

Tekelec EAGLE[®] 5
Integrated Signaling System

Release 40.1

Release Notice

910-5563-001 Rev E

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TEKELEC

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Patents

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

U.S. Patent Numbers:

5,008,929; 5,953,404; 6,167,129; 6,324,183; 6,327,350; 6,606,379; 6,639,981; 6,647,113; 6,662,017; 6,735,441; 6,745,041; 6,765,990; 6,795,546; 6,819,932; 6,836,477; 6,839,423; 6,885,872; 6,901,262; 6,914,973; 6,940,866; 6,944,184; 6,954,526; 6,954,794; 6,959,076; 6,965,592; 6,967,956; 6,970,542; 6,987,781; 6,987,849; 6,990,089; 6,990,347; 6,993,038; 7,002,988; 7,031,340; 7,035,239; 7,043,000; 7,043,001; 7,043,002; 7,046,667; 7,050,456; 7,050,562; 7,054,422; 7,068,773; 7,072,678; 7,075,331; 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;

Foreign Patent Numbers:

CA2033880; CA2351375; CA2292962; CA2352246; EP1135905; EP1161819; EP1169829; EP1173969; EP1177660; EP1192758; EP1247378; EP1252788; EP1266528; EP1269764; EP1285545; EP1303994; EP1308054; EP1314324; EP1371246; EP1425932; EP1556778; EP1715658;

Ordering Information

To order additional copies of this document, contact your Tekelec Sales Representative.

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Introduction

This *EAGLE 5 Integrated Signaling System (ISS) 40.1 Release Notice* is updated to include the GPLs and Resolved PRs for EAGLE Release 40.1, Build 40.1.5-62.13.36. This Release Notice includes EAGLE Release 40.1, Build 40.1.0-62.13.19; EAGLE Release 40.1, Build 40.1.1-62.13.31; EAGLE Release 40.1, Build 40.1.2-62.13.33; EAGLE Release 40.1, Build 40.1.3-62.13.35; EAGLE Release 40.1, Build 40.1.4-62.13.34; ECAP 40.1, Build 40.1.0-10.12.0; and EAGLE EMS 40.1, Build 40.1.0-110.4.0.

The *EAGLE 5 ISS 40.1 Release Notice* includes:

- Resolved PRs for EAGLE 5 ISS 40.1, 40.1.1, 40.1.2, 40.1.3, 40.1.4, and 40.1.5
- Resolved PRs for ECAP 40.1
- Resolved PRs for EAGLE EMS 40.1
- Generic Program Loads for EAGLE 5 ISS 40.1.0, 40.1.1, 40.1.2, 40.1.3, 40.1.4, and 40.1.5
- Known PRs for EAGLE 5 ISS 40.1
- Known PRs for ECAP 40.1
- Known PRs for EAGLE EMS 40.1

Release Notices are distributed to customers with a new software release at the time of General Availability (GA) or Limited Availability (LA). EAGLE 5 ISS Release 40.1 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 **Login**.
Or, if you do not have access to the Customer Support site, click **Need an Account?**
Follow the instructions on the screen.
NOTE: After 20 minutes of inactivity, you will be logged off, and you must repeat this step to regain access.
- 3 After successful login, select a product from the Product Support drop-down menu (for example, EAGLE 5 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
910-5545-001	The <i>Commands Pocket Guide</i> is an abridged version of the Commands Manual and contains all commands and parameters, and shows the command-parameter syntax.
910-5546-001	The <i>Commands Quick Reference Guide</i> contains an alphabetical listing of the commands and parameters. This guide is sized to fit in a shirt pocket.
910-5560-001	The <i>UAM/UIM Pocket Guide</i> is a valuable quick reference to unsolicited information and alarm messages, and their troubleshooting procedures for the EAGLE 5 ISS.
910-5558-001	The <i>UAM Emergency Pocket Guide</i> 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-4 lists the latest Generic Program Loads (GPLs). When multiple builds are listed, GPL versions that changed from the previous build are highlighted.

Table RN-1. GPLs - Builds 40.1.5-62.13.36, 40.1.4-62.13.35, 40.1.3-62.13.34, 40.1.2-62.13.33, 40.1.1-62.13.31, and 40.1.0-62.13.19

GPL SYSTEM NAME	VERSION Build 40.1.5-62.13.36	VERSION Build 40.1.4-62.13.35	VERSION Build 40.1.3-62.13.34	VERSION Build 40.1.2-62.13.33	VERSION Build 40.1.1-62.13.31	VERSION Build 40.1.0-62.13.19
Date Available	4/14/10	1/15/10	1/7/10	8/18/09	6/25/09	5/7/09
ATMANSI	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
ATMHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
ATMITU	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
BLBEPM	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLBIOS	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
BLBSMG	132.13.12	132.13.12	132.13.12	132.13.12	132.13.12	132.13.12
BLCPLD	132.13.12	132.13.12	132.13.12	132.13.12	132.13.12	132.13.12
BLDIAG	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0	131.2.0
BLDIAG6	132.4.0	132.4.0	132.4.0	132.4.0	132.4.0	132.4.0
BLMCAP	132.13.34	132.13.34	132.13.34	132.13.33	132.13.31	132.13.18
BLROM1	132.1.0	132.1.0	132.1.0	132.1.0	132.1.0	132.1.0
BLVXW	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0	131.6.0
BLVXW6	132.13.34	132.13.34	132.13.34	132.13.33	132.13.31	132.13.17
BPDCM	132.35.0	132.35.0	132.35.0	132.35.0	132.13.18	132.13.18
BPDCM2	132.35.0	132.35.0	132.35.0	132.35.0	132.13.18	132.13.18
BPHCAP	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0
BPHCAPT	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0
BPHMUX	132.8.0	132.8.0	132.8.0	132.8.0	132.8.0	132.8.0

Table RN-1. GPLs - Builds 40.1.5-62.13.36, 40.1.4-62.13.35, 40.1.3-62.13.34, 40.1.2-62.13.33, 40.1.1-62.13.31, and 40.1.0-62.13.19

GPL SYSTEM NAME	VERSION Build 40.1.5-62.13.36	VERSION Build 40.1.4-62.13.35	VERSION Build 40.1.3-62.13.34	VERSION Build 40.1.2-62.13.33	VERSION Build 40.1.1-62.13.31	VERSION Build 40.1.0-62.13.19
Date Available	4/14/10	1/15/10	1/7/10	8/18/09	6/25/09	5/7/09
BPMP	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0
BPMP	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0	132.5.0
CCS7ITU	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
CDU	162.13.35	162.13.35	162.13.34	162.13.32	162.13.31	162.13.15
EOAM	132.13.36	132.13.35	132.13.34	132.13.32	132.13.31	132.13.18
EROUTE	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
ERTHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
GLS	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
GLSHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
HIPR	132.8.0	132.8.0	132.8.0	132.8.0	132.8.0	132.8.0
IMT	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IMTPCI	132.35.0	132.35.0	132.35.0	132.35.0	132.13.0	132.13.0
IPGHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPGWI	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPLHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPLIM	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPLIMI	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPS	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPSG	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
IPSHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
MCP	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
MPLG	162.13.35	162.13.35	162.13.34	162.13.32	162.13.31	162.13.15

Table RN-1. GPLs - Builds 40.1.5-62.13.36, 40.1.4-62.13.35, 40.1.3-62.13.34, 40.1.2-62.13.33, 40.1.1-62.13.31, and 40.1.0-62.13.19

GPL SYSTEM NAME	VERSION Build 40.1.5-62.13.36	VERSION Build 40.1.4-62.13.35	VERSION Build 40.1.3-62.13.34	VERSION Build 40.1.2-62.13.33	VERSION Build 40.1.1-62.13.31	VERSION Build 40.1.0-62.13.19
Date Available	4/14/10	1/15/10	1/7/10	8/18/09	6/25/09	5/7/09
OAMHC	132.13.36	132.13.35	132.13.34	132.13.32	132.13.31	132.13.19
PKTGEN	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
PLDPMC1	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0	128.21.0
SCCP	132.13.36	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SCCPHC	132.13.36	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
STPLAN	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SLANHC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SS7ANSI	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SS7EPM	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0	130.29.0
SS7GX25	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SS7HC	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SS7IPGW	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
SS7ML	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
VCDU	162.13.35	162.13.35	162.13.34	162.13.32	162.13.31	162.13.15
VSCCP	132.13.36	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15
VXWSLAN	132.13.35	132.13.35	132.13.34	132.13.32	132.13.31	132.13.15

Resolved PRs

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

Table RN-2 on page RN-8 lists resolved PRs for EAGLE 5 ISS 40.1.5

Table RN-3 on page RN-9 lists resolved PRs for EAGLE 5 ISS 40.1.4

Table RN-4 on page RN-10 lists resolved PRs for EAGLE 5 ISS 40.1.3

Table RN-5 on page RN-11 lists resolved PRs for EAGLE 5 ISS 40.1.2.

Table RN-6 on page RN-13 lists resolved PRs for EAGLE 5 ISS 40.1.1.

Table RN-7 on page RN-14 lists resolved PRs for EAGLE 5 ISS 40.1.

Table RN-8 on page RN-20 lists resolved PRs for ECAP 40.1.

Table RN-9 on page RN-20 lists resolved PRs for EAGLE EMS 40.1.

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

Table RN-2. EAGLE 5 ISS 40.1.5 Resolved PRs for Build 40.1.5-62.13.36 (4/14/10)

PR #	CSR?	Sev	Title	Customer Impact
129837	Y	2	Btree does not rebalance properly	Both chg and dlt commands for global title entries can cause the Btree to become unbalanced. If this gets further than 80 deep this can cause cards (OAM and SCCP) to boot.

Table RN-3. EAGLE 5 ISS 40.1.4 Resolved PRs for Build 40.1.4-62.13.35 (1/15/10)

PR #	CSR?	Sev	Title	Customer Impact
157367	Y	2	Spare Point Code DPC OOS for Local Subsystems when Service Module loaded	When using spare local subsystem the status may be incorrect.
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.
161009	Y	2	CSL table incorrectly removed from all LIM cards	For the TINP feature the look up of the CSL table will not be performed for ISUP IAM msgs with NM=2 or 3.
161056	Y	3	IP7 gpls missing support to download and update the CSL table	CSL table lookup for TINP will not work on IP cards.

Table RN-4. EAGLE 5 ISS 40.1.3 Resolved PRs for Build 40.1.3-62.13.34 (1/7/10)

PR #	CSR?	Sev	Title	Customer Impact
158367	Y	2	ent-csl command causes Eagle card database to go inconsistent	<p>Customer system that provisioned with CSL entries >10 digits of DS AND the first 10 digits are the same will experience these issues:</p> <p>1. if chg-csl on these DS with a diffent P1/P2/P3, P1/P2/P3 can potentially be updated on a different entry who 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 list are: idpr GT; IAR GT;</p> <p>2. if dlt-csl of an entry with >10 digits 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; IAR GT</p> <p>Work around for above two scenario: Boot affected cards.</p>
158613	Y	2	SM4G cards occasionally booting	SM4G SCCP cards occasionally boot on Eagle systems.
152467	Y	3	Incorrect reporting from output of rept-stat-clk command when disconnecting BITS clock	<p>rept-stat-clk may incorrectly show good clock status for the E5-OAM 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.</p> <p>Note this is a problem on E5-OAMs only.</p>
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.
159139	Y	3	Cards denied SCCP service when IMT A is inhibited	<p>The problem will be seen only on systems where only TSM cards are acting as the SCCP granter. DSMs are not affected by this problem. The current work around so that you will not lose SCCP service if a bus goes down is to provision your TSMs in particular slots:</p> <p>The TSM cards need to be one in one of these slots: XX01-XX04 or XX11-XX14, and the second TSM should be in one of these slots: XX05-XX08 or XX15-XX18 for an effective work-around.</p>
159581	Y	3	Customer is reporting a problem with the OAP going up and down	The OAPs become unavailable on average once every hour forcing the customer to inhibit then allow the OAP terminal for the OAP to recover. This is seen on both legacy and E5-OAM OAM systems.

Table RN-5. EAGLE 5 ISS 40.1.2 Resolved PRs for Build 40.1.2-62.13.33 (8/18/09)

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 incoherent and needs repair to fix it. This can be avoided by not issuing commands at the same time tst-msg is being used.
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.
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.
141441	Y	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.
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.
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.
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 recipient end when the GTI value is 4. This could lead to loss of traffic.
139094	Y	3	Half hourly Measurement report does not display full report for link components on the Eagle terminal	The CSV files are complete. This is a display issue to the Eagle terminal for the automatic output.

Table RN-5. EAGLE 5 ISS 40.1.2 Resolved PRs for Build 40.1.2-62.13.33 (8/18/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
140479	Y	3	Cable pull removes the dynamic route for SCTP	<p>-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 configuration will be marked as link out of service.</p> <p>-Multihomed associations with 2 static IP routes configured for each path (primary/secondary) are not affected.</p> <p>-Single homed associations with a static IP route configured to the gateway are not affected.</p>
141277	Y	3	Sev 1 ATH observed while adding a unique LNP service into the database using ent-lnp-serv command.	Customer will not be able to modify LNOP-SERV.
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	
154174	Y	3	Addition of linkset name on network cards broke DDB checksum linkset	Because of this issue, the linkset column in the DDB audit command shows different values for IPSP and Non-IPSP cards although there is no DDB error.

Table RN-6. EAGLE 5 ISS 40.1.1 Resolved PRs for Build 40.1.1-62.13.31 (6/25/09)

PR #	CSR?	Sev	Title	Customer Impact
140888		2	Severe SCCP Performance 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.
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.
140452		3	E5OAM Card OBIT on restart.c	
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	

Table RN-7. EAGLE 5 ISS 40.1 Resolved PRs for Build 40.1.0-62.13.19 (5/7/09)

PR #	CSR?	Sev	Title	Customer Impact
53915		3	IP Terminals missing 30 minute chunks of output on large station with lots of output	
82255		3	Invalid GTT Data shown with RTRV-GTT, SSN is "----" (dashes)	
83835		3	GWS UIM 1062 CARD 1316 INFO **** too large (L1113) is uninformative and misleading	
88975		3	HIPR BSU routing	
89679		3	UALOG enhancements for SUA and M3UA	
96369		3	UI accepts "up arrow" in KSR mode before ctrl-a entered	
96679		3	Command recall on telnet terminal get confused when changing direction (up vs down arrow)	
107083		3	Spare PC leading space removal omissions	
108988		3	E5-ENET: Misleading "FAILED: INACTIVE BLBIOS INUSE"	
111634		3	Module SUM_MGR.C Line 717 Class 0074 on VSCCP card	
112906		3	aud_oam.c troubles after copy-gpl command executed	
114356		3	rept-stat-user output misaligned for longer commands	
115759		3	Documentation for command rtrv-appl-rtkey is not consistent with what is on the Eagle.	
116699		3	Card to Card UA associations are seeing UIM 1333 - IPGW TX MSG DISCARDED for SNM messages	
119372		3	ATH trouble not useful: Module ath_vxw_mgr. Line 1790 Severity 2	
120358		3	IPGW and IPLIM sysstat -v debug-only PASS command shows very low percent after boot	

Table RN-7. EAGLE 5 ISS 40.1 Resolved PRs for Build 40.1.0-62.13.19 (5/7/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
120474		3	msutrace -a chgfilter -m all should not be accepted	
124465	Y	3	sctp pass command's -r and -m options are not working properly	User unable to use the "sctp -r a/p aname/port" pass command to clear the pegs for a particular assoc/port.
125723		3	Legacy issues found during ARHOST MT	
126945		3	Command response reporting incorrect for init-card:appl=xxxx command	
127926		3	Command "init-card:appl=scpbc:loc=<loc of E5SM4G card>" should be rejected at Eagle	
128130		3	Support TST-SLK:LOOPBACK=SLTC missing from IPLIMx cards for M2PA Links	
128716		3	Sigtran Meas: SCTPASOC report SCPKTSNT and SCPKTRCV pegs off by one	
128836		3	incorrect ouput of pas:loc=1305:cmd="sctp" command	
128846	Y	3	IP.Len of returned iP msg header in ICMP destintation unreachable message is in host byte order	There is no adverse effect on operational software since a mirror image, canceling bug in the IP area "undoes" the effect of this bug.
128897		3	IPSG: chg-assoc:alw=no not logged for M3UA association	
129276	Y	3	E5-ENET card description in Hardware manual needs additional information regarding interfaces.	No impact as features mentioned are not yet supported.
129547		3	SUA Associations cannot be set as client with a PARM 10/PVALUE 1 combination	
129595		3	sctp pass command output formatting problems	
129607		3	Flash-Card should be command class System Maintenance	
129895		3	Terminal issue with act-file-trns	
130372		3	Add ATH in a2i_ts() for APPL-->COMM queue NULL_PTR	
130399		3	seeq_utl.c Line 942 Class 01c3 received 4 times during an overnight Inbound Congestion duration on IPLIMI (SSEDCM)	

Table RN-7. EAGLE 5 ISS 40.1 Resolved PRs for Build 40.1.0-62.13.19 (5/7/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
130475		3	IPSG/IPGWx: UIM lacks error reason and ATH's when sending a DAUD with a bad parm length for affected PC	
130565		3	User is able to move an association from non-IPSG card to IPSG card - should not be allowed per FD	
130569		3	MSUCOUNT Pass command help for IPGWx still displays -s "Socket Report" as an option	
130909		3	disp-disk-dir:src=remove:file="filename" not rejected when Removable Cartridge is not present, it displays DMS Error instead	
132397		3	chg-lnp-serv command does not have proper syntactic and semantic validation checks	
132688		3	ATINPQ: Only the default network is 'prohibited' for a subsystem when it is inhibited	
132837		3	Severity 1 HAC_HIPR.C ATHs Generated Over Init-Sys	
133256	Y	3	IPSG M2PA Linkset won't allow low speed SLK to be added.	Customer is not able to configure their linksets with low speed and high speed links, the Eagle is stating the card is invalid for the linkset type. Note: Mixed link speed within a link set is not a recommended configuration. Work around: 1) Delete IPSG SLK from linkset. 2) Change linkset to IPSG=NO 3) Add low speed link to linkset. 4) Change linkset to IPSG=YES. 5) Add IPSG SLK to linkset.
133274		3	MLSS: Eagle allows DLT-SS-APPL leaving GTT entry hanging	
133299		3	SCTP pass command failed - resources unavailable	
133334		3	Copy-tbl to dms config table during reload is aborted on E5-IPSM card	
133443		3	Rel39.2: ATINP- CHG-ATINPQOPTS accepts invalid value for ENTITYLEN	
133649		3	Module ecd_sccp.c Line 1894 Sev1 ATH output along with UIM # 1231.	

Table RN-7. EAGLE 5 ISS 40.1 Resolved PRs for Build 40.1.0-62.13.19 (5/7/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
133749		3	Obit (Isac.c) on E5-T1 LGs during SCCP fault insertion	
133899		3	E5-IPSM alarm issue when card becomes isolated and then reloads	
134005		3	EGMS:Unexpected error message seen while changing any parameter for EGMS tables when action=ATIERR is provisioned.	
134023		3	IS41SMSOPTS:MOSMSDNNAI allows value of 0-15, but protocol only supports 0-7	
134133		3	Obit during Full Upgrade - STH: Received a BOOT-Appl-obituary - Module pmtc_oam.c	
134406		3	Extra text displayed in rtrv-data-rtdb output	
134717		3	STP problem when the NPFlgrst table is showed.	
134747	Y	3	GPORT values are summed up incorrectly in rept-stat-sccp	The GPORT statistics in rept-stat-sccp are inaccurate. The user can get accurate GPORT counts in enttype=np Eagle measurements reports.
135185		3	rept-stat-sccp does not display LNP CPU usage	
135299		3	Rel 40.0_NPP enhancements : DEFCC can be changed to NONE after IDPR is turned ON	
135449		3	E5-SM4G: Double bit errors do not have a way to get reported to Software	
135611		3	et-npp-srs issues error, if there is a space after parameter values	
135701		3	Rel 40.0 - RTRV-SRVSEL is displaying wrong error code for TIF ASD or IDPR GRN	
135786		3	Critical alarm "System SCCP TPS capacity exceeded" is displayed at the output of command "rept-stat-trbl:level=majr".	
135818		3	RTRV-GWS-REDIRECT formatting of data is not aligned.	
135908	Y	3	IDP feature is changing the Numbering Plan in the outgoing CAMEL IDP message from ISDN to Telex.	The customer is unable to delete the HomeRNs 7604 and 7615 from the CdPN of the IDP message. They do not want to insert RN or SP data.

Table RN-7. EAGLE 5 ISS 40.1 Resolved PRs for Build 40.1.0-62.13.19 (5/7/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
136004		3	IP Host: Table occupancy incorrect when using NUM parameter for RTRV-IP-HOST	
136006		3	RTRV-IP-LNK command reports incorrect max capacity	
136063		3	Rel40:NPPE:chg-npp-as: is changing the OFNAI to default value INC	
136139		3	Rel40:NPPE: Tst-msg not displaying the MATCHING RULE Correctly	
137488	Y	3	Module meau.c line 2192 seen against both MASPs	Multiple meau.c Sev 1 troubles to the UI are the only impact of this problem. There is no adverse effect on the data being reported, or on the ability to retrieve meas reports via SEAS. The Sev 1 can be converted to a Sev 2 with TAC assistance.
137489		3	upg_mcp.c obit during MCP upgrade	
138051		3	In chg/ent-npp-as command Notes, incorrect definitions and locations of TIF ASD and TIF GRN service actions	
138776		3	After flash of BLCPLD -OBIT Occurs (Module ath_vxw.c Line 2714 Class 0001)	
138827		3	IDPR: Unable to Shrink TLV Length Part	
109375		5	Eagle OAM Obsolescence Redesign (Replaces TDM and GPSM-II)	
109849		5	TVG refresh timeout needs to be set to 500 ms	
114141		5	OAM Obsolescence Replacement Cards (E5-MDAL)	
115323		5	GTT Loadsharing between ITU Network Types	
115458		5	Automation of Non-invasive Health Check (Health Check 1)	
115958		5	Add ATH when tst-disk:loc=TDM:partition=all cmd is rejected E2369 - Invalid Disk partition	
116458		5	Eagle Fast Copy	
119150		5	GTT Loadsharing with Alternate Routing Indicator	

Table RN-7. EAGLE 5 ISS 40.1 Resolved PRs for Build 40.1.0-62.13.19 (5/7/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
123320	Y	5	UIM 1150 - Link Inhibit Denied should specify if it was locally or remotely denied with reason of deny	
124620		5	MO SMS NPP	
133905		5	Table Increase for NPFLGRST	
134307		5	Enhance Card Failed Obit data	
134508		5	Addition of Incoming and Outgoing Linkset Name to SLAN report for ECAP	
135060		5	DDB audit request Broadcast capability	
135424		5	Addition of SSN to chg-ppsopts for PPSMS Intercept	
135618		5	ASD IDP Relay CDIAL Support	
135868		5	* Base upgrade support for Eagle Release 40.1	
136005		5	RTRV-TBL-CAPACITY is missing IP HOST Table information	
136282		5	TIF Tst-msg enhancement: Show outgoing digits if FA produce NULL string	
136370		5	MO_SMS tst-msg: Null output from NPP must indicate how msu modified	
136435	Y	5	Configurable Message Priority	
137655		5	NPP AS & NPP SRS capacities to be reported	
137903		5	Cleaning up GSM/IS41-SMSOPTS feature dependencies on CHG and RTRV commands	

Table RN-8. ECAP 40.1.0 Resolved PRs for Build 40.1.0-10.12.0 (05/7/09)

PR #	CSR?	Sev	Title	Customer Impact
134428		5	MAP Op Code option for ECAP configuration menu	
134509		5	Addition of Outgoing Link ID to ECAP XML File	
138192		5	ECAP 40.1 Opcode filtration opcode range should be updated	
138193		5	ECAP 40.1 Savelogs command does not give any output message	
138203		5	ECAP config GUI is case sensitive	
138238		5	ECAP config Display Opcodes should be in ascending order	
138240		5	ECAP cfg Optional parameters Menu refers to link ID as port ID	
138242		5	ECAP GUI clears screen before user can view error "INVALID selection"	

Table RN-9. EAGLE EMS 40.1.0 Resolved PRs for Build 40.1.0-110.4.0 (05/7/09)

PR #	CSR?	Sev	Title	Customer Impact
133512		5	Eagle EMS R40.1 must support upgrade from Eagle EMS R40	
133513		5	Eagle EMS R40.1 must support alarms from Eagle R40.1	
133514		5	Eagle EMS R40.1 must support PerMon data from Eagle R40.1	
133515		5	Eagle EMS R40.1 schema loader must support command set from Eagle R40.1	
139399		5	Finish packaging for Eagle EMS modules for R40.1	
114141		5	OAM Obsolescence Replacement Cards (E5-MDAL)	

Table RN-9. EAGLE EMS 40.1.0 Resolved PRs for Build 40.1.0-110.4.0 (05/7/09) (Continued)

PR #	CSR?	Sev	Title	Customer Impact
109375		5	Eagle OAM Obsolescence Redesign (Replaces TDM and GPSM-II)	
136018		5	EMS CMI - Support IE 7.0.x and Firefox 3.0.x	
138695		5	Improvements to Fault/Communication Agent User Guide	
138786		5	Eagle EMS R40.1 must include EAGLE R40.1 Command set.	
138836		5	EAGLE EMS ADMIN merge to propagate EAGLE-EMS 40.0.0-100.11.0 to 40.1	
138837		5	EAGLE EMS 40.1 Promoting package lists for EAGLE EMS 40.1.0-110.1.0	
139204		5	EAGLE EMS 40.1 Promoting package lists for EAGLE EMS 40.1.0-110.2.0	
139288		5	Need for a script to automatically determine and handle CMI schema install and upgrade	
139453		5	Eagle EMS 40.1 Promoting packages for EAGLE-EMS_110.3.0	
140088		5	Eagle-EMS 40.1 Promoting package list for 40.1.0-110.4.0	

Known PRs

Table RN-10 on page RN-23 lists known PRs for EAGLE 5 ISS 40.1.

Table RN-11 on page RN-62 lists known PRs for ECAP 40.1.

Table RN-12 on page RN-62 lists known PRs for EAGLE EMS 40.1.

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

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
111693		2	Resolved	No-Fix	Medium priority tasks have insufficient monitoring	Medium priority processes can fail without notification, but traffic is still routed. Since none of the lower level process house-cleaning takes place, the card would behave erratically. This has never been reported as a field issue.
125229	Y	2	Resolved	No-Fix	Additional action must be taken when SS7 messages destined to a particular card are returned	Currently on known way to create this is a double fault. A partial fix implemented to notify if messages are discarded.
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.
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
53231		3	Resolved	Defer	IPSM public key retention and UIM not implemented.	This simply means that EAGLE will not retain public keys received from SFTP Servers that EAGLE has connected to across card resets. This leaves a slight security risk because, after an IPS card resets, the Eagle could establish a connection to the wrong the far end without notifying the user of any potential wrong-doing. Of course, this would mean that the server is being spoofed in the network when Eagle attempts this connection. As long as the IPS card is not reinitialized, or the server is not being spoofed, the risk is not a issue.
58184		3	Resolved	No-Fix	poll_mv.cpp ATHs on MCP card referring to IPGWI cards	All stats looked good on the cards. These troubles did not appear again while testing during the week or during a weekend soak. All measurements reports were accounted for.
83796		3	Resolved	Defer	Telcordia - Telcordia - Missing TxR during adjacent restart before sending TRA and traffic	After Adjacent Restart completes, the adjacent node may not have the correct Point Code status and may send traffic to the EAGLE that would otherwise be send on an alternate Allowed route.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
106521		3	Resolved	Defer	Incorrect IP Address displayed in sctp pass cmd for multihomed association	Alias IP addresses are not fully supported in Eagle. The Eagle SCTP implementation uses the "from" address in the IP header of the SCTP heartbeat ack for determining which multihomed paths are active. When an alias is used at the peer, the "from" address in the heartbeat ack may not match the "to" address in the heartbeat. There is no clear requirement in SCTP that aliases be supported. Rather the intent is to support multiple physical paths, which is working correctly in Eagle.
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.
108252		3	Resolved	No-Fix	VSCCP card obits after set-time and measurements boundary	If & only if the set-time command is used to change time to xx:59, rather than xx58 can situation occur.
108297		3	Resolved	Defer	Telcordia - 34.0 audit - NCR: Missing TFR broadcast for FPC Member When Moving from Prohibited to Restricted Status	IMPACT: This will unnecessarily delay the restoration of traffic to the affected node, until the adjacent node sends a route-set-test (RST) message.
108520		3	Resolved	No-Fix	Telcordia - 34.0 audit - Unexpected TFA Broadcast	IMPACT: Sending unnecessary network management messages results in inefficient use of network resources.
108556		3	Resolved	No-Fix	Telcordia - 34.0 audit - TFR sent when alternate route becomes prohibited. (not an ITU specification)	IMPACT: This results in unnecessary use of network resources and may allow backrouting in this scenario
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-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
109376		3	Resolved	No-Fix	SUA_16_part2 -Telcordia - SUT Ignored SSN in Ordered Fragmented DATA Chunks	The SCTP SSN (Stream Sequence Number) is not validated by Eagle for received SCTP traffic. This lack of validation has no impact when the sender sends correct traffic. It may allow spurious messages when, as in this test, the sender send incorrectly numbered packets.
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.
109886		3	Resolved	Defer	SCTP Init Issues10-Telcordia-1) Error Cause was not included in the ABORT that was sent in response to an INIT or an INIT ACK	When an SCTP INIT containing an invalid parameter value is received, the resultant ABORT chunk sent by the Eagle does not include an error cause. This may make it more difficult to determine exact reason why the INIT is not accepted by the Eagle. No other adverse affects.
109887		3	Resolved	Defer	SCTP Init Issues11-Telcordia- SUT sent ABORT with incorrect T bit value of 0	When the Eagle receives an SCTP INIT with an invalid destination port number, it correctly responds with an ABORT chunk, but the ABORT chunk contains a T bit value of 0, indicating that it had a TCB. This is a minor non-compliance to RFC2960.
109889		3	Resolved	Defer	SCTP Init Issues13-Telcordia-4) ABORT contained Verification Tag set to 0	When an INIT contained an advertised receiver window credit set to 0, the number of outbound streams set to 0, or the number of inbound streams set to 0, the Eagle correctly responded with an ABORT, but the Verification Tag in the ABORT was set to 0. Likewise, when an INIT ACK was received with the number of inbound streams set to 0, or the number of outbound streams set to 0, the Eagle correctly responded with an ABORT, but the Verification Tag in the ABORT was set to 0. No customer impact. Minor SCTP non-compliance.
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.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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 received 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.
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.
109901		3	Resolved	No-Fix	SCTP Init Issues25-Telcordia- 16) SUT populated the State Cookie Tie Tags in INIT ACK	Currently not impacting our ability to connect, but in the future might encounter an implementation that validates these fields.
109902		3	Resolved	No-Fix	SCTP Init Issues26-Telcordia- 17-17) SUT did not send an ERROR chunk when an invalid COOKIE ECHO chunk with an expired State	Not impacting our ability to align and carry traffic. This is an issue with validation of invalid packets.
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.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
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.
109916		3	Resolved	Defer	SCTP Init Issues39-Telcordia- 11) ABORT is not sent in response to a DATA or SACK chunk when no association existed	When the SUT received a DATA or SACK chunk from an endpoint for which no association existed, it did not send an ABORT. No impact when interfacing with a correct implementation.
109918		3	Resolved	Defer	SCTP Init Issues46-Telcordia-18) SUT did not retransmit an unacknowledged DATA chunk Association.Max.Retrans times	When the Eagle did not receive a SACK, it did not retransmit the DATA chunk Association.Max.Retrans times. We retransmit 1 too few times. In practice this is not an issue, since we retransmit enough times to guarantee we can meet our performance requirements.
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.
110352		3	Resolved	Defer	LNP measurements for SSP is not reported until the second hourly period after 15 minute measurments is turned	One or more measurement report transfers to the FTP server may be delayed until the next reporting cycle. There are no known deficiencies in the report once it has been transferred. Note that any report can be generated manually via the rept-ftp-meas command within the retention period for the desired report.
110895		3	Resolved	Defer	Backspace/Corrections invalid when selecting an IP terminal for use with an Eagle	The customer is unable to enter backspace character when prompted for terminal number within a Telnet connection.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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".
111451		3	Resolved	No-Fix	after init-sys node is no longer isolated alarm is not reported at correct time	The reporting of the alarm makes it look like the system was down longer that it truly was. The only way to know how long the system was down for would be to pull rept-stat-slk:l2stats=service for all the links in the system. This would be very time consuming especially for a 2000 link system.
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.
112249		3	Resolved	No-Fix	GWS UIM 1100 "GWS rcvd H0/H1 that is not allowed" has invalid info in AFTPC for RCT msg	AFTPC info could be misleading if craftsperson is investigating this particular GWS problem.
112377		3	Resolved	No-Fix	Init -card appl ccs7itu causes trouble Module FPB_UTL.C	A trouble is output instead of a UIM. The trouble may misdirect the customer to a software problem instead of a BIP problem. This problem is much less likely in the field since all cards that are in the field are properly BIPPed by manufacturing.
112536		3	Resolved	No-Fix	SEAS Data Collection Commands cause uplu_mgr and uplo_mgr trouble	The SEAS measurements commands are not intended to work with the 15 minute measurements feature, so these commands will not be functional in this case. An unexpected ATH may however be generated, but any output indicating the actual problem will likely not occur.
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	Resolved	Defer	rept-stat-user output misaligned for longer commands	None, in the output of rept-stat-user notice that the command rept-stat-applsock causes the "IDLE" text to be misaligned.
114678		3	Resolved	Defer	routing of a SAFETY packet with a CRC error	The likelihood of this PR occurring is extremely rare. Should it occur, most likely no one would realize that it even occurred. It would have to occur many (5 or more??) before it would have an effect on the Eagle system. Even then it would only affect the IMT bus that had the problem.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
114951		3	Resolved	No-Fix	Reduce number of status messages from UDP to EPDL	If the UDP socket is not responding, the UDPV task sends many unnecessary status messages to the EPDL task and if the EPDL is not processing the messages fast enough, the message queue could fill up and possibly cause the card to boot. This has never been seen in the field.
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.
115736		3	Resolved	No-Fix	Logic error in radb_mcm reissuing GPORT alarms as MNP.	The failed logic is a minor problem since if the reissuing is called and not needed the called function will NOT issue alarms unless actual alarms exist. Likewise, if the call to reissue the alarm should have been made and was not, the next poll cycle for SCCP alarms will raise the new MNP alarms. The latency for the next polling cycle to process the new MNP alarms is milliseconds and should not be discerned by observation, thus there should be no CSR propagated from this logic error.
116908		3	Resolved	No-Fix	adl_mgr.c obits occur when booting DSMs	All DSMs that exhibit this obit reboot and attempt a reload. They usually load on the second attempt. This appears to be happening during OAM table loading before ever trying to load the RTDB.
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.
117515		3	Resolved	No-Fix	MPL GPL downloaded to E5 card	Minimal system impact. This is caused by an incompatible card being placed in a slot provisioned as LIMDS0 type.
117905		3	Resolved	Defer	Copy-Disk command reject description is incorrect.	Minor confusion as inhibiting measurements must be researched to track the replacement command: chg-meas:collect=off. The inh-meas command was obsoleted years ago.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
118011		3	Resolved	Defer	Code loading multiple card types of the same loading priority when one card type has problems can block cards from loading	Update: This problem occurred 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.
118871		3	Resolved	Defer	Measurement platform reports the card type ACM card rather than correctly identifying cards that is E5-ENT, DCM or SS-EDCM.	Nuisance UI issue. The Eagle incorrectly reports the card type as an ACM card rather than correctly identifying card the as an E5-SLAN card.
119129		3	Resolved	Defer	Measurement Statistic ENETCOLERR always reports zero	If driver stats are not pegged properly, then user would not able to view excessive collision error [ENETCOLERR]. The user could keep a track of collisions by using ENETBUSBSY.
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 additional options he needs to build his screening.
119239		3	Resolved	Defer	ESynC: Inconsistency in the range values for parameter "nsfi" of command "chg-scr-sio" in CDT documentation and the Eagle	The customer may not know the correct value to enter.
119513		3	Resolved	Defer	SUA DUAD - Telcordia - UIM 1333 has an error output message	Typo in UIM report only. No customer impact.
119563		3	Resolved	Defer	rept-stat-card:appl=sccphc does not display E5-SM4G cards rept-stat-card:appl=vsccp does show sccphc cards	Minimal system impact. The correct appl value to use is sccp not sccphc. sccphc is a GPL not an application. The command should be rejected if sccphc is used.
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

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
120363		3	Resolved	No-Fix	Table-copy initialization failure on IPSM causes FTRA FTP transfer failure	Approx. 30 seconds after card loads (in IS-NR), user must issue command ACT-FTP-TRNS:action=put:filetype=mtp (preferably from a serial terminal). Command may fail the 1st time. But this will preload DMS.CFG table into the IPS card. Then FTRA will be successful when it performs its FTP transfer. Otherwise FTRA may fail on its 1st table retrieve attempt.
120558		3	Resolved	No-Fix	Error in list dir command in FTP UPGRADE	The "ftpzfer -z -m" command gives error "FTP UPGRADE, Error on list dir cmd (450)" while listing the directory contents in the linux FTP Server.
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.
121327		3	Resolved	No-Fix	SUA - Telcordia - When AS goes down duplicate prohibited UAM messages generated	No system impact. DPC alarm raised twice because the first time it is processing DPC information, and while processing the DPC SS status changed it raises the alarm a second time. This has no impact to Harris alarm monitoring either.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (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 generated, just no UIM: tklc1071501 07-06-20 08:39:47 EDT EAGLE5 37.0.0-58.20.35 Card 1308 Module CNV_MGR.C Line 1269 Class 302a Severity 1 16 00 00 02 17 50 01 01 89 01 43 18 40 28 01 a9P....C.@(. 96 3f 0d ec e6 72 02 00 00 01 00 00 00 00 02 ?...r..... 0c 0a 00 00 21 43 65 87!Ce.
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.
123146		3	Resolved	Defer	EOAM needs to begin restricting RTX OPC provisioning to prevent CRD issues	Chg-rtx does not keep an customer from entering circular routing on hte ILSN linkset.
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 entered that are already in seas config or ftp serv table	The eagle allows ip addresses that already exist in the seas config table or FTP serv table to be entered in the chg-ip-lnk table. Diagnosis of duplicate IP address provisioning is more difficult.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (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	Defer	SEAS - Eagle incorrectly reporting X.25 UAL status	Eagle is incorrectly reporting the SEAS x.25 status: 1) PVC Status Incorrect - when two PVCs were taken down, the rept-stat-seas shows all 3 PVCs IS-NR 2) UAM reflects incorrect pvc number when pvc taken down or restored.
124268		3	Resolved	Defer	MLS - DPC of SCCP management messages is not verified before they are processed	If a Eagle receives a message with DPC=MLS SPC and OPC= non adjacent point code then Eagle process that message instead of discarding it.
124357		3	Resolved	Defer	Module scm_bkgd.c Line 2944 trouble seen after executing INIT-SYS:DATA=PERSIST	The errors are due to tvg capacity issues on the card. The tvg information will be updated as soon as the correct information is received by OAM. There is no impact to the system.
124395		3	Resolved	Defer	Module idle_tsk.c trouble seen after executing an INIT-NETWORK:FORCE=YES	The customer will have to reissue the INIT-NETWORK:FORCE=YES command when this is seen. There is no other apparent impact.
124451		3	Resolved	Defer	Module mprm_sr.cpp displayed after booting OAM for upgrade	Initial data transfer to standby MCP is incomplete. Only impact is historical data in the event of MCP role change, e.g. rept-ftp-meas for prior period after a MCP role change.
124530		3	Resolved	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
124717		3	Resolved	Defer	SOIP - eagle is incorrectly reporting the gateway activity to SEAS when thresholds are exceeded	When both messages and rejection activity are exceeded, the Eagle sends two messages to each tcpipr each reporting both thresholds (a message should be sent to each mr once, or each threshold reported separately). Also when only one threshold (here, # rej) is exceeded, both parameters are included erroneously implying both thresholds were exceeded.
124725		3	Resolved	Defer	SEAS- extraneous rept-rteuav messages are being sent after MASP initialization	REPT-RTEUAV messages coming repeatedly after reboot of the TCP/IP MR.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Dispo- sition	Title	Customer Impact
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 response TFR/TCR message for a destination that is restricted when the secondary routes being used have secondary point codes.
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 emergency) proving period based on the alignment status of remote signaling link.
125428		3	Resolved	Defer	Telcordia - M2PA audit - E5-ENET started proving by sending an LSPE when it received LSA on data stream 1	Incoming LSA triggered alignment 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.
125501		3	Resolved	No-Fix	sih_mgr.c Line 948 seen during DSM boot script	No system impact. This appears to happen only during duration test runs where DSMs are continuously being booted. A UIM may not be presented to the user due to a multi-part UIM being overwritten under extreme output conditions.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
125818		3	Resolved	Defer	scheduled OAM systot reports to the UI showing incorrect time	UI reports when extracted from Measurements Platform after 15-minute collection has been turn on then off again will show incorrect report time. FTP'd measurements reports are correct
125822		3	Resolved	No-Fix	Telcordia - 37.5 audit MTP3 - TCA not sent to mate to clear preventative TCP	Since the Eagle did not send a TCA to the mate to clear the PC, the clearing of that PC will be delayed until T17 expires on the Mate causing it to perform a RST poll over the mate linkset. The Eagle will then respond with a TCA, clearing the condition on the Mate STP.
125823		3	Resolved	No-Fix	Telcordia- 37.5 audit MTP3 - unnecessary preventive TFP concerning x-listed member is sent when TFR is received	Unnecessary network management msgs will be sent across the link. These nodes are already in this state so the only impact on the network is a small increase on link utilization.
125873		3	Resolved	No-Fix	2 Sev 1's Module dms_prep.c Line 3030 Class 0b0c AND Module sth_utl.c Line 1844 Class 0001	Under a certain combination of conditions - the log buffer just wrapped around, with less than 4 troubles to be logged - an attempt to log the last 4 trouble reports at the end of the buffer fails. Note that after wrap-around has occurred, the troubles at the end of the buffer are ignored anyway, with only those at the start being logged.
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.
125951		3	Resolved	Defer	The OPC encoding may no reflect MLS OPC in TFC/UPU generated for IPGW cards	<p>UPU Encoding :</p> <p>OPC encoding may not reflect MLS SPC if</p> <ol style="list-style-type: none"> 1. MLS feature is ON AND 2. Incoming linkset has MLS SPC assigned. AND 3. The OPC of incoming MSU is adjacent point code AND 4. The MSU involves IPGW in processing (say remote user application is down in END office feature) AND 5. if step 3 is TRUE, then none of the linksets defined to that adjacent point code uses Eagle's TPC <p>Then OPC of UPU may end up having Eagle's TSPC instead of a valid MLS SPC. Same holds true for TFC.</p>
125952		3	Resolved	No-Fix	After init-card:loc=(activeOAM), Module scm_utl3.c Line 3699 Class 01c1 severity 1 was generated	No customer impact - this is informational and indicates a minor initialization issue when switching over from standby to active MASP.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Dispo- sition	Title	Customer Impact
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.
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	MTSMSN: Unexpected ecd_sccp.c Severity 1 reported with UIM1232 SCCP Encode Failure	APOINT puts out a Sev 1 ATH and UIM 1232 while trying to send an ACK to incoming MSUs with SCCP CGPA GTI as 1 (unsupported).
127386		3	Resolved	Defer	ent-trace control list for entity is incorrect	Debug command impact only.
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 currently also the time it would take to detect such a corruption.
127764		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - MTPRSE Parameter in ADD/chg-LS Must Be Null if Restart Feature Off	Customer must use Null in place of "0", even though the spec says "0" should be accepted.
127767		3	Resolved	No-Fix	Telcordia - 37.5 audit -Seas EAGLE accepted remarks parameter in various add/chg commands - instead of sending error	Customer may wonder what happened to their comment.
127773		3	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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
127776		3	Resolved	No-Fix	Telcordia - 37.5 audit - SEAS - Eagle Does Not Allow PRI=* for CHG-SCRSIO When Entry Contained Range of 0-3	SEAS requires the range to be specified rather than '*', but the user can still do what is needed for provisioning.
127777		3	Resolved	Defer	Telcordia - 37.5 audit - SEAS - Register MSUDISC3 Present in P_MTCD	Extra register in SEAS MTCDD-LINK reports.
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.
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, MTCDDTH TLNKACTV was not correct for HSL links	Due to link activity being defiened as the taotal time actualy transmitting versus the amountb of idle time IP link value appears to be very high. This may give customer misconception that link is not processing traffic correctly.
128329		3	Resolved	Defer	Telcordia, LIM-ATM Meas Issue w/ Congestion	<p>Might mislead customer that there was very little congestion on the link.</p> <p>TDCNGLV1 is pegged only when the elapsed time (while the link is in CNGLV1) is > 500 ms. The time is rounded up if greater than 500 msec unit and pegged in TDCNGLV1. So if Congestion remains for small duration say 400 ms, nothing would be pegged.</p> <p>Now in this case, as evident from the capture and value of the counter ECCNGLV1, the link went into Congestion 1 and abatements multiple times within short durations. Hence TDCNGLV1 would be equal to duration/sum of durations that are greater than 500 ms during which link was in congestion for time.</p>

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
128334		3	Resolved	Defer	chg-measopts error code discrepancy in documentation	The error message coming out may not provide the customer all the information to correctly input the command. They would have to do trial and error to figure out what is wrong.
128583		3	Resolved	Defer	IPSG: Telcordia, Sigtran, seas, MSGSTRAN value was 1 greater 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 measurement 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	<p>1. No change in congestion register values for HSL links - register values still corresponded to HCAP values instead of E5-ATM values.</p> <p>2. Danger of Congestion Onset (See Table 23 in FD005925v2.1.doc) was not correct for IPSG (M2PA and M3UA) and IPLIM M2PA links. Expected value was $\text{Min}(\text{SLKTPS} * \text{Assoc.RMIN} * 2, 1250) = 1250$ when $\text{SKLTPS}=100$ and $\text{Assoc.RMIN} = 120$. Reported register values were based on a Danger of Congestion Onset value of 600.</p> <p>3. Link Alignment timer registers were not correct for IPLIM and IPSG M2PA links - reported values were '*' instead of m2pa-tset values.</p>
128592		3	Resolved	Defer	Telcordia, Sigtran, Seas, SURCVERR did not include messages with an invalid SCTP checksum	The normal measurement will not indicate all the errors happening on the link.
128615		3	Resolved	Defer	Output from Upgrade out of order and not consistent with other command output.	Output does not come out as intended. No functional impact.
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 measurement 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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer 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 teh cards updated.
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.
128990		3	Resolved	Defer	SM4G obit during card restart Module ath_vxw.c Line 2510	The SM4G card may double boot when coming up from a cold or warm boot. System recover even if the SM4G takes longer to be in service.
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.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Dispo- sition	Title	Customer Impact
129343		3	Resolved	Defer	DMS silent failure if table not found during DMS init	<p>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.</p> <p>The DMS initialization failure should be reported at initialization time and some notification (such as an SEV_LOG ATH) should be raised.</p> <p>The error and recovery are currently silent. That is the customer will not see it. There is no systme impact.</p>
129420		3	Resolved	Defer	Incorrect byte order for Network Appearance in MSUTRACE display	Trace output of the MSUTRACE pass command has the M3UA/SUA network appearance parameter value in host byte order instead of network byte order
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.
129592		3	Resolved	Defer	Regression - RANDSLS with SCCP messages does not appear to be random	None. Results should still be random in the long term, and to get into the latest pattern of consecutive MSUs going to the same outgoing link requires an identical incoming traffic pattern which is probably only possible with lab traffic generation.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
129603		3	Resolved	Defer	Incorrect SLK port id in Invalid Routing Context UIM	This issue is working as designed. If an association is assigned to multiple SLKS (mixed networks or not), the intended SLK cannot be determined since the Routing Context was invalid. We decided to just report the first SLK the association is configured in. After release 38.0, an enhancement could be made report an "Invalid SLK" somehow instead of just reporting the first SLK configured.
129680		3	Resolved	Defer	Initialization of entry-delimiter/"pad" bits of static flags in static routing table.	No customer impact. These PAD bits are not checked.
129699		3	Resolved	Defer	TFA's not broadcasted after transition from restricted to allowed (SS7 ANSI Links)	On ANSI network when a PC transition from Normal restricted to allowed, TFA shall not be sent. The adjacent node shall discover the status by means or RSR message. For this reason the impact of this PR is negligible.
129711		3	Resolved	Defer	PROT: full_restart_trx_sent bit not maintained correctly	In Release 38.0 PR 128980 is taking care of the problem of the full_restart_trx_sent bit causing DDB checksum mismatches. This PR is being deferred in order to provide a more complete solution in 39.0. There is no impact to the customer.
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.
129871		3	Resolved	Defer	IPSG/IPGWx: NA value in err message invalid when network type mismatch	When a customer sends a DATA message where the network type of the Network Appearance value does not match the NI value, an ERROR message with error code "Invalid Network Appearance" will be returned to the far end WITH AN INVALID VALUE FOR NETWORK APPEARANCE.
129914		3	Resolved	Defer	SEAS RBASE IP links NRPRSTRS counting not-applicable registers, '*'	In release 38.0 there was change made to no longer count files without data for NRPRSTRS (represented by *). The RBASE reports was not yet updated to this new method. Possible confusion of downstream systems interpreting the SEAS reports, since all other reports use the new method of counting.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	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 anomaly in the code that could cause an invalid port index to be returned to application that is responsible for sending COO/COA. If application return invalid port index, it complains via the ATH mentioned in the PR. The system impact will be time controlled changeover in place of sequence controlled changeover.
129958		3	Resolved	Defer	Copy De-Activate on SSED CM IPGW under network impairment test	If running at card capacity, only IMF copies are being lost due to IMF being disabled - original routed traffic is not lost.
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 srsvsel, 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 output if command input in middle of UIM. The UIMs will get logged completely as well as display fullon 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-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	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 the upgrade to fail, nor did the ATH keep repeating, as there was already code that would only allow this ATH to occur once per card. Also, it is worth noting there were other cards of this type in the system that did not exhibit the same behavior as this card.
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-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130446		3	Resolved	Defer	Typo in UA RCVD MSG DISCARDED UIM - SLK OOS-MT-DSLBD	The test of the output has an extra D. Unless a customer is doing a full text match on the UIM there should be not 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 overloading the IMT if all capacity 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-establish normally. Changing the MTU size of a router in a live network crossed by established uni-homed associations is a service-affecting action.
130607		3	Resolved	Defer	DDB - "LINK" status of ddb going corrupt when a large number of links are bounced	This corruption has the following minor system's impact: 1- The DDB checksum mismatch 2- a PMTC change-over can be initiated when a card fails, when it is not required. We see no impact on how traffic is routed.
130622		3	Resolved	Defer	issue with dlt-card when unresolved symbols auto inhibit exists	If the card is fully deleted from the DB but allowed to be regenerated in the status system (rept-stat-card), then that slot cannot be reprovisioned. A workaround for this issue would be to remove the blade from the slot and init the active OAM.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
130777		3	Resolved	Defer	Link LED on IPSM's Port B stays RED	The unused Port B Link LED is lit RED. We have traditionally left this unused link 's LED as GREEN to avoid alarming customer. There no impact to operational software.
130784		3	Resolved	No-Fix	IPSG: tst-slk:loc=[ipsg card]:port=y:loopback=sltc for M2PA links consistently returns Test Status=loopback aborted	The TST-SLK:LOOPBACK=SLTC command does not function on IPSP M2PA signaling links. The test is always aborted with no service impact. The period test for the link in-service does work.
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 IPSP card consume TPS capacity but are not reported by the REPT-STAT-IPTPS command. During periods of high receive MSU traffic on an IPSP-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 IPSP-M3UA links are Tx'ing/Rx'ing and at what rate.
130976		3	Resolved	Defer	IPSG: EMP reports "IPConnAva/IPConnUnava" on wrong port	In the EMP event messages sent to IMF for IPConnectionUnavailable/IPConnectionAvailable (events e0 and e1) are always reported on port 0. However the LinkAvailable/LinkUnavailable Events (event 34 and 55) are reported on the correct Card/port id

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
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 IPSC 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.
131495		3	Resolved	Defer	IPSG: OAM incorrectly allows cluster route to reference m3ua linkset	If the cusomter incorrectly provision the routing of a cluster to use an association the EAGLE does not stop this. This would result in incorrect SS7 network management concerning the AS.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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 protocol 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.
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.
132097		3	Resolved	Defer	IPSG - ASP-UP msg received in ASP-Active state is not processed properly	IPSG sends the "Unexpected Message" error, but does not transition the state to ASP Inactive or send an ASP-Inactive Ack.
132280		3	Resolved	Defer	Documentation needs updated hardware incompatibility messages for Eagle 39.0	Customer will not understand from Manula why the UIM is comign out. The UIM indicates the incorrect hardware so this should not be an issue.
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
132659		3	Resolved	Defer	Module tprc_adj.c Line 4576 Class 01c3 Severity 1 occurs during ITU MTP Restart on IPSPG	For IPSPG, 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.
132775		3	Resolved	Defer	Command reject E4784 and UIM 1383 description not present in R38 documentation	Missing information in the documentation leading the customer not to be able to perform appropriate action
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 output a Sev 1 ATH when a UIM should actually be output. However, there is no impact on the message handling. (The message is discarded.)
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 IPSPM 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 TIF FWDSCS service actions. This will not be a common case. Most customers will also be using TIFNP, which allows the generation and reporting of pegs.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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:pci=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 interveral. The daily reports will also be missing whatever pegs were generated in the 2300 to 2400 interval.
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 interveral. The daily reports will also be missing whatever pegs were generated in the 2300 to 2400 interval.
133649		3	Resolved	Defer	Module ecd_sccp.c Line 1894 Sev1 ATH output along with UIM # 1231.	Customer will not have explanation of new format in the customer docs. Most of the information is easy to read from the UIM directly.
133748		3	Resolved	Defer	MSU_KEY_ENHANCEMENT_TBG TTLS: MRC functionality not working correctly for CLS mode.	The customer may be misled 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.
133752		3	Resolved	No-Fix	ACG processing not performed for IN queries received through LNPQS TT	If an operator sends IN Queries to LNPQS (TT Independence) service, and heavy traffic condition calls for an ACG generation which does not happen, some Queries may be discarded. However, since no customers experienced such issue over the last 6 years (since TT Independence implementation) it is very likely they use a specific TT for IN Queries that routes them directly to IN Service and not to LNPQS Service, so that ACG generation for IN Queries does take place when necessary.
133798		3	Resolved	Defer	Filename displayed incorrectly in meas error output	If there is a failure the File name will have extra characters at the end of the name.
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 original OPC and DPC making harder to determine where MSU originally came from.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
134378		3	Resolved	Defer	REPT-STAT-IPTPS slow when updating status after links are deactivated	Current status information for this report is delayed when deactivating links. Data eventually appears correct after a several seconds
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 deferred to subsequent release.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
134933		3	Resolved	Defer	dms_utl.c Severity 1 error during upgrade to R40.0.0-61.38.1	As long as the upgrade is followed as directed there is no impact on the system.
135195		3	Resolved	Defer	LNP processing time not calculated properly	The SCCP cards will not report the correct CPU usage for LNP messages. This does not affect operation of the system.
135353		3	Resolved	Defer	IPSG - connection manager pass command displays "Command Rejected: E5000 - undefined msg#" and completes command	The connmgr pass command displays an erroneous error message, but the command displays the event log data properly. Also, the command is processed normally. Since this is a pass command the customer should not be using this without TAC assistance.
135390		3	Resolved	Defer	Tst msg output is not showing conditioned and formatted cgn	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.
135477		3	Resolved	Defer	LRNQT:Sev1 mc60_lnp observed on EDSM card running MCP application	When this problem occurs, some measurements data may be lost.
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.
135714		3	Resolved	Defer	Rel 40.0_NPP:Severity 1 ATH observed for tst-isup-msg and tst-tr-msg	Customer sees a Sev1 ATH when testing an invalid ISUP message (one that does not have a CDPN provisioned).
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 this as normally customers do not request measurements when they are turned off.
135970		3	Resolved	Defer	Module hpru_mgr.c Line 1532 Class 0075 - Orbit during HIPR card recovery	Due to this orbit, the HIPR takes ~10 seconds longer to come on line when inserted into its slot as it resets when in simplex.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
135981		3	Resolved	Defer	IPSG :Transmit data count wrongly updated for DAVA messages	MSUCOUNT Data Transmit counter is updated(instead of SNM count) for transmitted DAVA message when ASP Active comes.
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.
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.
136219		3	Resolved	No-Fix	Telcordia-FT - National Bit of Addr Indicator Changed for XUDT ITU-N->I	There is no system impact.
136449		3	Resolved	Defer	No way to stop monitoring an association definitively (FC heart beat always sent)	Customer will end up with an false alarm for a link they they stopped monitoring.
136457		3	Resolved	Defer	ent-trace does not work correctly for enhanced MSUs	ent-trace is a debug tool and should only be used at the direction of TAC. This problem only occurs running ent-trace on systems using SEHSL. In some cases this could cuase the cards to boot.
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.
137116		3	Resolved	Defer	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

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
137192		3	Resolved	No-Fix	For ACMENET card MSUs are getting discarded above TVG rate 230, while its maximum TVG capacity is 435 TVG/second.	The ACMENET card supports TVG rate 435(as documented TR005807). Observed TVG rate of 230 is limit for ACMENET card. Should be replaced with current ENET shipping baseline cards.
137217	Y	3	Resolved	Defer	E2048 Cmd Rej: Unneeded information found	chg-assoc command information is misleading, lhost parameter is not mandatory.
137337		3	Resolved	Defer	R41_VGTT16:TYPEI parameter is accepting values other than numeric digits i.e typei=23kajs in ent-tt,rtv-tt,ent-gtt commands.	All non-numeric characters following valid numeric characters will be ignored. For example 123abc will be processed as 123. So entered numeric value will operate as expected.
137618		3	Resolved	Defer	ENT-ASSOC command allows assoc to be made on IPS card	Associations can be made on IPS cards but can never be put into an active state or deleted. These associations will have no system impact other than consuming some of the system association limit of 4000.
137646		3	Resolved	Defer	IPGWI cards obit in torture test	The failure has only been seen when there a extreme overload of SSEDCCM 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.
137726		3	Resolved	No-Fix	<CHG-GPL:GPL=MPLG>=E2238 Cmd Rej: The GPL type entered is not currently supported	None
137805		3	Resolved	Defer	Module ftpt_mgr.c Severity 1 seen during SW Release download (getrel)	Just an unexpected trouble. A message is sent from the IPS card to the FTPT task on the OAM that is not expected. The message is not needed for the current operation that is being performed.
137849		3	Resolved	No-Fix	LIM cards never raise a "D" denied in the SNM TVG Status field	The code has an algorithm for discarding SNM messages that exceed capacity, and messages are discarded according to priority, so the higher priority messages do get processed.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
137858		3	Resolved	No-Fix	Module poll_mv.cpp Line 358 Class 01d0 Severity 1	The information provided in the Sev 1 indicates the IMT address of the card in question and the type of message that the card was returning. In this case late to respond from measurements poll under extreme conditions. There is no system impact related to this PR.
137980		3	Resolved	Defer	Meas LNP poll prep needs reliable LNP data source	It is likely that in most cases, an SCCP card would be selected that is suitable to serve as the measurements LNP data source. However, if a card is selected that does not have a good LNP database, it could impact the accuracy of the LRN and NPANXX meas reports. The extent of the impact cannot be determined, but could be negligible to extensive, depending on the condition of the card's LNP database. The issue could impact the hourly report for one or more hours, as well as the daily report. The problem would persist until the card's database is corrected, or until a different card is selected as the data source.
138070		3	Resolved	Defer	Module tvg_hipr.c Line 1594 Class 01c1 Severity 1	Low priority task are not being service in time. There should be no overall impact at the customer site as this occurred at greater than rated capacity.
138084		3	Resolved	No-Fix	Ethernet Interface up alarm is getting missed sometimes in FC load shedding scenario	User will miss the 'Ethernet Interface Up' alarm and will see the latest alarm only i.e 'FC Port Deactivated'. Note: r-s-card and r-s-mon will display the correct States for FC Ports.
138125		3	Resolved	No-Fix	meas_dth.c Line 550 Class 0001 Severity 1 & meau.c Line 1706 Class 01c3 Severity 1	This occurs only when the system is in an unsupported configuration.
138150		3	Resolved	Defer	MOSMSNPP: CGPNASDRQD/CGPNGRNRQD Service Actions: difference in OUTPUT for TST-MSG and actual MSU	None, actual message is not affected.
138152		3	Resolved	Defer	MOSMSNPP: TST-MSG output shows the TCAP NAI of the Calling Party digits (CGPN) getting modified.	No issues with the actual message sent out.
138226		3	Resolved	Defer	MOSMSNPP: UIM 1376 is not observed when subscriber is marked as Prepaid and also Ported Out	Customer does not see UIM in this specific scenario.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
138232	Y	3	Resolved	Defer	UAM 0300 needs to be updated to new output and additional information.	The + sign means more than one service is denied. The customer will not realize this as it is not in the customer documentation. The customer will need to do <code>reprt-stat-card:mode=full</code> . Will only know that by calling TAC or reading this information.
138289	Y	3	Resolved	Defer	Update Commands Man. for using hyphens in hostname for <code>ent-ip-host</code> command	Customer is confused when attempting to use the "-" (dash) for creating host name in the <code>ENT-IP-HOST</code> command. Normally "-" should not be used in regular EAGLE commands. CDocumentation needs to be updated to reflect accepted characters.
138292		3	Resolved	Defer	E5-IPS Thermal alarms look like they will not increment/decrement Alarm Counts (alarm count mismatch)	This could cause the customer's 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 <code>r-s-mon</code> will continue to increase even though the cable is disconnected. This could cause 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 connection is down.
138339		3	Resolved	Defer	<code>pollmv.c</code> severity 1 seen during overnight load/stress/volume test on eagle 1190601	User could lose measurement data for the incomplete interval after card boot.
138381		3	Resolved	Defer	MOSMSNPP: Changing the DEFMAPVR parameter value in GSMOPTS Table is dependent on GPORT or IGM feature.	Customer can not change the default value of DEFMAPVR when "MO SMS NP" feature is enabled or turned on. It always uses the default value 1. (MAP Phase 1)
138383		3	Resolved	Defer	Fast Copy alarms related issues and refactorization of Fast Copy CPU load shedding changes	<p>1. The status of FCS is displayed when E5IS feature is turned on in <code>reprt-stat-sys</code> output. (Fast Copy Subsystem (FCS) status should be displayed only when <code>FCMODE</code> is <code>FCOPY</code>.)</p> <p>2. In case of Generic Clearing of "Unexpected SAM" alarm, the format type code (<code>FC_UNEXPECTED_SAM_FORMAT: 0x03</code>) is not going to IMF along with sentinel code.</p> <p>3. 'All FCS Network Unavailable' alarm not aligned correctly in the output of <code>reprt-stat-trbl</code>.</p>
138407		3	Resolved	Defer	Sev 1 exhibited while running various commands with 40 terminals up	Unwanted Sev 1 occurs intermittently with all terminals up and much system activity. No other impact.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Dispo- sition	Title	Customer Impact
138410		3	Resolved	Defer	Link option in the rtrv-assoc command does not work properly for IPSPG M3UA/M2PA associations	The rtrv-assoc command output will not have the right IPSPG M3UA/M2PA associations when link option is specified. The command will have to be used without that option.
138414		3	Resolved	Defer	rtrv commands should behave in the same manner when printing 0 entries	Some commands will tell the user there is no data some will not.
138419		3	Resolved	Defer	LRN and NPANXX entities missing in OAM LNP measurement reports	Customer will lose hourly and daily LNP LRN and NPANXX measurements on OAM measurements only. Measurement platform will not have an issue.
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 characters 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.
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 behavior for EAGLE UI. Change will be made to clear IMF specific alarm to the IMF.
138521		3	Resolved	Defer	slanlsn parameter should not be feature-bit/FAK controlled for rtrv-ss7opts output	Just data when it is present when feature to use it is not on.
138538		3	Resolved	Defer	wrong parameter "digits" defined "tst-npp-msg" command in documentation of release 39.2	The customer could not use the command from the manual unless he found the right parameter which is "digs" after using the help section on the eagle terminal by hitting F10
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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
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.
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.
138825		3	Resolved	Defer	IPSG: EAGLE not responding with Managment Blocking Error (0xd) when an ASP Active msg is received in the ASP-Pending State	Customer may not be able to know the correct reason for the SLK not getting to normal state.
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 available 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 character from SEAS command.	In rare cases character drops (on SEAS terminal) causing command to fail.
138931		3	Resolved	Defer	REPT-STAT-IPTPS PEAKRESET not working	Customer cannot reset IPTPS counts for all linksets at once. He will need to work-around by defining each linkset he wants to clear counts for one at a time
138992		3	Resolved	Defer	EMS - FTRA functionality failed on E5-MASP cards	FTRA 4.2 has been fixed to work with OAMHC. FTRA 4.1 will not work with OAMHC. FTRA 4.2 can be used with Eagle 40.1 release. Though commands that were added in FTRA 4.2 may not work. Executing thoes command may result in failure of retrieve session or generation of incorrect CSV files.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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.
139027		3	Resolved	Defer	Alarm Status text shows 29 29 "Unused trouble text entry" for rept-stat-rtd after MSU checksum error	This only affects the rept-stat-rtd commands display if there is an RTD alarm present. This alarm still is displayed correctly when the alarm is first set, it also still is displayed correctly with the rept-stat-trbl, rept-stat-alm alarm counts, in the hourly reports, etc.
139028		3	Resolved	Defer	scmg_vcp.c Line 685 Severity 1 seen after an init-network command	requires customer 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.
139035		3	Resolved	No-Fix	Error code(2962) is same for E5-MCAP removable usb and flush mount usb	None, once documentation is corrected.
139046		3	Resolved	Defer	netstat -i not displaying complete information for Fast Copy GEI Interfaces	As this is a debug command This only impact TAC when trying to trouble shoot issue on fast copy port.
139118		3	Resolved	Defer	Rel 40.1_Fast Copy: Service Reject Message not generated when "RECONNECT" is set in SAM	The text in the UIM needs to be corrected to indicate the exact failure reason. This will make troubleshooting easier.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
139149		3	Resolved	Defer	MOSMSNPP: Incorrect 'E4891 Cmd Rej: Rule does not exist' and subsequent 'Module npp_dat.c Line 566 Severity 1'	<p>the issue is caused when there are gsmopts:multcc entries pre-upgrade that are greater in length than defcc. However if they do post upgrade the Customer would not be able to delete/change this rule using dlt/chg-npp-srs commands. Rule works correctly on Network card & since this rule has DEFCC as FPFX & DEFCC value would not change after upgrade, MSU processing would be as per the associated action set, however customer would not be able to change the action set associated with this rule.</p> <p>Action set can not be deleted if some rule refers to the action set. Since we are not able to access the rule that refers to the action set, it is not possible to delete associated action set in this case.</p> <p>===== Added ; customer needs to be aware of this ===== In Release 40.1 after upgarde, "MO SMS NPP" gcdpntcc & icdpntcc specific rules has following filter data:</p> <pre>FPFX FNA FDL DEFCC INTL *</pre> <p>User is not able to access above 2 rules using ent/chg-npp-srs commands but</p>
139160		3	Resolved	Defer	Module mdb_hcl.c Severity 1ATH when adding an SS7 SLK to an M2PA IPSP 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..
139247		3	Resolved	Defer	MOSMSNPP: auto-provisioned AS with uppercase letters will not display with 'rtrv-npp-as:asn=<specific>'	<p>User will not be able to access these "Action sets" [gcdpnunkX" or "icdpnunkX], resulting in possible loss of use of 2 action sets out of total of 1024 action sets. MSU processing pointing to these "Actions Sets" is the same as prior to the upgrade. Hence there is no functional impact.</p> <p>Work around: 1. Make a new "Action Set" with any name other than "gcdpnunkx" or "icdpnunkx" 2. Make the existing rules pointing to "gcdpnunkX" or "icdpnunkX" to use the new Action Set created in Step 1, using chg-npp-srs command. NOTE: Please do not populate/configure any rules to use these bad action sets, "gcdpnunkx" or "icdpnunkx".</p>

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
139259		3	Resolved	Defer	mdth_mcp.c Line 1375 Class 01c3 Severity 1 seen after Measurement SS went into service	In normal conditions, this ATH would not be seen. It could occur if set-date is used to change the current date. Customer may be concerned at seeing a Sev 1 but there is no adverse impact on system operation.
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	tkr_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 establishment between DSM card and EPAP is in progress and the connection gets aborted in between (before the connection was established successfully) 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.
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.
139500		3	Resolved	Defer	TPS fluctuations in rept-stat-iptps	The report generates inaccurate data in that an update wipes out the prior data, so more than one update per 15s window results in data loss. With E5 OAM must use pass command for MSU count to have accurate count.
139503		3	Resolved	Defer	IDPR: Flaw in cncchk SA when CCNC not provisioned 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.

Table RN-10. EAGLE 5 ISS 40.1 Known PRs (4/14/10) (Continued)

PR #	CSR?	Sev	Status	Disposition	Title	Customer Impact
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 intermittently	No system impact. Display could have some anomalies after MASP reboot. A refresh of the terminal F11 will correct the issue.
139715		3	Resolved	Defer	Booting IPSM card after successful getrel command causes remote upgrade to fail	Customer should not normally encounter this problem. If it is encountered then another software download will clear the issue.
140023		3	Resolved	Defer	OAMHC symbol mismatch impacts upgrade process	E5-EOAM card will not upgrade to target release unless OAMHC gpl is loaded.
140120		3	Resolved	Defer	FC App de-activated on IPSPG with 272 B MSUs at 5000 TUC	Fast copy monitoring is lost when traffic nears 100% of rated IPSPG card capacity when in extreme configuration.
140361		3	Resolved	Defer	MOSMSNPP: RN/0 (Migrated to IS41) Subscribers are not being treated as SP (own Subscriber)	If MOSMSTYPE=RN, MOSMS NP will consider RN/0 subscribers as RTDB lookup success and will populate the SP token. In the pre-NPP version, if MOSMS had DNFMT = RN, the auto-provisioning code written for MOSMS NPP will configure formatting action as RNoSPoDN. This would result in erroneous behavior for RN/0 subscribers because now these messages for RN/0 subscribers will be tagged with entity digits (HLR E164 address) though it was not intended.
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.

Table RN-11. ECAP 40.1 Known PRs (5/7/09)

PR #	CSR	Sev	Status	Disposition	Title	Customer Impact
105783		3	Resolved	Defer	sentryd processes dump lots of core files	Minor alarm associated with the core file being on the server may cause unnecessary concern for the customer.
106300		3	Resolved	Defer	FileScrubber process should not fail to free the space in archive.	Customer should not create directories under /usr/TKLC/ecap/xml/pending_ftp or /usr/TKLC/ecap/xml/archive_ftp, as these are directories used by the ECAP application. Customer should move directories elsewhere if they are created in these locations.
139084		3	Resolved	Defer	Opcode which contains "!" character is accepted as valid in opcode filter list	If the user executes the ecapcfg menu option to display the list of discarded or allowed opcodes, the list will display '5!'. Once the issue has been detected, it can be easily corrected by deleting '5!' from the list and adding the desired opcode. Until correct all MSUs with opcode 5 will be discarded or allowed as specified. Note 5 could be any number.

Table RN-12. EAGLE EMS 40.1 Known PRs (5/7/09)

PR #	CSR	Sev	Status	Disposition	Title	Customer Impact
135597		2	Resolved	No-Fix	EMS: Installation failure CMI_Rel40-100.3.0	This PR is an early issue discovered during development for upgrading applications for a very early build of R40.1. Since "upgrading" to R40 is actually a migration and not an upgrade, and release 40.1 has not entered the test phase, this PR does not apply. Thus, there is no customer impact.
124636	Y	3	Resolved	Defer	False alarm of password in Resync - AR 1395978	False alarm reported for password resynch with Eagle Smart Agent. Issue is not supported by Harris. Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
127224		3	Resolved	No-Fix	CMI Command Parsing Errors in Tekelec EMS Command Manager	The new CMI will find problems and give the user a free text area to submit in case the CMI cannot build a correct command.
128487		3	Resolved	Defer	EMS-Error During Inventory Run	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-12. EAGLE EMS 40.1 Known PRs (5/7/09) (Continued)

PR #	CSR	Sev	Status	Dispo- sition	Title	Customer Impact
129691		3	Resolved	Defer	EMS - Invalid card-loc allowed in Maintenance through FMS	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
129698		3	Resolved	Defer	EMS: Misleading error in CMI	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
129942		3	Resolved	Defer	EMS - Time not specified in the logs	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
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. The ARI script will not properly execute from the crontab. The script will work interactively as an interim solution.
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.
130800		3	Resolved	Defer	EMS - Incorrect Date Display on CMI pages	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	At installation time the output directory must be manually created. 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. Presently the results folder will need to be cleared manually if a card is removed from a location.
131189		3	Resolved	Defer	EMS : DATA MISSING IN LOGFILES AR 1445291	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131225		3	Resolved	Defer	EMS - CMI Send Cmd/Script fails if Eagle takes long time to display output	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-12. EAGLE EMS 40.1 Known PRs (5/7/09) (Continued)

PR #	CSR	Sev	Status	Disposition	Title	Customer Impact
131233		3	Resolved	Defer	EMS - Eagle terminal not accessible through Tarantella AR 1445294	No impact to EMS users. Legacy Harris Smart Agent (SMA) PR.
131256		3	Resolved	Defer	EMS - Incorrect graphical display after physical card replacement	The results directory folder needs to be manually cleared if the card inventory is changed. Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131486		3	Resolved	Defer	EMS: Platform Measurement reports.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131487		3	Resolved	Defer	EMS: Help link not working.	None - 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 repaired.
131616		3	Resolved	Defer	EMS : Incorrect info in CMI 'view logs'.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131618		3	Resolved	Defer	EMS : Incorrect LIM port info on 'view logs' page in CMI.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131621		3	Resolved	Defer	EMS: Missing data in 'BoardIDPromReport' in CMI.	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131627		3	Resolved	Defer	EMS - CMI Script fails on continuous run	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131629		3	Resolved	Defer	EMS: CONNECTIVITY FAILED AFTER UPGRADE. AR 1445297	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131663		3	Resolved	Defer	EMS - Wrong path in document for "write_results" function AR 1445298	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131760		3	Resolved	Defer	EMS - Incorrect Severity for HSA generated alarm	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131935		3	Resolved	Defer	EMS - Eagle CLLI not available for CMI login	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131988		3	Resolved	Defer	EMS - DBInsert alarm does not clear after db comes up	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
131995		3	Resolved	Defer	EMS - No alarms for Auto Inventory failure	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.

Table RN-12. EAGLE EMS 40.1 Known PRs (5/7/09) (Continued)

PR #	CSR	Sev	Status	Disposition	Title	Customer Impact
132938	Y	3	Resolved	Defer	Measurement HSA loader needs to convert blank fields to null before insertion	Blank entries are causing invalid data to be inserted into the measurements database and corrupts the utilization reports. Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
133946		3	Resolved	No-Fix	EMS: Error on script execution	Behavior has not re-occurred. Since the symptom occurred early in the development cycle it is possible to have been a random event of the load. No customer impact expected.
134374		3	Resolved	Defer	installation Packaging- Tekelec EMS-set executable permissions bit in Measurements Platform HSA	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
134402		3	Resolved	Defer	EMS - No indication to user on click of Play button regarding stopped port	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
134846		3	Resolved	Defer	EMS - No entry in the EMS_DEVICE_MATE table for mated Eagle pair	Legacy Harris Smart Agent (SMA) PR. No immediate impact to EMS users.
135720		3	Resolved	Defer	Change "rack" references to "frame" in EMS	None - not an operational defect
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 currently implemented. Tekelec want to investigate.
140166		3	Resolved	Defer	EMS - CMI Command parsing problem	Legacy PR - works as currently implemented. Tekelec wants 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.

