms.
195949		3	ent/chg-csl , for scpgta parameter hex digit feature check is not there.	
196382		3	R43.0 : In CSL command DS can be provisioned in hex digits,but support is not mentioned.	
196783		3	For rept-meas command : MTT 2304 not exists in CDT but exists in code.	
197401		3	rtrv-ip-lnk output on eagle(if EAGLE is having E5-OAM card(s)) does not match with rtrv-ip-lnk CSV report.	
197425	Y	3	Trough SSH, users can reuse the same password when it is changed during first login attempt with the new user UID	Through SSH, users can reuse the same password when it is changed during first login attempt with the new user UID.
197537	Y	3	update required in the notes for command INH-SLK command with a reference to UIM 1150 if request is denied.	Adding a reference to UIM 1150 should help the customer to better understand why no link status change might happen following an inh-slk command. The link status change depends on the response received from the far end.
197849		3	E5437 Cmd Rej: VCI value exceed allowable range 0 - 16383 is misleading	
198034		3	The default value of max EPM lvl1 temp is not set with the 92% of the max EPM lvl2 temp.	

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
198404		3	IPSG doesn't generate M2PA BUSY	
198432	Y	3	Module gp.c Severity 1 on VSCCP Cards - E1LIM Cards	ATHs can flood the screens during upgrade.
198879	Y	3	Module The INIT-MUX command lost during upgrade phase 3 with module Module os_utl.c Line 552 Class 01ba Severity 1	HIPR cards may not flash during upgrade phase 3. The work around is to manually flash those that did not take an update.
199513	Y	3	LMSURCVDS register and MSUCOUNT not updated when large MSU exceeding 4095 bytes is discarded	LMSURCVDS register and MSUCOUNT not updated when large MSU exceeding 4095 bytes is discarded.
199514	Y	3	additional information required in customer doc for length paramater "LEN" that is displayed in some UIM	Customer may be confused by the length of the parameter displayed by the UIM.
199737		3	UAM 333 for DPC subsystem normal output when some commands like chg-dstn/ent-dstn/dlt-dstn/ent-rte/chg-rte/dlt-rte are used	
199869	Y	3	Table 9 in doc 910-6007-001 should be updated with the one in TR005007doc	It is not clear to a customer the additional impact to TPS advanced features have.
199942	Y	3	UAM # 328 shall be generated only when the SCCP service recovers after being totally unavailable	Generation of UAM 328 implies that either UAM 331 or 336 were previously output. For the customer, that means that they may have lost at some point SCCP service. In this case, this is much confusion for the customer as they cannot find either UAM 336 or 331 in the logs.
200149	Y	3	File system clogging in MCPM cards causes measurement report transfer failure	FTP transfer of measurement files to the remote server using measurement platform may fail and can impact performance reporting. Initialization of MCPM card may be required to resume the FTP transfer of measurement files.
200173	Y	3	M3UA only system will show UAM 0308 *C SYSTEM Node isolated	False critical alarm is raised on the system if a system only has M3UA links/associations up and in service.
200380		3	E5-ENET boots with Module ath_vxw_mgr. Line 1723 Class 01c3 after init-sys	
200579	Y	3	Rept-stat-alm and rept-stat-trbl counts do not match for major alarms	The alarm counts would not match and potentially confuse the customer.
200791		3	CHG-TRM changes the DMS table version in the associated entry in the terminal table.	

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
201026		3	Sev 1 from mfc_c2a.c observed on E5-E1T1 (EPMA) cards	
201097	Y	3	incorrect range values for baud parameter in chg-trm command.	Customer may not realize with E5-OAM the terminals can run at faster speed.
201189		3	Serial cables and adapters missing from Installation Manual.	
201470		3	"IP7 Secure gateway" manual needs to be updated with the M3UA AS procedures which are not supported by IPSP	
201955	Y	3	Page fault obit occurs (Module ath_vxw_mgr. Line 1723 Class 01c3) after a failed flash attempt of an E5 class card	The card boots after the flash operation has already failed.
201976	Y	3	INh-ALM needs note that TEMP status is also not maintained over MASP switchover	Customer was expecting temp alarm inhibit to be persistent over boot of OAM. However this is not the design.
202712	Y	3	Cards Out of service that have links built may cause measurements troubles	Possibly multiple Sev 1 ATHs from meau.c. No measurements data is lost since troubles are generated from cards that are OOS.
202734		3	Rel_44.0_IGLS:CHG-SCR-CDPA command fails to change NI value from " * " to a specific value.	
203274	Y	3	Defrouter configuration on E5-ENET cards causes card's Route Host Table to get updated with routing entries pointing to wrong	Defrouter configuration on E5-ENET cards causes card's Route Host Table to get updated with routing entries pointing to wrong gateway after reset of Ethernet port. The card may have to be reset to clear.
203693	Y	3	dbg-ddb reports incorrect checksum mismatch for static routing table	The difference between what the OAM is reporting and the result from the dbg-ddb command could lead the customer to be confused.
203917	Y	3	MatedAppl checksum mismatch due to the unevaluated weight data in MRN table causes UAM 911	Customer may get a false DDB alarm.
204115	Y	3	OAM reports "SCCP is not available" critical alarm (UAM 331) though all SCCP cards are IS-NR	The false critical alarm "SCCP is not available" could lead the customer to be confused. It may also impact reporting of actual major or minor SCCP-related alarms.
204643	Y	3	UIM 1232 requires some update as it may be triggered by GPORT when network crossing domain is attempted.	MSU discarded by GPORT due to network cross domain triggers UIM 1232. However, this is not clear in the customer documentation.

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
204689		3	Information about SCTP heart beat interval needs to be corrected in the Sigtran User Guide	
205112	Y	3	rept-stat-user command shows incorrect output	Customer gets impression that ports which appear in the output of "rept-stat-user" command are still in use, but there is a problem with these ports. However, the problem gets corrected if they login again on these terminals.
205909		3	R42.0.5:Command accepted while trying to modify the GTA entry with MAPSET ID that is not present in the MAP table.	
206299	Y	3	HB-Ack messages are being silently discarded for destination having network delay (RHOST or ARHOST)	Association remains in restricted state even after receiving Heartbeat-Ack message.
206346	Y	3	UIM 1416 triggered for MT_FWSM DELIVER message when MOSMSNPP is ON.	For every MT SMS (DELIVER) there is one UIM 1416 which fills the log file very quickly and can cause real issues (e.g., GTT failures) to be missed. The specific UIM can have a threshold set to limit the output for this UIM.
206586	Y	3	EDSM MCP card sending messages with Invalid Application ID: tks_md.c Line 2279	An ATH may be output when the card loads. The occurrence is very infrequent and has no adverse impact to operations.

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
206937	Y	3	EAGLE sends NF on SEAS over IP in response to vfy-ls with wildcards even though there are linsets to be found	<p>The following command ouptus may incorrecly end with NF even though there is data output.</p> <ol style="list-style-type: none"> 1. rtrv-gsmmap-scrn 2. rtrv-gsms-opcode 3. rtrv-ip-lnk 4. rtrv-ip-rte 5. rtrv-ls 6. rtrv-slk 7. rtrv-card 8. rtrv-scr-aftpc 9. rtrv-scr-blkdpcc 10. rtrv-scr-blkopc 11. rtrv-scr-cdpa 12. rtrv-scr-cgpa 13. rtrv-scr-destfld 14. rtrv-scr-dpc 15. rtrv-scr-isup 16. rtrv-scr-opc 17. rtrv-scr-sio 18. rtrv-scr-tt 19. rtrv-scrset 20. rtrv-mrn 21. rtrv-map 22. rtrv-subnetid 23. rtrv-vendid 24. rtrv-acg-mic 25. rtrv-acg-noc 26. rtrv-trbltx 27. rtrv-slt 28. rtrv-rmt-appl 29. rtrv-prefix 30. rtrv-vflx-cd 31. rtrv-gserv-data 32. rtrv-cspc 33. rtrv-tt 34. rtrv-shlf 35. rtrv-loopset

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
207325	Y	3	Additional information required for MAPSET configuration	Missing information in the document might lead the customer to think that the processing of the MSU is incorrect when the translated PC/SSN from GTA has a higher RC in a MAPSET.
207881	Y	3	Trouble Module rm_rte.c Line 3611 Class 01c3 caused by PCT being introduced in 43	No impact on traffic. If system is getting a large number of RST for point codes not in the EAGLE, their troubles could impact being able to see other output. Note: If RST are coming to EAGLE for point code not in the EAGLE, the operator of the sending node should be contacted to correct their routing, or the routes should be added to the EAGLE.
209061	Y	3	ent-lbp command getting rejected on E5-E1T1 card for link above a3 and b3	Not able to execute the ent-lbp command on E5-E1T1 card for links above a3 and b3.
209077	Y	3	T7 timer expiration on M2PA links	M2PA links are restarting due to T7 expiration.
209212	Y	3	Modification required in Commands Error Recovery Manual for error number 4272	The detailed description of this error created confusion to the customer when they tried to enter a second routing key for the same AS.
209485	Y	3	For some linkset "rept-stat-ls" shows point code header as APCN24 while it is actually a 14bit PC	rept-stat-ls output creates confusion when it shows APCN24 and SPCN24 header instead of APCN.
210042	Y	3	SCTP packets in receive queue with different TSNs and same SSN causes card to obit Module sctpinbound. Line 2741	Though the situation is likely to happen only when the far end is using an invalid protocol, reloading of card may impact other associations on the card.
210193	Y	3	Some field of the GSMSMSOPTS table reset to default value after upgrade to R43	SMS started failing after upgrade. Customer needs to manually provision all these fields again using chg-gsmsmsopts command to restore normal operation.
210233		3	scheduled reports are not getting transferred to FTP server.	
210542	Y	3	command class display problem after upgrade to R42 and R43	Customer runs regular security audits on their STPs to see what users have what privileges. Due to the inaccurate reporting, they can't rely on the current data.
210737	Y	3	Correction required in UAM/UIMs customer documentation for recovery of UIM 1340 and 1339	Incorrect recovery instructions for UIM 1340.

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
215846	Y	3	IPSG Cards booted multiple times with obit from Module restart.c Line 1282 Class 0001	During heavy congestion the cards could boot having a greater impact than the congestion itself would. To speed recovery, use Inh-card/alw-card commands issued for the IPSG cards that show this obit.
216025	Y	3	OAMHC boots with DMSHC_CMIO.C Line 513 Class 0b00 obits	The only impact is if this occurs during upgrade. This can cause the upgrade timing to be off and cause the system to indicate the upgrade has failed. The upgrade command can be resent and the upgrade will proceed without issue.
114139		5	E5-ENET-B	
114165		5	E5-MCPM-B	
114177		5	E5-SM8G-B	
114201		5	E5-ATM-B	
126921		5	Allow MOBR Exception Routes to Adjacent PCs	
131710		5	E5-OAM Integrated GLS	
133503		5	SLAN using MFC	
136830		5	MFC for EROUTE	
136832		5	MFC support for SCCP application	
136917		5	IPS Application on E5-ENET-B	
140600		5	TIF Calling Party Number Conditioning	
156586		5	MFC for MTP3	
158109		5	TIF Range CGPN Blacklist	
159102		5	TIF Subscr CGPN Blacklist	
161847		5	NPP Enhancement: Add optional SA Data for each SA in Action Set	
167924		5	Sev 2 observed from sctputil.c	
168492		5	Remove 'type' parameter from from BIP mgmnt commands.	

Table RN-7. Resolved PRs for Eagle 44.0.0 Build 44.0.0-64.34.11 (6/15/12) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
194229		5	NPP Single Digit Wild Card Optionality	
194514		5	NPP conditioning action support for extracting variable length area code from CgPN	
196331		5	Changing all on/off parameters for chg-measopts and chg-mtc-measopts command to new boolean format of on=x,y,z	
199918		5	Digit Action to delete country code if present and prefix database entity	
201307		5	Eagle: IDPR TON mapping for CdPN.BCD format	
202244		5	Out-of-Service MUX cards can be detected in UHC#2 and not only at Upgrade execution	
202979		5	E5-ENET-B IPSG High Throughput	
208083		5	flash_system util: enhance this util to flash cards in small groups	
208529	Y	5	Integrated Measurements upgrade enhancement	
210395		5	Unique Identification of T1 Unchannelized Signaling link in the Link Comp Report	
214028		5	ANSI EIR Support	

Table RN-8. Resolved PRs for Eagle EMS 44.0 Build 160.17.0 (11/7/2012)

PR #	CSR?	Sev	Title	Customer Impact
136240		3	EMS - CMI Hangs During Command Processing	
166736		3	EMS -Unable to update FMS Graphics	
200118	Y	3	cm_wrapper.php permissions allow unauthorized users to execute scripts	Any user of the system can execute the application and execute arbitrary commands on the STPs.
200119	Y	3	Files created by the EMS system are open for write access	Users are able to modify log files.
204377		3	Parameter for maximum number of simultaneous resynchronizations	
211395	Y	3	CMI scripts fail randomly when the availableports.dat file is being rewritten.	Scripts randomly fail.
212139	Y	3	No CMI login allowed after failover without mult login enabled.	Unable to login to CMI after failover.
212141		3	SNMP traps are being delayed for about 10 hours.	
212142	Y	3	SNMPNBI bindings for AcknowledgeMode and sequence number are improperly encoded	Improper operation of the module prevents the northbound system from properly processing the traps.
212145	Y	3	LUI Module is not updating links where the entry currently exists	Unable to properly monitor links that have been modified in the STP.
217153	Y	3	mediateCSV.pl will not execute	No impact to customers as the working script is available.
217875	Y	3	LUI database view is not optimized	The queries to the database can be quite slow for large measurement tables.
165060		5	Eagle EMS R44.0 must support upgrade from Eagle EMS R42.0 thru R43.0	
165061		5	Eagle EMS R44.0 must support alarms from Eagle R44.0	
165062		5	Eagle EMS R44.0 must support Measurement data from Eagle R44.0	
165063		5	Eagle EMS R44.0 must support command set from Eagle R44.0	

Table RN-8. Resolved PRs for Eagle EMS 44.0 Build 160.17.0 (11/7/2012) (Continued)

165064		5	Eagle EMS R44.0 must support cards introduced in EAGLE R44.0	
165068		5	LUI Measurement Threshold Alarms	
200211		5	HTTPS Access for EAGLE EMS CMI	
210395		5	Unique Identification of T1 Unchannelized Signaling link in the Link Comp Report	

Table RN-9. Resolved PR for FTRA 4.4 Build 4.4.0-40.20.0 (6/15/2012)

PR #	CSR?	Sev	Title	Customer Impact
196366		5	FTRA Support for Windows 2008 and Win7	

Known PRs

Table RN-10 on page RN-27 lists known PRs for Eagle 44.0.

Table RN-11 on page RN-52 lists known PRs for Eagle EMS 44.0

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

NOTE: There are no known PRs for FTRA 4.4.

Table RN-10. Eagle 44.0 Known PRs (12/6/13)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
139147		2	Resolved	No-fix	INM/SNM throttling (TVG rates)	This would take massive network issues to occur at customer site. DDB audit would alarm and catch this issue.
210094		2	Resolved	No-fix	R44_E5-SM4G-B:DSM card booting when the traffic is sent more than the system capacity.	There should not be customer impact if communication is performed in advance and limitation is advertized.
211340		2	Resolved	No-Fix	BP/Dual core (IMT) - resend ASU function for V0 will not work properly	Customer Impact should be close to none as this PR only impacts GLS cards and the triggering conditions are hazardous.
211831		2	Resolved	Defer	R44_MFC_MTP3: E5E1T1 SE HSL link going into congestion before supported value.	The SEHSL full link occupancy works correctly up to MSU size of 130 bytes. For MSUs larger than 130 bytes, the link occupancy fluctuates and may go into premature congestion. In worse case this can cause congestion at 70% capacity.
211881		2	Resolved	Defer	R44_MFC_MTP3:E5-ATM with three port E1 link is discarding MSUs after 9909 MSUs/s(approx) with MFC=ON/OFF	The ATM card can handle only 66% of the aggregate MSU count from 3 ports when MSU size is <36 byte (1 ATM cell) and all links are in the same linkset.
212407		2	Resolved	No-Fix	R44_STC:EDCM as a STC card is not able to handle its maximum capacity with either TVG or MFC.	Customer documentation updates needed. Customer impact very limited.
212847		2	Resolved	No-Fix	R44_STC:Copied traffic is getting dropped when we deactivate IP Port of 1 of the 2 STC cards catering traffic using DACT-IP-LNK	No impact. The command is for troubleshooting only.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
213787		2	Resolved	No-Fix	R44_MFC_MTP3:On TVG with HMUX "LIM denied SCCP/STPLAN Srvc" UAMs observed when running traffic at system's below capacity.	Since we can see LIM Denied SCCP and STPLAN service below system's capacity so it may effect those customers which are running traffic at 80% on TVG and using HMUX on their system.
214049		2	Resolved	No-Fix	R44_MFC_MTP3: MFC Discards observed on IPGWI card while changeover within Linkset.	SSEDCM support with MFC ON is for migration purposes and in low traffic conditions. This problem should not be hit in the field.
216253		2	Resolved	No-Fix	Rel44.0_E5ATMB:- Lim denied SCCP service observed on E1ATM and LIMATM cards	Should not have any impact in the field as those MSU sizes are very rare.
114678		3	Resolved	No-Fix	routing of a SAFETY packet with a CRC error	The likelihood of this PR occurring is extremely rare. Should it occur, most likely no one would realize that it even occurred. It would have to occur many (5 or more??) before it would have an effect on the Eagle system. Even then it would only affect the IMT bus that had the problem.
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.
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 customer 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.
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."

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	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.
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.
158419	Y	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_1 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.
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.
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.
159848		3	Resolved	Defer	Certain encoded characters cause 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.
161165		3	Resolved	Defer	Adding New Options/Parameters to STPOPTS Table For Multiple Features	options gbcast, mfcmt3, and mfcslan will not be used before R44.0.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
161779		3	Resolved	Defer	IPSG_PPI:2 severities "ecam_utl.c" and "gpluam2.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.
162378		3	Resolved	No-Fix	E5-OAM Module ath_vxw.c Line 3051 during init-card script (warm boot)	The card may double boot because of this issue.
163035		3	Resolved	Defer	SLAN on E5 based cards	RTx appear and impact troubleshooting but no other confirmed impacts
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.
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.
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.
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.
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 troubleshooting on IMT.
165572		3	Resolved	Defer	REPT-STAT-IPTPS showing incorrect value for CONFIG MAX	Some confusion on the value in MAX value. Below is the correct calculation. Find out how many links are configured for each card in the linkset. For each card, multiply the (# of links per card * MAXSLKTPS). If value > MAX_TPS_CARD_IPSG, then cap at MAX_TPS_CARD_IPSG, otherwise use the value. Sum the total of each new value found (one value per card) for the final MAX parameter. (report_tps=value 1 + value 2 + value N)

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
166202		3	Resolved	Defer	43.0 End-of-Life changes to customer documentation	may be a little harder to find as list of EOL HW is also publicized seperately
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
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.
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.
166935		3	Resolved	Defer	IMT MSU Retransmissions (due to high traffic levels)	The retransmissions (although should not be occurring) 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.
166975		3	Resolved	Defer	Sev1: Card 3109 Module tvg_hipr.c Line 1786 Class 01c1 Severity 1	May be slight delay on bus recovery if this trouble occurs. Delay should be in the order of 250ms.
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, Procedure 8, Step 1.] must be accomplished.
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 impact on the system.
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.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
167836		3	Resolved	No-Fix	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.
168022		3	Resolved	Defer	Missing output terminal messages... Missing/Partial echo messages (E5-OAM and Legacy OAM)	Loss of some output on terminal.
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.
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 no longer the default. A new parameter for type was added.
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.
168652		3	Resolved	No-Fix	IPSG card GEI interfaces would not come up	Appears to be switch problem external to EAGLE. Keeping PR open until this can be proved.
168766		3	Resolved	Defer	rept-imt-info has duplicate fields in report	No operational impact. Gives bad impression having duplicate entries.
168766		3	Resolved	Defer	rept-imt-info has duplicate 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 customer does not provision the routing context or no routing context to match the far end not all associations will go to inservice state. Provisioning to match far end will address issue.
168827		3	Resolved	Defer	the standby OAM is receiving HIPR maintenance blocks	No system impact. Standby will discard any Maintenance blocks that it receives.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
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 is inhibited, the card is removed 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 contains cards 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 flash the cards the upgrade did not automatically flash.
168890		3	Resolved	Defer	os_utl.c troubles pouring out after chg-db:action=backup command	The backup is not impacted. however if there is another issue it may be masked by the troubles being output for this.
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
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.
169954	Y	3	Resolved	No-Fix	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.
192796		3	Resolved	Defer	IMTPCI Level 1 stats: implementation missing	The IMTPCI GPL is currently missing: - Rx Inv Len - Large Pkt Error - CPU Rx MSU FIFO Full - CPU Rx LSSU FIFO Full - CPU Rx XSU FIFO Full - CPU Rx ASU FIFO Full This could make it slightly harder to diagnose an IMT problem.
192798		3	Resolved	Defer	BPxxxx IMT Level 1 stats: implementation is missing	The following stats are missing from BP IMT GPLs: - Pri Ctrl Sanity Err - Invalid Interrupt: This could make it slightly harder to determine an IMT issue.
195668		3	Resolved	Defer	R43.0:Severity 1 "ecam_utl.c" & "gpluam2.c" are observed during full upgrade from Rel41.1 & Rel41.0 to Rel43.0	No system impact since GPL audit is suspended during upgrade and these troubles are caused by an audit message being 'stuck' in the DMS queue while the format-disk operation is in progress.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
197268		3	Resolved	No-Fix	R43.0 : sev-1 "sum_mgr.c " is observed when eagle is upgraded from 41.1 to 43.0 and init-sys command is given.	If this happens the EAGLEe miss the one hourly report from a single MUX card. So far only recreation has been when using INIT-SYS.
198127		3	Resolved	Defer	R43: RTRV-GTTSEL:SELID=NONE command output not showing correct values.	The GTT Selector entries are not filtered based on SELID parameter in RTRV-GTTSEL command.
198136		3	Resolved	Defer	UAM 102 should be raised when a card's BIP data is reported as invalid	None since the BIP is for Tekelec to identify the card.
198267		3	Resolved	Defer	Eagle generated Module tks_time.c Line 927 Class 6000 Severity 1 when FTPing files	A timer (on the OAM) times a response from the FTP_TRNS task (at the IPS card) indicating the reachability of the FTP server from the IPS card. In the current scenario, the timer is not started in the state machine of the FTPT task. When the IPS card responds (PASS/FAIL) to the FTPT task the timer is stopped (which causes the said Sev1 in the PR) and the command proceeds. However, if accidentally the IPS card boots and fails to respond to the OAM, the FTPT state machine can get stuck in its current state, awaiting a response from IPS, affecting further FTRA File retrieval operations.
198394		3	Resolved	Defer	Eagle generated Module imte_err.c Line 7732 Class 01c3 Severity 1	The IMT_Rx_Packet_format_Error stats for HIPR Hourly Buckets A and B are off by one count. In this case the Cumulative stat value is one more than the Hourly stat.
198435		3	Resolved	Defer	Module t4b_bm.c Line 434 Observed on VSCCP Card after INIT-CARD	Card may take few minutes longer to come back up than normal after initialization.
198490		3	Resolved	Defer	hw_ixp1200_c Line 1653 Class 01cf Sev 1 with ath_vxw.c obit from the APPL side on VSCCP card	Card may take a few minutes more to recover after using init-card than would normally be expected.
198702		3	Resolved	No-Fix	init-sys on a large station running high sccp traffic load causes pmtc_mgr.c severity 1 messages	None: The troubles in this case are observed as the system is already shutting down and are benign.
198850		3	Resolved	Defer	E5ENET - rm_rte.c Severity 1 reporting frequently	This is an indication that the linkset ID being checked for circular routing is invalid. Since the traffic is allowed to continue processing, there is no operational impact. However, Tekelec should be contacted to determine why the linkset ID is invalid.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
198905		3	Resolved	Defer	During upgrade, VSCCP cards booted with Module itx_mgr.c Line 909 Class 0065	The COM side reports an obit occurring at the time when the card is already booting. There is no adverse effect to the flashing operations.
199647		3	Resolved	No-Fix	update rept-stat-mon	The issue is already corrected.
199652		3	Resolved	Defer	DCLRFAIL register was pegged to MMR due to 'COO' - Changeover order	ATM links will report MMR rather than COO for a changeover order link state. The protocol will does work correctly.
199920		3	Resolved	Defer	DDL and SS7_LP Out of Resources Obit on SCCP card following a cold boot	Card may boot twice when trying to come into service.
200469		3	Resolved	Defer	Eagle Upgrade: Full Fallback Procedure 22 OAM flash procedure typos	None. May be some confusion when using the backout procedure.
201334		3	Resolved	Defer	R44_E5E1T1B:Severity 1 Module meau.c with 32 links on E5E1T1-B card	A series of Sev 1s indicating an invalid disk access. No meas data is lost, and the meas report is complete.
202151		3	Resolved	Defer	Flash operation fails due to excessive time writing data to the CF	The flash operation on the card must be re-attempted. If the problem is observed during Upgrade, the flash operation has to be manual.
203718		3	Resolved	No-Fix	im_tar.c Line 648 Class 01c3 Severity 1 & GPL download timeouts when flashing BLIXP	Potential impact on upgrade of large systems with acceptable workaround.
204371		3	Resolved	Defer	Getting sev 1 from bndr and DB-timeout alarm during copy-disk/copy-tbl cmds and when database is in DB-DIFF/Incoherent	All of these scenarios (Download request while E5 OAM has disk-lock, db incoherent or db-diff) are negative scenarios. Once the intial failure is correct he GWS will be loaded.
204559		3	Resolved	Defer	UAM/UIMs 1360-1371 have wrong information	Maybe some confusion on what the UIM is indicating.
204817		3	Resolved	No-Fix	Inserted card at the location which was provisioned as different card type(from inserted card) came up at this location.	There should be no customer impact and is not new to R44.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
205113		3	Resolved	Defer	Alarm "333 DPC Subsystem Normal" is not occurring when ssn is configured and route comes to allowed from prohibited state	DPC 333 clearing alarm is getting missed in particular situation described in the PR description but the SSN, DPC and route status are correct.
205208		3	Resolved	No-Fix	Rel_44.0_IGLS:Help of GWS commands erroneously displays "C" as parameter value.	There is no system impact.
205218		3	Resolved	No-Fix	Rel44.0_E5IPSHC: Sev1 ipui_pip.c is observed when junk values are given in command on telnet terminal	NIL
205308		3	Resolved	No-Fix	MTP3 MFC - msgs not getting rerouted if the card goes into FC.	No impact. Separate PR is addressing.
205490		3	Resolved	No-Fix	Rel44.0_E5IPSHC: Pass:netstat command should display syntax error when incorrect arguments are parsed	NIL
205492		3	Resolved	No-Fix	Rel_44.0_IGLS:CGPA screening function is able to select MSU to be redirected.	Customer impact would be limited to an unexpected UIM and undocumented behavior but will not impact traffic. The risk is very low and impact close to none.
205625		3	Resolved	Defer	R44:FTRA4.4 -Mismatch in DBTIME parameter value	No operational impact. Only the DBTIME value is incorrect in the CSV output. This is true for all CSV files. The data is correctly displayed.
205854		3	Resolved	No-Fix	EMP sessions dropping when STC cards are being inhibited with enough IS-NR to handle load	When a default gateway STC card boots, there will be a drop of copied traffic until the EMP connection gets re-established with the new default gateway STC card.
205907		3	Resolved	No-Fix	NI parameter in GWS commands is accepting 0 as a value.	No impact on customer. Action not documented.
205917		3	Resolved	No-Fix	R44:FTRA4.4 - The date and time reported in CSV filename is incorrect.	None. documentation change
206610		3	Resolved	Defer	R44:FTRA4.4 - Mismatch of numentries values in rtrv-tt and the actual values present in CSV file	The incorrect value of NUMENTRIES field in CSV output of rtrv-tt command may cause confusion to the user. As a workaround, user can see the GTT Selector entries in rtrv-gttsel output.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
207178		3	Resolved	Defer	tDms can page fault when a card is shutting down	Nomally none. However, the card could lock up and require physical reseating.
207434		3	Resolved	Defer	alw-card causes VSCCP card warm restart possible	Init-card is required to force cold restart instead of beign able to use inhibit and allow.
207704	Y	3	Resolved	Defer	Delete the obsolete LNP parameter from code and documents	No system impact. This parameter and related alarms are confusing as these are obsolete now.
207751	Y	3	Resolved	Defer	Eagle is not responding with ABORT for each INIT received on a closed association though graceful shutdown is not enabled	None. Eagle is not responding with Abort for each INIT received on a closed association though graceful shutdown is not enabled. Since no reply for INIT is received from Eagle, the far end would time out and close association. As tghе association is already closed there is no impact.
207855		3	Resolved	Defer	Incorrect time is displayed in 30 minute reports.	Scheduled UI reports display the incorrect value in the REPORT INTERVAL field. This can cause parsing issues in offline analysis tools. The actual measurements data reported is accurate.
207864		3	Resolved	No-Fix	In simplex mode of eagle: SSP MTCD reports are not displaying header with Integrated Measurements.	If Integrated Measurements are ON in simplex mode of Eagle, no SSP MTCD (NP, VFLEX) reports are available. Per original description, reports work normally in normal conditions. In duplex mode of Eagle, reports are generated correctly with Integrated Measurements ON.
208231		3	Resolved	No-Fix	Eagle_44.0-E5SM4GB : Module hmdt_mgr.c severity observed while sending SCCP Message on Eagle.	None
208233	Y	3	Resolved	Defer	IMT level 1 stats report negartive counters.	IMT level 1 stats may report negative counters.
208567		3	Resolved	No-Fix	Eagle_44.0-E5SM4GB : E5-SM4G B card is continuously booting with " Module hcl_l2.c " Obit on EAGLE.	None: Misconfigured hardware cycle boots in some situations and auto-inhibits in others. There is no system required behavior when incorrect hardware is inserted.
209072		3	Resolved	Defer	NPP action set can be configured without any CA, SA or FA.	The NPP action set configured without CA,SA & FA will not do any NPP processing if the corresponding rule is matched.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
209084	Y	3	Resolved	Defer	UAM0144 in UAM manual need to indicate utility appl is listed as CDU in ouput	User will not know what GPL to load as the actual name of the utility file is CDU. Note: This operation is normally only done under TACs direction.
209229		3	Resolved	Defer	Eagle_44.0-E5SM4GB : Module trp_tbl.c severity observed while physically remove cable from port "A" or "B" E5-SM4G B card.	Impact is a severity 1 ATH is observed when Ethernet cable is plugged out either from port A or B from E5SM4G B card. There is also the obvious impact of losing the connection to the ELAP the cable was providing.
209583		3	Resolved	No-Fix	R44.0_Mobr-E:Inconsistent behaviour for Dlt-Rtx command in deletion of exception route.	No Customer Impact.
209597		3	Resolved	No-Fix	Application cards display mfc_msg.c Line 316 Class 01bb trouble during Upgrade	None. The mfc_msg.c troubles cease after application cards have been flashed to the correct GPL in the new sysrel.
209676	Y	3	Resolved	Defer	Additional information required in commands manual for terminal size in KSR mode	The code was designed for a terminal with 80 columns and 24 rows. Using a terminal with other than these settings may cause control keys to not function correctly.
209789		3	Resolved	No-Fix	R44_MFC_MTP3:sev-1 mfcsvfsm.c on SCCP cards & sev-1 mfcclfsm.c on LIM cards during switching from ON-OFF-ON for MFC	No impact to customers.
209888	Y	3	Resolved	Defer	IDPRMSERR is getting pegged if no matching NPP Rule is found.	It is quiet normal not to see a matching NPP rule for CdPN/CgPN if the MSU is not supposed to be proceed further as per the NPP configuration. So pegging DPRMSERR if no matching NPP Rule is found may cause Eagle to raise false SCCP Service Error Threshold Exceeded alarms.
210006	Y	3	Resolved	Defer	Continuous trouble from scm_sai.c module(Line 2738)	Continuous trouble from scm_sai.c module unless un-inhibit the alarms with "unhb-alm" command
210055		3	Resolved	Defer	R44.0_Mobr-E:Message with CGPA (route on GT) not being routed via the MTP option.	If MOBRSCCPOPC option is set to SCCP then all messages(irrespective of CGPA_RI) after GTT are currently being routed to exception route provisioned with CGPC.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
210067		3	Resolved	No-Fix	gle 44.0-Card 1113 Module slog_utl.c Line 408 Class 01c5 Severity 1	Limited to upgrade phase. No issue just delay in running commands. Chances to run rept-stat-seculog during upgrades are close to Null.
210148		3	Resolved	No-Fix	R44_SLAN-MFC: Severity 2 ath_vxw_mgr flooding screen such that command output not displayed	Limited support of SLAN with MFC advertized in R44 documents. Very few customers using SLAN feature.
210195		3	Resolved	No-Fix	Severity 1 "scm_mcp.c" is observed on E5-MCPM-B card.	No real impact. No need for a workaround.
210224	Y	3	Resolved	Defer	Update required in UAM/UIM guide for UAM 0901 (Card DB load timeout, check GLS card)	Users reading the manual without checking if Integrated GLS is on may try to troubleshoot for the wrong cards.
210261		3	Resolved	Defer	R44.0_Mobr-E:Exception routes being provisioned without the route key on IPGW links.	If the routing key for a DPC is not provisioned, the route to the DPC via IPGW link is marked as prohibited and the alternate exception route (or direct route) is used.
210274		3	Resolved	No-Fix	An empty linkset with no links is displaying unformatted output in rept-stat-iptps command.	Output formatting misaligned with empty linkset. Workaround is to delete the empty link set, or add a link to it.
210287		3	Resolved	Defer	SEV xsvf_ports.c observed during Phase 3 of Incremental Upgrade	No known impact based on when this occurred. However, to ensure there is no issue, reflash the card with the approved GPL, even if the card shows to already be running on the approved GPL.
210290		3	Resolved	Defer	R44_SLAN-MFC :with two slan cards and SSED CM (IPLIM) card as receiving client card SLAN traffic is restricted below its CAP.	UAM does not provide all details correctly. However it does provide the information and alarm for the dropped packets for SLAN.
210313		3	Resolved	No-Fix	R44_SLAN-MFC: LIM denied though available SLAN capacity and unexpected variation in MFC rate with mixed traffic	There is no system impact. SLANDISC2 measurement peg will get pegged in this scenario to provide the count of MSU's lost.
210319	Y	3	Resolved	Defer	Observing Sev-1 from meau.c module after Upgrade	No impact on measurements.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
210323		3	Resolved	No-Fix	R44: Observed MSU loss on eagle when receiving client card is ATM link. MSU size=29 bytes and at 1400 MSU's/sec	There would be MSU loss on LIM ATM when it will receive the heavy traffic (with MSU size < 100) from IPGW card via IMT.
210324		3	Resolved	No-Fix	Rel44_IPSG_HT: REPT-STAT-IPTPS modifications	None
210357		3	Resolved	Defer	R44_SLAN-MFC :In "rept-stat-mfc:sample=tot24h" Service requests received during out-flow control gets displayed after 1 hour.	There may be confusion on how and when the statistics are generated. MFC Engine provides server card statistics (SLAN), which are computed every hour (based on card timer); therefore they are seen updated an hour later. Whereas client card statistics are updated as soon as traffic is run because they are reported continuously.
210416		3	Resolved	No-Fix	R44_SLAN-MFC :With 2 SLAN cards provisioned to support 30k TPS, SLANDISC2 is getting peg with loss of MSU'S.	If there is slow TCP connection with remote end on SLAN, SLAN discards data message and pegs SLANDISC2
210449	Y	3	Resolved	Defer	"etime" Parameter range description in Commands Manual is incorrect for the RTRV-SECULOG and RTRV-LOG commands	Customer may be mislead to think the format value range is incorrect. The range is correct for 2400 time format. However the description is wrong.
210469		3	Resolved	Defer	Rel44.0_IPLIM/GW_ENETB: Link Alarms raised on IPGW linkset when one link is cancelled and TPS over links < IPTPS of Linkset.	The flow control on IPGW card is determined by the card capacity which is working as per design. The missing linkset IP TPS threshold alarm is not service impacting since it was designed to assist customers in capacity planning on IPGW cards.
210549		3	Resolved	Defer	Rel44.0_STC_ENETB: Rept-stat-card:mode=full:loc=<lim> incorrectly shows 'D' for TVG stats when all STC cards are inhibited.	Maybe some confusion as to why denied when in fact there are no service cards. Same information can be retrieved by other commands also like (rept-stat-slan, rept-stat-mfc etc.) which are working fine.
210638		3	Resolved	Defer	rtrv-srvsel displays gtrqrd out of order	rtrv-srvsel display gtrqrd column will not line up with its header.
210878		3	Resolved	Defer	Rel_44.0_MCPHC:- Incorrect Register names in aiqssp.csv report	The hourly data for AIQ will not be reported in the hourly NP SSP report. The total daily values will be reported correctly. This problem impacts all measurements platforms. ATINPQ reports will see the same problem if LNP is on coincident with ATINPQ.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
210984		3	Resolved	Defer	Update Hardware Manuals for 870-2903-02 card	The customer lacks documentation on the E5-MASP card 870-2903-02. This will be provided via a DOC bulletin to use until the regular docs are updated.
211110		3	Resolved	No-Fix	Transtion Issues with Secondary MCP Card (after boot) and issues with MCP IP Conn observed rarely	Seems no impact. Some concerns with the fact the Ethernet port remains down under this condition but since condition is rare... Very limited impact.
211220	Y	3	Resolved	Defer	Delete unnecessary steps from Customer documentation for formatting Removable Cartridge/Fixed Disk/Removable Media	MCPM cards will be taken out of service unnecessarily.
211236	Y	3	Resolved	Defer	No UIM when oversize (non-BICC) MSU received on a M2PA link.	System is working correctly. However, this problem makes it difficult to determine why the link went down if the far end does not follow the protocol correctly.
211271		3	Resolved	Defer	R44_IPSG_HT:Command rejected when we are trying to change the card type from enet-b to enet having 4 LS's.	Customer will rarely require downgrading the card from enet-b to enet. If the card is to be downgraded and sum of maxslktps exceeds 5000, he can use workaround below to change the card type. 1. Change the maxslktps of all linksets, which have provisioned links on that card, in a way, that the sum of maxslktp becomes less than or equal to 5000. After that change the card type from enet-b to enet using command : chg-card:loc=<loc>;type=enet Again set the maxslktps of linksets to desired value.
211288		3	Resolved	Defer	False alarm - UIM 0096 CARD 1211 SCCPHC "Card has been reloaded	The system falsely indicates a card reload. This may divert concern from the fact the system operating environment is outside of recommended range.
211431		3	Resolved	Defer	IMTPCI - microcode not counting all MSU's for MFC	MFC counts could be slightly off at very high traffic levels. No operational impact.
211497		3	Resolved	Defer	MFC Engine cannot currently account for System Service Messages that are self generated by the Application	Counts may be slightly off but there is no operational impact.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
211532		3	Resolved	No-Fix	Meas FTP reports may show wrong node name if CLLI is changed	Possible confusion because of the incorrect node name. File collisions could occur if the CLLIBASEDNAME option is on and there is an existing node with the same name.
211643	Y	3	Resolved	Defer	Title for the peg "RTT between RMIN and RMAX inclusive" should be changed	This command is used by customers for troubleshooting. So there is confusion as the name of the peg was confusing what was actually pegged.
211769		3	Resolved	Defer	rept-stat-mfc doesnt show the card in its output if the card is crossed level1 temp	rept-stat-mfc command is not showing the correct status or statistics of a card which is in IS-ANR state because of Level 1 temp threshold crossing. So if problem with MFC occurred during this condition troubleshooting would be harder. NOTE: Correcting the temperature problem should be the first priority.
211836		3	Resolved	Defer	R44_IPSG_HT: ENETB IPSG card deactivate copy function when Bi-directional traffic of around 5600 TPS is running on that card.	Copy function may be deactivated during heavy load (> 5000K).
211874		3	Resolved	Defer	Misleading MTT Error "E5279 Cmd Rej: MEASPLAT or Integrated Measurements feature must be ON	Customer may be confused and to required prerequisites for command option to work.
211875	Y	3	Resolved	Defer	Telnet terminals display problem	Customer is not able to see what is being typed on this screen, due to this it appears that there is problem with this telnet terminal. NOTE: Correcting the temperature problem should be the first priority." work around is: Again Login (though user will not be able to see what is being typed) correctly, the user will see "Enter Password" and terminal will be back to normal operation.
211888		3	Resolved	Defer	rept-stat-iptps with tpscost=yes shows derived peak tps for ENET-A card also	The concept of derived TPS was introduced in IPSG high throughput feature for E5-ENET-B cards only. So it has a minor customer impact that we are showing a field with some value in rept-stat-iptps command when given with tpscost=yes even though they do not apply.
212095		3	Resolved	Defer	Rel_44.0_MCPHC:- SEAS measurement reports don't match the Eagle Measurement reports.	There is difference between GR_310_CORE and what the EAGLE provides via SOIP. However this is the same content as previous releases.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
212096		3	Resolved	No-Fix	chg-measopts command rejected with MTT E3088 Cmd Rej: Platformenable or Oamhcmear option must be on for valid command input.	None
212382		3	Resolved	Defer	Incorrect speed/duplex settings displayed for OAM card locations 1113 and 1115	Potential customer confusion when the rtrv-ip-lnk output does not match the documentation. However no actual impact as at this point the paramaters are not used.
212547		3	Resolved	No-Fix	MCPM generating tc_mcp.c Line 704 Class 0001 tc_rcpy.c Line 719 Class 1104 Severity 1	Since it was during an incremental upgrade, we can consider this issue may not appear in the field.
212653	Y	3	Resolved	Defer	UIM 1057 description needs to be updated to indicate SSC message handling	Customer may get confused as the UIM says (shown below) the message length is invalid though the message length (MSG LEN=006) is valid for a SSC message (MSG TYPE=006). 1416.1057 CARD 1301 INFO SCCP rcvd inv SCMG - bad length SIO=83 OPC= 06445 DPC= 06473 SCMG: MSG TYPE=006 MSG LEN=006 AFTPC= 06445 AFTSS=001 MULT=000 LSN=mgts Report Date:12-02-09 Time:10:52:03
212661	Y	3	Resolved	Defer	Command's manual needs to be updated for rtrv-gttsel/rtrv-tt commnds to convey the meaning of "*" displayed	The customer may not realize the GTT entry is an overlap entry. A "X" in front of a GTT selector entry, displayed by rtrv-gttsel or rtrv-tt command, means it is a overlapped GTT selector entry. The Database Administration Manual - "Global Title Translation" has the details about overlapped GTT selectors.
212706		3	Resolved	Defer	Release 44.0- Allowed to turn OFF the NPP Unlimited SDWC Chars Feature FAK with more than 25 wildcard characters	The customer could have more than 25 wildcards with the feature off. However, it is not possible to provision anything that would affect performance. For example: In order to provision more than 3 wildcards for a digit string, you need to delete NPP rules so that the total wildcard is less than 25 minus the number of wildcards you intended for the string.
212724		3	Resolved	Defer	Severity "Module mfcfcmgr.c Line 2968 Class 01c3 " observed on LIM and E5-SM4G B cards.	The trouble could cause cusotmers to be concerned. However the trouble does not have any adverse system effects.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
212737		3	Resolved	No-Fix	R44_MFC_MTP3:EROUTE and SLAN services are not functioning simultaneously with SLAN service 80% in use and EROUTE more than 47	No customer have both SLAN and EROUTE.
212785		3	Resolved	Defer	R44: Module gpla_oamhc.c Line 173 Class 01c1 Severity 1 on E5-OAM hardware	May be some concern for customers as trouble may be generated on standby MASP. However there is no impact to the system.
212788		3	Resolved	No-Fix	R44: UAM333-DPC Subsystem is Normal not raised after ent-map	No customer impact. Inconsistent behavior with no operational impact. But this has always been designed this way.
212862		3	Resolved	Defer	Eagle_44.0-E5SM4GB: Severity "Module pmtc_mgr.c Line 919 Class 0242 Severity 1" observed on LIM cards.	This trouble occurs after another card has recently booted and comes back in service. Since the card that the trouble complained about is not yet fully IS-NR, the trouble is not an indication of any adverse effects on the system and can be ignored at this time.
212916	Y	3	Resolved	Defer	Unable to identify the linkset(s) for which GTTMODE is configured as "sysdflt	Customer may not be able to verify the actual GTTMODE setting on the linksets before attempting to change the DFLTGTTMODE parameter value under SCCOPTS.
213101	Y	3	Resolved	Defer	G-Port Manual needs to be updated to indicate cross network domain routing of SRI Ack is not supported	Customers may incorrectly believe that cross network domain routing of SRI Ack is supported.
213103		3	Resolved	No-Fix	Rel44.0:-Incorrect value reported for "NUMBER OF ENTIDS" in daily LNP reports generated in FTA area	Very limited impact.
213106		3	Resolved	Defer	REPT-STAT-IPTPS when executed with certain parameters, displays wrong MTT error messages.	There is a minor customer impact only when the rept-stat-iptps command is given with negative value of parameter. Currently the MTT text is E5411 Cmd Rej: LOC is valid only with HISTORY, TPSCOST or PEAKRESET While it should be : E5411 Cmd Rej: LOC is valid only with HISTORY, TPSCOST or PEAKRESET set to YES Giving rept-stat-iptps command with peakreset=no, tpscost=no or history=no is not generally required at customer end.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
213107	Y	3	Resolved	Defer	Minor Modification required in the description of GT parameter under ent-trace command in commands manual(910-6010-001 Rev A)	ent-trace is a debug command. Debug commands are intended only for Tekelec Technical Services personnel and authorized engineering personnel in the operating companies.
213220		3	Resolved	Defer	Premature congestion on IPSP card with some certain configuration and Rx/Tx traffic rate, when IPSP_HT feature is ON.	There is customer impact, but, as the customer sites generally run with 80% traffic of available card capacity, so this issue will not occur on customer sites. This issue occurs only when the traffic on card is around 6500 TPS (TU rate should be greater than 6500 to trigger the IPSP_HT derating) and sum of MAXSLKTPS is also near 6500.
213302	Y	3	Resolved	Defer	ent-slk command getting rejected with MTT 4835	Customer will not be able to add link to association. The following conditions are required for this problem: 1) Association index should be zero(only one association in the STP can have zero index) (Not visible to the customer) 2) Linkset must have link(IPLIMI) before upgrade to 39.2 3) Assign the association with zero index(item 1) to a link which belong to the linkset identified in item 2 Workaround: Create new association and use this new association instead of association having problem, as this new association will have index other than zero."
213306		3	Resolved	Defer	Remove MFC Transition timer during ADL Load for MFC MTP3	There is no known impact in 44.
213365		3	Resolved	No-Fix	Rel44.0:-dact-ip-lnk does not change IPSP terminal status	Incoherent Terminal Status information during a rare operational scenario.
213515		3	Resolved	Defer	Module mfcfcmgr.c Line 2968 : MFC attempting to update flowcontrol status information to itself	The trouble results because the card is sending some message types to itself, and it should not. Messages are gracefully discarded and the trouble signal that. There is no known adverse effect to the operation of the card.
213606		3	Resolved	Defer	Rel_44:IPSP:-while executing multihoming scenario on IPSP E5-ENET-B card, congestion and MSU discards are observed.	When exceeding the advertised performance limits of 120 ms RTT with high traffic rates and if a network fails/is restored for a multihomed association, traffic loss can be experienced.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
213716	Y	3	Resolved	Defer	Alarm "0516 * MEAS SYSTEM Degraded Mode - 1 card failed" not cleared even when standby E5-OAM card working fine	rept-stat-trbl command displaying alarm "0516 * MEAS SYSTEM Degraded Mode - 1 card failed" when standby E5-OAM card is in IS-NR state and link is UP after MASP swap. The false alarm can be cleared by entering "rept-stat-meas" to clear the alarm.
213786		3	Resolved	No-Fix	R44_MFC_MTP3: "SNM Discard Onset" Alarm not observed for E1T1-MIM/MPL/E1ATM card on TVG even at 3000 Non DDB SNMs/s.	No major impact to customer, since alarm not displayed for more than the supported value.
213817		3	Resolved	No-Fix	R44_MFC_MTP3: With TVG "SNM Discard Onset" alarm generated below card's capacity.	None
213870	Y	3	Resolved	Defer	Add notes in Alarm Manual document for UAM 539 to specify the impact on Integrated Measurement feature.	Customer may not be aware that if UAM 539 (Ethernet Interface Down) is generated from an E5-OAM card and rept-stat-meas command output shows this E5-OAM card as Primary, then loss of reports on the server is possible, and MASP swap needs to be done manually.
213946		3	Resolved	Defer	Rel_44:IPLIM/IPGW E5-ENET-B:"Card 1115 Module scm_utl0.c Line 5725 Class 01c2 Severity 1" is observed.	The impact would be two things: First: A Sev 1 trouble will come out from the Standby OAM. This will not affect the system. It can be ignored. Second, is the IP7CONN association timed alarm inhibit which will re-assert itself, the customer would then have to either re-issue the inh-alm or uninhibit the alarm manually. But again this would only be required if the expired timed alarm inhibit is either restored, or the timer popped during a OAM initialization.
214055		3	Resolved	No-Fix	R44_MFC_MTP3:"REPT-NMTSK-DSCD: SNM Discard Onset" observed below non-DDB SNM limit for SSEDCEM (SS7IPGW)	SSEDCEM will have very limited support in R44 anyway. CI is close to null.
214101		3	Resolved	Defer	Alarm 0102 "Motherboard BIP invalid" not getting raised for HIPR2 cards	The customer will not see any alarm alarm if the card power value is corrupted in HIPR2 cards. The card power can be seen from RTRV-BIP command. If it is found to be corrupted/undefined, Tekelec customer care can be contacted to correct the card power in the BIP data.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
214252		3	Resolved	Defer	R_44_IPLIM/GW:Links went down and Sev1 "Module sctpsenders.Line4191 observed while synchronizing IP card with MTU size 1450.	The normally used MTU sizes are multiple of 4: 68 (minimum packet size) 1452 (optimal for PPPoE DSL), 1488 (atm match), 1492 (PC MTU, LLC, and SNAP), 1496 (Dix), and 1500 (Normal for non jumbo) it is not likely to occur. (EAGLE defaults to 1500 so larger MTU sizes have no impact.) If someone manually fixes the IP network to an MTU size that is not a multiple of 4 this may cause the link to fail.
214266		3	Resolved	No-Fix	Rel_44.0_EROUTE: Copy function is de-activated on IPSP card when the traffic is running within its max capacity and MFC=OFF.	Would be nice to document this but impact is nevertheless limited (close to null).
214270		3	Resolved	Defer	Rel_44.0_STC: Copy function gets de-activated/activated on IPGW cards when an IMT failure is produced in EAGLE.	Small amount of STC traffic loss can happen when substantial traffic load is running and one IMT bus fails.
214323		3	Resolved	Defer	R44_STC:Traffic is not getting copied to the IMF server after booting one of the two server cards.	If traffic (on one or more) STC cards is running beyond 110% of their advertised capacity (and overall used capacity is below 100% of system capacity), and one or more servers boot (causing overall system traffic to go above 110% on the remaining STC Cards) then fluctuation is observed even when the booted STC cards come up. System traffic does not restore to normal state and will observe fluctuating STC traffic even when capacity is available. To recover from the problem, one will have to wait for the the traffic to reduce to below 80% of advertised traffic capacity STC card(s). Or add EROUTE cards to increase EROTUE capacity so that less than 80% of advertised traffic capacity is used.
214402		3	Resolved	Defer	High number of UPU cause a loading SCCP card to boot	SM4G and BPSCM SCCP cards could reboot under extreme conditions of subsystem status changes (over 1250 per second).

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
214423		3	Resolved	Defer	dlt-map:mapset=dflt generates 4 Sev 1 ATHs	This will only occur when "GTT Load Sharing with Alternate Routing Indicator" feature is enabled. There is no system impact because the MAP entry that is deleted with DLT-MAP command does not contain any MRN ARI Mate (MRNSET=none). When the DLT-MAP command is issued, it tries to update the MRNSET Refcnt for a non-existing MRNSET and throws a SEV1 upon failure.
214451	Y	3	Resolved	Defer	Modification required in rept-stat-sccp command output description	Customer may not understand what TTR and MTPRTD mean.
214560	Y	3	Resolved	Defer	Modification required in alarm manual for UAM 0084	May be misunderstanding as UAM 0084 is not listed in the DLK Alarms table.
214761		3	Resolved	No-Fix	Eagle_44.0_ST: "Module tvgerout.c Line 1186 Class 0001 Severity 1" is observed when MFC option is changed to ON.	Temporary impact (severity 1 trouble has no traffic impact nor customer impact).
214768	Y	3	Resolved	Defer	TTN parameter description for ENT/RTRV/DLT-TT and ENT/CHG-LSP-SERV need to be updated	Translation Type parameter description information is unclear. This may cause misunderstanding as everywhere TTN is used it is not actually linked in the database.
215062		3	Resolved	Defer	In rept-stat-iptps, derived TPS is getting printed even if IPSG_HT feature is off	None. Because: 1. It displays derived TPS only when the actual TPS exceeds the published card capacity (6500), which generally doesn't happen at customer site. 2. Even if the derived TPS is getting displayed, it doesn't affect the functionality of IPSG card in any way.
215122	Y	3	Resolved	Defer	Update required in Recovery description of UAM 0084	UAM does not currently document the recovery procedure for MCP, MCPHC, or OAMHC when UAM 0084 says the problem is MCP, MCPHC, or OAMHC.
215174		3	Resolved	No-Fix	HCMIM card booted on TVG at 25400 tps and wth MFC, msu discards seen at same rate	No impact for live systems as the MSU size conditions are not realistic. This is a pure system limit testing scenario.
215214		3	Resolved	Defer	R44_STC:Sev-1 trp_tbl.c Line 1213 and traffic loss observed while switching the copied traffic from one network to another.	There may be traffic loss if the IP networks between the IMF and EAGLE have fail overs.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
215217		3	Resolved	Defer	R44_STC:Obit adl_mgr.c Line 913,Sev-1 iplk_com.c Line 188 and iplk_utl.c Line 751 and 1309 observed.	Changing the PVN through chg-netopts command will cause Sev 1s to be reported on E5-STC-B cards and initializing these cards next will cause adl_mgr.c obit but the card(s) will load and become IS-NR after the obit and start functioning normally. There is no other impact. To avoid the troubles and the extra obit. Inhibit the E5-STC cards before changing the PVN and then allow the cards after the PVN is changed.
215245		3	Resolved	Defer	mcc.queue.c obit observed when testing EPM-B cards with Release 44.0	A card that is initializing may double boot. The card auto-recovers after that.
215326	Y	3	Resolved	Defer	Enhancement required in Commands Manual for Global title indicator description used in ent\chg gttset command	The customer may not understand that GTT selectors are provisioned independently for each domain.
215370		3	Assigned	Active	R44_STC:Loss observed in EROUTE traffic from getting copied , when E1-ATM/LIM-ATM card is monitored.	No Customer Impact.
215370		3	Resolved	No-Fix	R44_STC:Loss observed in EROUTE traffic from getting copied , when E1-ATM/LIM-ATM card is monitored.	No Customer Impact.
215372		3	Resolved	No-Fix	Rel_44.0:E5-ENET-B IPSG HT:Link derating factor is not being applied when we turn ON IPSG HT control feature.	The customer will see lesser value of derived TPS in rept-stat-iptps command. However there will no customer impact in terms of congestion. This issue occurs only with BICC messages on M3UA protocol only. So at customer site this is a rare scenario. And the issue will become invalid after fixing PR 213220, in which we are adding an engineering margin of 100 TUs while calculating derived TPS.
215381		3	Resolved	Defer	Rel_44.0:E5-ENET-B IPSG: Receive flow control is not working correctly with single M3UA association and multiple linksets.	If there are provisioned multiple links on a single M3UA association, the association is supporting traffic upto the sum of MAXSLKTPS of all the links those are provisioned on that association.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
215382	Y	3	Resolved	Defer	GTT Discard Action pegs GTT error counter and fail ratio under SCCP SERVICE STATISTICS & generates Major/Critical SCCP alarm	The alarm includes ""discard"" as a GTT action as errors. As this is the action the user data filled it should not be counted as an error. So customer may get confused with this alarm. The is work around is to increase the alarm threshold to account for the user data filled failure reason.
215452		3	Resolved	Defer	Eagle_44_ST: SM obit on adl_mgr.c when a large number of SM being init	Init-card:appl=vsccp on a large system will occasionally cause adl_mgr.c obit but will load and become IS-NR after a second boot.
215527		3	Resolved	Defer	Rel44_E5ATMB:- E5-ATM (EPM A) card Boots with pmtc_mgr.c Obit	It would take extreme traffic overload to see this case. Also to reach this volume it would have to be around 27 bytes. So this is unlikely to be seen by customers.
215664		3	Resolved	Defer	Rel44.0_E5ATMB:- Lim(s) have been denied SCCP service observed on E5ATMB card	The GTT traffic on an ATM card would have to average 36 bytes or less and exceed 8000 MSUs/sec to hit this condition. So it is highly unlikely for this condition to occur with valid traffic at a customer site.
215684		3	Resolved	No-Fix	init-card of active E5-OAM causes Sev 1 gpt_oamhc.c Line 479	no impact for customers.
215787		3	Resolved	Defer	MMI terminal truncating the hourly reports	The serial terminals will potentially not display the entire hourly reports under heavy UIM/UAM conditions. The Telnet terminals do not exhibit this issue.
215792		3	Resolved	Defer	Module ath_vxw.c Line 1455 Class 01b1 Severity 1 errors seen on DSM cards during 64.34 upgrade	The troubles reported by this PR are benign and only occur while the card is initializing. They will not be observed again after the card has initialized. The troubles simply indicate that the application has not yet registered functions to handle various operations. The application code retries the function again moments later and the code works as intended from then on.
215869		3	Resolved	Defer	R44: Formatting issue in rept-stat-sccp:mode=perf command with E5SM4G 10K feature ON.	No other impact except the format issue with the output of rept-stat-sccp:mode=perf.
215978		3	Resolved	Defer	R44.0: Multiple severities observed when GTT and MTP routed traffic is running in the system and init-sys command is given.	No known impact to system. Init-sys is a harsh shut down. PR is opened to ensure troubles seen are expected.

Table RN-10. Eagle 44.0 Known PRs (12/6/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
216145		3	Resolved	Defer	ddb_mtp.c Line 1402 Class 0001 Severity 1	This only occurs as the extreme upper end of performance (with the smallest size MSUs). If MSU size is increased, this issue is not seen. This makes it highly unlikely to occur in the field.
216168	Y	3	Resolved	Defer	Copy-disk fails in Eagle 43.0.2-63.65.1 with mixed mode OAM	"None as E5-MASP replacement is only allowed to be performed by Tekelec. This is left in customer known in cases that changes. At this point only 43.0.2 is affected."
216345		3	Resolved	No-Fix	Rel44.0_E5ATMB:- LIM-ATM card congested with 1500 Msu/sec (MSU size 34byte)	MSU loss due to congestion on card before intended rates are reached.
216394		3	Resolved	No-Fix	chg-eisopts:eiscopy=off:fcmode=off causes LIMATM links to fail	No Impact expected as this is a very high load.
216406	Y	3	Assigned	Active	New measurement fields are missing in Feature Notice of Release 43.0	Customer needs to modify the data collection utility to accommodate the new R43 measurement fields.
216492		3	Resolved	No-Fix	E1/T1 MIM cards rebooted when running EROUTE in heavy overload	Chances/Risks to see this scenario in the field are close to null
216527		3	Resolved	Defer	E5-ATM-B LEDs fail to update after init/inh	Possible confusion as the links would appear to be in-service when the card is not.

Table RN-11. Eagle EMS 44.0 Known PRs (11/7/12)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
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.
130492	Y	3	Resolved	Defer	Support long retrieval time from EAGLE (ex: Retrieve Seculog)	Retrival of seculog thru the EMS is unsuccessful. PTC does no manual management of their seculog and relies upon the CMI to pull the seculog from the Eagle to the PC. They have alarms turned off and allow the seculog to wrap.
130797		3	Resolved	Defer	EMS - Script execution successful with CLLI mismatch	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.
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.
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.
131487		3	Resolved	Defer	EMS: Help link not working.	None.
136240		3	Resolved	No-Fix	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.
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.
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.

Table RN-11. Eagle EMS 44.0 Known PRs (11/7/12) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
163059	Y	3	Resolved	Defer	Coconut Alarm put in Maintenance Mode Clears All EV Alarms	The Coconut scrpits are working for the cusotmer. This PR is to ensure the
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.
197969		3	Resolved	No-Fix	CMIPE: Need new Tekelec logo on CMI GUI	No impact to customers - Display only
206895	Y	3	Resolved	Defer	MeasOAM cleanup script is not properly functioning.	Database will grow without bounds
211464		3	Resolved	No-Fix	Unable to open firefox with inventory information on clicking "View Inventory Info" button in FMS	This issue has been observed only on T3-1 EMS server. Firefox browser window does not pop up on clicking "View Inventory Info" button in FMS. To open firefox browser use command line by command "firefox &".
213982	Y	3	Resolved	Defer	CMI Password restrictions are not enforced for the Admin account.	No system impact. Admin not able to use special chars when creating passwords.
215366	Y	3	Resolved	Defer	CMI does not log out of STPs when navigating to other pages	Customer is not able to issue commands until the timeout expires on the ports
215626		3	Resolved	No-Fix	EMS : Multiple login failures in CMI script execution.	In case of a login failure on Eagle, user should try to login again and should be able to login successfully in the next attempt.
215627		3	Resolved	No-Fix	EMS : At times CMI script execution is not displayed on CMI.	In case of concurrent CMI script executions from different users and different browsers, at times, CMI script output stops getting displayed on screen. However, the scripts work fine and the results are successfully logged into a result file. In case, the CMI screen display is stuck, the script results can be seen by using the 'View Result' link for the script on the 'Script Management' page.
219965		3	Resolved	No-Fix	EMS:Issues with mediateCSV.pl	Manageable impact. Cannot use variable remote path for Measurement Files FTP.

Upgrade Paths

RN-54

This section identifies the upgrade paths for Eagle 44.0, Eagle EMS 44.0 and FTRA 4.4.

Figure RN-1 on page 55 illustrates the upgrade paths to Eagle 44.0.

Figure RN-2 on page 56 illustrates the upgrade paths to Eagle EMS 44.0.

Figure RN-3 on page 57 illustrates the upgrade path to FTRA 4.4.

Figure RN-1. EAGLE 44.0 Upgrade Paths

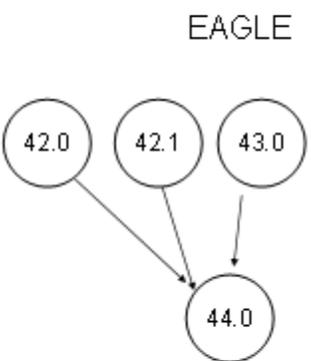


Figure RN-2. Eagle EMS 44.0 Upgrade Paths

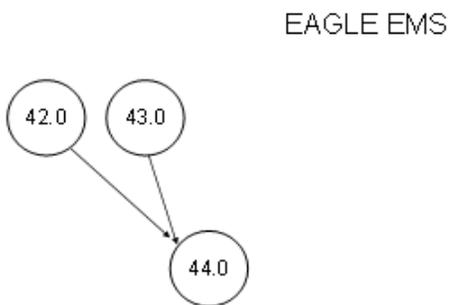
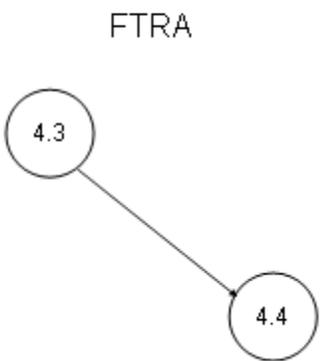


Figure RN-3. FTRA Upgrade Path



Product Compatibility

Table RN-12 on page RN-59 shows the EAGLE load line-up with other related Tekelec products.

Table RN-13 on page RN-61 shows EAGLE 44.0 compatibility with other related Tekelec products.

Table RN-14 on page RN-63 shows Eagle EMS 44.0 compatibility with EAGLE releases

Table RN-15 on page RN-64 shows FTRA 4.4 compatibility with EAGLE releases.

Table RN-12. Eagle Software Load Line-up

EAGLE Release	41.0	41.1	42.0	43.0	44.0
ELAP 7	SP ⁶	SP ⁶	SP	SP	SP
ELAP 8	RM	RM	SP	SP	SP ⁸
ELAP 9	SP	SP	RM	RM	RM
EPAP 10	SP ⁵	SP ⁵	SP ⁵	NS	NS
EPAP 11	SP ⁵	SP ⁵	SP ⁵	NS	NS
EPAP 12	SP	SP	SP	SP	SP
EPAP 12.1	RM	SP	SP	SP	SP
EPAP 13	SP	RM	RM	RM	SP
EPAP 14	SP	SP	SP	RM	RM
LSMS 10	SP ⁶	SP ⁶	NS	NS	NS
LSMS 11	RM	RM	SP	SP	SP
LSMS 11.1	SP	SP	SP	SP	SP
LSMS 12	SP	SP	RM	RM	RM
EMS 41.0	RM	NS	NS	NS	NS
EMS 41.1	NS	RM	NS	NS	NS
EMS 42.0	NS	NS	RM	NS	NS
EMS 43.0	NS	NS	NS	RM	NS
EMS 44.0	NS	NS	NS	NS	RM

EAGLE Release	41.0	41.1	42.0	43.0	44.0
PIC 4.1.1 (ICP/IXP)	RM	SP ²	SP	SP	SP
PIC 6.6.0 (IXP Only)	SP	RM ³	SP	SP	SP
PIC 6.6.3 (IXP Only)	SP	RM ³	SP	SP	SP
PIC 6.6.4 (IXP Only)	SP	RM ³	SP	SP	SP
PIC 7.0 (IXP Only)	SP	SP	RM ⁴	SP	SP
PIC 7.1 (IXP Only)	SP	SP	SP	RM	RM
FTRA 4.0	SP	SP	NS	NS	NS
FTRA 4.1	SP ⁷	SP	SP	SP	SP
FRTA 4.2	RM	RM	SP	SP	SP
FTRA 4.3	SP	SP	RM	RM	RM
FTRA 4.4	SP	SP	SP	SP	RM

RM - Recommended

SP - Supported - Issue resolution may require an upgrade

NS - Not Supported - Product combinations are not compatible

1 Minimum Eagle and IAS release (6.x) with Fast Copy

2 Refer to TSB TN00326

3 Minimum Eagle and IAS release to support linkset synchronization

4 Minimum Eagle and IAS release to support Fast Copy on IPGW

5 Capacity limited to 96M

6 Capacity limited to 192M (SM4G) or 228M (DSM)

7 E5-OAM cards not supported

8 ELAP 8.x.x is supported only with Eagle releases 44.0.0-44.0.3. ELAP 8.x.x is not supported with Eagle 44.0.4 and later 44.0.x releases

Table RN-13. Eagle 44.0 Compatibility with Other Related Tekelec Products

Product	Release	Compatibility
ELAP	6.1	NC
	7.0	PC*
	8.0	NC
	9.0	FC
EPAP	11.0	NC
	12.0	NC
	12.1	NC
	13.0	FC
	14.0	FC
	LSMS	10.0
	11.0	NC
	11.1	PC
	12.0	FC
PIC	Refer to Table RN-11 on page RN-58	
FTRA	4.0	NC
	4.1	NC
	4.2	NC
	4.3	PC
	4.4	FC
EAGLE EMS	Netboss HSA 6.x, 7.x	NC
	EAGLE EMS 40.x	NC
	EAGLE EMS 41.x	NC

Product	Release	Compatibility
	EAGLE EMS 42.0	PC
	EAGLE EMS 43.0	PC
	EAGLE EMS 44.0	FC
SCS	8.4	FC
	8.5	FC
	8.6	FC
ECAP	1.0	NC
	40.1	NC
	41.1	FC

FC - Fully Compatible

PC - Partially Compatible-Product combinations are functional but have not undergone complete regression testing. Some feature capabilities may not be fully functional or supported.

NC - Not Compatible

N/A - Not Applicable

* XML Customer only

Table RN-14. Eagle EMS 44.0 Compatibility with EAGLE Release

Product	Release	Compatibility
EAGLE	42.0	NC
	42.1	NC
	43.0	NC
	44.0	FC

Table RN-15. FTRA 4.4 Compatibility with EAGLE Releases

Product	Release	Compatibility
Eagle	42.0	NC
	42.1	NC
	43.0	NC
	44.0	FC