

*Tekelec EAGLE[®] 5
Signaling Application System*

Release 34.0

Release Notice

909-0088-001 Rev K

July 2007



TEKELEC

**Copyright 2007 Tekelec
All Rights Reserved
Printed in U.S.A.**

Notice

Information in this documentation is subject to change without notice. Unauthorized use or copying of this documentation can result in civil or criminal penalties.

Any export of Tekelec products is subject to the export controls of the United States and the other countries where Tekelec has operations.

No part of this documentation may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, for any purpose without the express written permission of an authorized representative of Tekelec.

Other product names used herein are for identification purposes only, and may be trademarks of their respective companies.

RoHS 5/6 - As of July 1, 2006, all products that comprise new installations shipped to European Union member countries will comply with the EU Directive 2002/95/EC "RoHS" (Restriction of Hazardous Substances). The exemption for lead-based solder described in the Annex will be exercised. RoHS 5/6 compliant components will have unique part numbers as reflected in the associated hardware and installation manuals.

WEEE - All products shipped to European Union member countries comply with the EU Directive 2002/96/EC, Waste Electronic and Electrical Equipment. All components that are WEEE compliant will be appropriately marked. For more information regarding Tekelec's WEEE program, contact your sales representative.

Trademarks

The Tekelec logo, EAGLE, G-Flex, G-Port, IP⁷, IP⁷ Edge, IP⁷ Secure Gateway, and TALI are registered trademarks of Tekelec. TekServer is a trademark of Tekelec. All other trademarks are the property of their respective owners.

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, 6,456,845, 6,606,379, 6,639,981, 6,647,113, 6,662,017, 6,735,441, 6,745,041, 6,765,990, 6,795,546, 6,819,932, 6,836,477, 6,839,423, 6,885,872, 6,901,262, 6,914,973, 6,940,866, 6,944,184, 6,954,526, 6,954,794, 6,959,076, 6,965,592, 6,967,956, 6,968,048, 6,970,542

Ordering Information

For additional copies of this document, contact your sales representative.

Table of Contents

Introduction.....	RN-2
PR Severity Definitions	RN-2
How to Locate Documentation on the Customer Support Site.....	RN-2
Generic Program Loads	RN-4
Harris Smart Agent Version Compatibility	RN-9
Resolved PRs	RN-10
EAGLE 5 SAS 34.0.10 Resolved PRs - Build 34.0.10-55.53.85 - 7/11/06 .	RN-10
EAGLE 5 SAS 34.0.9 Resolved PRs - Build 34.0.9-55.53.84 - 5/30/06	RN-11
EAGLE 5 SAS 34.0.8 Resolved PRs - Build 55.53.83 - 5/11/06.....	RN-11
EAGLE 5 SAS 34.0.7 Resolved PRs - Build 55.53.82 - 4/14/06.....	RN-12
EAGLE 5 SAS 34.0.6 Resolved PRs - Build 55.53.69 - 3/24/06.....	RN-13
EAGLE 5 SAS 34.0.5 Resolved PRs - Build 55.53.164 2/28/06.....	RN-16
EAGLE 5 SAS 34.0.4 Resolved PRs - Build 55.53.66 12/14/05.....	RN-16
EAGLE 5 SAS 34.0.3 Resolved PRs - Build 55.53.64 12/4/05.....	RN-16
EAGLE 5 SAS 34.0.1 Resolved PRs - Build 55.53.0 - 11/4/05.....	RN-17
EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05.....	RN-17
ELAP 5.0.3 Resolved PRs - Build 55.21.0 - 1/18/06.....	RN-31
ELAP 5.0.2 Resolved PRs - Build 55.20.0 - 11/21/05	RN-31
ELAP 5.0.1 Resolved PRs - Build 55.17.0 - 11/14/05	RN-32
ELAP 5.0.0 Resolved PRs - Build 55.16.0 - 10/25/05.....	RN-32
Known PRs	RN-34
EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06.....	RN-34
ELAP 5.0.3 Known PRs - 1/18/06	RN-51
ECAP 1.0.0 Known PRs - 9/21/06.....	RN-54

Introduction

This revision of the EAGLE 5 SAS 34.0 Release Notice has been updated to include ECAP 1.0.0-10.8.0 Known PRs. See Table RN-20 on page RN-54.

This document also includes:

- Generic Program Loads
- Resolved PRs
- Known PRs
- The Harris Smart Agent Version Compatibility information

Release Notices are distributed to customers with a new software release at the time of General Availability (GA) or Limited Availability (LA). The Release Notice is updated for each Maintenance release. For each new publication to the web, the revision level of the part number is incremented.

The Release Notice is published on Tekelec's Customer Support site and 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 Tekelec's Customer Support site and how to locate customer documentation. Viewing these files requires Adobe Acrobat Reader.

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

Follow the instructions on the screen.

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

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

Generic Program Loads

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

Table RN-2 on page RN-6 lists the GPLs for previous builds.

Table RN-1. Generic Program Loads (GPLs) - Builds 34.0.8-55.53.83 through 34.0.10-55.53.85

GPL SYSTEM NAME	VERSION Build 34.0.10-55.53.85	VERSION Build 34.0.9-55.53.84	VERSION Build 34.0.8-55.53.83
Date Available	7/11/06	5/30/06	5/11/06
ATMANSI	125.53.81	125.53.81	125.53.81
ATMITU	125.53.81	125.53.81	125.53.81
BLBIOS	125.39.0	125.39.0	125.39.0
BLCPLD	125.53.67	125.53.67	125.53.67
BLDIAG	125.39.0	125.39.0	125.39.0
BLVXW	125.53.68	125.53.68	125.53.68
BPDCM	125.47.0	125.47.0	125.47.0
BPHCAP	125.47.0	125.47.0	125.47.0
BPHCAPT	125.47.0	125.47.0	125.47.0
BPHMUX	125.53.68	125.53.68	125.53.68
BPMPPL	125.47.0	125.47.0	125.47.0
BPMPPLT	125.47.0	125.47.0	125.47.0
CCS7ITU	125.53.81	125.53.81	125.53.81
CSVGEN	125.53.67	125.53.67	125.53.67
CSVGENX	125.53.67	125.53.67	125.53.67
CDU	155.53.81	155.53.81	155.53.81
EBDABLM	125.53.81	125.53.81	125.53.81

Table RN-1. Generic Program Loads (GPLs) - Builds 34.0.8-55.53.83 through 34.0.10-55.53.85 (Continued)

GPL SYSTEM NAME	VERSION Build 34.0.10-55.53.85	VERSION Build 34.0.9-55.53.84	VERSION Build 34.0.8-55.53.83
Date Available	7/11/06	5/30/06	5/11/06
EBDADCM	125.53.81	125.53.81	125.53.81
EMDC	125.53.81	125.53.81	125.53.81
EOAM	125.53.85	125.53.81	125.53.81
EROUTE	125.53.81	125.53.81	125.53.81
GLS	125.53.81	125.53.81	125.53.81
HIPR	125.53.68	125.53.68	125.53.68
IMT	125.53.81	125.53.81	125.53.81
IMTPCI	125.47.0	125.47.0	125.47.0
IPGWI	125.53.83	125.53.83	125.53.83
IPLIM	125.53.83	125.53.83	125.53.83
IPLIMI	125.53.83	125.53.83	125.53.83
IPS	125.53.81	125.53.81	125.53.81
MCP	125.53.81	125.53.81	125.53.81
MPLG	155.53.81	155.53.81	155.53.81
PLDE1T1	125.39.0	125.39.0	125.39.0
PLDPMC1	125.39.0	125.39.0	125.39.0
SCCP	125.53.84	125.53.84	125.53.81
STPLAN	125.53.81	125.53.81	125.53.81
SS7ANSI	125.53.81	125.53.81	125.53.81
SS7GX25	125.53.81	125.53.81	125.53.81
SS7HC	125.53.81	125.53.81	125.53.81
SS7IPGW	125.53.83	125.53.83	125.53.83

Table RN-1. Generic Program Loads (GPLs) - Builds 34.0.8-55.53.83 through 34.0.10-55.53.85 (Continued)

GPL SYSTEM NAME	VERSION Build 34.0.10-55.53.85	VERSION Build 34.0.9-55.53.84	VERSION Build 34.0.8-55.53.83
Date Available	7/11/06	5/30/06	5/11/06
SS7ML	125.53.81	125.53.81	125.53.81
SWP	125.53.67	125.53.67	125.53.67
VCDU	155.53.81	155.53.81	155.53.81
VSCCP	125.53.84	125.53.84	125.53.82
VXWSLAN	125.53.81	125.53.81	125.53.81

Table RN-2. Generic Program Loads (GPLs) - Previous Builds

GPL SYSTEM NAME	VERSION Build 34.0.7-55.53.82	VERSION Build 34.0.6-55.53.69	VERSION Build 34.0.5-55.53.164	VERSION Build 34.0.4-55.53.66	VERSION Build 34.0.3-55.53.64	VERSION Build 34.0.1-55.53.0	VERSION Build 34.0.0-55.52.1
ATMANSI	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
ATMITU	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
BLBIOS	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0
BLCPLD	125.53.67	125.53.67	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0
BLDIAG	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0
BLVXW	125.53.68	125.53.68	125.53.164	125.52.0	125.52.0	125.52.0	125.52.0
BPDCM	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0
BPHCAP	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0
BPHCAPT	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0
BPHMUX	125.53.68	125.53.68	125.50.0	125.50.0	125.50.0	125.50.0	125.50.0
BPMPPL	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0
BPMPPLT	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0

Table RN-2. Generic Program Loads (GPLs) - Previous Builds (Continued)

GPL SYSTEM NAME	VERSION Build 34.0.7-55.53.82	VERSION Build 34.0.6-55.53.69	VERSION Build 34.0.5-55.53.164	VERSION Build 34.0.4-55.53.66	VERSION Build 34.0.3-55.53.64	VERSION Build 34.0.1-55.53.0	VERSION Build 34.0.0-55.52.1
SS7ANSI	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
CSVGEN	125.53.67	125.53.67	125.45.0	125.45.0	125.45.0	125.45.0	125.45.0
CSVGENX	125.53.67	125.53.67	125.45.0	125.45.0	125.45.0	125.45.0	125.45.0
CDU	155.53.81	155.53.68	155.53.63	155.53.63	155.53.63	155.51.0	155.51.0
EBDABLM	125.53.81	125.53.68	125.53.63	125.53.63	155.53.63	125.51.0	125.51.0
EBDADCM	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
EMDC	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
EOAM	125.53.81	125.53.69	125.53.64	125.53.64	125.53.64	125.52.0	125.52.0
EROUTE	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
GLS	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
HIPR	125.53.68	125.53.68	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0
IMT	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
IMTPCI	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0	125.47.0
SS7IPGW	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
IPLIM	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
IPLIM	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
IPS	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
MCP	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0
MPLG	155.53.81	155.53.68	155.53.63	155.53.63	125.53.63	155.53.0	155.51.0
PLDE1T1	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0
PLDPMC1	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0	125.39.0
SCCP	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
SLAN	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0

Table RN-2. Generic Program Loads (GPLs) - Previous Builds (Continued)

GPL SYSTEM NAME	VERSION Build 34.0.7-55.53.82	VERSION Build 34.0.6-55.53.69	VERSION Build 34.0.5-55.53.164	VERSION Build 34.0.4-55.53.66	VERSION Build 34.0.3-55.53.64	VERSION Build 34.0.1-55.53.0	VERSION Build 34.0.0-55.52.1
SS7	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
GX25	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
SS7HC	125.53.81	125.53.68	125.53.164	125.53.63	125.53.63	125.53.0	125.52.0
SS7IPGW	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
SS7ML	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.53.0	125.51.0
SWP	125.53.67	125.53.67	125.45.0	125.45.0	125.45.0	125.45.0	125.45.0
VCDU	125.53.81	155.53.68	155.53.63	155.53.63	155.53.63	155.51.0	155.51.0
VSCCP	125.53.82	125.53.68	125.53.63	125.53.66	125.53.63	125.53.0	125.51.0
VXWSLAN	125.53.81	125.53.68	125.53.63	125.53.63	125.53.63	125.51.0	125.51.0

Harris Smart Agent Version Compatibility

The following information identifies the Harris Smart Agent Versions that are compatible with EAGLE 5 SAS 34.0.0, 34.0.1, and 34.0.3 through 34.0.10.

Table RN-3. Harris Smart Agent Version Compatibility

Smart Agent Component	Release 6.3	Release 6.5
Manage.IT	5.3	5.3
Command Manager	1.2	1.2
Performance	1.0	1.2
Inventory	1.0	1.0

Resolved PRs

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

Table RN-4 on page RN-10 lists the resolved PRs for EAGLE 5 SAS 34.0.10.

Table RN-5 on page RN-11 lists the resolved PRs for EAGLE 5 SAS 34.0.9.

Table RN-6 on page RN-11 lists the resolved PRs for EAGLE 5 SAS 34.0.8.

Table RN-7 on page RN-12 lists the resolved PRs for EAGLE 5 SAS 34.0.7.

Table RN-8 on page RN-13 lists the resolved PRs for EAGLE 5 SAS 34.0.6.

Table RN-9 on page RN-16 lists the resolved PRs for EAGLE 5 SAS 34.0.5.

Table RN-10 on page RN-16 lists the resolved PRs for EAGLE 5 SAS 34.0.4

Table RN-11 on page RN-16 lists the resolved PRs for EAGLE 5 SAS 34.0.3.

Table RN-12 on page RN-17 lists the resolved PRs for EAGLE 5 SAS 34.0.1.

Table RN-13 on page RN-17 lists the resolved PRs for EAGLE 5 SAS 34.0.0.

Table RN-14 on page RN-31 lists the resolved PRs for ELAP 5.0.3.

Table RN-15 on page RN-31 lists the resolved PRs for ELAP 5.0.2.

Table RN-16 on page RN-32 lists the resolved PRs for ELAP 5.0.1.

Table RN-17 on page RN-32 lists the resolved PRs for ELAP 5.0.0.

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

Table RN-4. EAGLE 5 SAS 34.0.10 Resolved PRs - Build 34.0.10-55.53.85 - 7/11/06

PR #	CSR?	Sev	Title	Customer Impact
90542	Y	3	EAGLE Obits when using Crosstalk and attempting to transfer a file using Kermit	The EAGLE will switch activity when using a misconfigured Crosstalk/kermit session.

Table RN-4. EAGLE 5 SAS 34.0.10 Resolved PRs - Build 34.0.10-55.53.85 - 7/11/06 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
104903	Y	3	Show "Command Complete" @ end of LOGOUT and CLR-IMT-STAT commands	When looking at the CLR-IMT-STAT command, the user sees the command has been issued, but there is no indication that anything has taken place other the semi-colon at the end of the output. Looking at the logout command, the user only sees the command has been entered, but the question comes up, "Am I really logged out?"
105154		3	Telcordia - the SEAS command of VFY-PE does not obtain any provisioning status for LIM-ATM cards	
107191		5	Request that the Eagle be 100% compliant with GR-778, section 4.2 (RFF 1528)	
108416	Y	5	SEAS/SNAM Reports ATM Linespeed as 1536000 rather than 1544000	

Table RN-5. EAGLE 5 SAS 34.0.9 Resolved PRs - Build 34.0.9-55.53.84 - 5/30/06

PR #	CSR?	Sev	Title	Customer Impact
108786		3	SCCP conversion fails when CDPA/CGPA GTT crosses domain	

Table RN-6. EAGLE 5 SAS 34.0.8 Resolved PRs - Build 55.53.83 - 5/11/06

PR #	CSR?	Sev	Title	Customer Impact
108290		2	SCTP Association 'bounces' in low traffic scenario	When user traffic on an SCTP connection (M2PA, M3UA, SUA) is steady but low (at least 1 packet every 500 ms but less than 2 packets every RMIN time) -AND- the far end SACK timeout is greater than RMIN+RTT/2, the SCTP association may be aborted by the Eagle. Event traffic is being reliably transported.

Table RN-7. EAGLE 5 SAS 34.0.7 Resolved PRs - Build 55.53.82 - 4/14/06

PR #	CSR?	Sev	Title	Customer Impact
107357	Y	2	DSM(s) booting w/module blnp_mps.c Class 0203 obit	The DSM(s) obit when servicing a call for a TN that does not have an MRG or an LRN associated with the TN, because the Eagle attempts to read a table entry beyond the bounds of either the MRG or LRN tables. If all DSMs obit at the same time, the customer will experience an SCCP outage.
43887		3	Telcordia - Links to adjacent STP inhibited prior to isolation - one	
56027		3	Telcordia - AMR: Restart procedures are performed when an adjacent node becomes available due to link uninhibiting	
107091	Y	3	Lack of an LUN causes a mismatch in the states even after the NODE restart broadcast	Adjacent Restart will always run if a node goes isolated for any time (including the small window when Link Uninhibit processing is attempting to bring up a link to keep the node from going isolated). This is incorrect. Adjacent restart also clears inhibit states when running. This is correct. The combination means that Adjacent Restart is always performed, which may confuse the adjacent node and cause traffic to be diverted while adjacent restart runs. It also means that if Restart runs first, no inhibit messages will be sent, and the far end will be responsible for assuming that the link can be used for traffic. If the far end sends a Link Force Uninhibit or Remote Inhibit Test, EAGLE will send LUN, so the problem should be only a short term problem.

Table RN-8. EAGLE 5 SAS 34.0.6 Resolved PRs - Build 55.53.69 - 3/24/06

PR #	CSR?	Sev	Title	Customer Impact
105331	Y	1	HC-MIM cannot export msu's to the IMF	This problem puts the HC-MIM card in an indeterminate state and results in booting the card.
104006	Y	2	Non adjacent PC is prohibited but IP association is CONNECTED	<p>"If the SS7 route for an IPGW-connected endpoint is entered AFTER the routing key for the associated point code, it is possible that network management will not function properly for this route (i.e., the IPGW route status for the point code may contradict the IPGW connection status for the corresponding routing key). This includes scenarios where the SS7 route is initially entered BEFORE the routing key but then the SS7 route is deleted and re-entered while the routing key remains provisioned.</p> <p>Workarounds for this problem are:</p> <p>1) For existing deployments that are experiencing this problem: the preferred solution is to inhibit and allow each IPGW card in the linkset. An alternative to this is to delete and re-enter the routing key for the problem routes. Either of these actions will permanently correct the problem as long as the SS7 route associated with the point code in the routing key is not deleted and re-entered.</p> <p>2) For new deployments: ensure that the SS7 route for the IPGW-connected endpoint is provisioned BEFORE the routing key for the corresponding point code.</p> <p>3) For modifying existing IPGW routes: delete the routing key, delete/change the SS7 route, enter the routing key.</p>
105942	Y	2	Using IP cards in slot 1112 can cause IPLIM and VSCCP cards go "DB DIFF	<p>Running chg-ip-card command on an IP card in slot 1112 can cause all IP-based cards in the system to become unstable. This prevents customer from installing an IP card in slot 1112.</p> <p>Work around:</p> <p>Technically, the "INCOHERENT" exception goes away and cards become fully operational, when the affected cards are reinitialized. However, TEKELEC DOES NOT recommend operating the cards this way. Customers are advised to take the Eagle 34.0.6 maintenance release for solving this issue.</p>
105953		2	SCOPY on HCMIM must not use blocking calls	This problem can have the following symptoms: (1) Card may boot; and (2) Card may get into an indeterminate state and may loose all the socket connections. In order to recover from the scenario mentioned in symptom 2, a customer should boot the card (init-card).

Table RN-8. EAGLE 5 SAS 34.0.6 Resolved PRs - Build 55.53.69 - 3/24/06 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
105985	Y	2	System reporting LIMs being denied STPLAN service	Before an upgrade, the VXWSLAN DLK link is set to 10Mbit HALF-duplex. After an upgrade, the VXWSLAN DLK link is set to 10Mbit FULL-duplex. If the DLK link that attaches to the Ethernet router is set to auto-negotiate, then there should be no impact, the DLK link should come up without problems (rarely does auto-negotiate fail). If auto-negotiate does fail then the Ethernet router port should be set to full-duplex. If the DLK link that attaches to the Ethernet router is set to half-duplex, then the router will have to be changed to full-duplex in order for the link to behave properly.
106022		2	FIGTTLS - GP_CNV.C Line 556 during Upgrade 53.46.65 to 55.58.71	The problem exists in any upgrade from any ENG 53 release to any ENG 55.36 release and up: during the grace period of GP Overhead conversion (1 second), MSUs, which were sent to SCCP before the last MTP card running the old GPL is taken out, but sent from SCCP after this last MTP card running the old GPL is taken out, will be discarded by the outgoing card.
106140	Y	2	MSU with RI=DPC-SSN and no PC in CdPA discarded during Tx over SUA	When an SCCP MSU with RI=Route on DPC-SSN is transmitted over an IPGW/SUA connection, it will be discarded by the IPGW card if the CLDPTY does not contain a point code. This will result in valid SCCP MSUs not being delivered to the SUA Application Server in this case. This problem is not specific to End Office mode. This is not a problem for other IPGW protocols (i.e., M3UA, TALI). There is no workaround for this problem.
106244	Y	2	STP received COO for B-Lnk to adjacent node. Lnk went to L3 congestion and stuck	Signaling links may remain in a congestion state causing TCAP failures.
96433	Y	3	EAGLE reports X.25 links bouncing but EOAP X25 trace is clean	The customer will receive alarms incorrectly stating that the X25 links are going up and down.
103495	Y	3	Route removed and link stays up.	If a customer deletes an Adjacent Point Code (APC) route the link will not go down, which could cause loss of data.
104533	Y	3	Receiving multiple UPLP_MGR severity 1 alarms.	Customer trouble logs are flooded with UPLP_MGR alarms.
104891	Y	3	HC MIM detects TEKCC clock failure when TEKCC is generated by TDM	The HC-MIM checks for not only clock frequency, but also duty cycle of the TEKCC being presented to it by the backplane. When there is no external BITS provided, the TDM generates its own BITS clock that does not have the standard 50-40 duty cycle. It is instead a 50% duty cycle which the HC-MIM hardware perceives as "bad".

Table RN-8. EAGLE 5 SAS 34.0.6 Resolved PRs - Build 55.53.69 - 3/24/06 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
105497	Y	3	Clock source changes after INIT-SYS	The impact is that the HS clock source type is misreported as an RS422 instead of the provisioned type. A valid HS clock is still distributed to the network cards. There is no problem with the HS master timing function. Issuing <code>chg-stpopts:hsclksrc=</code> will fix the problem. This problem seems to be primarily affecting systems using the E1 Unframed HS clock source, although it has been reported on at least one other configuration. Changing to a Framed clock source will likely reduce the occurrence of this problem. The symptom may occur if HS clock is configured as T1 or E1 Framed but nothing is provisioned to use it.
105587	Y	3	CdPA GT gets cut off when sending from SUA to SS7 ITU-N	When an SCCP incoming message comes with more than 11 GTT digits, the digits will be clipped to 11 digits while passing the information from Layer2 to MTP Layer3. This prevents the reception of long GTT calling party numbers.
105655		3	Links on HCMIM card unable to establish TCP connection with IMF	
105656		3	IP statistics-IP tooshort counter increases on HCMIM card with SCOPY feature on.	
105794	Y	3	SUA: DAUD with invalid point code not handled correctly	A DAUD message with full APCs (mask value =0) is always supported and processed. If the incoming DAUD message's first APC contains unsupported mask value (value other than zero), the entire DAUD message gets rejected. If any APCs other than the first one contains unsupported mask value in the incoming DAUD message, all APCs are processed with mask value 0.
106020		3	Broken Mutual exclusion on SCOPY and EMP	
106024		3	LIME1 cards in rtrv-ip-lnk Post Upgrade (53.46.65 to 55.58.71)	
106657		3	NTP_UTL timeslam alert incorrectly suppressed	
106687	Y	3	Eagle Timestamp slams 16+ seconds forward	The problem causes "ETS Mismatch" UIMs as a side effect as the TSC sync software attempts to compensate.
105176	Y	5	TVG Auto-refresh on HMUX and HIPR needs timeout period.	
105177	Y	5	Protect diagnostic test register on HMUX and HIPR	

Table RN-9. EAGLE 5 SAS 34.0.5 Resolved PRs - Build 55.53.164 2/28/06

PR #	CSR?	Sev	Title	Customer Impact
105331	Y	1	HC-MIM cannot export msu's to the IMF	This problem puts the HC-MIM card in an indeterminate state and results in booting the card.
105953		2	SCOPY on HCMIM must not use blocking calls	This problem can have the following symptoms: (1) Card may boot; and (2) Card may get into an indeterminate state and may loose all the socket connections. In order to recover from the scenario mentioned in symptom 2, a customer should boot the card (init-card).
105655		3	Links on HCMIM card unable to establish TCP connection with IMF	
105656		3	IP statistics-IP tooshort counter increases on HCMIM card with SCOPY feature on	
106020		3	Broken Mutual exclusion on SCOPY and EMP	
106115		5	VXWorks DPL enhancements	

Table RN-10. EAGLE 5 SAS 34.0.4 Resolved PRs - Build 55.53.66 12/14/05

PR #	CSR?	Sev	Title	Customer Impact
60995		5	Update Validation	

Table RN-11. EAGLE 5 SAS 34.0.3 Resolved PRs - Build 55.53.64 12/4/05

PR #	CSR?	Sev	Title	Customer Impact
103534		2	stopts upgrade conversion function fails for source release 31.6.12	Upgrade from Eagle release 31.6.12 to Eagle release 34.0 will fail.
103819		2	rtrv-ip-host can display garbled output after upgrade to Eagle 34.0	Eagle 34.0 can leave garbage in the unused entries of the IP-HOST table. As a result, the RTRV-IP-HOST command can print garbage after upgrade to Eagle Release 34.0. They may also be prevented from entering new entries into the IP-HOST table. This problem does not affect IPLIMx/IPGWx signaling links. The bigger issue here is that customers who have already upgraded to Eagle 34.0 and are experiencing this problem will need engineering assistance to cleanup their IP-HOST table.

Table RN-11. EAGLE 5 SAS 34.0.3 Resolved PRs - Build 55.53.64 12/4/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
104095		2	Telcordia - The SEAS measurements command "SEND-SCH-MEAS::P_COMP:000002:50,DOD::LAST" fails with no output	Customers can not retrieve link measurement peg counts via SEAS.
103846		3	RTRV-IP-HOST command reports table is twice as full as it really is	
104040	Y	3	Getting UPLP_MGR.C Line 837 Class 01b3 on each change or measurement request.	User is unable to make translation changes via SEAS.
104152		3	SEAS command parser not using latest version of lex/yacc	
104168		3	Link interface type is not filled correctly for channelized E1 HCMIM in Integrated monitoring messages	
104370		3	Telcordia - . On-demand response for ALL schedules for LINK enttype for specific entid	

Table RN-12. EAGLE 5 SAS 34.0.1 Resolved PRs - Build 55.53.0 - 11/4/05

PR #	CSR?	Sev	Title	Customer Impact
103387	Y	2	EAGLE populates the UDTS with incorrect DPC	The UDTS will misroute if the CgPA PC is part of a Network Cluster in the EAGLE route table. The current work around is to have the full point code built into the EAGLE's route table

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05

PR #	CSR?	Sev	Title	Customer Impact
48390		2	Telcordia - Did not send COO immediately after receiving an SIOS on a link	The COO message is being buffered within the Eagle, forcing time-controlled changeover. No messages will be lost.
55273	Y	2	LIMs rebooted with Module CMT_BFR.ASM Line 1602 Class 01c4 during network outage	LIM card can reboot causing loss of traffic.
55338		2	LIMs denied SCCP service and traffic lost after inhibiting one IMT bus	Happens when Average MSU usage is 80-90%; LIM cards may be temporarily denied SCCP service, and the delay in the availability of service may result in loss of traffic.

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
56010	Y	2	Telcordia - TFRs/TCRs are not sent when a danger of congestion situation arises.	Possibility of congestion when routing on a link-count restricted route. Adjacent nodes do not get informed of restricted status, so there is no attempt to re-route traffic until the PC goes fully restricted. To date, this problem has not been seen in the field.
56030		2	Telcordia - NCR: TCRs are not broadcast or sent in response after T11	Status of the cluster network is unknown.
59169		2	EAGLE TRANSMITS SLTM'S WITH ITUI PC TO ITUN24 DESTINATION	"When the Eagle has mix of ITU-N14 and ITU-N24 Links, the ITU-N SID can be only one: either N14 or N24. The other ITU-N True PC is provisioned as SPC (Secondary PC). The problem affects all Eagle-generated Network and SubSystem Management messages (TFx, TCx, RTx, ChangeOver MSUs), that Eagle generates to the ITU-N domain, which use SPC as True PC. The OPC in these MSUs will be wrong, so the destination node will not recognize them.
60438	Y	2	NI 11 mismatch	IPLIM M2PA links will not work correctly when attempting to use them for ITUN-Spare traffic/netmgmt using the NIS linkset option.
60470	Y	2	Threshold Alarm Needed for Failure Rate for Services (GFLEX, GPORT, LNP, etc)	This will alarm the customer that the Eagle is seeing failures for the services listed (G-FLEX, G-PORT, LNP, etc.).
60800		2	GWS CDPA screen not working for all point code types	This problem will not affect any existing point codes currently provisioned. The problem only affects screen rule tables for CgPA, CdPA, and AFTPC that contain a mix of spare and non-spare point codes.
60820		2	Pulling Ethernet "B" interface cable causes board to boot	When the card is active and the Ethernet cable is pulled, the card may receive an interrupt it can't handle and the card will boot in a short time.
60975		2	eiscopy for Sentinel shut down on 2 port LIMs at high traffic levels	During a high traffic scenario between .9 - .99 Erlang, a two-port card may start load shedding, which can put SCOPY and TRECK applications out of sync. As a result, when the card recovers from load shedding, Treck and SCOPY may not recover from the out-of-sync state and prevent Sentinel copy on the card unless it is booted. On Sentinel, a user will see the link status as UA.
61087		2	SLTM fails when ITUDUPPC feature is on.	This will make the ITU-N links with the Group Code bounce, which was not provisioned as TRUE, Secondary or Capability PC.
61167		2	PMTIC version incompatibility between 31.8 and 32.0	All LIM cards in the system would OBIT during upgrade.
61218		2	VSCCP cards booted 3rd time due to syslib.s line 3522	Occasionally, reload times for DSM cards is extended due to multiple reboots.

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
83682		2	MSU is discarded or misrouted when GTT crosses domain between ITUI and ITUN if the CDPA portion length changes	"If ANSI-ITU SCCP conversion is OFF and GTT/EGTT/MGTT is set up to translate messages from/to ITUI domain to/from ITUN domain, and GTT is set up to modify the CDPA portion of the message such that the length of SCCP portion is changing, then the messages could get discarded or mis-routed. Work around for this issue a - Change GTT data so that SCCP length is not modified as part of GTT provisioning. b - Enable ANSI-ITU SCCP Conversion Feature.
83870	Y	2	RTDB resync clear RTDB corrupt status	RTDB corrupt alarm "disappears" so the customer doesn't see that there is an issue.
88157	Y	2	TOS4V Medium Priority task Watchdog not working	When the Watchdog task is not working, cards do not automatically reboot.
88369		2	IPLIM boots when LINKINFO -A command issued	An IPLIM or IPLIMI card will become isolated (out of service) if the "linkinfo -a" PASS command is executed on its signaling link after the "assocrtt" PASS command is executed for the link's SCTP association. As a result of the card becoming isolated, all of the card's signaling links will go out of service and MSUs buffered on the card will be lost. The affected card will reload and return to in-service normal status.
88540	Y	2	Status command not refreshing secondary clock status on primary clock failure	Clock source does not fail over nor provide redundancy on a bits clock (primary to secondary).
89033		2	MCPM cards continually obit with Module sentry.c Line 375 Class 01c1	Upon a COLD restart of an MCPM, the MCPM will not return to service. This includes new install, upgraded hardware to support IP Security feature, and some software resets due to errors that may rarely cause a cold restart. Redundancy of MCPM will provide back-up should a single MCPM be cold started. However, loss of a single MCPM due to this fault eliminates the ability to recover from other MCPM failures through fail-over to an operable secondary MCPM. Under this degraded mode operation, any subsequent failure will likely result in some loss of measurement data.
90253		2	Association is dropped sporadically when uni-homed endpoint is connected to multi-homed endpoint	When a remote SCTP endpoint establishes an SCTP association with an IPLIMx or IPGWx card and advertises more than 1 network address (i.e., the remote SCTP endpoint is multi-homed), receipt of a duplicate SACK from the SCTP endpoint will result in the Eagle moving the traffic for the association to an alternate network regardless of the alternate network's reachability status. This can result in the SCTP association being lost in cases where the alternate network address advertised by the SCTP endpoint is not reachable by the IPLIMx/IPGWx card.
96341	Y	2	REL 34 MRC Feature is not fully backward compatible with M3UA IPGW	M3UA associations where the far end is sending the routing context other than "none" will not come in service.

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
40924		3	disp-mem:card=gplid-all sometimes sends msgs to wrong cards	
44933		3	Telcordia traffic not buffered correctly during a time controlled chnageover	
45401		3	EIS: Two port LIM card discard Sentinel MSU, when IMT is allowed after inhibiting.	
48409		3	2 port LIMs, MPLs, and TSMs boot when you pull both TDMs	
49786		3	inh-alm/unhb-alm command allowed on unprovisioned devices	
49965		3	Obit of Module PMTC_MGR.C Line 442 Class 0241 on a GLS card	
50606		3	Module TKS_SBFR.C Obit received on each SCCP card when a warm restart is initiated	
51684		3	DSMs obit with Module TSI_SBFR.C Line 1667 Class 01cf - Out of resourses, post mortum.L3	
51815	Y	3	DSM card trouble of BIP_HCAP.C line 493 class 01bb when the active masp is booted via command	None, there is no system impact.
52930		3	FTPXFER Pass command with no spaces boots OAM	
54464		3	Failed MII Test cases	
55828		3	init-card:serial=yes:appl=vsccp gives wrong card count when some cards in group are inhibited	
55836		3	TCOC too slow processing T2 timers in large system	
55978		3	APPLSOCK/ASSOCIATION and AS STATUS REPORT is displayed prior to Maintenance Baseline being established	
55993		3	Telcordia - Link Removed from Service when COO Received During Time Controlled Changeover Procedure/CBDs sent before uninhibit procedure completed	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
56028		3	Telcordia - AMR: TRAs received on alternate routes are not discarded	
56032		3	Telcordia - TCRs are broadcast immediately instead of after the expiration of T11 when an associated member route also become	
56081		3	MSUCOUNT rcv discard buffer is corrupted	
56485		3	Telcordia - SBR sent to prohibited next preferred node.	
56948		3	RTRV-TRM on telnet trm with dural=999999	
57241	Y	3	Cold booted MCP card fails to crossload from primary	The secondary MCP never goes in-service, leaving the measurements subsystem in degraded mode. If this problem occurs, a workaround is to reboot the secondary MCP. Chances are very good that it will reload.
57294		3	Output during linkset conversion is misleading	
57479		3	Point code output format defect in rtrv-cspc	
57614		3	EDCM card is incorrectly reported as a DCM card with 32Mega of DBD memory	
57762	Y	3	Eagle IP Telnet feature does not initially work if IPSM card installed in slot 1201	Customer is unable to use IP Telnet feature to connect to Eagle STP. This only occurs if one and only one IPS card is in the system, and it is in slot 1201. The workaround is to perform delete-card and add-card, which repairs the error.
57804		3	Traceroute command does not terminate properly	
57923		3	chg-ls:matelsn parmater allows itun 14-bit and 24-bit ls to be mated	
57927		3	t_mb_link_states structure definition is machine dependent	
58153		3	HMUX may be left running on incorrect FPGA program version	
58239		3	ENT-APPL-RTKEY no longer updates rtkey num_assoc statistic	
58395		3	ENT-ASP allows you to specify appl-socks as the aname	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
58398		3	Inconsistent messages when trying to format fixed disk	
58400		3	IPS card double-boots with ssh_cfg.c during cold boot	
58553		3	Incorrect Error msg when attempting to delete sockets/assocs	
58558		3	EGMS UIMs need to include DPC for MMS (31.7)	
59006		3	Channel Card associations for LIME1 master cards not recognized on MIM ports greater than A1	
59044		3	SCCP_CHECK_FOR_SEQUENCE_TRAFFIC macro returns invalid UDTs reason for ATM/IP7 LIM cards	
59208		3	Distribution of traffic over combined linksets not always correct	
59436	Y	3	MCPM cards rebooting with vxcompat.c	None (after the SFTP server data is properly provisioned in the sshd configuration file).
59446		3	G-PORT should support 21 Digit Decode Limit on TCAP MSISDN	
59561	Y	3	UAM 443 - RTDB DB Corruption on DSM Currently Minor - Should be a "Major" UAM	The minor alarm could potentially be masked by another minor alarm if there happens to be another higher priority alarm on the specific DSM card.
59660		3	serial=yes option does not work for init-card command	
59875	Y	3	Customer receives invalid error message when associating DPC cluster to SPC	Customer attempts to perform some provisioning work and then spends time trying to figure out why the command is not accepted by the Eagle.
59880	Y	3	Gateway screening command rtrv-scr-opc not producing correct error messages	Customer cannot accurately retrieve the data they would like to see and does not have confidence that the data being displayed is absolutely correct and accurate.
59923		3	No dstn alarms for non-adj pc when connection is closed for IPGWI linkset w/ private spare apc/sapc	
59924		3	MRN 1044 SCCP did not route - DPC OOS for gtt to private spare IPC	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
59983		3	Telcordia - SLS values are redistributed following rerouting	
59988		3	WNP Query using NULL_PTR during query processing	
60036	Y	3	MSULOST4 Peg Counter Stuck, Reporting Erroneous Data.	When pulling the SYSTOT measurement, the MSULOST4 peg counter displays incorrect information. Inaccurate measurements from IPGW cards - system totals.
60038		3	Resp.method SNMs b'cast to all conns in UA RK on IPGWx	
60053		3	HMUX Shelf LED Doesn't Indicate Address Mis-match	
60058	Y	3	SLAN Data Link cycling blocks DDL - new cards remain at DDL Hunt State	Customer is unable to bring newly provisioned cards into fully IS-NR state. Card remains at state DDL Hunt.
60220	Y	3	Timestamp jumps 4+ seconds back in time. Eagle generates flood of NTP_UTL logs.	Logging system generates a flood of NTP_UTL.C severity one logs. Timestamp in Eagle is actually changed. This may cause discrepancies in downstream processing of eroute MSU data.
60238	Y	3	GWS - UIM generated with DFLTACT=route	No any impact on the System functionality.
60264	Y	3	HC-MIM Unprovision slot 1212 showing incorrect information	If Persistent Device States (PDS) feature is turned on and a card or link is deprovisioned (deleted) the PDS table is not properly updated. On an OAM boot, the DCB of the deleted entity will be initialized to the OOS-MT DSBLD state (even though the entity is not provisioned). Service is not affected but misleading information is output for the rept-stat-card and rept-stat-slk commands. The only way to clear the information is to disable PDS. Any saved PDS information will be lost, the customer will need to reenble PDS and reenter the states that need to be saved.
60358	Y	3	ent-ip-node command rejects valid IP address. Does not allow zero for any octet.	Customer is incorrectly denied the use of a valid IP address assigned to them by their IT department.
60402	Y	3	IP Connection Unavailable Seen on DSMs 3 Sites, But the DSM is Taking Updates	It is reporting a false alarm and it appears the only way to clear the alarm is to switch activity.
60435		3	T-Com Level 3 test 2.3 - Invalid SLTM	
60441		3	MCPM Report Transfer fails with error code 0	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
60538	Y	3	cmd class feat allows login to be run multiple times on logged in terminal	With the login command in a defined command class, the login command is able to be run multiple times successfully, on a terminal that a user is already logged in on, using different user ids without receiving the message that a user is already logged in. No matter if the login is successful, the STP changes the user id to the last id used in the login command.
60539	Y	3	inh/alw-trm performed while a userid with cmd class feature allows terminal to maintain userid privileges	A terminal that has been inhibited and allowed while a user with command class management is logged in allows the terminal to maintain that user id privileges without the user being logged in.
60558		3	Incorrect serial number reported for card after H/W swap	
60574		3	Upgrade doesn't activate all links on cards if one card fails to return to IS-NR	
60647		3	Re-building BPHMUX can result in wrong GPL version being reported	
60651		3	Upgrade fails when using the "disk=remove" parameter	
60663	Y	3	UIM 1032 - ETS Mismatch Seen on MPL - E5IS is Set to OFF	In this case, the ATH obit is stating the card in question is getting lost in the code, and the card boots.
60677	Y	3	1115 MODULE BITS2.C LINE 882 CLASS 01B2 SEVERITY 1	None, other than an alarm that comes across the screen.
60694	Y	3	After fixing IMT problem, STP reports 100s of DPCs as restricted, then clear	Customer's STP is constantly flooded with DPC restricted alarm logs followed by DPC available alarm logs.
60731		3	ENT/CHG-DSTN needs to be restricted for ITU spare	
60817	Y	3	TR005285 FTRA .csv file format documentation errors and deficiencies	Customer had their tools ready to go, expecting 11 data elements in the CSV file for the CARD table, which is not always the case. This resulted in their tools not always working and they had to rewrite based on what was actually being generated.
60843		3	return ASP Failure message w/wo ASPID	
60951	Y	3	ftra rtrv-gtt .csv file missing data. TT-11 present for one site but missing for another site.	Customer is not receiving complete CSV files with all Eagle provisioning data.
61021		3	Problem in Upgrade backout from ENG 55 to ENG 53	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
61121	Y	3	0402 - Alarm cleared by deleting route - Is the DPC Actually Deleted From Eagle	The wording in the alarm description indicates that the route was deleted from the database when it was not deleted. This could cause confusion for the customer.
61154	Y	3	Eagle/EOAP data checksum mismatch	Erroneous system alarm "Data checksum mismatch" is reported on the Eagle.
61209		3	When ELAP RTDB is different birthdate than VSCCP cards, pvdvmsg.c line 3510 comes out a lot	
61714	Y	3	Eagle should raise an alarm if STC IP port has no IP address/not functioning	Customer has no indication that there is a problem on the Eagle system.
74369	Y	3	Link Available Time is Incorrect(More than 86400 sec/day and 1800 sec/30 min)	Due to the wrong value of total time, customer is not able generate their performance reports causing trouble to them. Customer's Measurements Reports are showing an invalid Link Availability. It should not be over 1800 seconds for a 30-minute period or over 86,400 seconds for a whole day period.
74589		3	IPGWx not handling ECO on init-card initiated changeover	
74747	Y	3	The Overlap Control between range entries does not work correctly	When any entry in a range that already exists is entered, no error message is generated that would explain the cause of the problem.
74890	Y	3	RTRV-LNP-TNRPT is no longer valid with ELAP Feature, EAGLE does not error out.	The customer will need to obtain the data via the ELAP GUI rather than the EAGLE command line interface.
74893	Y	3	LS table had incorrect values for the nis & asl8 fields caused links to bounce	IPLIM and LSL links bounce.
83764	Y	3	Wrong number of cards listed with a disp-mem	When the customer applied the TFC patch for ITU National and International networks, it is only applied to 64 of the MIM cards. If the customer has more than 64 MIM cards then the patch needs to be applied one card at a time.
88566	Y	3	MPCM reporting trouble Module tc_mgr.c	Customer receives several logs with troubles about once a month from the MPCM card. There is no performance impact.
88627	Y	3	Eagle does not respond correctly to OAP msg length > 256 chars.	Customer can not send SEAS test messages greater than 256 bytes.
88794	Y	3	Link issue/link recovery after a failure	If the customer has many long haul links with extended round trip times, the round trip time can cause the link to fail itself before it can align. These links will remain down until manually reset.
89465	Y	3	dactivating links produces MRPG_UTL.C Line 1152 Class 0001 Severity 1	Unexplainable error concerns customer.

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
89587	Y	3	circular route detect prohibits an adjacent node	If a customer encounters an L2 loopback on an active A or E linkset, the adjacent node may be placed in circular route detection and would have to be manually reset by rst-dstn. When this happens the STP will not route SCCP messages via the alternate path (C-link). This applies only to ANSI nodes.
89702	Y	3	All DSMs cycling RTDB DB inconsistent/corrected	DSM cards cycle between alarms "RTDB database is inconsistent" and "RTDB database has been corrected". Cards also are generating many severity one software errors (MPSA_AUD.C, Line 553, Class 01C3). DSMs must be cold-reloaded to clear condition. Problem is incorrectly reported (inconsistent vs. Corrupted or Incoherent).
90252		3	Failed SCTP association doesn't raise an alarm	
35484		5	5-8 bit SLS conversion does not use all portid bits	
36191		5	ENHANCEMENT FOR CARD-LEVEL DYNAMIC DB AUDIT	
36553		5	Potential for sysbfr leak in itx_mgr.c	
37124		5	TELCORDIA- NM OVERLOAD THRESHOLD SAME FOR MPL & LI	
37130		5	TELCORDIA- TOTAL NM OVERLOAD THRESHOLD IS ONLY 150	
37545		5	Dynamic Database Inconsistent after INIT-SYS	
42091		5	MCP - Need transition progress indicator	
44784		5	Rept-stat-card:mode=full, TVG denied indication needs to be changed.	
47664		5	Propagate the shared memory structure change for low speed clock to TOS libraries	
47910		5	Eagle Support for FTRA CSVGen Upgrade from TDM	
47919		5	*High-Speed IMT Packet Router	
47920		5	*High-Capacity Multi-Channel Interface Module (HC-MIM)	
48357		5	Sparse Link Table Support	
48359		5	* Base HC-MIM support	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
48360		5	* Multiple LFS	
48361		5	* 64 Link HC-MIM support	
48526		5	TVG Errors displayed on the console doesn't tell the error type	
49725		5	INIT-FLASH will not update mutiple FLASH GPLS of HC blade via one command	
49931		5	* GSM MAP Screening Enhancements	
50292		5	*SE-HSL (aka E1 Clear Channel, aka Unchannelized E1)	
51168		5	Revise/enhance HMUX shelf ID capture function	
51217		5	* IPGWx TPS CONTROL	
51218		5	* Increase System-Wide IPGWx TPS	
51219		5	* INCREASE SYSTEM-WIDE IP SIGNALING CONNECTIONS	
52007		5	Remove hmutexabus, hmutexbbus, hmuxtvgr from stpopts table	
52527		5	* Large Card Performance work for HC-MIM	
53034		5	Measurements Platform IP Security	
53461		5	GPSM needs to boot off disk partition 2	
53819		5	Ability to start WindView via SEND-MSG interface for DCM class cards	
54324		5	RTDB need protection from corrupted download transmissions	
54459		5	Time stamps for rept-stat-trbl	
54602		5	* 192 Million LNP numbers	
54711		5	tk_sbr.c Line 1319 trouble data is not helpful	
54742		5	INIT-NETWORK needs warm restart support	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
54962		5	Enhance "IP Connection Unavailable" alarm/message	
55048		5	* EPAP Command Response Enhancement	
55558		5	Collect post mortem info for obit within TOS function md_put_bfr_on_imt_que	
55596		5	MTOS_TIM TROUBLE NEEDS USEFUL DATA	
55598		5	Add per-server peg for MAP Screening Force Pass	
55753		5	REMOTE TABLE COPY SHOULD USE DP BFRS ONLY	
55861		5	Enhancement to trouble at BUS_MGR.C, line 645	
56207		5	EROUTE should notify OAM when NTP updates from the network are not being received	
56208		5	Change how OAM selects EROUTE to broadcast NTP Time Updates	
56232		5	Channel bridging for last port pair failure.	
56323		5	Add 30 min interval for OCTRETRN peg	
56854		5	Back out PR 47667 to recover CPU performance on EROUTE GPL	
56855		5	Back out PR 50169 to recover CPU performance on EBDADCM GPL	
57635		5	Have TSI_SBFR "out of resouces" obits show last buffer headers instead of text.	
57740		5	Dump Post-Mortem data to HMUX before OBIT	
58377		5	Dump more trouble data when multicast control structure is detected invalid	
58392		5	* Support Multiple Routing Contexts per ASP/Association	
58497		5	Option for Turning on Class 1 Sequencing	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
58778		5	Redirecting SRI ACK on behalf of softswitch for IS-41 to GSM Migration	
58880		5	IP Security Enhancement for Putty Terminals	
59112		5	Have the initial bus for TVG based on slot location	
59331		5	Terminal disconnection does not cause FTP abort.	
59812		5	Make core clock speed a field-updatable parameter in IXPBOOT	
60051		5	INIT-NETWORK needs to support all current card types	
60215		5	Remove processing of safetied HSUs from the standard IMT stack behavior	
60391		5	Enable building of multiple IXPBOOT images	
60436		5	T-Com Level 3 test 8.3 - Reception of a UPU	
60509		5	Display useful data for DMS invalid entry size request	
60542	Y	5	Ethernet Seeq device locks up in reset	The conditions needed to create the Seeq device to lock up is a very noisy Ethernet hub (1/2 duplex) environment (CRC errors, collisions, etc.). When this condition occurs, it may cause the DSM boards to reboot. The best work around is to have a clear Ethernet environment or to change the Ethernet environment to full duplex.
60638		5	Configurable Alarm Enhancements for LNP	
60650		5	TDM-GTI bit file causes nuisance clock failures on TDM-10	
60867		5	* Increase the SSED CM STPLAN card capacity	
60925		5	Option to Turn Off Eagle's TFC Handling	
60986		5	Update Validation	
61318		5	DigitAction Expansion	
61379		5	ATH_IMT_SHDN in TOSIMT should report location/size of post-mortem information collected.	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
61424		5	GPSM-II Rebooting with Class 0411 obit	
61724		5	Incorrect UIM Output on LNPMR When Route Does Not Exist	
74352		5	Module SUM_MGR.C Line 664 Class 0074 Severity 1	
74353		5	Module hem_mgr.c Line 348 Class 01c3 Severity 1	
74622		5	Seeq device counts runts as dribbles	
74638		5	Implement a send-msg interface to gather post-mortem information off of VxWorks card	
74872		5	HMUX/HIPR: Clear shelf ID alarm if condition returns to normal	
82311		5	*CSVGEN/FTRA support for Eagle 34.0 and HC-MIM	
83664		5	Remove use of deprecated VxWorks API	
84082		5	Increase CSPC link support per group	
88391		5	Enhance TOS4V/TOS4VB ATH_386A.ASM obit to display correct exception vector	
88399		5	National/International bit not set accordingly during SCCP conversion	
88400		5	Length check catches extra byte in SCCP message	
88473	Y	5	LSN not being displayed on output log with DPC prohibited alarm	The system currently utilizes the DPC prohibited with the LSN to verify the status of the DPC whether it is adjacent or local. The customer's network had an adjacent SSP that was isolated and they were not notified by their Alarming system (NMA) because the LSN value was missing in the log that was sent to NMA. The script on the NMA system compares LSN and DPC before creating a ticket to notify the customer of an issue. The script will not create a ticket if the LSN is not there.
88641		5	VSCCP: Improve RMTP download performance	
88922		5	MCP Fast Transition	
89478		5	UIM for VSCCP Increase of BTree Search Depth	

Table RN-13. EAGLE 5 SAS 34.0.0 Resolved PRs - Build 55.52.1 - 10/31/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
89800		5	VSCCP: MPS Multiple Write Interface	
90105		5	TKS_DP double-relist obit needs more data	
90248		5	Rept-stat-trbl should be an abortable command	
96339		5	Install trace mechanisms into selected IMT code paths	
96442		5	Enhance sum_mgr trouble to display L1 headers	

Table RN-14. ELAP 5.0.3 Resolved PRs - Build 55.21.0 - 1/18/06

PR #	CSR?	Sev	Title	Customer Impact
104988	Y	2	UIM1308-Updates inhibited: Target-Cell CRC Fail- ALL DSMs	The Eagle stops accepting ELAP LNP updates. DSMs must be cold started to resume updates.
61151		3	ELAP upgrade completes with "EPAP_RELEASE" is set to "3.5.0"	
103795		3	DBTS May Be Affected Negatively by Daylight Savings Changes	
105091	Y	3	T1100 ELAP reporting RTDB tree error	Customer will receive RTDB tree error on ELAP until a bulkload is performed.

Table RN-15. ELAP 5.0.2 Resolved PRs - Build 55.20.0 - 11/21/05

PR #	CSR?	Sev	Title	Customer Impact
96634		2	Bulk Download is running slow - 2M per hour (w/ 70 ms latency)	The bulkload from the LSMS to ELAP will take longer than specified in the FRS requirements.
103232		2	Range audit did not meet performance requirements	Audits to the ELAP will take longer than specified in the FRS requirements.
103830		3	JRS EBDA max length changes required to support LSMS	

Table RN-16. ELAP 5.0.1 Resolved PRs - Build 55.17.0 - 11/14/05

PR #	CSR?	Sev	Title	Customer Impact
103630	Y	2	T1100 ELAP application fails short sync repeatedly	Several hour delay in receiving LNP updates at the Eagle

Table RN-17. ELAP 5.0.0 Resolved PRs - Build 55.16.0 - 10/25/05

PR #	CSR?	Sev	Title	Customer Impact
89936		2	Cannot exchange SSH keys through the GUI with a non-mate remote ELAP	Unable to perform RTDB copy from non-mated ELAP without Technical Services assistance to manually copy the RTDB.
51763	Y	3	/usr/db filesystem full - /usr/db/mysql binary logs	If the /usr/db directory becomes full, no association to the LSMS or GUI access is allowed. The directory must be manually pruned by Tekelec.
54433	Y	3	The Local Provisioning Menu /Subscription/Retrieve screen default LSMS TT	Minimal, inconsistency may lead to confusion.
54673	Y	3	npdb.tar file filled /export/home partition & mysql not running on mate .	Temporary delay in LNP provisioning from the LSMS until issue is resolved.
59538	Y	3	When GUI expires, login button uses locally significant addr, not NAT	When accessing the ELAP via NAT'ed address and the session terminated due to time out, the Login button will use the locally significant IP address instead of the NAT'ed address.
60034	Y	3	RTDB->rtrv_subscriptions optional parameter may cause unexpected results	Results for single TN query may display next TN in database.
61169		3	rtdb.log fills up with RTDBConnection: received unknown command	
88347	Y	3	ELAP GUI user password only significant to 8 characters	Only the first 8 characters of a password are used which could compromise password complexity.
89762		3	ELAP Software Stopped is displayed before the software is really stopped	
89915		3	rtdbdiag: Max acceptable depth checking incorrect for TNs	
90300		3	Manually killing the JRS process causes a maint core file	

Table RN-17. ELAP 5.0.0 Resolved PRs - Build 55.16.0 - 10/25/05 (Continued)

PR #	CSR?	Sev	Title	Customer Impact
90446		3	JRS process cored when the software was stopped	
54602		5	* 192 Million LNP numbers	
88641		5	VSCCP: Improve RMTP download performance	
89803		5	RTDB Conversion for LNP 192M	

Known PRs

Table RN-18 on page RN-34 lists known PRs for EAGLE 5 SAS 34.0.10.

Table RN-19 on page RN-51 lists known PRs for ELAP 5.0.3.

Table RN-20 on page RN-54 lists known PRs for ECAP 1.0.0.

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

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
53952	2	Y	Resolved	Defer	GPMS-II Obits during weekend traffic run: TKS_MM.C	If provisioning is in progress when Active OAM boots, DB diff condition could result.
59779	2		Resolved	Defer	CHANGEBACKS ON ATM HSL'S RESULT IN TRAFFIC LOSS	A combination of high traffic rates and T6 can cause message loss during controlled reroute.
60616	2		Resolved	No-Fix	Card 2118 Module TS4_ISR.C Line 286 Class 6004	If over a period of time (around 2 days) TCP acks are delayed continuously then TRECK will start leaking memory resulting in TRECK fatal error that MAY result in booting the card. This problem would be seen if a craftsperson runs an INH/ALW IMT script continuously over a period of time (1-2 days).
93320	2		Resolved	Defer	PMTC_MGR.C Line 406 Obit during IMT inhibit/allow on large station	The event is relatively rare, but the possibility exists that in a heavily loaded system, when an IMT bus is taken out of service and a surge of network management messages occurs, one or more cards could lose connectivity to the IMT bus for a sufficiently long period that would cause the card to boot itself to recover connectivity. This has never been seen in the field.
104805	2		Resolved	Defer	TVG failure	If one IMT Bus goes down, TVG traffic may be lost intermittently. This may include SCCP, SLAN, SNM, and EROUTE traffic.
47089	3		Resolved	Defer	IPLIM cards boot when trying to activate slks with 30K running	There should not be an impact to the customer because this scenario is unlikely to occur in a live environment since SS7 nodes originating the traffic (per SS7 procedures) should cease or re-direct traffic until SS7 congestion abatement procedures determine that the traffic can be resumed.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
50769	3		Resolved	Defer	RTRV-RTE command displays ITU-N PCs wrong	The RTRV-RTE command displays ITU-N PCN point codes under the DPCI column. It should be listed under the DPCN column.
50960	3		Resolved	Defer	Telnet Terminal Timeout Doesn't Match KSR Timeout	Telnet terminal timeout behaves differently than that of KSR. If a Telnet terminal command times-out and a new command is entered, the new command is appended to the one that timed-out. Also, as a command times-out and the enter key is pressed, the command that timed-out will be executed without being displayed.
51135	3		Resolved	No-Fix	List of ExAP Application Alarms & Information Alerts Needs Updating	Customer will not have complete and revised text of alarm codes for 30.0. Some alarm text has been reworded and may need further clarification in the customer documentation.
51533	3		Resolved	Defer	Apparent duplicate DPC restricted UAM on chg-rte	Using the chg-rte command to change the DPC state from unknown to restricted causes the DPC restricted UAM. This change prompts the re-evaluation of the DPC & SSN status, and the DPC restricted UAM is printed a second time (still the most important alarm condition), but the SSN allowed status is not printed on the 3rd line of the 2nd DPC UAM as it should. In this case the SSN status did not change, so no information is misleading. Rept-stat-rte:mode=full can be used to determine SSN state if in question upon double UAMs for a DPC.
52028	3		Resolved	No-Fix	Not running approved gpl" UAM cleared too soon on MUX cards	The GPL alarms on HMUX cards would not be present if a user were to forget to issue the init-mux after an init-flash operation.
52992	3		Resolved	Defer	Module Error & Disconnect after SSH connection from UNIX client	Unix client, SSH connection might drop. A simple reconnect will fix the problem.
53161	3		Resolved	Defer	IPS cards keep regenerating the same SSH Host Keys	Every time an IPSM card is re-seated (w/the SSH feature on) it is supposed to generate a unique host key. It has been observed that in some instances the same key has been re-generated. No system impact.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
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 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 the Eagle attempts this connection. As long as the IPS card is not reinitialized, or the server is not being spoofed, the risk is not an issue.
53469	3		Resolved	No-Fix	Standby MASP reports incorrect GPL version while IS-ANR	None. when the GPSM-II card is booting and the card is loading it displays the GPL of 255-255-255. Once the card fully loads, the correct GPL is displayed.
53915	3		Resolved	Defer	IP Terminals missing 30 minute chunks of output on large station with lots of output	Under extreme testing conditions where large system with all output groups set to same IP terminal will cause output data loss.
54268	3		Resolved	Defer	Loading Mode Support needs to be updated to support TVG	For ESM cards only: No impact as long as SCCP cards are in service and there is at least one SCCP card for 16 LIM cards. This problem has never been reported in the field.
55224	3		Resolved	Defer	meau.c ATH during EOAM to MCP transition	Initial failure to read data measurement table - either for SEAS AM report or for normally scheduled UI terminal reports. Data may be retrieved subsequently by retrying via rept-meas command or a retry from SEAS.
55292	3		Resolved	No-Fix	MCP cross load on upgrade may fail to convert to latest version	Possible data corruption of some meas data tables following an upgrade. For the problem to occur, the upgrade of the secondary
55330	3		Resolved	Defer	SCCP cards obits if init'd during chg-db:action=repair	If the operator tries to init any SCCP cards while attempting a db repair or restore, these cards will remain out of service until the db command has completed.
55589	3		Resolved	Defer	MeasPlat: NM-STP, SYSTOT-STP, SYSTOT-STPLAN reports show 'I' with 'K' complete reports for MTCD-STP/STPLAN	Customer may be lead to believe all intervals in the day were complete, when further inspection into systot/comp reports show incomplete intervals.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
55702	3		Resolved	Defer	ITU_I, 14 Bit ITU_N , & 24 Bit ITU_N (with & w/out Group Code) EGTT GTTSEL Selectors should not overlap	The current GTTSEL selector combinations supported by the Eagle (GTIx, NP(v), NAI(v), TT) overlap between the different ITU Point Code Formats currently supported on the Eagle. This limits the current implementation such that if ITU_I GTII=4 is used for a specific TT, that TT is not available in the selector combination for 14 or 24 Bit ITU_N and visa versa.
55932	3		Resolved	Defer	Troubles are being output by the MCP primary card of "Module mrs_mgr.cpp Line 1334 Class 0001 Severity 1	"No customer impact. All measure pegs are being written to the measurement server properly.
56043	3		Resolved	Defer	MTCD-SERV file contains 3 extra entries on the 'secondary MCP' after a full upgrade	Following MCP upgrade and role-change, historic MAP per-server files may have erroneous extra entries at end of file. The entries are obviously invalid and beyond the normally reported entry-count.
56048	3	Y	Resolved	Defer	rtrv-gtt with GTA and EGTA parameter is not showing all entries	Customer is not able to a rtrv-gtt:type=10:gta=xxxxxxxx:egta=yyyyyyyyy and get all data in the range.
56305	3		Resolved	Defer	End Office: Route status is incorrectly generated when rmt-appl is provisioned	"For End-Office mode, the route status of an IPC in the Eagle may be incorrect if either of the following two provisioning scenarios occur: 1) If the RMT-APPL table is provisioned with the IPC AFTER a SS7-IP routing key is provisioned with the Eagle's TSPC. 2) the IPC is removed RMT-APPL table while the Eagle's TSPC is still in a SS7-IP routing key. If this occurs, in order to correct the route status, the provisioning of the RMT-APPL table and SS7-IP routing key table must be provisioned correctly and then the IPGWx card(s) must be re-loaded.
56487	3		Resolved	Defer	Eagle UIM 1022 assigned to wrong output group	UIM 1022 "System Meas. limit exceeded for LSONISMT" is incorrectly assigned to the GTT output group. The only impact is that the system will only output this UIM if the GTT output group is turned on.
56593	3		Resolved	Defer	Duplicate Preventive TFPs sent during transition from Normal-Restricted to Allowed	Far end receives additional TFPs for Point Codes, in order to prevent circular routing. In most cases, the preventive TFPs had already been sent.
56653	3		Resolved	Defer	Check if MUX card type exists in IMT hourly report	Text in the IMT hourly report is misleading if HMUX or HIPR cards are in the system. No impact on the functionality of the Eagle.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
56910	3		Resolved	Defer	CANC-CMD on telnet fails with command recall	When trying to cancel a command using the up arrow to recall "canc-cmd" out of the command history, the user will get "System busy" instead of actually being able to cancel the command. If the user actually types "canc-cmd" using the keyboard, this never happens.
56995	3		Resolved	Defer	DMS_PREP.c Sev 1 ATH during a DB backup	No functional impact. DMS operation was attempted but retried successfully. ATH error was generated.
57541	3		Resolved	Defer	Auto Inhibit alarm missing on card	The auto-inhibited alarm for the card is removed, but the secondary state of the card remains MEA. A boot of the active OAM will cause the alarm to re-fresh. Also, it should be correctable by initing the card as well.
57586	3		Resolved	Defer	User auto logged out double message	None. Message gets printed twice in a row, instead of just once.
57819	3		Resolved	Defer	SFTP password error yields Severity 1 message	None. System functions normally, and ATH is expected. Although customer may become alarmed at the ATH.
57831	3		Resolved	Defer	Coherent DSMs periodically report status of inconsistent when other DSMs are loading	An indication through rept-stat-sccp showing cards are DB-DIFF may alarm some customers. This is a transient alarm and will go away when the high rate of provisioning is slowed or stopped and the DSMs catch up.
57842	3		Resolved	Defer	SS7IPGW Does not support MSG type LUDT.	SCCP MSUs with msg type of LUDT/LUDTS will not be transmitted by the IPGWx GPL, but rather will be discarded with a peg in the "msucount" pass command. This is no change from previous releases. SCCP MSUs transmitted by the IPGWx GPLs have always discarded LUDT/LUDTS messages since IP7 1.0, where only the TALI SCCP opcode was available.
57933	3		Resolved	No-Fix	HCMIM LIN message causes the link to go down with "excessive acknowledge delay".	If a customer induces a link inhibit procedure on a Eagle's SS7 link that is carrying some traffic and L3's T1 is greater than L2's T7, then the link may fail due to "excessive acknowledge delay".
58064	3		Resolved	Defer	Inconsistent handling of UIMs between IPGWx and other GPLs	UIM is not generated by SS7IPGW/IPGWI card when received SCCP message is discarded. Only MSUCOUNT peg is incremented.
58065	3		Resolved	Defer	Unable to display EOAM measurements in Rel 31.6	Loss of measurement due to bad Real-Time-Clock date.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
58155	3		Resolved	Defer	OAM Meas LRN report missing one entry	The report should have shown exactly 100K entries, instead it showed 99,999 LRN entries. It seems to be missing one LRN.
58185	3		Resolved	Defer	received SIH_MGR.C Line 947 Class 01b2 ATH on active EOAM	The effect from this ATH Sev 1 message is very minor. The ATH is indicating that it received the second half of a two part UIM, without the first half being present. All around this ATH Sev 1 showed that the "TRBL Queue is full:elements overwritten". If anything, the ATH debug information gives more information about the 'overwritten' UIM, than just reporting the trbl queue full, and elements overwritten. So the ATH is reporting a situation where the first half of this particular UIM was over-written.
58186	3		Resolved	Defer	TSI_SBFR.C obit on LIME1ATM in congestion	"The card was overwhelmed by traffic due to a specific configuration: 1) SCCP was down, with 14000 GTT messages arriving / second. 2) There was no alternate route back to the OPC of the GTT messages, so UPU responses could not be carried back to the originator. 3) The originator ignored the UPU responses. 4) The card that booted was the first link in the linkset available. It was receiving approximately 14000 MSU/s. 5) This test was run repeatedly in an overnight run, and the boot occurred one time.
58209	3		Resolved	Defer	after init-card:appl=vscpp on 25 cards, 2 SCM_IMT.C ath occurs on active EOAM	When a flash based card boots it may report its IMT GPL as IMT_GPL_INVALID_IMT because it has not yet determined its board type.
58228	3		Resolved	Defer	HC-MIM VxWorks Kernel reboot failure	This problem has not been observed in the HC-MIM even though it is known to possibly exist. If the problem exists and reveals itself, the card will now generate an obit when the watchdog timer pops, making it obvious that the card has booted.
58237	3		Resolved	No-Fix	IPGWx Linkset enters congestion upon init-card initiated changeover	When an init-card command is entered on a IPGWx Linkset with maximum traffic occurring (2000), the in-service card will enter congestion for about 1 second and then will clear. Link/connection failures do not cause this condition. Note that this PR only pertains to mated IPGWx linksets (2 single-link linksets with equal cost routes).

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
58454	3		Resolved	Defer	CHG-TRM:ALL=YES, DBG output group behaviour	This PR would cause additional Debug Information to be displayed on Screen.
58626	3		Resolved	No-Fix	CHG-GPL command does not copy EOAM to inactive partition group	Minimal since this problem would only occur if 3 conditions exist: 1. The customer issued a chg-gpl for the EOAM. 2. The MO cartridge is removed following a chg-gpl of the EOAM GPL. 3. The TDMs are running off of the second partition group. Collectively, the possibility of this happening in the field is minimal. The work around is to replace the MO cartridge and boot the OAMs or copy the EOAM GPL to the inactive partition group using copy-tbl.
58732	3		Resolved	Defer	MCP function mprg_lnp_print_entity_meas problem	Customer must ensure that if LNP measurements are in use that an SSP point code does not exceed 11 digits. Otherwise this could overrun the string and possibly corrupt memory.
58847	3		Resolved	Defer	Sentinel Monitoring Alarms not fully implemented	Eagle will not generate alarm notification when MSU Copy to Sentinel is deactivated on a link due to congestion.
58973	3	Y	Resolved	Defer	Customer has errors with MMI port when entering long commands	Customer cannot use recall hot keys to retrieve last command, without confusion, if previous command was over one line.
59332	3		Resolved	Defer	AUD-DATA:DISPLAY=ALL OUTPUT TRUNCATED	PARTIAL COMMAND OUTPUT FOR AUD-DATA COMMAND. USER MAY NOT GET SPECIFIC INFORMATION AS TO SUBSET OR GPL STATUS. THE OVERALL STATUS OF DB IS REPORTED ELSEWHERE VIA ALARM OR REPT-STAT-DB. GPL STATUS IS ALSO AVAILABLE VIA RTRV-GPL.
59512	3		Resolved	Defer	Incorrect MTT Error generated for GSMOPTs parameters if G-PORT is off	When a customer tries to provision the GSMOPTs DEFMCC, DEFMNC, EIRGRSP, EIRRSPTYPE, EIRIMSICHK, SRFADDR, SRFNAI, SRFNP, MSRNDIG, MSRNNAI, & MSRNNP, or DEFMAPVR parameters, UAM E4191 is erroneously generated rather than UAM E3991.
59679	3		Resolved	No-Fix	Eagle sending different LSSU length than what was received	This is working as designed. The length of all LSSUs will return to 2 bytes when the link returns to the OOS state. There will be no system impact for the Protocol will handle this properly and allow the link to align.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
59709	3	Y	Resolved	Defer	Cluster is ALMINH, however, UAM's continue to generate for cluster members	Any members belonging to the cluster supposedly with the ALMINH status are still reporting UAMs.
59728	3		Resolved	Defer	Possible Missing Measurements on GTT discard	The Eagle does not peg the number of MSUs discarded after successfully passing SCCP GTT due to destination route congestion. This peg count may need to be added.
59867	3		Resolved	Defer	tfatcabmlq default may be incorrect for C linksets	A customer would have to have at least 4 links in a C linkset to note that the tfatcabmlq value was not defaulted to 1 as stated in prior documentation. It would be necessary to have 3 links fail in that linkset to observe the affect on TFAs/TFcs. The issue seems to have no known customer impact. To date, no CSR has been opened and the default has always been incorrectly stated.
60007	3		Resolved	Defer	multiple card download failure if some cards not aligned on both imt bus	While processing the download to multiple cards (one of which is not aligned on the B bus), cards may timeout and need to be downloaded again. All cards will eventually be successfully downloaded.
60217	3		Resolved	No-Fix	RTRV-GPL during upgrade prints inaccurate data	None.
60593	3		Resolved	Defer	ent-assoc:port=a without port provisioned causes Sev 1	The Sev 1 comes out if the port option is used in the ent-assoc command and the port has not been provisioned.
60913	3		Resolved	Defer	REPT-STAT-DB:DISPLAY=ALL report of database status is wrong	REPT-STAT-DB:DISPLAY=ALL reported the database status as corrupt then OK. Problem has not been re-created.
61011	3		Resolved	Defer	CPU stats shows wrong % for TX Intr and RX Intr	No impact.
61011	3		Resolved	Defer	CPU stats shows wrong % for TX Intr and RX Intr	No impact.
61038	3		Resolved	Defer	Can't provision GTT data if digit length is > 10 with MGTT and SCCP conversion specific data	Data entry requires multiple commands if digit length is greater than 10 and SCCP conversion data is included. This would require an ent- and one or more chg- commands to completely specify the data.
61049	3		Resolved	Defer	EMP doesn't change CLLI after chg-sid	Can cause loss of MSU copying to Sentinel since you have to either boot or turn EISCOPY off to get the CLLI to change.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
61165	3		Resolved	Defer	Discrepancy in DBCD_NUM_OF_PART_TBLS define	None. Identified a potential logic error, there is no system impact.
61313	3	Y	Resolved	Defer	Netboss and STP2 alarm mismatch	NetBoss network management system does not accurately reflect status of the network.
61394	3		Resolved	Defer	HC-MIM Starting lfs on remote link that is already in loopback, clear loopback	After the ACT-LBP is first issued from the FE, the subsequent ACT-LBP from the NE causes the loopback to be cleared.
61432	3		Resolved	No-Fix	Card 2206 Module TRKERNEL.C Line 316 Class 0001 Severity 1	If a craftsperson can induce delayed TCP ack over a period of time (more than 24 hours), Treck may start spiting this error. This may cause the socket with Sentinel to go down.
61492	3		Resolved	Defer	EMP table error	None. This issue was identified during a code inspection and no current issue is known to exist with Eagle releases.
61696	3		Resolved	Defer	UIM 1311 will not display on a terminal with heavy output	Loss of terminal output can occur under periods of high output. This appeared to occur when the hourly report was generated and was outputting DPC information. There is no other system impact.
61713	3		Resolved	Defer	Database goes into incoherent with EGTT and VGTT ON	Most customers don't delete the entry after creating it. This problem is unlikely to be seen in a customer environment.
61735	3		Resolved	Defer	DB goes into incoherent when a GTTSET is created and deleted for 9,999 times	No immediate impact, but eventually, DB goes incoherent.
61754	3		Resolved	Defer	Card 1115 Module SIH_UTL.C Line 4470 Class 01c3 Severity 1	An unnecessary ATH is generated along with the UIM. No impact on the system whatsoever.
74455	3		Resolved	Defer	Upgrade action=convertstp failure due to measplatform	This problem can only occur when the measurements platform feature bit is set and there are no MCP cards in the system. The workaround is to insert the MCP cards or to perform the upgrade's network conversion using the appl parameter. This problem has not been seen in the field.
74485	3		Resolved	Defer	T1MIM - Module LFS_ML.C Sev 1 trouble for OCU loopbacks	Sev 1 errors are seen on T1-MIM cards when attempting an ACT-LBP:RLE=OCU:LFST=LLT/NLT. This does not occur all the time but once in this state it occurs every time for that particular link/port. The only way to get out of this state is to init the card or active OAM.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
74712	3		Resolved	Defer	Investigate DSM CPU utilization during error conditions	When various errors occur, the DSM card application (VSCCP) may not recover as quickly as possible; time and CPU cycles may be wasted.
74770	3		Resolved	Defer	RTRV-E1 column alignment off	Cosmetic flaw - no system impact.
74876	3		Resolved	Defer	HC-MIM During restart test ATM cards get TSI_ISR obit	When a node is isolated in the manner described by the PR, cards appear to re-boot very early during initialization after they have been inserted. Cards recover as expected after that initial boot.
74880	3		Resolved	Defer	VSCCP - Size of Table ID doesn't match size of MPS Table ID	No system impact - currently no customer table IDs come close to exceeding 64K.
82390	3		Resolved	Defer	Command Reject E2127 needs to be updated.	Change would improve usability and self-document error without the need for customer reference to Commands Error Recovery manual.
83518	3		Resolved	No-Fix	HC-MIM Card pulled while being flashed takes long time to stop upgrade	Once the upgrade command returns a failure after attempting the retries the act-upgrade command is to be resubmitted.
83519	3		Resolved	Defer	Eagle DB status NOT OK then OK	The active side of Eagle database status reported NOT OK when rept-stat-db command was issued, but it later reported as OK before any problem could be determined.
83543	3		Resolved	Defer	RTRV-RTE display format seems to be incorrect	Only difference here is that the second line cli= is on the left side rather than on the right side. No real impact.
83640	3		Resolved	Defer	no rept-stat-alm support for TPS_SS	There is no REPT-STAT-ALM support for the IP TPS device created in 31.6.
83766	3		Resolved	No-Fix	Eagle routes MSU after TFP was received (China UE1)	Customer may see MSU(s) to a prohibited destination within 10-15 msec of sending TFP.
83834	3		Resolved	No-Fix	GWS CDPA / AFTPC percentage shows 94% but is full	Imprecise screenset capacity reports for GWS CDPA / AFTPC tables.
83835	3		Resolved	Defer	GWS UIM 1062 CARD 1316 INFO **** too large (L1113) is uninformative and misleading	This UIM does not give users any information on what it is. This comes out of the GLS card when it is trying to bind the GWS tables.
83849	3		Resolved	Defer	ENT-SLK rejected with wrong error message	Unclear recovery procedure fr E2133 under these circumstance. Customer will not know how to correct data entry error.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
83900	3		Resolved	Defer	chg-ls for apcntype requires the links to be deleted	The chg-ls command for apcntype requires the links to be deleted while the other parameters can be changed by just having the links out of service.
83951	3		Resolved	Defer	No ECA for XCO after completed ECO	This is a very minor issue. This could occur only when the Changeover is actually caused by polling the card out/booting the card rather than taking the link down (inh/blk/fail) or pulling the cable. The changeover procedure is executed as expected, only that the subsequent XCO won't be ack'd until the time the card which owns the link is back up again. This should not have any system impact.
88146	3		Resolved	Defer	UDTS handling for IGTT traffic under local link congestion	When Eagle links go into local link congestion, SCCP messages that go thru intermediate GTT are discarded at the MTP level based on the congestion procedures. No UDTS messages are generated. Since MTP routed and Final GTT MSUs generated the appropriate congestion response (UDTS and TFC), the originator would become aware of congestion and re-route the traffic.
88298	3		Resolved	Defer	link fails during congestion due to sltc failure	If the problem happens the card may have to be booted (init-card) to bring the link up.
88299	3		Resolved	Defer	If port B on STC is disconnected when DHCP lease expires, no IP address will be configured	Any Customer that has STC cards with one operating port (either A or B) may get into this problem. On expiry of DHCP lease the STC card may never get an IP address thus making the concerned STC card nonfunctional.
88381	3		Resolved	Defer	EIS: 56K DS0 link is reported as 64K DS0 link in EMP Service Request	Integrated Sentinel may end up showing the wrong link interface for low speed links.
88518	3		Resolved	No-Fix	UIM1179 is misleading for network conversion between spare and non-spare PCs	Some customers may not understand that conversion between National and National Spare (or International to International Spare) cannot occur based on this UIM.
88519	3		Resolved	Defer	BSU lost on pass thru of IMTPCI	This causes the card to boot slower than what it should when the ARM processor or the microengines hang. Currently, the card will boot with an obit if the COMM processor hangs, it just takes a little more time than it should.
88836	3		Resolved	Defer	Table copy error output is misleading	None.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
88914	3		Resolved	Defer	SLAN capacity cannot keep up with advertised rate	This problem is observed when all MSUs coming into the LIM cards (IPLIM in the case of the test setup) are of maximum size, or 272 bytes. The problem has not been observed when the MSUs are smaller in size, as is the general case. The problem is only observed when the cards running the SLAN application are ACM cards. (The problem is not observed when the application runs on SSEDCCM cards.)
88915	3		Resolved	Defer	Receiving TVG denials when capacity is available	The card will receive TVG Grant denials when under very heavy load, even though the card's rated capacity has not yet been exceeded.
88975	3		Resolved	Defer	HIPR BSU routing	The sending card will continue to send the BSU until the card that the BSU was lost on booted its COMM processor and BSU were allowed to complete their cycle. This condition will last only as long as it takes the COMM processor to boot.
89089	3		Resolved	Defer	IPLIMABATE should be removed	The IPLIMABATE option can be enabled via the CHG-SG-OPTS command but will have no effect since M3UA links are no longer supported on IPLIMx.
89092	3		Resolved	Defer	Can't provision 12 SSNs for PC in MAP table	None.
89294	3		Resolved	Defer	DSMs receive UDP broadcasts intended for MPSs as a broadcast side effect	DSM cards generate these multicasts that the peer DSM cards receive. The result is unnecessary waste of time and CPU cycles by all DSM cards to recover from receiving multicasts that are of no interest or use to the card. The handling of these messages consume a negligible amount of time and CPU cycles.
89327	3		Resolved	Defer	DLT-MRN Command leaves a solitary PC in MRN table	None.
89328	3		Resolved	Defer	CHG-MRN doesn't check room for new PC/RC	None.
89329	3		Resolved	Defer	ENT/CHG-MRN Commands lack PC/RC check	None.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
89394	3		Resolved	Defer	User and Terminal Command Actions not Correct with OAP-Based LNP Commands Removed	The LNP output group parameters for the chg-trm and chg-secu-trm commands, and the LNP command classes for the chg-secu-trm command cannot be specified, but the LNP command classes can be specified for the ent-user and chg-user commands.
89654	3		Resolved	Defer	E3453 Cmd Rej: Database does not contain a serial number when the Eagle serial number was previously entered into the Eagle's database	Re-entry of the Eagle Serial number
89679	3		Resolved	Defer	UALOG enhancements for SUA and M3UA	Logging of received M3UA/SUA messages on IPGWx does not record all parameters when the message is discarded. The additional parameter(s) that are not logged are of marginal use since the message type that is being discarded is logged and will be the primary method of debugging the interop issue. For ASP Failure, RC value included in transmitted message would be more complete; however, ASP Failure is for all RCs so SG configuration can be consulted.
89706	3	Y	Resolved	Defer	DUMPSLOG.EXE for viewing SECULOG is outdated	EAGLE TAC or customer is not able to view SECULOG files from the EAGLE offline.
89726	3		Resolved	Defer	Card Detect algorithm: re-queue of entry needed in the IMT GPL	This PR affects the IMT GPL that runs on non-flash-based cards only. The IMT protocol on those cards works well and the fix will only make the implementation a little more efficient and bring its operation fully in line with what has already implemented on the flash-based cards.
89951	3		Resolved	Defer	emm_mcp.c Line 959 Obit during 33.0 to 34.0 upgrade	A failure during MCP upgrade forces a cold restart of the card and a loss of all measurements data on that card. Normally, the data would be reloaded from the primary MCP following a cold restart. However, crossloading is not supported during upgrade so the card re-initializes with no measurements data. When the secondary MCP returns to IS-NR status, the primary MCP is upgraded, with the same result. Following the upgrade, neither MCP card will have retained pre-upgrade measurements data. There is no known work-around for this problem. This problem does not impact the ability of the MCP to collect measurements data following the upgrade.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
89981	3		Resolved	No-Fix	TALI: Congested Destination MTPP sent with incorrect Congestion Level	The Signaling End Point will receive the correct congestion status as soon as it starts sending signaling traffic to the congested node.
90027	3		Resolved	Defer	Ignore Private TCAP parameter tags for INP feature	Some venders use a private tag which conflicts with the called party tag. The Eagle does not decode INP IDP messages with private tags.
90048	3		Resolved	Defer	ETS_UTL.C Line 1059 troubles in 31.6.11 to 34.0.0-55.41.1 upgrade	This trouble was seen in Phase 0 and again in Phase 2 of the upgrade. Both appear to have occurred around the time of "FLASH Memory Activate for card 111X started" in the upgrade. There was no system impact.
90082	3		Resolved	Defer	ip reference checks may cause command response timeout when large number of output msgs displayed	The Healthcheck Procedure requires that IP reference checks be performed via send-msg command prior to upgrade. If IP reference checks are performed during Healthcheck #1 and invalid references are removed prior to upgrade, this problem should not occur.
90095	3		Resolved	Defer	Module mrs_mgr.cpp Line 2345 Severity 1 during 33.0 to 34.0 upgrade	Nuisance ATH generated when running measurements platform during upgrade.
90227	3		Resolved	Defer	flash-card incorrect error code for HMUX/HIPR	Error message should be E2212 "Card location specified is not valid for this command". The current error is "E2016 Cmd Rej: Card Location is out of range - loc".
90304	3		Resolved	Defer	EAGLE DOES NOT REPORT SCCP CARDS THAT ARE NOT CAPABLE OF WARM RESTART	An attempt was made to warm restart cards which should not be warm restarted since their db levels were not correct. They soon booted with pvdl obits and began cold starting. At the time of the warm restart attempt, the EAGLE did not indicate that the cards were not warm restartable.
90339	3		Resolved	Defer	trp_trbl.c and hung route when 100 ESP limit is exceeded	If a user provisions more than 100 ESPs, it requires the STC routing table to add all the entries. However, the STC TRP table does not support more than 100 routing entries. If, however, this limit is breached, this could result in indeterminate behavior, i.e., the card may hang and as a result may require booting the card. The scenario that results in this state is very unlikely.
90345	3		Resolved	Defer	"s-" indicating Spare Point Code is case sensitive	The ent-dstn:dpcn=S-xxxx-aa command is rejected when attempting to provision a spare point code using a capital "S".

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
90486	3		Resolved	Defer	init-sys:data=persist may not work if OAMs boot onto new gpl	If an init-sys:data=persist command is issued when an MO is in the MDAL and the EOAM GPL on the MO is not the same as the one running on the EAGLE, warm restart data will not be valid.
90542	3	Y	Resolved	Defer	EAGLE Obits when using Crosstalk and attempting to transfer a file using Kermit	The EAGLE will switch activity when using a misconfigured Crosstalk/kermit session.
91208	3		Resolved	Defer	Response DUNA/DRST should use RTKEY OPC when filtering	This problem is not of significant impact to the customer since the received DUNA/DRST will not impact routing if the M3UA/SUA node is not concerned about the destination. Furthermore, routing keys using OPC are not prevalent in the field.
93335	3		Resolved	Defer	cross network GTT'd MSU not pegging GTTMSCNVTD in active period comp lnkset report	During testing of ANSI-ITU conversion, the GTTMSCNVTD peg count is not being incremented during the active period comp-lnkset report when sending an ANSI SCCP message to the STP that is getting GTT'd to an ITUI point code. The far end is receiving the information but the peg count is not being incremented until after the measurement collection is completed for that period. The report will then show the peg count correctly.
95508	3		Resolved	Defer	G-Port discards the MSU with unsupported TCAP Package Type	ATH messages are generated when the Eagle G-Port discards MSUs that do not contain a TCAP Package Type that can be identified as ANSI or ITU.
96060	3		Resolved	Defer	Eagle fails to output UIM 1311 OAM Meas NPANXX limit exceeded.	No notification that NPANXX capacity exceeded for OAM measurements. Workaround: The OAM measurements are capped at 150K NPANXX. If meas count = 150K, check rept-stat-lnp. If NPANXX count > 150K in rept-stat-lnp, measurements are incomplete. Another workaround is to use the ELAP menu to determine db-status and TN, LRN, & NPANXX counts.
96343	3		Resolved	Defer	Incorrect DRAM space is reserved for IP tables	Since no other tables are loaded after these tables, the system impact is NONE.
96369	3		Resolved	Defer	UI accepts "up arrow" in KSR mode before ctrl-a entered	In KSR mode (term=ksr, not F11) the command prompt processes the up-arrow event, shifting the command buffer back by one before the ctrl-a prompt is entered/available.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
96408	3		Resolved	Defer	ipgwnetm.c module error when no SAPC exists on IPGWI linkset	If an IPGWI linkset hosts connections in a routing key associated within a network (ITU-N/gc, ITU-I) for which there is no True or Secondary Adjacent Point code for the IPGWI linkset, there is the potential for Sev-1 ATHs to be generated by the card. These ATHs are indicating that the IPGWI L2 is trying to send SNMs to L3 to update the routing status for the destination but it cannot find an adjacent point code to place in the OPC of the SNM (i.e., one that is in the same network and group code). This is a misconfigured system so the customer impact is that the customer may need to call Tekelec's Customer Assistance Center (TAC) in order to determine what the problem is.
96447	3		Resolved	Defer	ath CMT_MD.ASM on ccs7itu cards during 55.47.0 upg phs3	In the event that HC-MIM cards and non-HC-MIM cards are GPL downloading at the same time, some non-HC-MIM cards may fail the GPL download due to a timeout but will be successfully downloaded once the HC-MIM cards are loaded. Some sev 1 errors indicating messages with an invalid destination subsystem number will also be output by the non-HC-MIM cards.
96480	3		Resolved	Defer	ALIM M2M issues SEV 1 ATH if BLKLD RSP times out due to mate missing	If an IPGWx card has mate(s) provisioned but not present, it will issue a sev 1 ATH indicating that it failed to bulk load from its mate due to timeout. It doesn't differentiate between the mate missing (unplugged) and actual failure cases.
96484	3		Resolved	Defer	During full backout the MB does not get converted correctly for an unprovisioned HC-MIM	Unprovisioned HCBlade cards running the 34.0 flash generate troubles when the GPSM cards are running 33.0. This should only occur when the upgrade has completed and there is a need to rollback (backout) the upgrade. The problem occurs in Procedure 25 of the upgrade procedure. If it occurs, execute Procedure 33 for the cards causing the troubles, then proceed back to Procedure 26 and complete the rollback.
96616	3		Resolved	Defer	Response DUPU messages should only be able to route with routing keys of the same SI	SUA connections may see DUPUs for Users other than 3, and M3UA connections may see DUPUs for Users other than the type of traffic they are carrying (i.e., they may see DUPUs for User 3 - SCCP - but they are carrying ISUP traffic).
96618	3		Resolved	Defer	Receive duplicate Broadcast DAVAs when the Affected PC is a cluster	No functional impact, the Eagle broadcasts extra DAVAs when the Affected PC is a cluster.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
96621	3		Resolved	Defer	Multiple IPGW TPS Feature Quantities permanently enabled	The largest TPS value enabled will be used by provisioning commands, so there is no outward impact aside from rtrv-ctrl-feat showing more than one TPS value enabled. There is no impact for non-IPGW customers.
96633	3		Resolved	Defer	Card 1113 Module POLLQUE.C Line 731 Class 0001 Severity 1	After running the "rept-meas" command for the UE1 HSL link with type=comp, enttype=link, & period=active, the Severity 1 errors were displayed on the console.
96644	3		Resolved	Defer	Terminal 1 will only accept BASIC and SA class commands	A terminal may not function properly. This is localized to the individual terminal affected. This can only happen if default values were somehow wiped out in TERMINAL.TBL, which is an unlikely scenario for which a cause could not be determined, let alone duplicated, short of manually doing so with a set-tbl command.
96679	3		Resolved	Defer	Command recall on telnet terminal get confused when changing direction (up vs down arrow)	When you change direction from up arrow to down arrow, the counter goes in the wrong direction for the first attempt, then corrects itself. This is very confusing when attempting to recall Eagle commands.
96696	3		Resolved	Defer	A small amount of messages are mis-sequenced or lost during IPGWI 8 link changeover/changeback test case	This is seen when 16 client associations in the AS are changed to alw=no causing changeovers to occur until 2000 MSUs/second were routing across ONE remaining card (on two associations) then re-allowed one at a time until all 16 associations were back in service. This caused 14 messages to be reported as lost and mis-sequenced.
96769	3		Resolved	Defer	UAM0084 Failed Channel info displays nothing	The user could receive an IP Connection Unavailable alarm without the Failed Channel indication being valid. It should immediately be followed up with an IP Connection Available message. In the worst case scenario, the user would not know which channel failed.
96814	3		Resolved	Defer	SCM_UAM trouble when deleting links during collection period	This scenario will result in the failure to output alarms, which would disrupt element management tools such as NetBoss from accurately depicting alarm status. This would require a re-sync when that mismatch is detected. Note: This would only happen in the case that (1) a device has detected an alarm; (2) queued the alarm to be displayed; and (3) the device is removed PRIOR to displaying the alarm condition.

Table RN-18. EAGLE 5 SAS 34.0.10 Known PRs - 7/11/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
96860	3		Resolved	Defer	ASP status updates	Any conflicting/incorrect ASP state information that may be observed in the rept-stat-as:asname=xxxxx output is corrected and will be reported correctly in subsequent command executions.
100486	3	Y	Resolved	Defer	Corrupt Data on GWS message	The customer is receiving erroneous alarms in regards to GWS and allowed OPCs.
103152	3		Resolved	Defer	IPGWI ITX_MGR.C and tks_sbfr.c OBITs while running performance duration with errors injected	This situation is unlikely to occur since sustained congestion-level loads must be generated (congestion is a transitory condition - networks are generally designed to avoid sustained congestion) to create enough of a response window for IMT.
103217	3		Resolved	No-Fix	AUD_MGR.C Line 746 Severity 1 trouble during upgrade	No Impact: Audit resumes when upgrade completes either by resetting the active MASP or via netcomplete.

Table RN-19. ELAP 5.0.3 Known PRs - 1/18/06

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
96620	2		Resolved	Defer	DSM CARDS BOOT WITH PH2 UPDATE TIMEOUT OBITs DURING WARM RESTART	DSM will automatically cold start, extending the reload time for the affected card(s) by 30 minutes.
104451	2		Resolved	Defer	Deletes failed with E0147: Return_Failed_Read_MRGroup_Entry	Delete attempt will fail and be reported to the LSMS.
34285	3		Resolved	Defer	INCONSISTENT TREATMENT OF NEWTT-LRN VS. NPANXX	NO OPERATIONAL IMPACT, BUT MAY CAUSE CONFUSION AS TO THE CORRECT NEWTT DATA.
49447	3		Resolved	Defer	Terminated session login button doesn't work in rare circumstances	If Customer is using IP forwarding, has changed the http port to something other than 80, and allows a GUI session to terminate, then attempts to re-login receive an error rather than the login screen.
51740	3		Resolved	No-Fix	Retrieve service provider GUI command broke	If the DB contains more than 270 SPIDs, the SPID reports must be retrieved from the LSMS.
51782	3		Resolved	Defer	ELAP: NPANXX dropping from 100% to 80% does not drop the alarm on the VSCCP cards	Erroneous alarm does not clear at the Eagle once the NPANXX capacity has been reduced from 100%.

Table RN-19. ELAP 5.0.3 Known PRs - 1/18/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
52497	3		Resolved	Defer	DSM cards have trouble loading when RTDB is at Level 0	None. This issue can only occur on a new turn-up prior to data being provisioned on the system and is easily corrected. No production impact.
54779	3		Resolved	Defer	ELAP displays rtdb as 'Inconsistent' EAGLE displays rtdb as 'Corrupted'	ELAP displays rtdb as 'Inconsistent' when it is 'Corrupted'.
54934	3		Resolved	Defer	ELAPCONFIG UI on B side does not change default router	Default router configuration should be completed from MPS-A ELAPCONFIG UI. If performed on MPS-B the change will not be propagated to MPS-A.
58206	3		Resolved	Defer	Failed to retrieve NPBs that has the same npanxx from ELAP gui	Customers should use the RTDB->RetrieveRecords->Subscriptions menu item or the RTDB->Local Provisioning->Batch Mode menu items instead.
58379	3		Resolved	Defer	RTDB is inconsistent when running audit by time and receiving updates from npac at the same time	RTDB copy would be required to correct inconsistent database. This PR has an extremely low probability of occurrence.
60710	3	Y	Pending_Review	Monitor	Operation failed. Did not receive LNP data checksums in expected amount of time.	With the application port of ELAP to a new Hardware platform and Operating System, this issue has not been encountered nor can it be reproduced. This PR will remain in a Monitor state until after the affected customer has been upgraded to ELAP 5.0 and is satisfied that the issue no longer exists.
60855	3	Y	Pending_Review	Monitor	Some ELAPs and DSM Cards Show RTDB 80% Full Alarm and Some Do Not	With the application port of ELAP to a new Hardware platform and Operating System, this issue has not been encountered nor can it be reproduced. This PR will remain in a Monitor state until after the affected customer has been upgraded to ELAP 5.0 and is satisfied that the issue no longer exists.
61063	3		Resolved	Defer	ELAP WITH INCONSISTENT RTDB CAN BE MADE ACTIVE	This would cause alarms requiring you reload the DSMs.
61224	3		Resolved	Defer	MPS fails to send correct DB level to DSM card.	Provisioning will be delayed until the PvLog is cleared. The pvlog can be cleared by doing the following: (1) Stop the software on the side with the problem; (2) touch /var/TKLC/appl/rt/dbClearTime; and (3) Start the software. This will cause the cache (a.k.a. pvlog) to be cleared. The ExAP will be able to service any requests for provisioning that start after its current level.

Table RN-19. ELAP 5.0.3 Known PRs - 1/18/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
61333	3		Resolved	Defer	If MR table gets full, LPU batch utility says it successfully processes subsequent updates	MR provisioned beyond limit is not provisioned but reported as successful. This is not a probable situation in the field for the MR table to become 100% full (it has a capacity of 65.5K).
61375	3		Resolved	Defer	Browser timeout during local provisioning batch file causes false error- E1025: File lock failed: Could not obtain file lock	Local provisioning batch files must be limited so as to not exceed the time of the browser timeout. Very large locally provisioned batch files would rarely be used as LSMS is normally used for provisioning. Most likely this is only an issue for a lab test without an LSMS connected.
61376	3		Resolved	Defer	With NPANXX table full, the GUI shows new updates as successful incorrectly	NPA-NXX entries beyond the 300K max provisioned locally are incorrectly reported as successful when they are not. This is not a probable situation in the field for the NPA-NXX table becoming full.
61817	3		Resolved	Defer	DB Backup Completion Status on ELAP Displayed only in GUI	Success/Failure of database backup is unknown if the GUI connection is lost.
61818	3		Resolved	Defer	MR, SPID and MRG tables do not cause 100% RTDB full ALARMS	No alarms for 100% capacity of MR, SPID, or MR Group tables on RTDB.
88920	3		Resolved	Defer	"Reload RTDB form mate in progress" banner message does not clear	Reload from mate banner message is misleading.
89916	3		Resolved	No-Fix	rtbdbdiag: Red root with red child should be warning vs. error	No operational impact. Use of diag tool may result in error messages that should have been warnings.
89918	3		Resolved	Defer	Tree balance alarming not correct for TNs	No operational impact. Alarm for tree depth would not be seen until a depth of 54-56 which is later than it should be.
90002	3		Resolved	Defer	Minor RAM Shortage Warning is ignored in ELAP alarms	Alarm not present for minor RAM shortage warning.
90024	3		Resolved	Defer	ELAP 4.0 displays NOACCS but dsm cards are being updated	Rept-stat- commands temporarily unable to give correct status.
91012	3		Resolved	Defer	Internal Error generated on ELAP after starting a Bulk Download.	ELAP temporarily is unable to provide RTDB status and reports Internal Error.
96381	3		Resolved	Defer	ELAP GUI login screen missing info about past logins	Information relating to past logins for the current user is not provided upon successful login.
96390	3		Resolved	Defer	UIDB mysql replication from a to b failing	Replication will not be possible until Tekelec Technical Support recreates the EuiDB.

Table RN-19. ELAP 5.0.3 Known PRs - 1/18/06 (Continued)

PR #	Sev	CSR?	Status	Disposition	Title	Customer Impact
96449	3		Resolved	Defer	"Mate EPAP no available" msg displayed for ELAP	No impact. "EPAP", not "ELAP" referenced in alarm.
96826	3		Resolved	Defer	Maint process core dumps when mysql not running	Minimal impact. Once MySQL is up, normal operation commences.
96891	3		Resolved	Defer	Elap acknowledge updating TN sucessfully but did not update DB	Minimal operational impact. Even if an update is acknowledged to the LSMS, but is not placed in the database prior to a disconnect of the ELAP with the LSMS, the short resync on a subsequent connection will recover the data.
96925	3		Resolved	Defer	LSMS does not send tcp keep alive to standby jrs	If network failure causes switchover of active HSOP connection from A to B, only a single connection will be established.
99128	3		Resolved	Defer	ELAP drops connection to LSMS for no apparent reason	Connection is automatically re-established and no data is lost.
103723	3	Y	Resolved	Defer	LRN totals do not match between mated sites.	No operational impact. Unused LRN entries remain in RTDB.
104018	3		Resolved	Defer	Range Audit from the LSMS Runs at 10.5M / Hour for 120 ms Latency	HS Bulkload performance rates for networks with 120ms latency is approximately 10% below specification.
105165	3		Resolved	Defer	ELAP returning error Could not connect to local LSMS port (7483) during updates via local provisioning	If an ELAP system is setup with no LSMS connected, attempts to locally provision data at ELAP will fail.

Table RN-20. ECAP 1.0.0 Known PRs - 9/21/06

PR #	Sev	CSR?	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.