Tekelec EAGLE® 5

Tekelec

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6,990,347; 6,993,038; 7,002,988; 7,031,340; 7,035,239; 7,043,000; 7,043,001; 7,043,002; 7,046,667; 7,050,456; 7,050,562; 7,054,422; 7,068,773; 7,072,678; 7,075,331; 7,079,524; 7,088,728; 7,092,505; 7,108,468; 7,110,780;7,113,581; 7,113,781; 7,117,411; 7,123,710; 7,127,057; 7,133,420; 7,136,477; 7,139,388; 7,145,875; 7,146,181; 7,155,206; 7,155,243; 7,155,505; 7,155,512; 7,181,194; 7,190,702; 7,190,772; 7,190,959; 7,197,036; 7,219,264; 7,222,192; 7,242,695; 7,254,391; 7,260,086; 7,286,516; 7,286,839; 7,295,579; 7,304,957; 7,318,091; 7,319,857; 7,327,670; 7,366,530; 7,372,953; 7,383,298; 7,401,360; 7,403,523; 7,403,537; 7,406,159; 7,439,854; 7,466,807; 7,466,815; 7,468,988; 7,502,611; 7,522,580; 7,525,997; 7,532,647; 7,554,974; 7,564,870; 7,573,905; 7,580,517; 7,606,202; 7,616,659; 7,630,211; 7,631,093; 7,633,872; 7,633,969; 7,644,215; 7,650,367; 7,675,905; 7,680,928; 7,693,066; 7,693,068; 7,701,925; 7,702,963; 7,706,343; 7,716,175; 7,720,463; 7,738,488; 7,738,489; 7,738,648; 7,742,421; 7,743,131; 7,751,836; 7,760,706; 7,760,708;

Foreign Patent Numbers:

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

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Introduction

This *EAGLE 5 Integrated Signaling System (ISS) 41.0 Release Notice* is updated to include Resolved PRs for EAGLE 41.0.4, Build 41.0.4-62.34.49. This Release Notice includes EAGLE 41.0.3, Build 41.0.3-62.34.48; EAGLE 41.0.2, Build 41.0.2-62.34.46; EAGLE 41.0.1, Build 41.0.1-62.34.44; EAGLE Release 41.0, Build 41.0.0-62.34.41; EPAP 12.1.2, Build 12.1.2-120.17.0; EPAP 12.1.1, Build 12.1.1-120.15.0; FTRA 4.2, Build 4.2.0-40.16.0; and EAGLE EMS 41.0, Build 41.0.0-120.10.0.

The *EAGLE 5 ISS 41.0 Release Notice* includes:

*   Resolved PRs for EAGLE 5 ISS 41.0, 41.0.1, 41.0.2, 41.0.3, and 41.0.4

*   Resolved PRs for EPAP 12.1.1 and 12.1.2

*   Resolved PRs for FTRA 4.2.0

*   Resolved PRs for EAGLE EMS 41.0

*   Generic Program Loads for EAGLE 5 ISS 41.0.0, 41.0.1, 41.0.2, 41.0.3, and 41.0.4

*   Known PRs for EAGLE 5 ISS 41.0

*   Known PRs for EPAP 12.1

*   Known PRs for FTRA 4.2.0

*   Known PRs for EAGLE EMS 41.0

Release Notices are distributed to customers with a new software release at the time of General Availability (GA) or Limited Availability (LA). EPAP 12.1.2 is a GA Release. EAGLE 5 ISS Release 41.0.4 is a GA release. EAGLE 5 ISS Release 41.0.3 is an LA release. EAGLE 5 ISS Release 41.0 is a GA release.

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 **Go.**

Or, if you do not have access to the Customer Support site, click **Need an Account?**

Follow the instructions on the screen.

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

3 After successful login, select a product from the Product Support drop-down menu (for example, EAGLE 5 ISS shows all EAGLE products after release 34.0).

4 Select a release number from the Product Support Release drop-down menu.

5 Locate the appropriate documentation section (i.e., a Feature or Release Notice would be under **Notices,** and user documentation would be under **Manuals**).

6 To open the documentation in the same window, double-click the document name. To open the documentation in a new window, right-click the document name and select **Open in New Window**.

7 To download the document, right-click the document name and select **Save Target As.**

Pocket Guide Availability

Pocket Guides are available for this release.

Part Number	Synopsis
936-0218-401	Pocket Guide Set of 4 includes the *Commands Pocket Guide,* the *Commands Quick Reference Guide,* the *UAM/UIM Pocket Guide,* and the *UAM Emergency Pocket Guide.*
910-5575-001	The *Commands Pocket Guide* is an abridged version of the Commands Manual and contains all commands and parameters, and shows the command-parameter syntax.
910-5576-001	The *Commands Quick Reference Guide* contains an alphabetical listing of the commands and parameters. This guide is sized to fit in a shirt pocket.
910-5590-001	The *UAM/UIM Pocket Guide* is a valuable quick reference to unsolicited information and alarm messages, and their troubleshooting procedures for the EAGLE 5 ISS.
910-5588-001	The *UAM Emergency Pocket Guide* is a valuable quick reference to critical and major alarm messages, and their troubleshooting procedures for the EAGLE 5 ISS.

Pocket Guides are available only in print and must be ordered through your Tekelec Sales Representative.

Generic Program Loads

Table RN-1 on page RN-5 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 41.0.4-62.34.49, 41.0.3-62.34.48, 41.0.2-62.34.46, 41.0.162.34.44, and 41.0.0-62.34.41

GPL SYSTEM NAME	VERSION Build 41.0.4-62.34.49	VERSION Build 41.0.3-62.34.48	VERSION Build 41.0.2-62.34.46	VERSION Build 41.0.1-62.34.44	VERSION Build 41.0.0-62.34.41
Date Available	1/14/11	6/4/10	12/9/09	09/3/09	06/26/09
ATMANSI	132.34.49	132.34.45	132.34.45	132.34.42	132.31.0
ATMHC	132.34.49	132.34.45	132.34.45	132.34.42	132.31.0
ATMITU	132.34.49	132.34.45	132.34.45	132.34.42	132.31.0
BLBEPM	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLBIOS	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLBSMG	132.20.0	132.20.0	132.20.0	132.20.0	132.20.0
BLCPLD	132.20.0	132.20.0	132.20.0	132.20.0	132.20.0
BLDIAG	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0
BLDIAG6	132.24.0	132.24.0	132.24.0	132.24.0	132.24.0
BLMCAP	132.34.46	132.34.46	132.34.46	132.34.42	132.30.0
BLROM1	132.1.0	132.1.0	132.1.0	132.1.0	132.1.0
BLVXW	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0
BLVXW6	132.34.46	132.34.46	132.34.46	132.30.0	132.30.0
BPDCM	132.30.0	132.30.0	132.30.0	132.30.0	132.30.0
BPDCM2	132.30.0	132.30.0	132.30.0	132.30.0	132.30.0
BPHCAP	132.22.0	132.22.0	132.22.0	132.22.0	132.22.0
BPHCAPT	132.22.0	132.22.0	132.22.0	132.22.0	132.22.0
BPHMUX	132.8.0	132.8.0	132.8.0	132.8.0	132.8.0

Table RN-1. GPLs - Builds 41.0.4-62.34.49, 41.0.3-62.34.48, 41.0.2-62.34.46, 41.0.162.34.44, and 41.0.0-62.34.41

GPL SYSTEM NAME	VERSION Build 41.0.4-62.34.49	VERSION Build 41.0.3-62.34.48	VERSION Build 41.0.2-62.34.46	VERSION Build 41.0.1-62.34.44	VERSION Build 41.0.0-62.34.41
Date Available	**1/14/11**	**6/4/10**	**12/9/09**	**09/3/09**	**06/26/09**
BPMPL	132.22.0	132.22.0	132.22.0	132.22.0	132.22.0
BPMPLT	132.22.0	132.22.0	132.22.0	132.22.0	132.22.0
CDU	**162.34.49**	162.34.45	**162.34.45**	**162.34.42**	162.31.0
EOAM	**132.34.49**	**132.34.47**	**132.34.45**	**132.34.43**	132.34.0
EROUTE	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
ERTHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
GLS	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
GLSHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
HIPR	132.46.0	132.46.0	132.46.0	**132.46.0**	132.20.0
IMT	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IMTPCI	132.35.0	132.35.0	132.35.0	**132.35.0**	132.22.0
IPGHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IPGWI	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IPLHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IPLIM	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IPLIMI	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IPS	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.33.0
IPSG	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
IPSHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.33.0
MCP	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
MPLG	**162.34.49**	162.34.45	**162.34.45**	**162.34.42**	162.31.0
OAMHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.43**	132.34.0

Table RN-1.   GPLs - Builds 41.0.4-62.34.49, 41.0.3-62.34.48, 41.0.2-62.34.46, 41.0.162.34.44, and 41.0.0-62.34.41

GPL SYSTEM NAME	VERSION Build 41.0.4-62.34.49	VERSION Build 41.0.3-62.34.48	VERSION Build 41.0.2-62.34.46	VERSION Build 41.0.1-62.34.44	VERSION Build 41.0.0-62.34.41
Date Available	**1/14/11**	**6/4/10**	**12/9/09**	**09/3/09**	**06/26/09**
PKTGEN	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
PLDPMC1	132.19.0	132.19.0	132.19.0	132.19.0	132.19.0
SCCPHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.34.41
SLANHC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
SS7EPM	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0
SS7HC	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
SS7IPGW	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
SS7ML	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0
VCDU	**162.34.49**	162.34.45	**162.34.45**	**162.34.42**	162.31.0
VSCCP	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.34.41
VXWSLAN	**132.34.49**	132.34.45	**132.34.45**	**132.34.42**	132.31.0

Resolved PRs

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

Table RN-2 on page RN-9 lists resolved PRs for EAGLE 5 ISS 41.0.4.

Table RN-3 on page RN-10 lists resolved PRs for EAGLE 5 ISS 41.0.3.

Table RN-4 on page RN-11 lists resolved PRs for EAGLE 5 ISS 41.0.2.

Table RN-5 on page RN-12 lists resolved PRs for EAGLE 5 ISS 41.0.1.

Table RN-6 on page RN-13 lists resolved PRs for EAGLE 5 ISS 41.0.0.

Table RN-7 on page RN-20 lists resolved PRs for EAGLE EMS 41.0.0.

Table RN-8 on page RN-22 lists resolved PRs for EPAP 12.1.2.

Table RN-9 on page RN-23 lists resolved PRs for EPAP 12.1.1.

Table RN-10 on page RN-24 lists resolved PRs for FTRA 4.2.0.

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

Table RN-2. EAGLE 5 ISS 41.0.4 Resolved PRs for Build 41.0.4-62.34.49 (1/14/11)

PR #	CSR?	Sev	Title	Customer Impact
160265	Y	2	IDP queries managed by INPQ leads DSM to reboot if conditioned CDPN has a length larger than 21 digits	DSM Reboot occurs when EAGLE receives an IDP message handled by INPQ feature if Number obtained after number conditioning on CDPN is more than 21 digits in length. If conditioned number has less than 21 digits then IDPR successfully processes the message.
195046	Y	3	IDPR - DSM4G card reboots if Conditioned Digits length is greater than 21 and service actions is 'ccncchk'	Reboot occurs only when EAGLE receives an IDPR message and Number obtained after number conditioning on CDPN is more than 21 digits in length and service action provisioned is ccncchk. If conditioned number has less than 21 digits then IDPR successfully processes the message. This impacts the processing of IDPR traffic with CDPN such that conditioned digits >21. This issue exists on DSM card only. E5-SM4G does not reboot.

Table RN-3. EAGLE 5 ISS 41.0.3 Resolved PRs for Build 41.0.3-62.34.48 (6/4/10)

PR #	CSR?	Sev	Title	Customer Impact
165109	Y	3	CSV output has ATM port hardcoded to A	The customer will have to use regular EAGLE terminal rtrv-slk to sse the correct port for ATM cards using the B

Table RN-4.   EAGLE 5 ISS 41.0.2 Resolved PRs for Build 41.0.2-62.34.46 (12/9/09)

PR #	CSR?	Sev	Title	Customer Impact
158367	Y	2	ent-csl command causes Eagle card database to go inconsistent	Customer system that is provisioned with CSL entries > 10 digits of DS and the first 10 digits are the same will experience these issues: 1. if chg-csl on these DS with a diffent P1/P2/P3, P1/P2/P3 can potentially be updated on a different entry that has the same 10 digits as the changed ones. For example: if issue command chg-csl:pn=893016001:list=gt:ds=20122072409:p1=1 and p1 can potentially apply to 20122072408 if it exists in the csl table. Affected lists are: idpr GT and IAR GT. 2. if dlt-csl of an entry with >10 digits of DS and re-enter the deleted DS, the card may fail RADB update and go incoherent. Affected lists are: IDPR GT, IDPS INSL, VFLEX VMPFX, and IAR GT. Work around for above two scenario: Boot affected cards.
158613	Y	2	SM4G cards occasionally booting	SM4G SCCP cards occasionally boot on Eagle systems.
156845	Y	3	EXHR: Invalid Routing Context coming to the Eagle from EXHR	The far end will occasionally receive a network management message that it doesn't understand - that is, it receives a routing context value when it didn't expect one and thus reject the message. Since this occurred during destination auditing, and the far end would auditing only if it had marked a destination unavailable, its status would not be updated. However, a successive poll would return the correct response permitting the far end to update its status.
157504	Y	3	CHG-TRM:TRM=XX:TYPE=OAP from TYPE=NONE causes the Active MASP to boot	When customer attempts to change terminal type the active MASP will boot. To avoid this do not change the lower number OAP terminal. The chg-trm would be either the removal of the lower OAP terminal or the introduction of an OAP terminal with a lower number.
157613	Y	3	Time and DATE must be set after HC2 and upgrade to 40.1 or greater	When customers run procedure 19 to put the system into Phase 0 to verify the source DB and to enter the SAK, the system time and date changed.

Table RN-5.   EAGLE 5 ISS 41.0.1 Resolved PRs for Build 41.0.1-62.34.44 (09/3/09)

PR #	CSR?	Sev	Title	Customer Impact
141441		2	IMTPCI FPGA corrupts TVG group number	The card will start failing TVG requests due to the corruption. This will be reported on the card as an error.
153606	Y	2	E5-ATM Obits from t4b_bm.c after ent/dlt-slk is entered second time for a port	Once both the ports on E5-ATM card are configured, deleting and reconfiguring a link on any of the ports will result in the card booting.
154579	Y	2	Module t4b_bm.c Line 367 Class 01c4	Customer sending DAUD msgs with network appearance and other parameter validation errors may experience card obits. This occurs due to buffer leak in error processing for DAUD msg and doesn't affect the normal case processing for DAUD msgs. A workaround exists for this issue. Customer can provision the network appearance or other values to prevent the errors in received DAUD msgs.
136067	Y	3	VxWorks file descriptor corruption on MCPM board	The FTP failure prevents the transfer of measurements data to the FTP server. The work-around for this problem is to boot the primary MCP to force a role change. This will clear the FTP transfer failure.
140169	Y	3	Remove feature specific checks in the CSV code of rtrv-ls command	There is no system impact. This PR will simplify the CSV output used by FTRA, by making the output independent of feature activation.
152669		3	E5 OAM reporting Fan Failure while fans are operational	
152851		3	canc-alm-trns causes MDAL Not Responding Alarms	
154058		3	imtVx: Card Detect mechanism fails to detect Card failure after the first time	
155135	Y	3	rtrv-slk CSV is missing ANAME parameter	Support for this parameter was not provided to command rtrv-slk's CSVGen output when the parameter was originally added in rtrv-slk. So prior to this fix the parameter would not be in the CSV file.
155136	Y	3	rtrv-appl-rtkey CSV missing CICS, CICE, and SSN fields. CSV file is also oddly named.	These parameter options are currently displayed only when the display=all option is used. As this option is not available through FTRA these parameters will not be in the CSV file.
155137	Y	3	ANAME lable is missing from rtrv-assoc:display=all or rtrv-assoc:aname	The parameter is missing from both the UI and the CSV file.
155138	Y	3	rtrv-dstn CSV output contains blank lines	There is an extra line in the output. Visually, the file size will be double but the actual disk space required will only increase marginally, by one carriage return and one line feed character pair per additional display line.

Table RN-5. EAGLE 5 ISS 41.0.1 Resolved PRs for Build 41.0.1-62.34.44 (09/3/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
155140	Y	3	rtrv-assoc CSV is missing rtimes, rmin, rmax, and bufsize - should contain all provisionable output	Without display=all the CSV file will be missng this data. As FTRA was not made with display option support, the CSV will not have all the provisioned data.
156525		3	FTRA: SLKTPS is not getting displayed for IPSG links and incorrect values of PCRN1 & PCRN2 are displayed in rtrv-slk CSV	
156526		3	FTRA: RCONTEXT and PCTYPE are not getting displayed for TYPE=DEFAULT in rtrv-appl-rtkey CSV	
156532		3	FTRA: For non-ipgw Linksets SLKTPS is shown under IPTPS column in the rtrv-ls CSV.	
156688		3	rtrv-dstn CSV output contains extra parameter RSN in data header	
156691		3	PPC entries gets reset when upgraded from 38.0/39.0/40.0 to 41.0	
140341		5	FTRA 4.2: For "RTRV-MAP" command, feature specific checks should also be removed in CSVGEN(x)	
140952	Y	5	FTRA 4.2: CSV file is not getting generated for "rtrv-map" table with FLOBR,TOBR,VGTT with 16 digits,OBSR features are enabled.	

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09)

PR #	CSR?	Sev	Title	Customer Impact
139296		2	TM: Obit on Module tks_dp.c when running tst-msg	The OAM boot is the only impact.
139442		2	TM: Failure reading TSTMSG Table	The traffic is not affected. However, OAM goes into incoherent and needs repair to fix it. this can be avoided by not issues commands at the same time tst-msg is being used.
139613	Y	2	Module TS4_ISR.C Line 286 Class 6004 on E1 cards processing XUDT traffic with invalid option portion length	When a card boots, the associated signaling links on the card go to a Out of Service state. In normal conditions, it should not affect the traffic because the signaling links on the mate should carry the traffic.

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
140033		2	CSL TIF:NPFLGRST List Size Increase Causes Data Corruption	The rtrv-csl command is issued when more than 250 list entries have been created may corrupt data.
140771		2	Card reboots 1201 configured as ST-HSL-A with PCR	Cards with PCR links that are running the SS7HC GPL (HC-MIM and E5-E1/T1) may experience single or continuous reboots when PCR N1 values are low. The N1 values of 1 or 2 on cards configured for channelized operation (low speed links) and N1 values from 1 to 11 on SE-HSL-A links are the ranges at risk. The opportunity for failure on the low speed links is much lower than ST-HSL-A links. We have NOT been able to trigger the failure on cards configured for channelized operation (low speed links), but in theory the problem can occur for the low speed links.
140888		2	Severe SCCP Perfomance degradation with FLBOR, TOBR, VGTT16 and full dBases	In extreme conditions the SCCP cards only support 3600 TPS.
140968		2	RTRV-GTA Command Hangs Terminal and Prevents Subsequent Database Administration	On systems with large global title databses, RTRV-GTT/GTA causes the system to hang and eventually lead to the boot of MASP.
141059		2	Leagacy EOAM card booted with tsi_sbfr.c OBIT while provisioning 2000 links	The OAM would boot. There are no other advesre affects.
141318		2	INIT-CARD:PRTNGRP=INACTIVE:LOC=1113 does not load target release for remote upgrade on legacy OAM	Will not be able to boot into upgrade mode with the INIT-CARD command using legacy OAM during a remote incremental upgrade.
153294	Y	2	Card 3211 Module t4b_sbfr.c Line 1948 Class 00cc	This issue can cause SCCP card to reboot when GTT traffic is going on and translated DPC goes OOS/ Congested/ unknown. This issue does not occur normally. It occurs only in a transient condition period when DPC goes OOS/ Congested/ unknown and status has been updated on MTP cards but has not updated on SCCP cards.
53231		3	IPSM public key retention and UIM not implemented.	
104625		3	misleading output on copy-gpl from mo to standby	
109886		3	SCTP Init Issues10-Telcordia-1)	
118362		3	Misspelled parameter for command rtrv-l3t	
119513		3	SUA DUAD - Telcordia - UIM 1333 has an error output message	
119563		3	rept-stat-card:appl=sccphc does not display E5-SM4G cards rept-stat-card:appl=vsccp does show sccphc cards	

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
123146		3	EOAM needs to begin restricting RTX OPC provisioning to prevent CRD issues	
124395		3	Module idle_tsk.c trouble seen after executing an INIT-NETWORK:FORCE=YES	
124717		3	SOIP - eagle is incorrectly reporting the gateway activity to SEAS when thresholds are exceeded	
129420		3	Incorrect byte order for Network Appearance in MSUTRACE display	
129603		3	Incorrect SLK port id in Invalid Routing Context UIM	
129871		3	IPSG/IPGWx: NA value in err message invalid when network type mismatch	
130446		3	Typo in UA RCVD MSG DISCARDED UIM - SLK OOS-MT-DSLBDD	
130976		3	IPSG: EMP reports "IPConnAva/IPConnUnava" on wrong port	
131904		3	Enumerated variable type md_sut defined in multiple modules.	
132097		3	IPSG - ASP-UP msg received in ASP-Active state is not processed properly	
132280		3	Documentation needs updated hardware incompatibility messages for Eagle 39.0	
132775		3	Command reject E4784 and UIM 1383 description not present in R38 documentation	
133274		3	MLSS: Eagle allows DLT-SS-APPL leaving GTT entry hanging	
133649		3	Module ecd_sccp.c Line 1894 Sev1 ATH output along with UIM # 1231.	
134378		3	REPT-STAT-IPTPS slow when updating status after links are deactivated	
135154		3	LRNQT: ent trace command output displays wrong SSN value for LRNQT message with invalid message class.	

Table RN-6.   EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
135195		3	LNP processing time not calculated properly	
135352		3	IPSG - debug ATH output when executing OPEN=NO for an IPSG assoc (Non graceful shutdown)	
135353		3	IPSG - connection manager pass command displays "Command Rejected: E5000 - undefined msg#" and completes command	
135477		3	LRNQT:Sev1 mc60_lnp observed on EDSM card running MCP application	
135714		3	Rel 40.0_NPP:Severity 1 ATH observed for tst-isup-msg and tst-ttr-msg	
135818		3	RTRV-GWS-REDIRECT formating of data is not aligned.	
135981		3	IPSG :Transmit data count wrongly updated for DAVA messages	
136171		3	Sysstat command Support for OAMHC missing as per new framework	
136457		3	ent-trace does not work correctly for enhanced MSUs	
137116	Y	3	MAPSET can be deleted from MAP table while still having a GTA record (XLAT=DPC RI=SSN) with this MAPSET	Lack of information from the documentation could lead the MAPSET to be mis-configuration when related GTA has its XLAT=DPC.
137217	Y	3	E2048 Cmd Rej: Unneeded information found	chg-assoc command information is misleading, lhost parameter is not mandatory.
137337		3	R41_VGTT16:TYPEI parameter is accepting values other than numeric digits i.e typei=23kajs in ent-tt,rtrv-tt,ent-gtt commands.	
137618		3	ENT-ASSOC command allows assoc to be made on IPS card	
137805		3	Module ftpt_mgr.c Severity 1 seen during SW Release download (getrel)	
137980		3	Meas LNP poll prep needs reliable LNP data source	

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
138150		3	MOSMSNPP: CGPNASDRQD/CGPNGRNRQD Service Actions: difference in OUTPUT for TST-MSG and actual MSU	
138152		3	MOSMSNPP: TST-MSG output shows the TCAP NAI of the Calling Party digits (CGPN) getting modified.	
138226		3	MOSMSNPP: UIM 1376 is not observed when subscriber is marked as Prepaid and also Ported Out	
138232	Y	3	UAM 0300 needs to be updated to new output and additional information.	The + sign means more than one service is denied. The cusotmer will not realize this as it is not in the customer documentation. The custoemr will need to do reprt-stat-card:mode=full. Will only know that by calling TAC or reading this information.
138289	Y	3	Update Commands Man. for using hyphens in hostname for ent-ip-host command	Customer is confused when attempting to use the "-" (dash) for creating host name in the ENT-IP-HOST command. Normally "" should not be used in regular EAGLE commands. Customer Documentation needs to be updated to reflect accepted characters.
138381		3	MOSMSNPP:Changing the DEFMAPVR parameter value in GSMOPTS Table is dependent on GPORT or IGM feature.	
138419		3	LRN and NPANXX entities missing in OAM LNP measurement reports	
138521		3	slanlsn paramter should not be feature-bit/FAK controled for rtrv-ss7opts output	
138538		3	wrong paramater "digits" defined "tst-npp-msg" command in documentation of release 39.2	
138609	Y	3	R41: Encoding scheme is not auto calculated for MGTT when sending message from ANSI (GTI=2) to ITU (GTI=4).	When the MSU crosses domains from ANSI to ITU, the Encoding Scheme would be unknown at the receipient end when the GTI value is 4. This could lead to loss of traffic.
138625	Y	3	Point code for incorrect in SEAS LRN error message	Customer can not use SEAS to identify point code incorrectly set in MSU. They will need to look at the UIM on the VT320 or KSR terminal.
138825		3	IPSG: EAGLE not responding with Managment Blocking Error (0xd) when an ASP Active msg is received in the ASP-Pending State	
138931		3	REPT-STAT-IPTPS PEAKRESET not working	

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
139027		3	Alarm Status text shows 29 29 "Unused trouble text entry" for rept-stat-rtd after MSU checksum error	
139094		3	Half hourly Measurement report does not display full report for link components on the Eagle terminal	
139118		3	Rel 40.1_Fast Copy: Service Reject Message not generated when "RECONNECT" is set in SAM	
139149		3	MOSMSNPP: Incorrect 'E4891 Cmd Rej: Rule does not exist' and subsequent 'Module npp_dat.c Line 566 Severity 1'	
139247		3	MOSMSNPP: auto-provisioned AS with uppercase letters will not display with 'rtrv-npp-as:asn=<specific>'	
139259		3	mdth_mcp.c Line 1375 Class 01c3 Severity 1 seen after Measurement SS went into service	
139500		3	TPS fluctuations in rept-stat-iptps	
139692		3	EIS-Monitoring: Eagle will encode the Near End Point Code (NEPC) incorrectly in SRM/PIM message with MLS feature ON	
139715		3	Booting IPSM card after successful getrel command causes remote upgrade to fail	
140452		3	E5OAM Card OBIT on restart.c	
140479	Y	3	Cable pull removes the dynamic route for SCTP	Loss of primary path for unihomed/multihomed associations on system for which a default router is configured on IP card (via command chg-ip-card) and a single static IP route for the secondary path is configured (for multihomed association). However for multihomed association there should not be any traffic impact as the secondary path should handle the traffic over the primary path. Unihomed associations with such configurations will be marked as link out of service. -Multihomed associations with 2 static IP routes configured for each path (primary/secondary) are not affected. -Single homed associations with a static IP route configured to the gateway are not affected.
141110		3	Wrong Link- Installation Manual	
141200		3	Missing E-Net Card	

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
141201		3	"Network" misspelled	
152328		3	GPLA_OAMHC.C line 170 output from E5OAM during upgrade.	
152744		3	GET REL command fails on E5-OAM while getting release for new GPL HIPR2	
84148		5	Total # of B-Trees are limited to 55,220 on any card on Eagle	
113112		5	6-Way Loadsharing on Routesets	
113121		5	TCAP Segmented SMS Support Phase 2	
114146		5	Synchronous T1 High Speed Link (on E5-E1T1 card)	
114149		5	TCAP Opcode Based Routing	
118109		5	Support provisioning of SCTP ARHOST	
123140		5	Support for IPSG M3UA and SCTP Graceful Shutdown	
123320	Y	5	UIM 1150 - Link Inhibit Denied should specify if it was locally or remotely denied with reason of deny	
127100		5	Support for 16 GTT Lengths in VGTT	
127946		5	FTRA Enhancements (SIGTRAN)	
131545		5	Eagle DDB Infrastructure Improvement	
132578		5	Maintenance Phase for 2-Port LIM, ACM, TSM for SCCP functionality	
134355		5	Enhancement to support 8 bits in incoming SLS bit rotation feature for ANSI links	
135326		5	Expand TST-E1 parameters to support both line and payload loopbacks	
135372		5	TIF Enhancements including IAM/SAM Splitting based on DPC	
136005		5	RTRV-TBL-CAPACITY is missing IP HOST Table information	

Table RN-6. EAGLE 5 ISS 41.0.0 Resolved PRs for Build 41.0.0-62.34.41 (06/26/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
137234		5	Supporting ITU on MPL Card in debug mode	
137924		5	FLOBR - UIM outputs do not show GTTSN name, only a number	
138464		5	Unchannelized T1 support needed for E1/T1 PMC	
139440		5	rtrv-tifopts displays nspublic and nsaddldata based upon FAK status	
139496		5	Enhance flushing MSUs UIM #1394 to include destination card addresses	
139717		5	rtrv-gtt/gta supports max of 1 million entries ouput	
139720		5	G-Port manual enhancements	

Table RN-7. EAGLE EMS 41.0.0 Resolved PRs for Build 41.0.0-120.10.0 (09/10/09)

PR #	CSR?	Sev	Title	Customer Impact
130800		3	EMS - Incorrect Date Display on CMI pages	
131663		3	EMS - Wrong path in document for "write_results" function AR 1445298	
137668		3	EMS : Incorrect shelf level graphics on FMS.	
130356		5	EAGLE EMS SNMP Northbound Interface (Set variable for resync)	
133544		5	EAGLE EMS CMI Phase 2 Improvements - User Logging	
134237		5	EAGLE EMS CMI Phase 2 Improvements - NE Domain Support for User Groups	
134238		5	Eagle EMS R41.0 must support upgrade from Eagle EMS R40 and R40.1	
134239		5	Eagle EMS R41.0 must support alarms from Eagle R41.0	

Table RN-7.   EAGLE EMS 41.0.0 Resolved PRs for Build 41.0.0-120.10.0 (09/10/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
134240		5	Eagle EMS R41.0 must support PerMon data from Eagle R41.0	
134241		5	Eagle EMS R41.0 schema loader must support command set from Eagle R41.0	
139606		5	EAGLE EMS: CMI - Constraints of the naming convention of scripts	
141091		5	Eagle EMS 41.0 ADMIN merge to propagate 40.1.0-110.4.0 to 41.0.0-12.x.0	
141141		5	Ealge EMS 41.0 Promoting package lists for EAGLE_EMS_120.1.0.0	
141232		5	EAGLE EMS: Feature Documentation	
141348		5	New Agent module SNMPNBI package	
152568		5	EMS - Inconsistency in Tool tip messages	
152606		5	EAGLE EMS 12.0 Promoting package lists for EAGLE-EMS 41.0.0-120.2.0	
152661		5	EAGLE EMS 41.0 Promoting package lists for EAGLE-EMS 41.0.0-120.3.0	
152898		5	EAGLE EMS 41.0 Promoting package lists for EAGLE-EMS 41.0.0-120.4.0	
153188		5	R41.0 HTML help files and Command Set (SQL files)	
153357		5	EAGLE EMS 41.0 Promoting package lists for EAGLE-EMS 41.0.0-120.5.0	
153365		5	EMS – User not able to login to Eagle when it is modified or removed from Probuilder	
153450		5	EAGLE EMS: CMI Legacy Script Support	
153452		5	EAGLE EMS: CMI Constraints on new scripts	
129714		5	EAGLE EMS SNMP Northbound Interface (Set variable for resync)	
153887		5	EMS: No check for same logical names	

Table RN-7. EAGLE EMS 41.0.0 Resolved PRs for Build 41.0.0-120.10.0 (09/10/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
153889		5	EMS: No verification between IP address and host	
154022		5	Eagle EMS 41.0 Promoting package lists for EAGLE_EMS 41.0.0-120.6.0	
154209		5	EAGLE EMS 41.0 Promoting package lists for EAGLE_EMS 41.0.0-120.7.0	
154319		5	EAGLE EMS 41.0 Promoting package lists for EAGLE_EMS_120.8.0.0	
155123		5	EAGLE EMS 41.0 Promoting package lists for EAGLE-EMS 41.0.0-120.9.0	

Table RN-8. EPAP 12.1.2 Resolved PRs for Build 12.1.2-120.17.0 (6/18/10)

PR #	CSR?	Sev	Title	Customer Impact
160703	Y	2	PDBA unable to update legacy RTDB clients	The EPAP 12.0 PDBA writes a default value zero to the CDBL and CGBL blacklisting parameters in TransLog when processing subscriber records. When prior-release RTDB clients go to read these from TransLog, the records are interpreted as being blacklisting-enabled. Older RTDB (EPAP 11 or older) clients are told they cannot receive these records; a note "Update DN command contains CGBL, unsupported in V3" is written to pdba.err log; and the RTDB client remains coherent but unable to accept new levels from PDBA. Only customers using the above parameters are affected.
160704		3	GUI sends st=0 by default always	
165741		3	Epap A (prov) backout from 12.1.2 to 10.0 failed	

Table RN-9. EPAP 12.1.1 Resolved PRs for Build 12.1.1-120.15.0 (06/26/09)

PR #	CSR?	Sev	Title	Customer Impact
135089	Y	3	View PDB status screen displays incorrect IMSI counts	No functional impact but "View RTDB/PDB Status" screens will not be representative of the true IMSI count.
135533	Y	3	EPAP PDBI response to rtrv_entity on a range missing srfimsi	Customer is unable to view all relevant information as there is inconsistent information in the Network Entity query. The element that has the SRF IMSI configured doesn't have this information exhibited when a query is done with the NE Range.
135534	Y	3	EPAP GUI errors inconsistent with PDBI command response for Enter & Update Network Entity	Customer may be mislead by response in GUI.
135943		3	ASD for DNs on IMSI is not being exported	
137751		3	NS target DNs removed with IMSI	
138194		3	EPAP GUI does not allow public DN to be added to IMSI after being disassociated from NSDN.	
138213		3	EPAP GUI shows default as a value for st for adding a DN and DNB.	
138823		3	TransLog::remove does not decrement the rowCounts table after successfully deleting TransLogs	
139766		3	EPAP: IMSI range retrieval corrupts NE cache after an update to the NE.	
140285		3	EPAP 12.1:2NEs+ASD update with NSDN using import incorrectly updates PDB.	
140322		3	EPAP:Standby PDB level went to zero and standby homed RTBs went inconsistent after an ent_sub sent to standby PDB.	
141317		3	EPAP PDBA core dumps due to memory leak in dlt_sub command	
114050		5	TIF Number Substitution - EPAP	
138783		5	EPAP 12.1:TIF-NS: Caption of "Change/View Prefix" should be modify for "NSDN".	

Table RN-10. FTRA 4.2.0 Resolved PRs for Build 4.2.0-40.16.0 (06/26/09)

PR #	CSR?	Sev	Title	Customer Impact
55682		2	FTRA 2.1 hangs when you init the active OAM during a download/commit.	Minimal customer impact. After booting the OAMs in the middle of an FTRA transfer, the FTRA program must be restarted to recover from the hang-up. Once restarted, a transfer can be immediately started successfully with no side effects.
116404		3	Update the rtrv-stp command report for PR 115255	
138992		3	EMS - FTRA functionality failed on E5-MASP cards	
127945		5	FTRA (Unix version) needs to rebaselined to work with Solaris 10	
127946		5	FTRA Enhancements (SIGTRAN)	
128202		5	ATI/MLSS csvgen/swap support and commands for FTRA	

Known PRs

Table RN-11 on page RN-25 lists known PRs for EAGLE 5 ISS 41.0.

Table RN-12 on page RN-66 lists known PRs for EAGLE EMS 41.0.

Table RN-13 on page RN-69 lists known PRs for EPAP 12.1.

Table RN-14 on page RN-73 lists known PRs for FTRA 4.2.0.

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

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
126194		2	ReadyToTest	Active	Telcordia - audit - NCR - Missing TFA broadcast when TFA received from adj node	Customer will experience some delay (T10) in knowing the FPC is allowed, since instead of broadcast at moment of transition, notification is performed via response-method.
126260		2	Resolved	Defer	With eiscopy=on, inh bus causes dpl_end.c Line 1645 ATH	APPL-to-IMT congestion will cause IMF discards and deactivation when an IMT bus is inhibited in large systems with significant traffic loads.
127232		2	Resolved	Defer	BPHCAP can only support 4500 Multicast's per second	If DDB updates are over 4500 per second for BP cards, then IMT could be over loaded and messages could be lost, causing DDB corruption should an IMT bus fail. BPHCAP can only support 4500 Multicasts per second.
132165		2	Resolved	Defer	HIPR- Latchup causing PKT corruption on specific slots	A HIPR could loss conection to a card. Once a slot quits working properly, the HIPR needs to be reseated (power cycled).
42959		3	Pending_Review	Monitor	Telcordia - EAGLE erroneously discards all the traffic that is held in the Changeback buffer	If a link under time-controlled changeback fails, forcing another time-controlled changeover, all traffic that has been originally buffered (during the initial changeback) may be lost. This results in a small, limited loss of traffic.
43887		3	Pending_Review	Monitor	Telcordia - Links to adjacent STP inhibited prior to isolation - one	Analysis Criteria: GR-246-CORE, T1.111.4, Section 9.5
55995		3	Pending_Review	Monitor	Telcordia - One message lost when L1/L2 fail simultaneously	Protocol Violation: Analysis Criteria: GR-246-CORE, Chapter T1.111.4, Section 5.3

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
56027		3	Pending_Review	No-Fix	Telcordia - AMR: Restart procedures are performed when an adjacent node becomes available due to link uninhibiting	Protocol Issue : Analysis Criteria: GR-246-CORE, T1.111.4, Section 9.5.
83796		3	Resolved	Defer	Telcordia - Telcordia – Missing TxR during adjacent restart before sending TRA and traffic	After Adjacent Restart completes, the adjacent node may not have the correct Point Code status and may send traffic to the EAGLE that would otherwise be send on an alternate Allowed route.
90227		3	ReadyToTest	Active	flash-card incorrect error code for HMUX/HIPR	Command should be E2212 "Card location specified is not valid for this command". The current error is "E2016 Cmd Rej: Card Location is out of range - loc".
106162		3	ReadyToTest	Active	OBSR: Wrong Error output for ent-gttsel command	None: incorrect command error is output, it is not misleading, just different from the original command spec.
106521		3	Resolved	No-Fix	Incorrect IP Address displayed in sctp pass cmd for multihomed association	This PR is duplicate of PR 129805 and the problem is fixed in PR 129805.
106578		3	ReadyToTest	Active	REl 34.3 : Severity 1 reported on IPSM card	Minimal customer impact. The trouble is generated during an init operation and there is no loss of function.
107960		3	Resolved	Defer	TELCORDIA-MOBR- Both TCRs concerning SPC (a nested cluster) and TFRs concerning SPC1 (FPC member in the nested cluster)	Duplicate network management information. All information is correct, just extra messages to be processed.
108297		3	Pending_Review	Monitor	Telcordia - 34.0 audit - NCR: Missing TFR broadcast for FPC Member When Moving from Prohibited to Restricted Status	IMPACT: This will unnecessarily delay the restoration of traffic to SPF1, until the adjacent node sends a route-set-test (RST) message.
108551		3	Pending_Review	Monitor	Telcordia - 34.0 audit - EAGLE sent duplicate messages following changeback	IMPACT: Duplicate messages will be discarded at the remote end; however require processing resources not expected during normal situations.
108552		3	Pending_Review	Monitor	Telcordia - 34.0 audit - Redundant TFA Broadcast	IMPACT: Sending unnecessary network management messages results in an inefficient use of network resources.
109130		3	Resolved	Defer	MTP3Issue16-FMR- Telcordia - FMR: TRAs are prematurely sent on the IPVHSLs during T24.	IPLIM may terminate full restart before completing broadcast, so adjacent nodes may begin to send traffic before all preventive messages are sent.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
109146		3	Pending_Review	Monitor	ITEM #4- Telcordia - : Duplicate SLTMs Sent Upon Alignment	None. The second SLTM will be discarded by the receiving node.
109352		3	Pending_Review	Monitor	SCCP_ITUN_iss1_first_msg_after_fail - Telcordia - 1. (ITUN) First Message After Failure Not Returned on Error.	First message does not get UDTS (return on error) when in congestion. Could not replicate in LAB.
109354		3	Pending_Review	Invalid	SCCP_ITUN_unequipped_user - Telcordia - ITUN) Incorrect Return Cause for Received SCCP Message for Unequipped SSN.	There is no impact to user. User is not supposed to send Rt-on-SSn queries to eagle without defining the SSN in the local subsystem. If they erroneously do, then they get a wrong cause in the UDTS Eagle generates.
109884		3	Resolved	Defer	MTP3Issue02-Telcordia- Improper incrementing of FSN during SIOS transmission	None. During changeover, the LSSU FSN was 1 greater than expected. The LFSN in the COA would simply request the missing MSU, so no traffic loss should occur.
109887		3	Resolved	Defer	SCTP Init Issues11-Telcordia- SUT sent ABORT with incorrect T bit value of 0	When the Eagle receives an SCTP INIT with an invalid destination port number, it correctly responds with an ABORT chunk, but the ABORT chunk contains a T bit value of 0, indicating that it had a TCB. This is a minor non-compliance to RFC2960.
109888		3	ReadyToTest	Active	SCTP Init Issues12-Telcordia-3) INIT with non-zero Verification Tag was accepted	Minor (and debatable) non-compliance to RFC2960. No other impact.
109889		3	Resolved	Defer	SCTP Init Issues13-Telcordia-4)_ABORT contained Verification Tag set to 0	When an INIT contained an advertised receiver window credit set to 0, the number of outbound streams set to 0, or the number of inbound streams set to 0, the Eagle correctly responded with an ABORT, but the Verifcation Tag in the ABORT was set to 0. Likewise, when an INIT ACK was received with the number of inbound streams set to 0, or the number of outbound streams set to 0, the Eagle correctly responded with an ABORT, but the Verification Tag in the ABORT was set to 0. No customer impact. Minor SCTP non-compliance.
109891		3	Resolved	Defer	SCTP Init Issues15-Telcordia- 6) ABORT was not sent for an INIT with an invalid IPV4 address parameter	When an INIT contains an invalid IPV4 address parameter, the Eagle will not send an ABORT, and continue with association establishment.
109892		3	ReadyToTest	Active	SCTP Init Issues16-Telcordia-7) ABORT was not sent for an INIT containing host name address parameter	When an INIT contained a host name address parameter, the SUT silently discarded the INIT and did not send an ABORT.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
109893		3	Pending_Review	Invalid	SCTP Init Issues17-Telcordia-8) SUT did not apply the back-off timer rule to Timer T1	When the Eagle did not receive an INIT ACK or COOKIE ACK in response to an INIT or COOKIE ECHO chunk, it did not double the value of Timer T1. SCTP RFC retransmission mode may not perform exponential backoff when retransmitting packets. Tekelec's default retransmission mode is LINEAR.
109895		3	Resolved	Defer	SCTP Init Issues19-Telcordia-10) SUT did not send an ABORT for an INIT ACK with Intiate Tag = 0	Eagle does not send an ABORT in response to an INIT ACK with Intiate Tag = 0 but rather silently discards the INIT ACK without sending an ABORT. This is a minor non-compliance to RFC2960.
109896		3	Resolved	Defer	SCTP Init Issues20-Telcordia-11) SUT sent malformed ABORT for an INIT ACK containing host name address parameter	When an SCTP INIT ACK containing a host name address parameter is recieved by the Eagle, it correctly responds with an ABORT, but the ABORT is malformed – it does not contain padding bytes and the unresolvable address contains extra bytes before the address value. This is a minor non-compliance to RFC2960.
109897		3	ReadyToTest	Active	SCTP Init Issues21-Telcordia-12) SUT sent COOKIE ACK in response to a COOKIE ECHO with an invalid Verification Tag	Eagle does not verify the correctness of all fields in SCTP messages. This has no impact when interoperating with a correct implementation and improves performance.
109898		3	Resolved	Defer	SCTP Init Issues22-Telcordia-13) SUT sent incorrect INIT in response to an ERROR chunk with a stale cookie error	Incorrect handling of stale cookie error. Does not impact our ability to align and carry traffic.
109899		3	Resolved	Defer	SCTP Init Issues23-Telcordia-14) SUT send an ABORT in response to an OOTB COOKIE ACK	When the SUT received an "out of the blue" COOKIE ACK, it responded with an ABORT instead of silently discarding it.
109900		3	ReadyToTest	Active	SCTP Init Issues24-Telcordia- 15) SUT did not increment cookie lifespan when it received an INIT with a valid Cookie Prese	Our cookie lifespan is currently long enough to support the networks we support, so Eagle doesn't need it.
109903		3	ReadyToTest	Active	SCTP Init Issues27-Telcordia-18 18) SUT sent an ERROR chunk when a valid COOKIE ECHO chunk with an expired State Cookie was r	When the SUT received a valid COOKIE ECHO chunk containing an expired State Cookie, the SUT sent a "Stale Cookie" ERROR chunk. There is no impact on our ability to align and carry traffic.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
109904		3	Resolved	Defer	SCTP Init Issues27-Telcordia-19) SUT did not send an ABORT in response to an INIT ACK without a State Cookie	When the SUT received an INIT ACK without a State Cookie, the SUT did not send an ABORT. Instead the SUT only sent an ERROR chunk. No impact on ability to align and carry traffic.
109905		3	ReadyToTest	Active	SCTP Init Issues28- Telcordia - 20) SUT sent ABORT with with an incorrect T bit value of 1	When the SUT received an INIT with an Initiate Tag set to 0, the SUT correctly responded with an ABORT chunk, but the ABORT chunk contained a T bit value of 1, indicating that it did not have a TCB. No impact on ability to align/carry traffic.
109906		3	Pending_Review	Invalid	SCTP Init Issues30 -Telcordia- 1) SUT does not use exponential back-off for heartbeat RTO	The Eagle did not use exponential back-off of the RTO when sending HEARTBEATs for which it did not receive HEARTBEAT ACKs. SCTP RFC retransmission mode may not perform exponential backoff when retransmitting packets. Tekelec's default retransmission mode is LINEAR.
109907		3	Resolved	Defer	SCTP Init Issues31-Telcordia-2)_SUT sent HEARTBEAT ACK in response to a HEARTBEAT without the Heartbeat Info parameter	The Eagle responded with a HEARTBEAT ACK when it received a HEARTBEAT that did not contain the heartbeat info parameter. No impact if a correct heartbeat request is sent. The ACK merely copies what's in the heartbeat request.
109908		3	Resolved	Defer	SCTP Init Issues32-Telcordia- 3) SUT Sent Heartbeat after receiving an ABORT chunk	When the Eagle was in the Established state and received a DATA chunk bundled with an ABORT chunk for the existing association (DATA was first chunk, ABORT was second chunk), the Eagle responded with a Heartbeat chunk. RFC states. DATA chunks MUST NOT be bundled with ABORT. A correct implementation would not send this packet.
109909		3	Resolved	Defer	SCTP Init Issues33-Telcordia- 4)_SUT Sent COOKIE ACK after receiving an SCTP packet containing both a COOKIE ECHO and an ABOR	During association establishment, after the Eagle sent the INIT_ACK, and received a COOKIE ECHO bundled with an ABORT chunk (COOKIE ECHO was first chunk, ABORT was second chunk), it responded with a COOKIE ACK chunk before aborting the association. There is no customer impact due to the fact that Eagle does not validate that an ABORT is not bundled. Connection will still terminate.
109910		3	Pending_Review	Invalid	SCTP Init Issues34_Telcordia- 5) SUT resent SHUTDOWN ACK before T2-shutdown timer expired	When the Eagle was in the SHUTDOWN-ACK-SENT state, it retransmitted the SHUTDOWN ACK before the T2-shutdown timer expired. Eagle uses shorter timers than the default RFC timers in order to improve timeliness of events including shutdown.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
109911		3	ReadyToTest	Active	SCTP Init Issues35-Telcordia-6) SUT did not apply the back-off timer rule to Timer T2	When the Eagle was in the SHUTDOWN-ACK-SENT state, and did not receive a SHUTDOWN COMPLETE in response to a SHUTDOWN ACK, it did not double the value of Timer T2. In addition, the STP only retransmitted the SHUTDOWN ACK Association.Max.Retrans -1 times. Eagle supports multiple retransmission algorithms for improved performance. The default does not match the RFC, but RFC algorithm is supported.
109912		3	Resolved	Defer	SCTP Init Issues36-Telcordia-8) SUT sent ABORT with wrong error cause in response to a DATA chunk without the User Data param	There is no impact when interfacing with a correct implementation. If Eagle receives a packet with no user data in error, Eagle will send back the wrong error cause.
109915		3	ReadyToTest	Active	SCTP Init Issues38- Telcordia - 10 SUT sent ERROR chunk with Verifcation Tag value of 0 and a SACK with incorrect cumulat	When the Eagle received a DATA chunk with an invalid stream identifier, it responded with an ERROR chunk containing a Verifcation Tag value of 0 and a SACK with an incorrect cumulative TSN value. Eagle does not validate stream identifier. There is no impact when an implementation sends correct data.
109916		3	Pending_Review	Monitor	SCTP Init Issues39-Telcordia- 11) ABORT is not sent in response to a DATA or SACK chunk when no association existed	When the SUT received a DATA or SACK chunk from an endpoint for which no association existed, it did not send an ABORT. No impact when interfacing with a correct implementation.
109917		3	Pending_Review	Invalid	SCTP Init Issues42-Telcordia-14) SUT did not use the back off timer for data retransmissions	When the Eagle did not receive a SACK for a transmitted DATA chunk, it retransmitted the Data chunk after the T3-rtx timer. However, when the Eagle still did not receive the SACK, for subsequent T3-rtx timer expirations it did not double the value of RTO. SCTP RFC retransmission mode may not perform exponential backoff when retransmitting packets. Tekelec's default retransmission mode is LINEAR.
109918		3	Resolved	Defer	SCTP Init Issues46-Telcordia-18) SUT did not retransmit an unacknowledged DATA chunk Association.Max.Retrans times	When the Eagle did not receive a SACK, it did not retransmit the DATA chunk Association.Max.Retrans times. We retransmit 1 too few times. In practice this is not an issue, since we retransmit enough times to guarantee we can meet our performance requirements.
110007		3	Resolved	Defer	IPDA: UAM #478 reported rather than #479 for processor congestion clear due link not monitored	Alarm# 477 (Congestion: Copy Function De-activated) may be cleared with clearing alarm #478 (Copy Function Activated) instead of clearing alarm #479.
110190		3	Resolved	Defer	Traffic rerouting (HMRT) blocks Medium Priority Task for > 500 ms	Customers may see a TVG_HMUX.C or TVG_HIPR.C trouble when this occurs. This will not cause any issues for normal processing.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
110352		3	Resolved	Defer	LNP measurements for SSP is not reported until the second hourly period after 15 minute measurments is turned	One or more measurement report transfers to the FTP server may be delayed until the next reporting cycle. There are no known deficiencies in the report once it has been transferred. Note that any report can be generated manually via the rept-ftp-meas command within the retention period for the desired report.
110409		3	ReadyToTest	Active	IPS: Intermittant need to init-card to get "all=yes" output to display	Occasionally customer may need to init the IPS card to update terminal output groups on IP terminals.
110895		3	Resolved	Defer	Backspace/Corrections invalid when selecting an IP terminal for use with an Eagle	The customer is unable to enter backspace character when prompted for terminal number within a Telnet connection.
111293		3	Resolved	Defer	E5 E1/T1 and HC-MIM - Module t4b_bm.c Line 365 Class 01c4 Obit after receiving a continuous stream of SLTMs	If a node interfacing with Eagle start sending SLTM messages more than 1000 messages per second for a period of time, it can result in booting the card with obit "system run out of system buffer".
111778		3	Resolved	Defer	LIMs can incorrectly broadcast INMs out of order and without using TVG grants	If initiated, the LIM cards may send internal network events out of sequence. The area of code that has this deficiency is only exercised during debug situations and will not occur during normal situations.
112920		3	ReadyToTest	Active	Telcordia - Eagle not reporting congestion abatement in a timely fashion	TFCs are generated a few seconds longer than necessary during abatement procedures of local link congestion. Determination of local link congestion is largely an implementation detail and hidden from the customer, so from a field perspective it would be almost impossible to detect this condition. A lab (e.g. Telcordia) environment where the time between L2 acking drops the link out of congestion until TFCs stop generation can show this problem, but without timestamping test equipment it would be nearly impossible to detect.
113224		3	Resolved	Defer	MRN OAI layer robustness	The customer would not know if they are having MRN table read failures or entry not found situation.
114356		3	ReadyToTest	Active	rept-stat-user output misaligned for longer commands	None, in the output of rept-stat-user notice that the command rept-stat-applsock causes the "IDLE" text to be misaligned.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
114678		3	Resolved	Defer	routing of a SAFETY packet with a CRC error	The likelihood of this PR occurring is extremely rare. Should it occur, most likely no one would realize that it even occurred. It would have to occur many (5 or more??) before it would have an effect on the Eagle system. Even then it would only affect the IMT bus that had the problem.
115541		3	Resolved	Defer	ARICENT PV_APCR: PC not marked CRD-Prohibited for CLUSTER PC entry.	A cluster point code (example 3-3-*) has been configured on a Linkset with an adjacent full PC(3-3-1). If a another full PC in the cluster (3-3-2) is marked as CRD-Prohibited that PC is not shown as an X-LIST entry. Insted 3-3-0 is shown as X-LIST entry.
117356		3	Resolved	Defer	Telcordia - 35.0 audit - NCR: RSPs Concerning Prohibited PCs within nested clusters not sent immediately when TCR received	On reception of TCR, RSPs concerning the prohibited full point code could be delayed. Since the Eagle does send RSPs periodically (after every expiration of timer T10) in this situation, there is minimal impact on the network.
117905		3	Resolved	Defer	Copy-Disk command reject description is incorrect.	Minor confusion as inhibiting measurements must be research to track the replacement command: chg-meas:collect=off. The inh-meas command was obsoleted years ago.
118011		3	Resolved	Defer	Code loading multiple card types of the same loading priority when one card type has problems can block cards from loading	Update: This problem occured in the field when the upgrade terminated during the flash images were downloading on HCBlade cards. The upgrade attempt to return those cards to IS-NR. The cards kept booting because the upgrade terminated before completing the downloading of the target-release flash images. So the cards were attempting to load the target-release application GPLs while still running on the source-release flash GPLs. The work around was to complete the flashing of these cards.

This should not happen in the field, the E5 cards didn't load due because the cards did not have the correct flash gpls. If the cards are properly loaded with the latest flash gpls the problem did not occur. |
| 118016 | | 3 | Resolved | Defer | Array for m_num_chars_per_format[] has not been maintained | In cases of very heavy output, the UIM output may loose characters due to improper pacing. |
| 118871 | | 3 | Resolved | Defer | Measurement platform reports the card type ACM card rather than correctly identifying cards that is E5-ENT, DCM or SS-EDCM. | Nuisance UI issue. The Eagle incorrectly reports the card type as an ACM card rather than correctly identifying card the as an E5-SLAN card. |

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
119129		3	Resolved	Defer	Measurement Statistic ENETCOLERR always reports zero	If driver stats are not pegged properly, then user would not able to view execssive collision error [ENETCOLERR]. The user could keep a track of collisions by using ENETBUSBSY.
119232		3	Resolved	Defer	ESynC: Inconsistency in the range values for parameter "nsfi" of command "chg-scr-blkopc" in CDT documentation and the Eagle	The customer may not realize he has addditional options he needs to build his screening.
119579		3	Pending_Review	Monitor	Periodic Copy De-activate on IP links (all link types)	
120269		3	Resolved	Defer	ARPV: trp_tbl.c severity when DHCP on time expiry	DHCP lease expiry may result in time for a port of acquire IP
120310		3	Resolved	Defer	E5STC: "help" command generated Severity TMUXLIB2.C Line 729	The overall help command appears to be too long and produces these troubles towards the end of the output. Individual help on a command by command basis works fine.
120356		3	Resolved	Defer	Feature status dependency in measurement command processing should be consistent	More nuisance, than real customer impact. Subtle inconsistency between enabling and turning on features in rept-meas.
120744		3	Resolved	Defer	RTRV-FEAT CSV file shows wrong values for NUMENTRIES, MAXENTRIES parameters	RTRV-FEAT CSV file (retrieved through FTRA 4.0-40.11.0 , EAGLE 5 ISS Release 37.0.0-58.19.0) shows NUMENTRIES, MAXENTRIES values as 34 whereas in total they are 32. There is no customer impact.
120871		3	Resolved	Defer	CDPA Screening Table Capacity Reported Incorrectly	Customer may over provision CDPA rules when relying on the percentage full information. The over provisioning will cause the cards to show in transition as they can not be downloaded to the cards.
121163		3	Resolved	Defer	REPT-STAT-SCCP:MODE=PERF Incorrectly Reports Peak SCCP Traffic and Total MSU/S when DSM Cards are Added to Eagle	11 of 22 E5-SM4G cards were replaced with DSM cards. Erroneous information reported for a short period of time while DSM cards loading.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
122047		3	Resolved	Defer	No UIM for BICC MSU discard for Conversion too Large (Chained Buffer Not Supported on lowspeed)	If a BICC MSU is received on an ITU SS7 link, where DPC is ANSI alias such that after the MSU is converted it will be greater than 272 bytes, the MSU is discarded, but no UIM is issued. This behavior is the same with and without MOBR feature, and same whether outbound route is IP link or SS7 link. The following Sev 1 is generted, just no UIM: tklc1071501 07-06-20 08:39:47 EDT EAGLE5 37.0.0-58.20.35 Card 1308 Module CNV_MGR.C Line 1269 Class 302a Severity 1 16 00 00 02 17 50 01 01 89 01 43 18 40 28 01 a9 .....P....C.@(.. 96 3f 0d ec e6 72 02 00 00 01 00 00 00 00 00 02 .?...r.......... 0c 0a 00 00 21 43 65 87 ....!Ce.
122761		3	Resolved	Defer	RTD cksum errors may occur when large BICC MSUs are routed as result of merge of 35.6 features to 37.5	No MSU integrity checks will be done on BICC traffic.
123369		3	Resolved	Defer	Service Selectors process MSUs even though SCCP Service is offline/disabled	There is an inconsistency regarding GPORT/APORT SCCP Service being offline vs online with Service Selectors. For example, srvsel=MNPSMS will process matching MSUs and will peg as such under GPORT Service in rept-stat-sccp.... this is independent of whether chg-sccp-serv:serv=GPORT is offline or online.
123751		3	Resolved	Defer	SOIP - chg-seas-config allows the seas IP address to be set to the same value as the IPSM card.	When provisioning the SEAS over IP feature, the eagle allowed the SEAS IP address to be set to an IP address that already existed in the IP link table. Minor customer impact since the user will be unable to connect to the IPMR(s). This will generate SEAS unavailable alarms. The maintenance manual has the procedure for diagnosing the causes of this alarm.
123752		3	Resolved	Defer	eagle allows ent-ftp-serv to set IP address to an existing value in ip-lnk table	When provisioning the measurements platform feature, the eagle allowed the ftp serv ip address to be set to an IP address that already existed in the IP link table. Diagnosis of duplicate IP address provisioning is more difficult.
123756		3	Resolved	Defer	chg-ip-lnk allows IP addresses to be entere that are already in seas config or ftp serv table	The eagle allows ip addresses that already exist in the seas config table or FTP serv table to be entered in the chg-ip-lnk table. Diagnosis of duplicate IP address provisioning is more difficult.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
123987		3	Resolved	Defer	TFP/TFA not available to an adjacent point code having an Indirect Route	Broadcast TFx messages may not work correctly, if the system has more than 25 failed linksets. If an APC is not notified with TFP, it may continue to send messages to destination. Although a broadcast TFP is not sent but response method TFP will take care of notifying nodes, if they try to route message to concerned point code.
124097		3	Resolved	No-Fix	SEAS - Eagle incorrectly reporting X.25 UAL status	Eagle is incorrectly reporting the SEAS x.25 status: 1) PVC Status Incorrect – when two PVCs were taken down, the rept-stat-seas shows all 3 PVCs IS-NR 2) UAM reflects incorrect pvc number when pvc taken down or restored.
124268		3	Resolved	Defer	MLS - DPC of SCCP management messages is not verified before they are processed	If a Eagle receives a message with DPC=MLS SPC and OPC= non adjacent point code then Eagle process that message instead of discarding it.
124357		3	Resolved	Defer	Module scm_bkgd.c Line 2944 trouble seen after executing INIT-SYS:DATA=PERSIST	The errors are due to tvg capacity issues on the card. The tvg information will be updated as soon as the correct information is received by OAM. There is no impact to the system.
124451		3	Resolved	Defer	Module mprm_sr.cpp displayed after booting OAM for upgrade	Initial data transfer to standby MCP is incomplete. Only impact is historical data in the event of MCP role change, e.g. rept-ftp-meas for prior period after a MCP role change.
124530		3	ReadyToTest	Defer	rtrv-tbl-capacity reports failures when issued still in upgrade	No system impact. DB commands are typically not allowed during upgrade, after booting out of upgrade, everything works
124725		3	Resolved	Defer	SEAS- extraneous rept-rteuav messages are being sent after MASP initialization	REPT-RTEUAV messages coming after reboot to the TCP/IP MR
124950		3	Resolved	Defer	Module lb_mgr.c troubles seen duriing overnight traffic run	During the DSM Boot script (where the SCCP Subsystem is constantly reset) the load balance manager is unable to complete load balance within the engineered limits and produces this trouble. This isn't a concern to date because the SCCP cards do not use LB anymore.
125107		3	Resolved	Defer	MLS - One-time response method TFRs/TCRs not sent when secondary routes being used have secondary point codes	Eagle may not generate a one time respone TFR/TCR message for a destination that is restricted when the secondary routes being used have secondary point codes.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
125277		3	Resolved	Defer	Telcordia-37.5 audit - SCTP - SUT did not retransmit Max.Init times when it didn't receive INIT ACK response	The Eagle retransmitted INIT chunk 5 times when it didn't receive the INIT-ACK response from the peer end, but it is less than association maxInitTimes (10) before it takes the association down.
125425		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET sent LSPEs instead of LSPNs after receiving LSPE for which it had previously sent LSPN	This PR is about M2PA link initial alignment status indication procedures being non-compliant with GR-246-CORE. There is no impact on the alignment of M2PA links since it aligns during appropriate (normal or emergncy) proving period based on the alignment status of remote signaling link.
125428		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET started proving by sending an LSPE when it received LSA on data stream 1	Incoming LSA triggered alignment proceudre and link was back in service after emergency proving period.
125429		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET sent an LSOS instead of discarding an SLTM received with an incremented FSN	Issue was found during M2PA audit testing at Telecordia. Issue is not service impacting since the link restores back to in-service after receiving SLTM with incorrect FSN.
125431		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET sent LSOS 3.7753 seconds (instead of ABORT) after not receiving SACKs for ACKs at SCTP	There should be no impact since the link was removed from service and either end may initiate re-establishment of the association. The E5-ENET card started realignment procedures following transmission of LSOS.
125763		3	Resolved	Defer	Telcordia Audit - M3UA - Unnecessary Notify messages are sent when no AS change is made	No significant impact, the Eagle would send Notify messages after receiving invalid ASP maintenance messages, even though there was no change in AS state.
125818		3	Resolved	Defer	scheduled OAM systot reports to the UI showing incorrect time	UI reports when extracted from Measurments Platform after 15-minute collection has been turn on then off again will show incorrect report time. FTP'd measurements reports are correct
125914		3	Pending_Review	Invalid	Telcordia - 37.5 Audit - SUA - SSA for remote SSN=1 Ignored by EAGLE	
125928		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS-chg-gtwy-ls with null values overwrites previous supplier specific values	On the SEAS- chg-gtwy-ls command a null value for supplier specific parameter field overwrites existing values with default values.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
125951		3	Resolved	Defer	The OPC encoding may no reflect MLS OPC in TFC/UPU generated for IPGW cards	UPU Encoding : OPC encoding may not reflect MLS SPC if 1. MLS feature is ON AND 2. Incoming linkset has MLS SPC assigned. AND 3. The OPC of incoming MSU is adjacent point code AND 4. The MSU invovles IPGW in processing (say remote user application is down in END office feature) AND 5. if step 3 is TRUE, then none of the linksets defined to that adjacent point code uses Eagle's TPC Then OPC of UPU may end up having Eagle's TSPC instead of a valid MLS SPC. Same holds true for TFC.
125990		3	Resolved	Defer	Module meas_dth.c Line 510 Class 0001 Severity 1	Some data for the STP-DTH & associate daily measurements would be lost, either 15 minute or 30-minutes depending upon whether 15-minute collection is on or not. Given this occured during init-sys which would have caused many cards to reset, the relative loss of data associated with this error in small.
126110		3	ReadyToTest	Active	Telcordia - audit - MTP3 - Eagle sending TCR instead of TFR in response to RSP for xlist entry	No customer impact. instead of TFR for deleted xlist a TCR is sent, which is a right reflection of cluster status.
126675		3	Resolved	Defer	CPU usage in REPT-STAT-SCCP is incorrect for EIR service.	Intermittent invalid CPU usage report for EIR traffic in rept-stat-sccp. The issue is caused by a 16-bit timer rollover problem so it does not happen very often and corrects itself on the next 30 second interval.
126961		3	Resolved	Defer	MLS - Unnecessary TFRs are sent on an alt route when a higher-priority alt route becomes available	No customer impact except unnecessary Network Mangament messages are reported.
127180		3	Resolved	Defer	MTSMSNP: Unexpected ecd_sccp.c Severity 1 reported wtih UIM1232 SCCP Encode Failure	APORT puts out a Sev 1 ATH and UIM 1232 while trying to send an ACK to incoming MSUs with SCCP CGPA GTI as 1 (unsupported).
127520	Y	3	Resolved	Defer	UAM 0040 GPL SYSTEM SCCP GPL is Corrupted Displayed - Procedure from Maint Manual Did Not Clear UAM	The Eagle is misreporting thus the customer can not tell if they have a real issue or not. Once the gpl has been swapped out as recommended by the maintenance manual, the customer will have to wait for the next audit cycle to complete (approximately 1.5 - 2 hrs) before the corruption alarm is lowered. This is currenlty also the time it would take to detect such a corruption.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
127764		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - MTPRSE Parameter in ADD/chg-LS Must Be Null if Restart Feature Off	Customer must use Null in place of "0", even though the spec says "0" should be accepted.
127773		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS Register MSUDISC2 in P_COMP Reports Too Few Messages	Minimal system impact. Register count (MSUDISC2) was off by 2 during a 30-minute interval in which link congestion occurred.
127775		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - Remotely Congested Links Reported as "OOS" in D_MTCS report	The customer using SEAS cannot distinguish OOS-MT from OOS-MT-DSBLD since we only put out OOS. We need to put out 'UNAV' for OOS-MT and 'OOS' for OOS-MT-DSBLD.
127777		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - Register MSUDISC3 Present in P_MTCD	Extra register in SEAS MTCD-LINK reports.
127778		3	Pending_Review	Monitor	Telcordia - 37.5 audit - SEAS - VFY All Entries Response for Some GWS Tables Temporarily Returned Partial Values	
127825		3	Resolved	Defer	Telcordia - audit - M2PA - Alignment Repeatedly Reattempted Upon Receipt of a Looped SLTM	The M2PA links are not using ANSI T32 to avoid link oscilation. This just means the link is cycling more often than the ANSI specification recommends.
127826		3	Pending_Review	Invalid	Telcordia - audit - UIM 453 needs a better description in the documentation	
127907		3	Resolved	Defer	Telcordia, T1 timer slightly long	Time controlled re-routing due to remote link inhibit may cause traffic to be buffered longer than the provisioned L3 T1 value. (have senn 95ms longer in lab.)
127989		3	Resolved	Defer	Severity gta_dbup.c is observed at EAGLE when we give DLT-MAP command	The impact is that an invalid error message is being displayed to the user if they delete the MAP entry associated with their STP's subsystem.
128297		3	Resolved	Defer	Telcordia, sigtran meas, RGLBLSET value increased for some schedules	RGLBLSET value increases for some schedules with no change in register content. This is for SEAS.
128307		3	Resolved	Defer	Telcordia, sigtran meas, MTCDTH TLNKACTV was not correct for HSL links	Due to link activitiy being defiened as the taotal time acttualy transmitting versus the amounbt of idle time IP link value appears to be very high. This may give customer misconception that link is not processing traffic correctly.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
128329		3	Resolved	Defer	Telcordia, LIM-ATM Meas Issue w/ Congestion	Might mislead customer that there was very little congestion on the link. TDCNGLV1 is pegged only when the elapsed time (while the link is in CNGLVL1) is > 500 ms. The time is rounded up if greater than 500 msec unit and pegged in TDCNGLV1. So if Congestion remains for small duration say 400 ms, nothing would be pegged. Now in this case, as evident from the capture and value of the counter ECCNGLV1, the link went into Congestion 1 and abatements multiple times within short durations. Hence TDCNGLV1 would be equal to duration/sum of durations that are greater than 500 ms during which link was in congestion for time.
128334		3	Resolved	Defer	chg-measopts error code discrepancy in documentation	The error message coming out may not proovide the customer all the information to correctly input the command. They would have to do trial and rerror to figure out what is wrong.
128583		3	Resolved	Defer	IPSG: Telcordia, Sigtran, seas, MSGSTRAN value was 1greater than expected	MSGTRAN could show a difference of 1 (greater) than actual messages transmitted for IPSG M3UA links in certain scenario only . Message are properly sent over the network. This happens when ASP is made active in middle of measurement interval.
128587		3	Resolved	Defer	Telcordia, Sigtran, seas, DURLKOTG register was not correct for IPSG M3UA links	DURLKOTG register depicting the duration of link Unavailability to MTP3 could be wrong in measurment report in when the ASP is activated during the measurements interval..
128590		3	Resolved	Defer	Telcordia, Sigtran, seas P_RBASE LINK congestion registers were not correct for HSL links	1. No change in congestion register values for HSL links - register values still corresponded to HCAP values instead of E5-ATM values. 2. Danger of Congestion Onset (See Table 23 in FD005925v2.1.doc) was not correct for IPSG (M2PA and M3UA) and IPLIM M2PA links. Expected value was Min(SLKTPS * Assoc.RMIN * 2, 1250) = 1250 when SKLTPS=100 and Assoc.RMIN = 120. Reported register values were based on a Danger of Congestion Onset value of 600. 3. Link Alignment timer registers were not correct for IPLIM and IPSG M2PA links - reported values were '*' instead of m2pa-tset values.
128592		3	Resolved	Defer	Telcordia, Sigtran, Seas, SURCVERR did not include messages with an invalid SCTP checksum	The normal measurement will not indicate alll the errors happening on the link.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
128615		3	Resolved	Defer	Output from Upgrade out of order and not consistent with other command output.	Output does not come out as intended. No functional impact.
128645		3	Resolved	Defer	No tx full flag/indication on all IMTPCI designs.	This is mostly an internal issue. Difficulty in isolating the IMTPCI over-run issue for debugging. Is very unlikely to have this error.
128716		3	Resolved	Defer	Sigtran Meas: SCTPASOC report SCPKTSNT and SCPKTRCV pegs off by one	The measurement counts will be one less for everytime the association establishes for SCPKTSNT and SCPKTRCV within a measurments period.
128871		3	Resolved	Defer	Module lb_mgr.c Line 2960 Class 0001 Severity 2 seen during upgrade network conversion of DSM cards	There is no overall system impact.
128873		3	Resolved	Defer	multiple LIME1 cards obit with Module adl_mgr.c Line 916 during upgrade	This occurred on unreleased software for an upgrade path not in the field. Do not expect to see this in live sites.
128904		3	Resolved	Defer	card state not reset when incorrect card removed from slot	This is not a change in the way the card is reported. So there is no impact to the customer.
128909		3	Resolved	Defer	AR_DEV_39.0: SID entries on the network cards are not updated on ent-sid completion without system initialization.	For newly defined true point codes the user needs to init-sys to get the cards updated.
128927		3	ReadyToTest	Active	6way: ent-rtx & chg-rtx results in route status bouncing between restricted & allowed.	
128928		3	Resolved	Defer	MOBR - Text of E4579 is not descriptive for cmd "chg-stpopts:mtplprst=no" (MOBR enabled).	Customer may not understand fully why option can not be used. Will have to take additional time reading the Manual to understand the command error made.
128950		3	Resolved	Defer	Remove ASM from MTT error messages	None as customer could not be using unsupported card. This just cleans up the output.
128964		3	Resolved	Defer	SSEDCM IPLIM Copy De-Activate	If running at card capacity, only IMF copies are being lost due to IMF being disabled - original routed traffic is not lost.
129024		3	Resolved	Defer	Dual-Slot DCM Obsolescence Test takes too long.	On some systems, the test takes longer. However, since the command take several hours to execute the overall impact in imperceptible.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
129089		3	Resolved	Defer	Meas data store clearing enhancement	Under rare cases additional garbage may be present in some reports after upgrade. this will clear on its own based on the time retention of the report.
129159		3	Resolved	Defer	inh-alm:dur=temp....Instead of a command successful message for this, a command reject message would be more helpful for user	The current text that is output does not clearly indicate that the temp alarm inhibit was not allowed.
129302		3	Resolved	Defer	SM4G card load percentage reported as being greater than 100% during resync	Customer may be confused as to why a card can be more than 100% loaded and yet still not be in service. You can never be more than 100% loaded.
129343		3	Resolved	Defer	DMS silent failure if table not found during DMS init	If, during DMS initialization, a file is not found that should be found, the EAGLE does not produce an ATH or return DMS_ERR. When this happens DMS read/write errors occur during DB provisioning and/or backup/restore operations. The DMS initialization failure should be reported at initialization time and some notification (such as an SEV_LOG ATH) should be raised. The error and recovery are currently silent. That is the customer will not see it. There is no systme impact.
129523		3	Resolved	Defer	On E5-ENET card with a single link EMP connection congestion/discards occurs on at high traffic rates	None - the traffic rate required to cause this issue is well beyond the engineered traffic rates supported for IMF on E5-ENET. EMP socket congestion is expected in this case,
129531		3	Resolved	Defer	rtrv-ctrl-feat causes multiple sev 1 troubles MTOS_MSB.C Line 362	The troubles are sent when multiple SCCP cards are downloading from the MPS. The troubles are caused by the active MASP sending too many progress status messages over to the standby. There is no impact on the system as the SCCP cards contiue to load and the command output is received.
129540		3	Resolved	Defer	rtrv-slk will not display a comamnd complete message when a parameter is used, which is not inservice or not yet configured.	If no signalling links have been provisioned, and if invalid parameters are supplied to the rtrv-slk command, then no links are retrieved as expected. In this situation there is no explicit indication that command has completed. This situation has existed since the inception of the rtrv-slk command.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
129596		3	Resolved	Defer	regression - Unexpected TFPs during MTP Full Restart after T25 expires	In condition when Eagle has not completed sending TFx messages and T25 expires, it continue sending any pending TFx message. This problem can be avoided by carefully setting the T24 timer to suit the network requirement. If T24 is sufficiently large then it will give more time for TFx messages. GR spec recommends T24 to be network dependent. What it means is that default setting of T24 may not work for all the customer and hence must be tuned for cater for customer requirements.
129680		3	Resolved	Defer	Initialization of entry-delimiter/"pad" bits of static flags in static routing table.	No customer impact. These PAD bits are not checked.
129699		3	Resolved	Defer	TFAs not broadcasted after transition from restricted to allowed (SS7 ANSI Links)	On ANSI network when a PC transition from Normal restricted to allowed, TFA shall not be sent. The adjacent node shall discover the status by means or RSR message. For this reason the imapct of this PR is negilible.
129711		3	Resolved	Defer	PROT: full_restart_txr_sent bit not maintained correctly	In Release 38.0 PR 128980 is taking care of the problem of the full_restart_txr_sent bit causing DDB checksum mismatches. This PR is being deferred in order to provide a more complete solution in 39.0. There is no impact to the customer.
129738		3	ReadyToTest	Active	SCCP Loop Detection: "rtrv-loopset" takes a lot of time to complete	Command completes after approx 17 seconds.
129773		3	Resolved	Defer	Correct format of MSRN not received in SRI Ack when MSRNDIG=CCRNDN and MSRNNAI=4 and SNAI=SUB	None. Configuration is conflicting and should not be used in the field (seen comment in eng notes). This may end up getting resolved via a documentation update.
129833		3	Resolved	Defer	Rel38.0:Severity 1 observed while deleting the signalling link	None the link is being deleted.
129914		3	Resolved	Defer	SEAS RBASE IP links NRPRSTRS counting not-applicable registers, '*'	In release 38.0 there was change made to no longer count fileds without data for NRPRSTRS (represented by *). The RBASE reports was not yet updated to this new method. Possible confusion of downstream systems interpreting the SEAS reports, since all other reports use the new method of counting.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
129934		3	Resolved	Defer	IPSG:inh-alm:dur=timed prompted scm_utl0.c severity 1 ATH	The ATH trouble will occur whenever inh-alm:dur=timed:dev=enet command is reissued after OAM init or OAM switchover has happened or set-date/set-time command is issued on Eagle. It is unlikely that any of these 3 cases will occur coincident with a timed alarm inhibit of an ENET device.
129953		3	Resolved	Defer	ath_ss7.c and mcbfr.c ATH's seen during congestion on IPLIM links	When link is changing over and routes are re-calculated, there is an anamoly in the code that could cause an invalid port index to be returned to application that is responsible for sending COO/COA. If application return invalid port index, it complains via the ATH mentioned in the PR. The system impact will be time controlled changeover in place of sequence controlled changeover.
129958		3	Resolved	Defer	Copy De-Activate on SSEDCM IPGW under network impairment test	If running at card capacity, only IMF copies are being lost due to IMF being disabled - original routed traffic is not lost.
130004		3	Resolved	Defer	SEAS D_NM LNKSET does not support the ACTIVE period for IPVHSL or IPVLGW link sets	Customer using SEAS will have to wait for collection to get the data.
130041		3	Resolved	Defer	Rel38.0 : MLS : rept-stat-ls:apc=<> output not aligned	The output view just does not have the columns aligned.
130052		3	Resolved	Defer	ATINPQ: MSU matches ATINP srvsel, but fails for an unexpected reason	Need better UIM since the failure is due to provisioning done by Customer within the EAGLE. Without this the customer may not realize they have a provisioning error.
130087		3	Resolved	Defer	Conversion of BICC messages that are too large generates cnv_mgr.c ATH	Minimal - ITUN14 or ITUI MSUs that are larger than ~4092 octets, when they are attempted to be converted to ANSI or ITUN24 will generate an ATH instead of a UIM. This conversion is not possible, since the resultant MSU would contain a SIF greater than 4095.
130143		3	Resolved	Defer	Telnet terminal misses/mixes parts of messages	The telnet screen in which the command is typed may fragment a UIM that is being ou if command input in middle of UIM. The UIMs will get logged completely, as well as display fully on other terminals.
130175		3	Resolved	Defer	Remove alarm inhibit support for TPS device	The customer has the ability to inhibit an alarm that will never occur. No operational impact.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
130183		3	Resolved	Defer	MLS:Rel 38.0 Regression: Extra UDTS messages being sent to the originating node having multiple linksets associated to it.	With Multiple linkset to APC feature on, While generating UDTS message, Eagle will use the linkset SPC in OPC field. The only impact I see with this behaviour is that receiving node may raise an alarm or something to that effect complaining of OPC received in UDTS message.
130206		3	Resolved	Defer	IP Monitoring: Unexpected Errors in emp and scopy reports	When traffic is running below card capacity, there is no traffic loss. If running at card capacity, only IMF/emp/scopy errors are being pegged - original routed traffic is not lost.
130217		3	Resolved	Defer	connmgruasctp - Line 6431 seen during ANSI congestion duration run	When the SS7IPGW or IPGWI application running on E5ENET (IPGHC GPL) is subjected to extreme bi-directional loads causing IP Connection Congestion over extended periods of time, the card's connection manager may periodically report a sev 1 ATH at line 6431. This ATH indicates a self-correcting software fault, and the fault is not service-affecting. No action required by the customer for this trouble.
130225		3	Resolved	Defer	Module scm_utl0.c Line 6591 reported during full upgrade from 37.0 to 38.0	The only known impact was the generation of the ATH. Apparently this did not cause theupgrade to fail, nor did the ATH keep repeating, as there was already code that would only allow this ATH to occur once per card. Also, it is worth nothing there were other cards of this type in the system that did not exhibit the same behavior as this card.
130229		3	Resolved	Defer	Two LIM E1 cards boot with Module TKS_DP.C Line 920 during flash download of HIPR cards during upgrade	This issue has been traced to an IMT FIFO problem to which Class AC ECO 12960 applies. If this is a problem at a customer site the ECO can be implemented.
130234		3	Resolved	Defer	Module MCBFR.C Line 1422 severity 1 trouble seen as links are cancelled by upgrade on E1T1 channel card	The messages that is attempted to send is the changeover notification message to the only "available" link left. The problem is that the destination is really prohibited and not reachable, therefore this message shouldn't have been sent in the first place.
130405		3	Resolved	Defer	Unable to generate Circular Routing UIM for M3UA or SUA	allows traffic to be run in and out of the same link.
130414		3	Resolved	Defer	IPSG M2PA scopy lost a few MSUs during Change Over	Since failures occurred only at computed 100% IMF load, if normal system guidelines are followed such that card won't exceed 80% of rated load when carrying all traffic after failures have occurred, no loss will occur. If traffic load after failures have occurred exceed normal network design limit of 80% of capacity, traffic loss can occur and will occur when load nears capacity.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
130466		3	Resolved	Defer	IPSG: "E4255 - Total system TPS limit exceeded" not produced when 500,000 limit exceeded.	Customer can provision more than allowed capacity. This could possibly have negative affect of overlaoding the IMT if all capacitiy is really used
130506		3	Resolved	Defer	Rel 39.0_Chg-gsmopts:Ent/Rtrv-srvsel is accepted when ";" is given after GTI value	An entry could be created different from what the user wants if the parameter following the gti param with a semicolon is specified.
130586		3	Resolved	Defer	IPSG M3UA: Changing MTU on router with links in service (but not running traffic) causes cnmgruasctp ATH	This error is automatically recovered by the IPSG software and the affected associations will re-estabish normally. Changing the MTU size of a router in a live network crossed by established uni-homed associations is a service-affecting action.
130607		3	Resolved	Defer	DDB - "LINK" status of ddb going corrupt when a large number of links are bounced	This corruption has the following minor system's impact: 1- The DDB checksum mismatch 2- a PMTC change-over can be initiated when a card fails, when it is not required. We see no impact on how traffic is routed.
130622		3	Resolved	Defer	issue with dlt-card when unresolved symbols auto inhibit exists	If the card is fully deleted from the DB but allowed to be regenerated in the status system (rept-stat-card),then that slot cannot be reprovisioned. A workaround for this issue would be to remove the blade from the slot and init the active OAM.
130656		3	Resolved	Defer	IPSG: During M2PA CB testing - NtMgmt UIM's displayed as coming from HIPR's	The UIM's card location will be incorrect (appear to originate from a MUX card). This is the mux on the shelf the traffic is coming from.
130766		3	Resolved	Defer	TVG Granting for IPSG CO/CB doesn't match expected rates	There is no system impact given linksets hosted by the card and routesets using those linksets are properly configured. However, if not properly configured, traffic loss during CO/CB procedures for IPSG could occur.
130776		3	Resolved	Defer	Daily UA entities STATUS is "I" when the UA has been active all day	Incorrect data status (I=Incomplete) makes report look like it's missing data when it is not.
130777		3	Resolved	Defer	Link LED on IPSM's Port B stays RED	The unused Port B Link LED is lit RED. We have traditionally left this unused link 's LED as GREEN to avoid alarming customer. There no impact to operational software.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
130835		3	Resolved	Defer	IPSG: Copy De-Activate on M2PA (1 slk) during IMT inh-alw w/ impairment	Traffic may not be monitored under heavy load and inhibiting and allowing the IMT.
130841		3	Resolved	Defer	Destination status for MIN-ASP / combined LS goes prohibited instantly, however, TFRs are sent 30 seconds later	For MINSASP setting where NUMSLKALW is greater than (NUMSLKPROH and NUMSLKRSRT) and NUMSLKPROH is equal to NUMSLKRSRT, customer will see Destination going Restricted (alarm) without waiting for T11. Although the destination status changes instantly, however, the network management behavior is correct, that is, TFRs go out after T11 expiry.
130849		3	Resolved	Defer	IPSG: ent-trace causes card to obit ath_vxw_mgr	This problem is based on a combination of 3 factors - making an ent-trace request on a card with high-speed links, and sending in a matching MSU where the dpc and opc are 0. If the bad MSU is sent in and there is no trace request that matches the MSU, the problem does not occur.
130874		3	Resolved	Defer	IPSG: DAUD messages not shown in rept-stat-iptps	M3UA DAUD messages received by an IPSG card consume TPS capacity but are not reported by the REPT-STAT-IPTPS command. During periods of high receive MSU traffic on an IPSG-M3UA link (near the provisioned SLKTPS) if received DAUD messages cause the receive traffic to exceed SLKTPS. , the link may invoke receive flow control (potentially causing Tx congestion at the far-end of the M3UA link). In this scenario, REPT-STAT-IPTPS may not indicate that the received traffic exceeded SLKTPS. If this occurs, the MSUCOUNT pass command can be used to determine what messages IPSG-M3UA links are Tx'ing/Rx'ing and at what rate.
130959		3	Resolved	Defer	HIPR - FPGA, Slow port (Taxi transmit) does not have flow control	Proper flow control is not implemented on the Taxi transmit logic. It is possible for the IXP to over run the Taxi Transmit Fifo, corrupting packets on the IMT. This take extreme traffic load to cause this issue.
130989		3	Resolved	Defer	IPSM card generating Sev 1 messages during FTRA connection tests	Customer can not collect the result of FTRA transactions.
130992		3	Resolved	Defer	Not getting a mismatched RC message when a INACTIVE message with invalid RC sent	The Customer will be able to send ASP-Inactive and ASP-Active messages with 1 RC when the association has no RC configured and the message will be processed without alerting the customer that a "mismatched RC" scenario is occurring.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
131022		3	Resolved	Defer	EAGLE TIF and CNCF Interaction Support	You can enter TIF and CNCF in the same GWS action set; however, one validation check fails. If act10=CNCF, the software allows both TIF and CNCF, but allows CNCF to be the last action in the action set. For proper operation TIF should be the last action.
131028		3	Resolved	Defer	HIPR doesn't revert to original FPGA load when aborting TRIAL load.	IMT is unstable due to the intermittent reboot of HIPR/HMUX containing the wrong GPL. this is corrected by reflashing the card
131088		3	Resolved	Defer	ss7_sltc.c Sev 1 Observed While Converting Links From M3UA to M2PA (and vice versa)	This problem is a stale timer cleanup issue. A link was deleted then reprovisioned, creating a new SLT timer without deleting/stopping the existing one, which will run til expiration. The system impact is that the stale timer is deleted upon expiration, and the currently running timer is stopped and restarted, resulting in a wait time between SLTMs that would be less than what is provisioned for the first SLTM.
131153		3	Resolved	Defer	LIM T1 card reports mcbfr.c Line 1399 severity 1 trouble during full upgrade	there is no system impact for this PR. The messages that is attempted to send is the changeover notification message to the only "available" link left. The problem is that the destination is really prohibited and not reachable, therefore this message shouldn't have been sent in the first place
131288		3	Resolved	Defer	There is a possibility of EMP Congestion when an linkset's SLKTPS is increased.	There is an increased potential for discarding monitoring traffic on IPSG Cards due to SCOPY/EMP TCP connection congestion when the SLKTPS on the link's linkset is increased while monitoring is active on the link.
131366		3	Resolved	Defer	ntp_utl.c Line 1368 with eiscopy=off	Customer will get ATH troubles if they turn on E5IS feature without activating the copy function. This should only happen if they pause in first turning up the feature.
131587		3	Resolved	Defer	GP-conversion not performed on messages returned for TVG denied	We only support GP Version 6 (especially after 131588 is implemented), so this would only have to be corrected when we support multiple GP Revs again.
131607		3	Resolved	Defer	Incorrect LNP TFP description in Feature Guide	Customer may think the EAGLE does not follow protocl for TFPs.
131826		3	Resolved	Defer	REPT-STAT-IPTPS incorrectly reports SUA traffic on IPGWx	It doesnt impact SUA/IPGW or any other functionalty, that may create any problem. Ouput displayed by rept-stat-iptps is less then what it should be actually,because at present it is not considering "weight" that the SUA protocol has on IPGWx.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
131848		3	Resolved	Defer	Obit - pvrdbmsg.c - resync timeout after init-card:data=persist	Customer will see the card boot unexpectedly with a phase II timeout when trying to load a card. Card will immediately cold restart the database and go through phase II the next time and come in IS-NR.
131862		3	Resolved	Defer	Potential for NULL_PTR deference in dbcdtlnt_display_ipterm_entry_grp 5 and trie_search_next functions	Minimal system impact. There is a slight chance it could result in the OAM booting during a rtrv-trm command if telent terminals are configured. This problem was identified by Klocwork code analysis tool and has never occurred in the field or during in-house testing.
132290		3	Resolved	Defer	SCCP Card Grants Too Much Capacity	No impact other than it could appear confusing to the customer that a card is doing more than advertized capacity.
132343		3	Resolved	Defer	SM4G cards do not error correctly when ULOG level rolls over on ELAP	The card would have to be reloaded due to the roll over of the ULOG
132406		3	Resolved	Defer	INH/INIT commands reset the card but the network cards dont update there card lists	Very small chance of loosing update due to init or inh of card.
132657		3	Resolved	Defer	IPSG-M2PA links do not align within MTP Restart window (after init-sys)	The IPSG will not participate in MTP restart after power restart of the system.
132659		3	Resolved	Defer	Module tprc_adj.c Line 4576 Class 01c3 Severity 1 occurs during ITU MTP Restart on IPSG	For IPSG, Sev 1 ATH is generated, instead of silently ignore ITU timer expiry.
132682		3	Resolved	Defer	TRP on Eagle sends message with 0.0.0.0 vip/subnet on SM4G	One extra useless message is sent out from each SM4G card on the network. The Elap ignores it. The only trace left is an error message in the trpd_error.log on the active Elap.
132765		3	Resolved	Defer	MOSMSBPARTY : Registers GPNOCL and GPNOCLGT are pegged incorrectly	Currently same measurement registers are pegged for GPORT and SMS messages. This shall confuse the customer.
132855		3	Resolved	Defer	Change error code for MTT 4067 to list rcontext	The customer might get confused as to why their default application routekey command is being rejected.
132889		3	Resolved	Defer	ATINPQ: No PARM SET/SEQ in TCAP results in lss_utl.c Severity 1	If Eagle receives an MSU without any parameters in the component, it will spit a Sev 1 ATH when a UIM should actually come. However, there is no impact on the message handling. (The message is discarded.)

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
133157		3	ReadyToTest	Active	EGMS: Sev 1 bcd_utl.c being observed under EGMS functionality	No operational impact. Also customer should not see as they should not be using ent-trace without direction from TAC.
133171		3	Resolved	Defer	MOBR: Need to investigate removal of Cluster Route Support	If there are provisioned RTX cluster routes before the upgrade. They will become partly dormant for routing & could actually affect routing decisions. Work around - limitation-> check if there are any rtx provisioned for cluster before upgrade. If so, remove them before starting with upgrade.
133177		3	Resolved	Defer	FTP error 55 (no buffer space available) when attempting a remote restore from FTP server	Error number 55 is seldom observed when FTP is done using E5 IPSM card. It has been observed that FTP is successfully after one or two iteration.
133260		3	Resolved	Defer	rtrv-data-rtdb:npanxx=<old split> not display default data if data exist for new split	rtrv-data-rtdb display only one copy of data either for new split or old split if it is a split number. The split data should be share by old and new regardless where the data is provisioned. No functionality impact in the system.
133353		3	Resolved	Defer	TIF: No Measurement reports for TIF SNS or TIF FWDSCS	Customer will not see any measurement pegs when only using TIFSNS and/or TIFFWDSCS service actions. This will not be a common case. Most customers will also be using TIFNP, which allows the generation and reporting of pegs.
133406		3	Resolved	Defer	120M_EPAP:Severity 1 "Module gtt_oai.c" is displayed at vsccp cards when we give command dlt-sccp-serv:serv=gflex:pci1=1-7-2.	Will see ath when there is no issue.
133450		3	Resolved	Defer	The parameter "RI" is ent-gsmmap-scrn is not present in the documentation	None the ri can not be used.
133564		3	Resolved	Defer	LNP Meas Collection at 2400 incomplete if MCP boots	If the MCP cards boot in the last half hour of the day: Loss of LRN and NPANXX entity peg counts for the 2400 intereval. The daily reports will also be missing whatever pegs were generated in the 2300 to 2400 interval.
133748		3	Resolved	Defer	MSU_KEY_ENHANCEMENT_TBG TTLS: MRC functionality not working correctly for CLS mode.	The customer may be mislead into thinking that MRC is used for Combined Loadshare groups since the MRC setting is displayed via rtrv-mapset. MRC is ignored for Combined Loadshare groups.
133798		3	Resolved	Defer	Filename displayed incorrectly in meas error output	If there is a failure the File name will have extra charaters an the end of the name.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
133824		3	Resolved	Defer	UIM for SCCP formats prints OPC and DPC from message which may be misleading when OPC/DPC are overwritten	UIM may not have oriniganl OPC and DPC making harder to deteremine where MSU originally came from.
133856		3	Resolved	Defer	meau.c trouble during copy-disk	There is no impact to system functionality due to this error. No data is collected when collection is turned off, so no reports are missing data.
133864		3	Resolved	Defer	ASD Skinny :Register GPSRERR is not incremented for Nack generated by G-Port for SRI message.	Currently a NACk pegs:GPSRREP -Number of call related (SRI-Send Routing Information) messages that received G-Port service. This does not include peg counts to register GPSRREPPP. However "GPSRERR -Number of call related messages that cause an error response message(SRI-Send Routing Information NEGATIVE ACK). This does not include peg counts to register GPSRERRPP." os not pegged.
134020		3	Resolved	Defer	LNP384 RIDB sets database Incoherent on every MSU processed.	There is no customer impact.
134167		3	Resolved	Defer	RTRV-DATA-RTDB not denied when no ELAP or EPAP dependent feature is enabled or turned on	The customer will see a sev 2 ATH.
134218		3	Resolved	Defer	UAM013 lost on initial switchover after card provisioned	The isolated card alarm is not shown. Rept-stat-card still works correctly to get the status of the card.
134265		3	Resolved	Defer	IPSM card Severity 1 troubles and COPY-TBL command abort failure	FTP transfer may get aborted in between in rare cases. User will not be able to run act-ftp-trns or other commands for some time. This can be rectified by restarting the IPS card.
134572		3	Resolved	Defer	IMT LVL1 Stats	Clearing the IMT-LVL1 stats causes count to be added to the new count/stat recently added called "MSU's dropped with no report." Thus the counts displayed by this new stat are not reliable.
134741		3	Resolved	Defer	IPGWx assoc rejects ASP-AC with more than 16 RCs	If an ASP-AC containing more than 16 RCs is sent to an IPGWx M3UA association, the message is rejected even though the association could be in up to 50 keys/RCs.
134880		3	Resolved	Defer	EAGLE 40.0_E5TSM:"INIT-CARD" command is getting accepted by both appl and location.	This has no Customer impact as the same has been defered to subsequent release.
134933		3	Resolved	Defer	dms_utl.c Severity 1 error during upgrade to R40.0.0-61.38.1	As long is the upgrade is followed as directed there is no impact on the system.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
135143		3	ReadyToTest	Active	FD005851 - Serviceability section: corrective action steps for Alarm 541 Recovery Procedure need update	
135161		3	ReadyToTest	Active	Maintenance manual split - name changes	
135227		3	ReadyToTest	Active	REPT-STAT-MPS output is incorrect in release 40-61.40	
135390		3	Resolved	Defer	Tst msg output is not showing conditioned and formatted cgpn	The tst-msg output not showing the outputs from SAs from TIF. This is leading to lesser information being provided to the Tester/debugger. However it has no impact on system.
135484		3	Resolved	Defer	NPP Enhancement: NPP Test Message output failing to show fdl=* when fdl=* is provisioned in Service Rule Set.	The customer will see "0" instead of "*" for FDL=* rules when executing tst-msg and tst-npp-msg.
135593		3	ReadyToTest	Active	NPPE: Message is not filtered by the service rule with FPFX having '?'.	Certain traffic flows drop to GTT.
135768		3	Resolved	Defer	NPPT: tst-msg shows incorrect MATCHING RULE info for FDIGLEN	The user must understand that an FDIGLEN (FDL) of zero is used to represent a wildcard.
135771		3	Resolved	Defer	On EAGLE release 40.0.0-61.43.0 , rept-stat-sys command output is not properly formatted.	None just does not look nice.
135895		3	Resolved	Defer	Seas measurements caused smea_rep.c severity 1 to be generated.	There is no adverse impact to SEAS or measurements otherwise. Do not expect to see t his as mornally customers do not request measurmeents when they are turned off.
135905	Y	3	Resolved	Defer	M3UA IP Connection Refused during Assoc Establishment	This issue occurs in REL 41.0 only. On the sending INIT again after 2 seconds, this time association comes up fine and link becomes available.
135970		3	Resolved	Defer	Module hpru_mgr.c Line 1532 Class 0075 - Obit during HIPR card recovery	Due to this obit, the HIPR takes ~10 seconds longer to come on line when inserted into its slot as it resets when in simplex.
135989		3	Resolved	Defer	Rel40: CTRL Features are getting Enabled without DSM Card Provisioned.	Customer can turn on feature without having hardware to support it.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
136029		3	Resolved	Defer	drms.c and egle_utl.c Severity 1 ATHs during full upgrade from 39.2.0-61.36.0 to 40.0.0-61.46.0	The EGLEOPTS table is 128 entries large. 7 entries are currently in-use. The upgrade conversion function is getting called 128 times -- once for each entry. All calls for entries greater than 7 will produce the ATHs but do no harm otherwise. Net Impact: 121 drms.c ATHs and 121 egle_utl.c ATHs.
136073		3	Resolved	Defer	VFY-GTT generates gtt_set severity 1 when verifying a OSBR translation type	There should be no customer impact. VFY-GTT should not be executed on any other set type than CDPN. There is no adverse impact on the system.
136099		3	Resolved	Defer	Measurements timeout issue during upgrade	Measurements may not complete during an upgrade.
136107		3	Resolved	Defer	uias_msg.c severity 1 ATH received during incremental upgrade to 61.47.0 build	Trouble is put out with no known system impact.
136190		3	Resolved	Defer	HMUX / HIPR hourly and cumulative stats do not correlate	Error Statistics give a clear picture to the customer about the over all system behavior. Each of the 16 hourly time period (buckets numbered 0 to 15) contains the MUX card error statistics for a single hour where as the cumulative statistics signify running totals of the error count for each parameter from card initialization. Hourly and cumulative counts must correlate as the cumulative statistics contain the running total of error statistics of last 16 hours. Any deviation in this suggests that incorrect error statistics are being reported.
136374		3	ReadyToTest	Active	384 Million LNP records feature does not support measurement collection performed by the OAM	
136377		3	ReadyToTest	Active	SS7-over-IP using Sigtran Doc IPSG M2PA Link Conversion Section has typos	
136449		3	Resolved	Defer	No way to stop monitoring an association definitively (FC heart beat always sent)	Customer will end up with an false alarm for a link they they stopped monitoring.
136857		3	Resolved	Defer	remove X25 gateway support from the Eagle Code base	Customer will see some commands that will not perfrom any function.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
137040		3	Resolved	Defer	BOC/BOM transport link remote loopback engine is unreliable	Specifically, bit oriented code (BOC) tests may fail or produce incorrect results. This could be things like payload test in loop back.
137054		3	ReadyToTest	Active	In the Rel 39.2 maintenance manual UAM 114 and 117 are still present in the Balancing Matrix section:	Customer may be confused by the documentation
137188		3	Resolved	Defer	OBSR functionality is supported on network card even if OBSR feature is just enabled (not turned ON).	There is no impact to the system or customer. It is just a DB rule to enforce that OBSR must be turned ON before changing the GTT hierarchy on any linkset.
137562		3	ReadyToTest	Active	Fast Copy optimization.	
137646		3	Resolved	Defer	IPGWI cards obit in torture test	The failure has only been seen when there a extreme overload of SSEDCM SS7IPGW card that will probably never be seen in a customer network.
137649		3	Resolved	Defer	Card 1113 Module uplo_mgr.c Line 1124 Class 01b6 Severity 1	The system attempts to generate SEAS output on startup of the standby even though SEAS is not configured on the system. It puts out a trouble and does not persist beyond initial startup of the standby.
138070		3	Resolved	Defer	Module tvg_hipr.c Line 1594 Class 01c1 Severity 1	Low prioirty task are not being service in time. There should be no overall impact at the customer site as this occured at greater than rated capacity.
138292		3	Resolved	Defer	E5-IPS Thermal alarms look like they will not increment/decrement Alarm Counts (alarm count mismatch)	This could cause the customers alarm levels to not account for the E5-IPS cards thermal alarms. It looks like, there could potentially be an alarm mismatch.
138314		3	Resolved	Defer	Fast Copy TX/RX SCTP packet counts not updated correctly when FC GEI Interfaces go down	The packet count for r-s-mon will continue to increase even though the cable is disconnected. This could cuase confusion when trouble shooting as the user will think that FC is sending packets to the far end when it is not. Other methods such as ping can be used to show the connectionis down.
138339		3	Resolved	Defer	pollmv.c severity 1 seen during overnight load/stress/volume test on eagle 1190601	User could lose measurement data for the incomplete interval after card boot.
138348		3	Resolved	Defer	SCCP CNV: Sev 1 sih_utl.c is observed on EOAM for MTP routed message with CGPA GTI as 1 from ANSI to ITUI network	UIM propagation into SEAS may have incorrect cdpa digits. Unexpected ATH to user.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
138365		3	ReadyToTest	Active	The fast copy receive call to driver is blocking.	
138366		3	ReadyToTest	Active	Copy Mode in service change message do not have any impact on copy operation	
138383		3	Resolved	Defer	Fast Copy alarms related issues and refactorization of Fast Copy CPU load shedding changes	1. The status of FCS is displayed when E5IS feature is turned on in rept-stat-sys output. (Fast Copy Subsystem (FCS) status should be displayed only when FCMODE is FCOPY.) 2. In case of Generic Clearing of "Unexpected SAM" alarm, the format type code(FC_UNEXPECTED_SAM_FORMAT: 0x03) is not going to IMF along with sentinel code. 3.'All FCS Network Unavailable' alarm not aligned correctly in the output of rept-stat-trbl.
138407		3	Resolved	Defer	Sev 1 exhibited while running various commands with 40 terminals up	Unwanted Sev 1 occurs intermittently with all terminals ups and much system activity. No other impact.
138410		3	Resolved	Defer	Link option in the rtrv-assoc command does not work properly for IPSG M3UA/M2PA associations	The rtrv-assoc command output will not have the right IPSG M3UA/M2PA associations when link option is specified. The command will have to be used witout that option.
138414		3	Resolved	Defer	rtrv commands should behave in the same manner when printing 0 entries	Some commnds will tell the user there is no data some will not.
138443		3	Resolved	Defer	R41 SCCP Loop Detection: Extra text is displayed at the end of rtrv-loopset output.	The extra line looks like something else is to be printed when in fact all ouput has been displayed.
138456		3	Resolved	Defer	Wrong MTT Error Text for format-disk command	Customer will have to read the commands manual to find correct parameter combination.
138458		3	Resolved	Defer	VT320 terminals spew control characters on E5OAM with legacy hardware AND E5OAM hardware	Customer may see control charaters when using E5 OAM and VT320 serial terminals. Alt-U will clear.
138472		3	Resolved	Defer	TST-BIP cmd only returns BIP PASSED for MBD--when DBD present	Bip information can be verified by retrieve command.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
138507		3	Resolved	Defer	Rel 40.1Fast Copy: EAGLE is not generating clearing the FC Network Unavailable alarm if some other alarm existing on the card	The alarm would not be cleared to the IMF until all alarms are cleared. This matches expected behavoir for EAGLE UI. Change will be made to clear IMF specific alarm to the IMF.
138526		3	Resolved	No-Fix	TM: Need more information for acn parameter in chg-sccp-msg command	no impact on customer.
138539		3	ReadyToTest	Active	reject command error 4993 is not found. in documentation R39.2,	Customer could not find any info explaining why this error command is occcuring
138607		3	Resolved	Defer	Module uplu_aft.c is observed in Upg Phase 2 when FLASH Memory is Activate on Standby GPSM-II.	An erroneous SEV 1 trouble will be generated during upgrade, which has no impact on the upgrade procedure itself.
138641		3	Resolved	Defer	During upgrade DCM cards booted with Module im_com.c Line 498 Class 01c3	No real impact in a customer environment: if by chance an unprovisioned card ends up running an application GPL, an attempted flash operation will most likely fail due to CPU starvation; in some cases the card will boot. The card, not being provisioned, will remain inhibited, at which time it can be flash by, for example, the upgrade procedures.
138712		3	ReadyToTest	Active	Rel 40.1_Fast Copy : Act-upgrade and Health check procedure doesn't generate error when PVN =172.21.48.0	
138736		3	Resolved	Defer	Garbage text on command line after OAM Booting	The text can be deleted, or just enter let it be rejected and enter command.
138739		3	Resolved	Defer	MLSS: Remote SSN status shows available when link is unavailable	May not be able to perform coordinated state change on subsystem when using MLSS.
138765		3	Resolved	Defer	IMTPCI needs same fix as PR 138423	Have observed some packets where the destination address is overwritten with 0 AFTER the CRC has been calculated. This may occur after inh and alw of IMT. This at nmost will only be a few packets and the IMT will recover.
138769		3	Resolved	Defer	rtrv-tbl-capacity command response is much slower on large eagle with E5-OAM than Legacy	Disk operations, in this case database table reads, are slower than anticipated. Commands still complete correctly as expected.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
138819		3	Resolved	Defer	ITU TCAP Multi-Byte Private Tags Decode Failure	Private tags are used by different vendors to pass non-standard information through the ITU network. They are frequently used by some HLR vendors, for example. This bug will cause Eagle to report decoding problems for valid messages.
138886		3	Resolved	Defer	Command recall on Telnet Terminal copies quotes from one command to another	Command recall in some cases does not reflect actual command characters. Work around until fix is avaiable is to manually remove additional quotation marks before executing command.
138887		3	Resolved	Defer	Rel 40.1_Fast Copy : UAM needed when FC de-activated b/c of IP link auto-negotiation failure	There is no alarm for FC being deactivated when the port is not 100 M full duplex. The user has to notice the UIM or look at the port status.
138921	Y	3	Resolved	Defer	OAM removes charcter from SEAS command.	In rare cases character drops (on SEAS terminal) causing command to fail.
138950		3	Resolved	No-Fix	R41_FLOBR: Error code E2055 text is not consistent for different values of acn in ent-gta command.	None
139014		3	Resolved	Defer	FLASH-CARD Command fails on E5-MIM/E5-IPSM Cards	This has not been seen regularly. If this occurs init-flash:loc=xxxx:gpl=blvxw6 can be used to get the gpl onto the board. After this image is loaded and the act-flash:gpl=blvxw6 command has been issued, the subsequent flash-card will work.
139015		3	Resolved	No-Fix	mtos_msb.c Line 417 Class 1012 Severity 1 when ent-trace triggered many times	None
139028		3	Resolved	Defer	scmg_vcp.c Line 685 Severity 1 seen after an init-network command	requires cusotmer to reset card, and then not seen often and when it does card will recover on its on. Will just take a little longer to recover.
139030		3	Resolved	Defer	E5-MCAP flush mount usb driver never loads after defective flush mount usb was inserted.	Must reboot E5MASP to clear problem (i.e. be able to use either the Removable USB or credit card USB drives again). Should have low probability of occurring as USB devices are tested before shipping.
139046		3	Resolved	Defer	netstat -i not displaying complete information for Fast Copy GEI Interfaces	As this is a debug command, the only impact is on TAC when trying to troubleshoot issues on the fast copy port.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139052		3	Resolved	Defer	R41: Module dbcdegtt.c observed on GPSM card	To get the ATH sccp conversion must be on and the customer must specify pctype=ituis or pctype=ituns. the UI parser definition for the rtrv-gta command does not map ituis and ituns appropriately. The net effect is that customers will not be able to filter gta's via ituis or ituns. A workaround is to not specify pctype.
139160		3	Resolved	Defer	Module mdb_hcl.c Severity 1ATH when adding an SS7 SLK to an M2PA IPSG linkset	When a M2PA link is being added, an invalid event is seen E5E1T1 card. This event should not be seen on SS7HC card, however, if it does come SS7HC application ignores it and raise an error There is no operational impact..
139329		3	Resolved	Defer	mcc.queue Sev 1 trouble on E5OAM while executing a flash-card on the oamhc	There is no impact. These ATHs can be ignored. Basically the messages are intended to be delivered to the Standby MASP, but the standby is inhibited and cannot process the message. Not a problem as the messages should have just been quietly released.
139343		3	Resolved	Defer	tks_md.c line2217 Severity 1 appears during an init-network	No impact. It is an internal message being discarded.
139364		3	Resolved	Defer	E5SM4G Card obit TCP_MGR.C line 709	the TCP connection establishement between DSM card and EPAP is in progress and the connection gets aborted in between (before the connection was established sucessfully) from the EPAP side, then the DSM card would OBIT. After the DSM card comes up it would be ready to become the primary DSM again if the need arises.
139382		3	Resolved	Defer	Resource contention issue on E5IPSM card during remote backup	There is minimal system impact. The second command did not actually run (as indicated by the failure). This command actually should have been rejected as not runnable due to the first command in progress. The command can be run once the first command completes.
139385		3	Pending_Review	No-Fix	Telcordia-FT - MTP Restart (Full) - Preventive TFP on Secondary Route Sent After TRAs Sent (ANSI)	There is a small window where traffic may be sent before the TFPs are sent. This would cause a TFP response as well.
139386		3	Pending_Review	No-Fix	Telcordia-FT - MTP Restart (Full) - TFPs Sent After Instead of During Full Restart (ITU)	There is a small window where the far end could send traffic before the TFPs are sent. The TFP will be the response in those cases.
139387		3	Resolved	Defer	Telcordia-FT - MTP Restart (Full) - Response Method TFPs Sent Sporatically When Traffic Received During T23	There is no impact to the customer.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139388		3	Pending_Review	No-Fix	Telcordia-FT - MTP Restart (Adjacent) - Preventive TFPs Sent After Instead of During Adjacent Restart Procedures	There is a small window where the far end can send MSUs before the TFPs are sent. However, a TFP would be the response.
139389		3	Pending_Review	No-Fix	Telcordia-FT - MTP Restart (Full) - T23 Stops Prematurely	There is no impact to the customer
139390		3	Resolved	Defer	Telcordia-FT - MTP Restart (Full) - Missing TFP broadcast During T24	TFPs were not sent, which means that the far end would not realize that a desintation was unreachable until it send traffic for that destination and the EAGLE responds with TFP. However, it will respond with the TFP
139391		3	Resolved	Defer	Telcordia-FT - MTP Restart (Adjacent) - TFP Concerning Prohibited Routes Not Sent When First Link to Adjacent Restarting Node	Since the TFP was not sent, the far end will not know the destination is unreachable until it sends traffic to that destination. However, the EAGLE will respond with a TFP.
139405		3	Resolved	Defer	R41:ent-trace output displayed garbage values for EIR message.	No affect on MSU processing. ENT TRACE message may show garbage data in the scenario mentioned in PR description
139434		3	Resolved	Defer	Module ecam_utl.c Line 501 Class 01d0 Severity 1	The ATH indicates an failed attempt to access the event log (ELOG) on STB FIXED DISK. The system should instead indicat the Event log can not be currently accessed. There is no operational affect.
139459		3	Resolved	Defer	output for IPSG 'card' not aligned in rept-stat-sys	Just the visual impact of columns not aligning.
139503		3	Resolved	Defer	IDPR: Flaw in ccncchk SA when CCNC not provisionned in the CSL table.	if a customer would like to test an MSU with the NPP tool which is failing and flexible IDPR generating a TTR error due to CCNC not provisioned in the CSL table, the NPP tool is not helpful since it does not give any indication regarding the result of the CCNC check.
139522		3	Resolved	Defer	R41:MEAS: Sev1 meau_oam.c and meau.c are observed with MCP configured	The ATHs are generated due to a timeout requesting meas data from the MCP. The data is being requested for output to SEAS so the problem scope is limited to those system with SEAS. Also the problem is intermittent, and has only been observed following the 2400 collection period.
139541		3	Resolved	Defer	Telcordia-FT - Incorrect Text in MTT When Attempting to Provision ATM Links in ITU-N24 Network	misleading MTT error if customer tries to provision a ATM link into a linkset with an 24-bit apc/sapc.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139568		3	Resolved	No-Fix	SCTP retransmits are not always the configured amount -counter is pegged twice when port goes down	No customer impact would be seen.
139608		3	ReadyToTest	Active	EOAP System Manual Clean up	
139626		3	Resolved	Defer	dualcore comm side error	This issue affects the EPMB not yet in production or even in the PV cycle. The problem appears to also exist in the E5-MCAP but no adverse effects are currently observed in that module because of this PR.
139694		3	Resolved	Defer	assorted control characters appear after login on VT320 terminals intermitttently	No system impact. Display could have some anomolies after MASP reboot. A refresh of the terminal F11 will correct the issue.
139723		3	Resolved	Defer	Both MCP cards status becomes Primary.	When both MCP cards are primary, measurements are collected by both MCPs. Issues arise when each MCP attempts to transfer the collected peg counts to the other MCP. This operation will fail will 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
139774		3	Resolved	Defer	GS FT: Shutdown ACK retransmits handling is not correct for Multihomed Peer	Graceful Shutdown of an association initiated from peer may take more then usual time in case of a multi-homed association with network problem, as the SHUTDOWN-ACK may be sent multiple times to the IP host with the network problem.
139775		3	Resolved	Defer	GS FT: IPSG SHUTDOWN-RECEIVED state, MSUCOUNT keeps on increasing though no new DATA packets are sent on the network	This problem scenario can only be possible if SACK is not sent from the peer for any Tx data packet sent from IPSG when IPSG is in a SHUTDOWN-RECEIVED state, and to keep the path reachable peer replies to the HEADRBEAT from IPSG with HEARTBEAT-ACK. This is not a normal behavior protocol behavior in the SCTP Graceful shutdown where the peer is supposed to send the SACK for the received data.
139777		3	Resolved	Defer	SCTP: Incorrect verification Tag in INIT sent after sending Abort in reply to INIT-ACK	The problem only comes under some error scenarios: when INIT is sent after sending Abort in reply to INIT-ACK or after "Stale Cookie" Error is received by Eagle. After receiving Abort in reply to INIT with incorrect verification Tag , the correct verification tag would be sent.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139779		3	Resolved	No-Fix	R41:TBGTTLS: Traffic loss while route changeover is happening with TBGTTLS Method applied	When a PC is going Prohibited, and is part of a WGTTLS or TBGTTLS MRN/MAPSet, there is a delay before Layer 4 is notified about the PC being down. During this window, traffic may be routed to an OOS PC, and then discarded (UDTS). The window depends on the size of routing table, etc., so may be in the 10s of ms.
139899		3	Resolved	Defer	Level 2: Transmiting SIPO from INET then SIOS causing an Sevirity 1 issue	This happens when the Eagle receives a remote processor outage message from the far end, and then before the T1 timer for the concerned link(s) can expire a craftsperson deactivates the link on the far end. The link(s) come back into service normally when it is reactivated, so this does not cause any problems.
139906		3	Resolved	No-Fix	Telcordia-FT - 6-Way - Missing TFA Broadcast When 50% of Normal Route Becomes Available	This is not just a 6-way problem, but also applies to normal routing. If a DPC moves from prohibited or restricted to normal-restricted, and then to allowed, we are not broadcasting TFAs. However the correct state is dtermined over time with route-set test, so not broadcasting TFAs does not cause any problems.
139907		3	Resolved	No-Fix	Telcordia-FT - 6-Way - TFR/TCR Broadcast When TFA/TCA Expected	The destination will soon move to Allowed from Restricted as part of the routeset tests, so the customer will not notice the discrepancy. The issue here is that the EAGLE's distributed nature cannot properly account for NM traffic for a given destination when sent roughly at the same time to different cards.
139950		3	Resolved	Defer	VFLEX : No PARM SET/SEQ in TCAP results in Severity 1 ATH.	Customer gets an ATH instead of an UIM for discard traffic.
139951		3	Resolved	Defer	EIR :No PARM SET/SEQ in TCAP results in Severity 1	Custopmer gets an ATH for discarded MSU instead of an UIM.
140023		3	ReadyToTest	Active	OAMHC symbol mismatch impacts upgrade process	E5-EOAM card will not upgrade to target release unless OAMHC gpl is loaded.
140046		3	Resolved	Defer	cmt_bfr.ASM Line 1259 Class 01cc during upgrade	The problem caused the card to double boot during network conversion. The net effect was that the card took a minute or two longer to come on line.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
140047		3	Resolved	Defer	Eagle does not report correct status of Error Interval Monitor (UIM)	EIM works correctly and brings down the link after 5 errored intervals, but the l2_stats option on rtrv-slk shows the cause as SUERM. A valid alarm showing that the link dropped because of ERM is issued, and shows as the alarm status of the link as long as there is not a higher priority alarm active at the same time. NOTE: HSL use ERM instead of SUERM so an infurmed user will still understadn the correct reason the link failed. Note that this problem applies to both SE-HSL and ST-HSL-A.
140120		3	Resolved	Defer	FC App de-activated on IPSG with 272 B MSUs at 5000 TUC	Fast copy monitoring is lost when traffic nears 100% of rated IPSG card capacity when in extreme configuration.
140147		3	Resolved	Defer	Telcordia-FT - Missing Preventive TFP Concerning X-List Member Before Rerouting to Previously Unavailable Route	We should have already sent a TCP to STP1, so when we start using STP1 for SPC1, we don't send another TFP. So, there should be no impact. even if this was not done the EAGEl will send a TFP to any new traffic recieved on this link.
140148		3	Resolved	Defer	Telcordia-FT - Nested Cluster Routing - Eagle Sent Incorrect TFR re: SPC1 on Current Route to SPC1 T11 After L4 Failed	The next MSU that MSTP sends to SUT for SCP1 will get another response TFP, so MSTP quickly finds out that route to SCP1 is prohibited still.
140184		3	Resolved	Defer	DDBE:Command is not rejected when AUDTYPE=UC/MC is given with ACTION=DISP with one optional parameter	No system impact as the the dbg-ddb command execution just ignores the audtype parameter when its passed with parameter action=disp and other optional parameter. System should not allows use of audtype parameter with action=disp.
140221		3	Resolved	No-Fix	Receive no notification to OAM when threshold exceeds 472 on ST-HSL-A UT1 link	no fix
140222		3	Resolved	Defer	R41_TOBR:Incorrect error code if only OBSR is ON and cdgtasn is specified with eaglegen in ent-gttsel command.	Customer will have to use manual to understand incorrect paramater combination.
140237		3	Resolved	Defer	R41:GTTSET Count Should be displayed with ENT/CHG/RTRV-GTTSET and TBL-CAPACITY.	Customer would have to manually count to determine how many of the 2000 GTTSETs are in use.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
140316		3	Resolved	Defer	OBSR:Not able to send the OBSR traffic using gttsets which were created before turning ON OBSR.	This is an OBSR specific issue This problem will come only if CG selector search results in a set having gttsetIdx=0 and GTT hierarchy is one of the following OBSR hierarchies: 1) CGPA only 2) CDPA-CGPA 3) CGPA-CDPA In the other ADV-CDPA hierarchies, data is being correctly initialized in gtt_get_translation_data function. Those sets with a problem will have to be rebuilt to work with OBSR.
140351		3	Resolved	Defer	Telcordia-FT - Early Response TCR	Sending a TCR early instead of after T11 may cause traffic to be diverted even though the main path recovers.
140374		3	Resolved	Defer	R41_TOBR:Incorrect error text is displayed when invalid value is specified in TCAPACN parameter in CHG-SCCP-MSG command.	Customer will need to chaeck commands in commands manual to undestand valid values for the TCAPACN parameter.
140402		3	Resolved	No-Fix	TM: Module uias_cmd.c Line 357 Class 01d0 Severity 1	Negligible. Customer see's an ATH. Thats about it.
140420		3	Resolved	Defer	HIPR - Packet sequencing issues on FC recieve	Incorrect sequence number in DSU packets does not adversely affect any current operational software. Also it takes a very large number to cause the issue.
140435		3	Resolved	No-Fix	Module uplu_aft.c Severity 1 ATH during upgrade to R41.0	The ATH has no system impact. The only known way this ATH can be triggered is by attempting a cancel command during the upgrade. The upgrade command is not cancellable so the cancel is ignored.
140454		3	Resolved	No-Fix	Severity 1 ATHs on EAGLE during upgrade	None
140494		3	Resolved	Defer	R41: With 1Lakh SSNSELID table full, ENT-GTTSEL is rejected but CHG-GTTSEL is accepted	If the customer needs to chg an entry when SSNSELID is full then they will have to use CHG-GTTSEL and not ENT-GTTSEL.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
140597		3	Resolved	Defer	CSV file corrupted for comp-sctpasoc	Customer measurement processing platform can not process the file affected due to this issue. This issue occurs every day and always for the same interval time. This problem does not adversely affect the operation of the Eagle or the validity of the valid SCTP-ASSOC report entries. The problem can be corrected by TAC with engineering assistance if the customer so desires.
140598	Y	3	Resolved	Defer	GSM MAP screening action: changing from pass to route triggering error command 4880	Customer can not directly change a screening rule from pass to route. The customer must change the rule first from pass to forward and from forward to route.
140665		3	Resolved	Defer	Able to incorrectly add associations to non-IPSG/IPGW cards	Customer could incorrectly add associations to an IPSM card.
140667		3	Resolved	Defer	Card 1217 Module mc_mgr.c Line 1610 Class 01d0 Severity 1	The secondary MCP card received a message that was out of phase with the card state. The anomaly was recorded via ATH and no other action was taken. The primary and secondary MCPs resume normal operations.
140670		3	Resolved	Defer	L1mode and tset parameters are no longer valid for the ent-slk command	Customer will see and be able to provision slk->tset and slk->l1mode for V.35 links nbut they will have no effect. As V.35 cards will not work in this release.
140718		3	Resolved	No-Fix	adl_mgr.c OBIT during upgrade	This type of issue should not arise at a customer site. The health check analysis should identify the issue with the bouncing alarms and have the issue reticfied before the upgrade is performed.
140777		3	Resolved	Defer	Module clc_mcap.c Line 614 Class 01c3 Severity 1 error prints out after incremental upgrade	If there is every a maintance build for a release with this bug and the customer has E5 OAMs they could see this trouble.
140795		3	Resolved	Defer	E5MASP :SEV-1 "dbcd_dcm.c" is getting observed on E5MASP cards.	Tekelec has only observed this internally on one occasion. Deleting and re-entering association cleared the problem.
140864		3	Resolved	No-Fix	Register NDCLFSYNC from the AVL group	No-Fix indicated by development
140903		3	Resolved	Defer	FTR4.2:PC based ATH SEV-1 "\sw_eagle\gpls\common\hex_utl.c line_num" is getting observed on FTRA for "rtrv-gta" command.	While retrieving with the "rtrv-gta" command, an ATH is produced and the .CSV file is been generated. When we open that file it is not displaying values for parameters "startgta" & "endgta" having XLAT=UDTS/DISC. This problem is coming on the UNIX(solaris) machine.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
140980		3	Resolved	Defer	sev 1 ath from measurement module(meascdwr.c)	This problem does not impact system operations. The ATH is an indication that meas data was not correctly written to disk. With collect=off, the data should not be written to disk anyway.
141039		3	Resolved	Defer	links status is shown as OOS-MT by rept-stat-card command even when links are up on card	The problem was seen after continuous bouncing of large nunber of links for few hours. Initializing the affected card will correct the "IS-NR" link status that is shown.
141072		3	Resolved	Defer	SNM directed to IPGW endpoint's DPC silently discarded	Without a peg that the SNM was discarded the customer does notrealize why the SNM was not sent.
141073		3	Resolved	Defer	During Upgrade Phase 3 - two different DSMs are marked as Primary causing bouncing primary DSMs	During the network conversion (Phase 3), the SCCP cards could report multiple Primaries when these cards are being individual upgraded. This is a reporting error and could create UAMs that indicates the MPS system is bouncing. This is not the case because the one Primary card is up and running (IS-NR) and the other card is loading. Once all SCCP cards were converted, the system will return to normal.
141084		3	Resolved	Defer	MAP MRN Table has incorrect initialization of BTree Free List.	The customer impact affects only FTRA 4.2, for rtrv-map, and was fixed by a work-around in REL 41.0 with PR 140796.
141103		3	Resolved	Defer	MCAP Reference	Customer will need to consult the HW baseline to find the correct cards to support master timing.
141104		3	Assigned	More Information	Missing Error Numbers	
141161		3	ReadyToTest	Active	E2048 not documented in commands error recovery manual R39.2/R40 910-5378-001 Rev B	Customer can not find detailed information from the customer documentation to run the right command
141314		3	Resolved	Defer	IP M2PA measurment peg count is off by one (CNTLCHKR)	Measurement register cnltchkr may be off by one.
152325		3	Resolved	Defer	E5OAM cards fail to boot from inactive partition.	If the customer issues the alw-card:loc=<stdby>:code=inactiveprtn before the card has come back up, then the card will not get the notification that it is to boot from the inactive partition and will revert to the active partition. The procedure steps involved with the use of this command should include a verification that the card is up and ready to receive the notification.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
152331		3	Resolved	Defer	Active E5-MASP booted with ath_vxw_mgr OBIT	The MASP boot causes a role change that will interrupt any operations in progress. After the role change, normal system operation continues.
152335		3	Resolved	Defer	During upgrade, SM4G cards rebooted with ath_vxw_mgr obit	Customer will see obit after flash but it will not impact upgrade.
152345		3	Resolved	Defer	E5 MCAP IMT LED GOES AMBER UPON PULLING HIPR	When the E5-OAM is off an IMT bus, the IMT LED color shines amber instead of red, which can confuse the operator.
152378		3	Resolved	Defer	Link congestion causes Dynamic database Audit Failures with Major alm output.	The DDB inconsistency in this case is a transient stage and it will clear away as soon as the link congestion clears.
152418		3	Resolved	Defer	MCC in BLMCAP does not correctly forward all multicast messages to COM	The customer may see a trouble but there is no operational impact.
152467		3	Resolved	Defer	Incorrect reporting from output of rept-stat-clk command when disconnecting BITS clock	rept-stat-clk may incorrectly show good clock status for the E5OAM when such is not the case. The clock status shown for the individual LIM cards will be properly shown as FAULT in this case when mode=full is indicated. Note this is a problem on E5OAMs only.
152546		3	Resolved	Defer	ST-HSL-A FELINE and FEPAYLOAD loopback activated without dactivating the slk.	The Eagle works correctly regarding accepting requests from the far end for line or payload loopbacks. The only problem is that a "rept-stat-t1" does not show a secondary status of loopback.
152625		3	Resolved	Defer	MCP Card Outputs Trouble	The problem causes the 200,000th LRN DTH entry (the last possible entry) not to be processed. This means that the last LRN in the daily LRN report will not be accurate. Since the daily report is an aggregation of the hourly reports, the missing peg counts can be retrieved from the hourly reports and added to the daily totals. The hours in question would be the hour prior to the occurrence of the mdth ATH.
152631		3	Resolved	Defer	RTDB Database Alarms Are Not Generated For SCCP CardsThat Are Booted	The EAGLE will not be notified that a booted service module card has reloaded its RTDB and is now processing RTDB-based traffic. There is no impacts on traffic processing. These alarms are informational only and do not indicate that action is required on the part of the customer.

Table RN-11. EAGLE 5 ISS 41.0 Known PRs (1/14/11) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
152649		3	Resolved	Defer	rept-stat-mon does not show Cards denied eroute service	Rept-stat-mon is slow to display eroute cards denied service when the system goes into overload. The report does correctly display the data 10 mins later.
152797		3	Resolved	Defer	IPSG card generating pmtc_lim.c and hcb_thrm.c severity 1 when card exceeds/clears temp alarm	The only impact to the system is the generation of ATHs when the thermal levels transition between NORMAL and T1.

Table RN-12. EAGLE EMS 41.0 Known PRs (09/10/09)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
129698		3	Resolved	Defer	EMS: Misleading error in CMI	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
129942		3	Resolved	Defer	EMS - Time not specified in the logs	Legacy Harris Smart Agent Issue. With R41.0 additional user and system logs are available thru the CMI to help trace activity.
130187		3	Resolved	Defer	Memory leak in CMI 1.7 (HSA 6.9) related to PTC	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130394		3	Resolved	Defer	EMS: ARI script execution from cron failed.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130633		3	Resolved	Defer	EMS - Autologout not implemented while switching between CMI pages	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130797		3	Resolved	Defer	EMS - Script execution successful with CLLI mismatch	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130798		3	Resolved	Defer	EMS - Play Button on Run Script page does not work at times	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130855		3	Resolved	Defer	EMS - Manual creation of destination directory for archival of reports	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
130951		3	Resolved	Defer	EMS - Incorrect Graphical Display on deletion from DB	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-12. EAGLE EMS 41.0 Known PRs (09/10/09) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
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 - HTML produced from CDT does not render the first command. Eagle EMS DEV is hand producing the HTML for the first command until CDT is repared.
134402		3	Resolved	Defer	EMS - No indication to user on click of Play button regarding stopped port	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
135720		3	Resolved	Defer	Change "rack" references to "frame" in EMS	None - not an operational defect
135887		3	Resolved	Defer	EMS: Listing of non-existing EMS users	The CMI is operating the same as it has in the past. The cusotmer will have to manually remove entries.
135924		3	Resolved	No-Fix	EMS - "Help Document Link Not Present"	If the command is wrong then the command can be entered in the free command area of the CMI. If the hmtl is missing then the customer should use the Commands Manual which is the official source for help
136278		3	Resolved	No-Fix	EMS: Command parameter type mismatch.	Improper commands can be entered in the free text area of the CMI, bad html can be resolved in the official Commands Manual.
136279		3	Resolved	No-Fix	EMS: Incorrect parameter range.	The Command set exposed thru the CMI and the HTML do not match. Improper commands can be entered in the free text area of the CMI.
136280		3	Resolved	No-Fix	EMS: Extra parameter(s) listed on CMI gui.	Improper commands can be entered in the free text area of the CMI, bad html can be resolved in the official Commands Manual.
137533		3	Resolved	Defer	EMS : Incorrect OAM measurement data in Db.	Legacy Harris Smary Agent (SMA) PR. No immediate impact to EMS users.
137534		3	Resolved	Defer	EMS : OAM .meas data not being inserted to Db.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
137535		3	Resolved	Defer	EMS : Multiple entries for report parameters.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-12. EAGLE EMS 41.0 Known PRs (09/10/09) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
137890		3	Resolved	Defer	EMS - Unable to run command for values xy09,ab10	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
137973		3	Resolved	Defer	EMS - Display message not updated on Schedule Cron Page	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
137977		3	Resolved	No-Fix	EMS - Mismatch of Command Class between CMI/Eagle help and HTML files.	The Command set exposed thru the CMI and the HTML do not match. Improper commands can be entered in the free text area of the CMI.
138162		3	Resolved	Defer	EMS : Incorrect and duplicated inventory data in DB.	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.
139969		3	Resolved	Defer	EMS : Corba xml result file	Legacy PR - works as currently implemented. Tekelec wants to investigate.
139970		3	Resolved	Defer	EMS: Corba option returns exception.	Legacy PR - works as currently implemented. Tekelec wants to investigate.
140003		3	Resolved	Defer	EMS - Invalid choice during package installation	Legacy PR - works as currenly implemented. Tekelec want to investigate.
140315		3	Resolved	Defer	EMS-Unable to schedule Script in CMI	The customer will never see this problem because the CS/PS Tekelec person will perform the installation/upgrade per the manufacturing guide to change the file permissions.
152420		3	Resolved	Defer	EMS - CMI hangs when IPSM card is inhibited	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
152905		3	Resolved	Defer	EMS: CMI hangs on abrupt script stop.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
153130		3	Resolved	Defer	EMS : Long script execution.	Low. The script works the results are just dropped off. The user can run the script in the background if desired but the display is chopped off.
154883		3	Resolved	No-Fix	EMS : Issue with script execution	There are no problems with this script - it is not used.
155050		3	Resolved	No-Fix	EMS - Wrong dump file name:-	There is no impact on the customer. This was an internal build error.
155051		3	Resolved	No-Fix	EMS - EMS_VER table not updates after upgrade	No work around needed.

Table RN-12. EAGLE EMS 41.0 Known PRs (09/10/09) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
155052		3	Resolved	No-Fix	EMS - Restore aborted during 41.0.1 to 41.0.0	There will be no impact to the customer. This was an internal build issue.
155731		3	Resolved	Defer	EMS: Update inventory schema files	

Table RN-13. EPAP 12.1 Known PRs (6/18/10)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
44629		3	Resolved	No-Fix	Unable to coldstart DSM cards EPAP-DSM 10 Base T Port B Interface	Customer may experience problems cold-starting DSMs on the dsm-b network when the dsm-a network is down.
59258		3	Resolved	Defer	Unless all DSMs are disconnected from A DSM network, EPAP does not send data to B network. Could result in traffic loss.	DSMs that have lost their A port connectivity will not receive new updates until all DSM cards have been removed from the A network
61470		3	Resolved	Defer	Reload RTDB from PDB stuck in phase 2	The situtation is cleared by simply stopping and starting the EPAP software. The bigger problem is that the customer may not notice that the reload is hung for a long time.
113559		3	Resolved	Defer	EPAP upgrade procedure requires work around to correct syscheck profile post-upgrade	If an EPAP node was made a provisionable after release 5.3.x and upgrade to 5.3.x was performed incorrectly, then the syscheck profile will be incorrect post upgrade. After subsequent upgrade to release 7.0 or higher, a provisionable server with the incorrect syscheck profile will not be able to restart the PDBA application until syscheck profile is manually corrected.
121288		3	Resolved	Defer	DSM and SM4G cards OBIT in module pvdlvmsg.c Line 2620 while running Eagle boot script.	Customer must swithc activity between EPAPs to clear condition.
123948		3	Resolved	Defer	EPAP fails to alarm when RTDB hits 96m DN's	Customer may not be away that capacity has been reached.
132897		3	Resolved	Defer	EPAP Configuration section of EPAP Administration Manual needs to be updated	Customer must contact Tekelec to complete this procedure.

Table RN-13. EPAP 12.1 Known PRs (6/18/10) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
133082	Y	3	Resolved	Defer	EPAP: Customer is reporting GUI malfunction and is unable to determine server status or perform various functions via GUI.	Customer is unable to determine server status or perform various functions via GUI. Customer must contact Tekelec to assist in re-starting the GUI server process.
133362		3	Resolved	Defer	120M_EPAP: Wrong error message displayed when we give non-hexadecimal value "#" in "ID to add" field for Add NE.	Error may not be clear to the customer.
133506		3	Resolved	Defer	Informational banner messages linger	Informational banner messages for multiple automated exports may remain scrolling and require the customer call Tekelec to clear.
133602		3	Resolved	Defer	obsoleted calls to rcs_rollback need to be removed & possibly replaced	No impact to the customer. Error messages regarding call to obsolete function may cause concern.
133817		3	Resolved	Defer	Realtime Export on large database does not indicate it has completed	Customer may need to monitor growth of export file (ls -la <file>) and the existence of the export process (ps -ef | grep port). If the file has the (# timestamp) line at the end of the file and the process is no longer around, the export is done. Customer must then call Tekelec to clear the banner message.
135377		3	Resolved	Defer	RTDB Copy (rsync) fails due to insufficient space in /var/TKLC/epap/rt/	RTDB Copy will fail when /var/TKLC/epap/rt/ File System usage increases beyond a certain point (> 105M). A manual work-around can be executed to allow the copy to complete successfully.
135486		3	Resolved	Defer	Rel40-ASD_EPAP: Correct error message is not displayed for provision more then 1M ASD entry.	No operational impact. If the customer is using the Web GUI at the time they provision more than 1 million unique ASD for DN or DN Block, then they will get 1046 but no textual description.
135491		3	Resolved	Defer	Rel40-ASD_EPAP: EPAP doesnot allow to enter 1M ASD entry using import script.	To see this PR, a customer will have to be very near capacity, and bundle updates that will take them over capacity. Workaround is to delete ASD to get below capacity limit, then reload RTDB from PDBA.
135492		3	Resolved	Defer	Rel40-EPAP: Date is not visible in the workspace section of EPAP GUI.	Customer will be not able to see the date and time in the workarea of EPAP GUI.
135677	Y	3	Resolved	Defer	Allow continuation of Port Forwarding to EPAP VIP While PDBA in Replication Error State	In the event repl errors are encountered after restoration of the Active PDBA server, the repl errors will need to be cleared before provisioning to the VIP address can continue.
137818		3	ReadyToTest	Active	Remove implementation data from EPAP 12.0 Fetaure Notice	

Table RN-13. EPAP 12.1 Known PRs (6/18/10) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
138608		3	Resolved	Defer	EPAP 12.1-TIF NS-User should not allow to enter 15 digits prefix. The maximum length for prefix should be 10.	If a customer enters a prefix of greater than 10 digits, then subsequent attempts to enter valid DN's of 5 digits (or greater) will fail. WORK AROUND: 1. Confirm that the prefixing value is too long. Go to PDBA->Maintenance->Number Prefixes->View Prefixes on the Web UI. Problematic values will have more than 10 digits for either DN/DNB/NSDN or IMSI prefixing. 2. Reduce the prefixing length via PDBA->Maintenance->Number Prefixes->Change Prefixes on the Web UI, so the prefix is less than 10 digits long. Any digits that you subtract from the end of these prefix strings can be entered manually with in each PDBI command. Prefixing is just an easy way to avoid repeating digits in DN/DNB/NSDN and IMSI IDs when sending PDBI commands. Of course, in no event are these IDs allowed to go beyond 15 digits in total length. Commands that may have failed because the prefixing was too long will need to be re-entered.
138683	Y	3	Resolved	Defer	EPAP- Not able to set up SSH connection for PDBI	Customers cannot set up SSH connection for PDBI, without allowing ICMP ping access through any intermediate firewalls.
139668		3	Resolved	Defer	EPAP 12.1:TIF-NS: Different values of ST parameter for DN/DNB update window.	No functional impact. GUI will show more information (ST=Private) than is needed on DN/DNB update screens.

Table RN-13. EPAP 12.1 Known PRs (6/18/10) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
139669		3	Resolved	Defer	EPAP 12.1: Force parameter is not working correctly for DN datatype.	Customers should not use ent_sub() with force=yes to update existing DN records with new ASD or TIF values (ST and NSDN). Doing so will, as this PR explains, cause ASD or TIF values on these DN to be retained in PDB (incorrect) and not retained in RTDB (correct). WORK AROUND: Normal create and update channels work fine to create and update DN records. So just perform update on records that exist, or delete them and then create them with any new info you want them to have. For records that may already have the problem, some work is required. We do not have a PDBA to RTDB audit feature, so the best way to find potentially faulty records is to search pdba.cmd file in the log directory for instances where the force parameter is used with any of these parameters also present: st, nsdn, asd. Then retrieve these records and see if they have the info you want them to have. If they don't, it is safe to perform a normal update on them. This update will correct the record in PDB, and will ensure PDB and RTDB sh
140151		3	Resolved	Defer	EPAP 12.1 upgrade hangs in myisamchk app	After change (not fix) was made in R12.1, myisamchk may not complete during upgrade, but this will have no impact on the upgrade. Workaround: Disable myisamchk (rename executable) prior to upgrade.
140443		3	Resolved	Defer	EPAP 12.1: DN is getting updated with SP and RN network entity together.	If a user creates a DN and DN block with SP then executes an "upd_sub" command with an RN that doesn't exist and do NOT specify "sp none" the DN & DN Block show both RN & SP. DNs or DN blocks with this combination of SP & RN will have unpredictable routing behavior. Eagle SM code assumes this combination of NEs is mutually exclusive in many places. This bug was introduced in EPAP 9.5 with the VFlex feature and has not been reported in the field or through feature/system test until now.
141266		3	Resolved	Defer	Automatic PDB backup logs should be automatically deleted along with old PDB backups	Log files will build up over time. If left unattended, eventually will cause disk space alarm. User will have to remove log files manually.

Table RN-13. EPAP 12.1 Known PRs (6/18/10) (Continued)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
152448	Y	3	Resolved	No-Fix	Warm restart of 25 E5SM4G card failed to warm start with OBIT pvdlvmsg.c P2T-OUT.	The time for the affected SM cards to return to IS-NR will be extended. For upgrades will need to set thershold at 25%.
153241	Y	3	Resolved	Defer	EPAP Firewall Port Assignment Chart needed in Customer Documentation.	Need assistance when installing a new EPAP server. The configuration port data needs to be in customer documentation and updated to include MySQL and other port data.
153474	Y	3	Pending_Review	Monitor	EPAP /var/TKLC/epap/logs directory 100% full, thereare no alarms on the GUI or in syscheck.	Customer reported the EPAP /var/TKLC/epap/logs directory was 100% full, but they did not get any alarms on the GUI or in syscheck.

Table RN-14. FTRA 4.2.0 Known PRs (06/26/09)

PR #	CSR?	Sev	Status	Dispo-sition	Title	Customer Impact
117891		3	Resolved	Defer	FTRA 4.0: TZ for RTRV-STP is displayed in GMT instead of IST for Windows Secure /Non Secure FTP Connection	Depending upon the JRE installed on the system the timezone may be displayed as an abbreviation like 'IST' or as 'GMT+5:30'. Both mean the same.
118900		3	Resolved	Defer	FTRA_40.11: When OAM card is inited ,with a DELAY of 10 minutes timeout message (FTRA failure) is shown.	During the Telnet session of FTRA with Eagle, whenever any command is issued from FTRA to Eagle, FTRA waits for the command response untill maximum timeout value of 10 minutes. This is an FTRA feature. So, if a response is not received on a command like rtrv-gpl due to OAM being inited, FTRA takes 10 mins to exit the session. This is Normal and has no system impact as such.