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Oracle® Communications Release Notes, Release 45.0

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Introduction

This Oracle Communications *EAGLE 45.0 Release Notes* includes Resolved PRs for EAGLE Release 45.0.1, Build 45.0.1-64.70.35, Resolved PRs for Oracle Communications EAGLE Element Management System (E5-MS) 45.0.1, Build 45.0.1-450.33.0, Known PRs for E5-MS 45.0, and Resolved and Known PRs for EAGLE Release 45.0, Build 45.0.0-64.70.31 and Oracle Communications EAGLE LNP Application Processor (ELAP) Release 10.0.0, Build 100.17.0.

The *EAGLE 45.0 Release Notes* also includes:

- Generic Program Loads for EAGLE 45.0.0 and 45.0.1
- Resolved PRs for EAGLE Release 45.0.1
- Resolved PRs for E5-MS Release 45.0.1
- Resolved PRs for EAGLE Release 45.0.0
- Resolved PRs for ELAP 10.0.0
- Known PRs for EAGLE Release 45.0
- Known PRs for E5-MS Release 45.0
- Known PRs for ELAP Release 10.0
- Upgrade Paths
- Eagle Software Compatibility

Release Notes are distributed to customers with a new software release at the time of General Availability (GA) or Limited Availability (LA). E5-MS 45.0.1, EAGLE Release 45.0 and ELAP Release 10.0 are GA Releases.

Release Notes are available on the Oracle Technology Network. For each new publication to the web, the revision level of the part number is incremented. Release Notes can be located under Oracle Communications Documentation for Tekelec Products by its product and release. See also *How to Locate Documentation on the Oracle Technology Network*.

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 Oracle Technology Network

This section describes how to locate customer documentation. Viewing these files requires Adobe Acrobat Reader.

- 1 Go to the [Oracle Documentation site](#).
- 2 Select **Applications**, then scroll down and select **Communications**.
- 3 Choose **Oracle Communications Documentation for Tekelec Products**.
- 4 Select a product and release number from the options on the page. Select **View** to see all of the release's documents.
- 5 Find **Release Notes** under **Core**. Select **PDF** to open in the existing page. Right-click for the options of opening in either a new tab or new window.
- 6 To download the document, right-click **PDF** and select **Save Target As**.

Generic Program Loads

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

Table RN-1. GPLs - Builds 45.0.1-64.70.35 and 45.0.0-64.70.31

GPL SYSTEM NAME	VERSION Build 45.0.1-64.70.35	VERSION Build 45.0.0-64.70.31
Date Available	2/4/14	8/30/13
ATMANSI	134.70.35	134.67.0
ATMHC	134.70.35	134.67.0
ATMITU	134.70.35	134.67.0
BLBEPM	133.43.0	133.43.0
BLBIOS	133.43.0	133.43.0
BLBSMG	133.43.0	133.43.0
BLCPLD	133.55.0	133.55.0
BLDIAG6	134.47.0	134.47.0
BLXP	134.70.34	134.60.0
BLMCAP	134.70.33	134.70.0
BLROM1	133.56.0	133.56.0
BLVXW6	134.70.34	134.60.0
BPDCM	134.55.0	134.55.0
BPDCM2	134.55.0	134.55.0
BPHCAP	134.55.0	134.55.0
BPHCAPT	134.55.0	134.55.0
BPHMUX	134.12.0	134.12.0
BPMPPL	134.55.0	134.55.0
BPMPPLT	134.55.0	134.55.0
CDU	164.70.35	164.67.0
EROUTE	134.70.35	134.67.0
ERTHC	134.70.35	134.67.0
GLS	134.70.35	134.67.0
GLSHC	134.70.35	134.67.0
HIPR	134.70.34	134.58.0
HIPR2	134.70.34	134.69.0
IMT	134.70.35	134.67.0
IMTPCI	134.70.34	134.60.0

Table RN-1. GPLs - Builds 45.0.1-64.70.35 and 45.0.0-64.70.31 (Continued)

GPL SYSTEM NAME	VERSION Build 45.0.1-64.70.35	VERSION Build 45.0.0-64.70.31
Date Available	2/4/14	8/30/13
IPGHC	134.70.35	134.67.0
IPGWI	134.70.35	134.67.0
IPLHC	134.70.35	134.67.0
IPLIM	134.70.35	134.67.0
IPLIMI	134.70.35	134.67.0
IPS	134.70.35	134.67.0
IPSG	134.70.35	134.67.0
IPSHC	134.70.35	134.67.0
MCP	134.70.35	134.67.0
MCPHC	134.70.35	134.67.0
MPLG	164.70.35	164.67.0
OAMHC	134.70.35	134.70.31
PKTGEN	164.70.35	164.67.0
PKTGHC	164.70.35	164.67.0
PLDPMC1	133.56.0	133.56.0
SCCPHC	134.70.35	134.70.31
SIPHC	134.70.35	134.70.0
SLANHC	134.70.35	134.67.0
SS7HC	134.70.35	134.67.0
SS7IPGW	134.70.35	134.67.0
SS7ML	134.70.35	134.67.0
VCDU	164.70.35	164.67.0
VSCCP	134.70.35	134.70.31
VXWSLAN	134.70.35	134.67.0

Resolved PRs

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

Table RN-2 on page RN-7 lists Resolved PRs for EAGLE 45.0.1-64.70.35.

Table RN-3 on page RN-9 lists Resolved PRs for E5-MS 45.0.1-450.33.0.

Table RN-4 on page RN-10 lists Resolved PRs for EAGLE 45.0.0-64.70.31.

Table RN-5 on page RN-23 lists resolved PRs for ELAP 10.0.0-100.17.0.

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

Table RN-2. Resolved PRs for EAGLE Release 45.0.1 Build 45.0.1-64.70.35 (2/4/14)

PR	CSR	Sev	Title	Customer Impact
204917	Y	2	Chg-GTT/GTA does not increment the MRNSET count	The active EOAM's card database is marked inconsistent. The command causing this is aborted and no update occurs. Also the remaining GTT entries pointing to the MRNSET cannot be removed. Please see TN003384.
225398		2	ENETB booted on Module ath_vxw_mgr. during Multihoming RHOST failover scenario	If an IPSP card is running multihomed, has Fast Copy ports provisioned and connected, Fast Copy is not enabled, and one of the signalling network cables is pulled, the card may boot.
233031		2	SCCP and monitored traffic loss observed while running traffic at around 9200 TU on an ENET-B IPSP card with Fast copy	Fast copy may not deactivate in overload conditions before discarding traffic.
233490	Y	2	rtrv-sid not displaying CPCN (INP) after upgrade to R45	CPCN entry is not displayed by rtrv-sid. See TSB 003582 for full details.
236391	Y	2	RST from adjacent nodes for Eagle's INP CPC causes sccp_lim.c Line 693 sev-1	Adjacent nodes are unable to route INP traffic to Eagle as the Eagle's INP CPC remains prohibited.
200033		3	PCT DB commands not validating correctly. dlt wrong entry, accept invalid new entries	
225809	Y	3	E5NET card boots on Module pmtc_mgr.c at 100% of System Total SCCP Capacity	Card could boot due to data backup under heavy load. The card will self recover.
232002		3	Order of DCB mismatch in ath_alm.h and scm_dat.c file	
232708	Y	3	Eagle respond to SNMP request even when SNMP feature is not enabled in the system	By default GETCOMM is public and SETCOMM is private in Eagle. The Eagle responds to GET/SET requests when the SNMP feature is not Enabled with the community name. Customer can not change the community name if SNMP feature is not Enabled in the system.
233027		3	Alarm "0590 Fast Copy Application De-activated" is not getting cleared even if the Fast copy port status is activated	
233525	Y	3	Upgrade stuck in Upg Phase 2	Upgrade would have to be restarted at that point if this condition is encountered.

Table RN-2. Resolved PRs for EAGLE Release 45.0.1 Build 45.0.1-64.70.35 (2/4/14) (Continued)

PR	CSR	Sev	Title	Customer Impact
231722		5	UIM generation when we hit TPS of 500 SIP Messages/sec on the SIP card	
234392		5	Oracle Re-branding: Copyright	
234417		5	Autorecovery from DDL Unstable and links stuck in CO/CB	

Table RN-3. Resolved PRs for E5-MS Release 45.0.1 Build 45.0.1-450.33.0 (6/12/14)

PR	CSR	Sev	Title	Customer Impact
236448	Y	2	SNMP traps are sent with the incorrect value for snmpTrapOID	The northbound SNMP receiver can possibly malfunction or fail to process the traps as the variable binding is not as per the SNMP v2c specifications.
240446		3	Mysql root user password needs to be reconfigured after upgrade	
234844	Y	5	E5-MS utilizes Random ports for some services	
239780	Y	5	UAM/UIM not available in message	
240680		5	Update JDK version in Masterbuild.sh script to 1.6.0_75	
240802		5	Update JDK to patch 1.6.0_75 in build.sh and release number to 45.0.1 to build E5msFilter	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13)

PR	CSR	Sev	Title	Customer Impact
211881		2	R44_MFC_MTP3:E5-ATM with three port E1 link is discarding MSUs after 9909 MSUs/s(approx) with MFC=ON/OFF	The ATM card can handle only 66% of the aggregate MSU count from 3 ports when MSU size is <36 bytes (1 ATM cell) and all links are in the same linkset.
219805		2	RADB updates missed when card is going through ADL load	The following commands are impacted: chg-stpopts, chg-sccpopts, ent/chg/dlt-csl, ent/dlt-subnetid, chg-prefix, chg-ss7opts, chg-shlf, and chg-feat. System impact is that a network card, if loading while one of these commands is entered, may contain stale DB data for the above commands once loading has completed since the card will discard the DB change event. To avoid this problem, the above commands should not be used while a network card is loading.
220921		2	MTP Routed SCCP messages causes VSCCP cards to stop responding	MTP routed SCCP traffic being redirected to SCCP cards go into a loop. This causes gp.c sev1 trouble. Turning off the feature allows the SCCP cards to process other traffic.
228012		2	HIPR2 - Getting corrupt MFC byte counts	In overload conditions the HIPR2 could increment the MFC byte count enough to disconnect cards from the IMT. An init-mux or physical reset clears this.
158419	Y	3	Eagle R41.1: unavailable IP connections on SCCPHC card after set-time command	When using set-time, IP connections w/EPAP may be lost for 10 seconds.
159451	Y	3	Cannot delete ANSI SID	Customer will not be able to de-provision their ANSI SID.
167557		3	scm_bkgd.c Line 3065 Class 01b3 Severity 1	
198127		3	R43: RTRV-GTTSEL:SELID=NONE command output not showing correct values.	
198136		3	UAM 102 should be raised when a card's BIP data is reported as invalid	
200469		3	Eagle Upgrade: Full Fallback Procedure 22 OAM flash procedure typos	
204559		3	UAM/UIMs 1360-1371 have wrong information	
207434		3	alw-card causes VSCCP card warm restart possible	
207704	Y	3	Delete the obsolete LNP parameter from code and documents	No system impact. This parameter and related alarms are confusing as these are obsolete now.

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
207751	Y	3	Eagle is not responding with ABORT for each INIT received on a closed association though graceful shutdown is not enabled	None. The Eagle is not responding with an Abort for each INIT received on a closed association although graceful shutdown is not enabled. Since no reply for INIT is received from the Eagle, the far end would time out and close the association. Since the association is already closed, there is no impact.
207855		3	Incorrect time is displayed in 30 minute reports.	
208233	Y	3	IMT level 1 stats report negative counters.	IMT level 1 stats may report negative counters.
209084	Y	3	UAM 0144 in UAM manual need to indicate utility appl is listed as CDU in ouput	User will not know what GPL to load as the actual name of the utility file is CDU. Note: This operation is normally only done under TAC's direction.
209676	Y	3	Additional information required in commands manual for terminal size in KSR mode	Using a terminal with settings other than 80 columns and 24 rows may cause control keys to not function correctly.
209888	Y	3	IDPRMSERR is getting pegged if no matching NPP Rule is found.	It is quite normal not to see a matching NPP rule for CdPN/CgPN if the MSU is not supposed to be processed further as per the NPP configuration. Pegging DPRMSERR if no matching NPP Rule is found may cause the Eagle to raise false SCCP Service Error Threshold Exceeded alarms.
210006	Y	3	Continuous trouble from scm_sai.c module(Line 2738)	Continuous troubles from scm_sai.c module unless the alarms are un-inhibited using the unhb-alm command.
210055		3	R44.0_Mobr-E:Message with CGPA (route on GT) not being routed via the MTP option.	
210224	Y	3	Update required in UAM/UIM guide for UAM 0901 (Card DB load timeout, check GLS card)	Users reading the manual without checking if Integrated GLS is on may try to troubleshoot for the wrong cards.
210357		3	R44_SLAN-MFC :In "rept-stat-mfc:sample=tot24h" Service requests received during out-flow control gets displayed after 1 hour.	
210449	Y	3	"etime" Parameter range description in Commands Manual is incorrect for the RTRV-SECULOG and RTRV-LOG commands	Customer may be mislead to think the format value range is incorrect. The range is correct for 2400 time format. However the description is wrong.
210469		3	Rel44.0_IPLIM/GW_ENETB: Link Alarms raised on IPGW linkset when one link is cancelled and TPS over links < IPTPS of Linkset.	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
210638		3	rtrv-srvsel displays gtrqd out of order	
210878		3	Rel_44.0_MCPHC:- Incorrect Register names in aiqssp.csv report	
210984		3	Update Hardware Manuals for 870-2903-02 card	
211194	Y	3	Example is not correct for UIM 1359 in Unsolicited Alarm and Information Messages document(910-6019-001)	May make it harder to troubleshoot the issue.
211220	Y	3	Delete unnecessary steps from Customer documentation for formatting Removable Cartridge/Fixed Disk/Removable Media	MCPM cards will be taken out of service unnecessarily.
211497		3	MFC Engine cannot currently account for System Service Messages that are self generated by the Application	
211532		3	Meas FTP reports may show wrong node name if CLI is changed	
211643	Y	3	Title for the peg "RTT between RMIN and RMAX inclusive" should be changed	This command is used by customers for troubleshooting. There may be confusion as the name of the peg is not clear about what is actually pegged.
211875	Y	3	Telnet terminals display problem	Customer is not able to see what is being typed on this screen, due to this it appears that there is a problem with the telnet terminal. The work around is to login again (although the user will not be able to see what is being typed) correctly. The user will see "Enter Password" and the terminal will be back to normal operation.
211888		3	rept-stat-iptps with tpscost=yes shows derived peak tps for ENET-A card also	
212010	Y	3	Networking Routing table is incorrectly being flushed on E5-IP7 GPLs after IP Link comes up	Wrong routes could be flushed when IP links fail and recover. May have to manually re-enter links or boot card to recover.
212382		3	Incorrect speed/duplex settings displayed for OAM card locations 1113 and 1115	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
212653	Y	3	UIM 1057 description needs to be updated to indicate SSC message handling	Customer may get confused as the UIM states (shown below) that the message length is invalid although the message length (MSG LEN=006) is valid for an SSC message (MSG TYPE=006). 1416.1057 CARD 1301 INFO SCCP rcvd inv SCMG - bad length SIO=83 OPC= 06445 DPC= 06473 SCMG: MSG TYPE=006 MSG LEN=006 AFTPC= 06445 AFTSS=001 MULT=000 LSN=mgts Report Date:12-02-09 Time:10:52:03
212661	Y	3	Command's manual needs to be updated for rtrv-gttset/rtrv-tt commnds to convey the meaning of "*" displayed	The customer may not realize the GTT entry is an overlap entry. An "*" in front of a GTT selector entry, displayed by either the rtrv-gttset or rtrv-tt command, means it is an overlapped GTT selector entry. The Database Administration Manual-Global Title Translation has the details about overlapped GTT selectors.
212706		3	Release 44.0- Allowed to turn OFF the NPP Unlimited SDWC Chars Feature FAK with more than 25 wildcard characters	
212862		3	Eagle_44.0-E5SM4GB: Severity "Module pmtd_mgr.c Line 919 Class 0242 Severity 1" observed on LIM cards.	
212916	Y	3	Unable to identify the linkset(s) for which GTTMODE is configured as "sysdflt"	Customer may not be able to verify the actual GTTMODE setting on the linksets before attempting to change the DFLTGTTMODE parameter value under SCCPOPTS.
213101	Y	3	G-Port Manual needs to be updated to indicate cross network domain routing of SRI Ack is not supported	Customers may incorrectly believe that cross network domain routing of SRI Ack is supported.
213106		3	REPT-STAT-IPTPS when executed with certain parameters, displays wrong MTT error messages.	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
213107	Y	3	Minor Modification required in the description of GT parameter under ent-trace command in commands manual(910-6010-001 Rev A)	ent-trace is a debug command. Debug commands are intended only for Tekelec Technical Services personnel and authorized engineering personnel in the operating companies.
213220		3	Premature congestion on IPSP card with some certain configuration and Rx/Tx traffic rate, when IPSP_HT feature is ON.	
213302	Y	3	ent-slk command getting rejected with MTT 4835	Customer will not be able to add link to association. The following conditions are required for this problem: 1) Association index must be zero (only one association in the STP can have a zero index - this is not visible to the customer) 2) Linkset must have link (IPLIMI) before upgrade to 39.2 3) Assign the association with zero index (item 1) to a link which belongs to the linkset identified in item 2 Workaround: Create new association and use this new association instead of the association having problem, as this new association will have an index other than zero.
213515		3	Module mfcfcmgr.c Line 2968 : MFC attempting to update flowcontrol status information to itself	
213716	Y	3	Alarm "0516 * MEAS SYSTEM Degraded Mode - 1 card failed" not cleared even when standby E5-OAM card working fine	The rept-stat-trbl command displays alarm "0516 * MEAS SYSTEM Degraded Mode - 1 card failed" when the standby E5-OAM card is in an IS-NR state and link is UP after MASP swap. The false alarm can be cleared by entering the rept-stat-meas command.
213870	Y	3	Add notes in Alarm Manual document for UAM 539 to specify the impact on Integrated Measurement feature.	Customer may not be aware that if UAM 539 (Ethernet Interface Down) is generated from an E5-OAM card and rept-stat-meas command output shows this E5-OAM card as Primary, then loss of reports on the server is possible, and MASP swap needs to be done manually.
213946		3	Rel_44:IPLIM/IPGW E5-ENET-B:"Card 1115 Module scm_utl0.c Line 5725 Class 01c2 Severity 1" is observed.	
214101		3	Alarm 0102 "Motherboard BIP invalid" not getting raised for HIPR2 cards	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
214252		3	R_44_IPLIM/GW:Links went down and Sev1 "Module sctpsenders.Line4191 observed while synchronizing IP card with MTU size 1450.	
214423		3	dlt-map:mapset=dflt generates 4 Sev 1 ATHs	
214451	Y	3	Modification required in rept-stat-sccp command output description	Customer may not understand what TTR and MTPRTD mean.
214560	Y	3	Modification required in alarm manual for UAM 0084	There may be misunderstanding as UAM 0084 is not listed in the DLK Alarms table.
214768	Y	3	TTN parameter description for ENT/RTRV/DLT-TT and ENT/CHG-LSP-SERV need to be updated	Translation Type parameter description information is unclear. This may cause misunderstanding as everywhere TTN is used, it is not actually linked in the database.
215062		3	In rept-stat-iptps, derived TPS is getting printed even if IPSTG_HT feature is off	
215122	Y	3	Update required in Recovery description of UAM 0084	UAM/UIM Manual does not currently document the recovery procedure for MCP, MCPHC, or OAMHC when UAM 0084 says the problem is MCP, MCPHC, or OAMHC.
215326	Y	3	Enhancement required in Commands Manual for Global title indicator description used in ent\chg gtt sel command	The customer may not understand that GTT selectors are provisioned independently for each domain.
215370		3	R44_STC:Loss observed in EROUTE traffic from getting copied , when E1-ATM/LIM-ATM card is monitored.	
215382	Y	3	GTT Discard Action pegs GTT error counter and fail ratio under SCCP SERVICE STATISTICS & generates Major/Critical SCCP alarm	The alarm includes "discard" as a GTT action as errors. Since this is the action that the user entered, it should not be counted as an error. The customer may get confused with this alarm. The work around is to increase the alarm threshold to account for the user-entered failure reason.
215452		3	Eagle_44_ST: SM obit on adl_mgr.c when a large number of SM being init	
215792		3	Module ath_vxw.c Line 1455 Class 01b1 Severity 1 errors seen on DSM cards during 64.34 upgrade	
215832		3	Document card current values and embed Power Calculator Tool in HW Manual	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
215869		3	R44: Formatting issue in rept-stat-sccp:mode=perf command with E5SM4G 10K feature ON.	
216527		3	E5-ATM-B LEDs fail to update after init/inh	
217384	Y	3	Module iptscmgr.c Line 2261 Class 0001 Severity 1 occurs intermittently	The customer may not understand that their problem is external to the EAGLE. They may think there is a problem with the EAGLE. If the network issues are fixed the troubles will stop.
217421		3	Minimum required version of Adobe Acrobat Reader is no longer correct	
217860	Y	3	UIM 1120 description in Eagle UAM/UIM manual needs to be corrected	As per Eagle UIM manual, this message indicates that more than 7 UIMs per second are being output. However, UIM 1120 is seen even when the number of UIMs per second is much less than 7. This is causing confusion.
217936	Y	3	Eagle UIM manual needs to be updated to include UIM 1046 under UIMRD Output message group	Customer will not realize that UIM 1046 falls under the UIMRD group.
217981		3	UIM reports as SYSTEM instead of the card location that produced it.	
218044	Y	3	Description about "RTXTHR" parameter in Eagle "IP7 Secure Gateway" manual needs to be updated	The current description for the RTXTHR parameter is confusing. Customer may expect an alarm after RTXTHR times retransmissions on the association triggered by RTO expiry.
218055		3	"Commands Error Recovery" Manual needs to be updated with MTT 4781	
218176	Y	3	Complementary information required for UAMs 452/453 in 910-6019-001 customer doc	Display of UAM 527 might seem unexpected while UAM 452 or 453 are triggered. UAM 527 is expected in such case.
218300	Y	3	IP7 Secure Gateway manual needs to be updated to indicate monitoring support for Large MSU	Customer would be confused as the note indicates that larger MSUs can not be copied to the IMF, when in fact the Fast Copy feature can do this.
218481		3	Missing Measurements Field PC_TYPE in Measurements Manual	
218605		3	Voltage Drop	
218694	Y	3	Modification required in Alarm Manual(910-6246-001 Revision A) regarding UAM 0027 and 0028	Customer may not be aware that rep-stat-mux could help with the troubleshooting.

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
218766	Y	3	Enhancement required in command manual for ent-trace command	Customer may not be aware that the trace debug utility is available on IPSG as well.
219024	Y	3	MASP needs to be rebooted in order for the OAM to report or clear a UAM related to corrupted DB	The alarm remains present even after the condition is cleared until the MASPs are rebooted.
219115	Y	3	Minor updates regarding ANSI Random SLS feature are required in Eagle customer manuals	There could be some confusion on how to use the Random SLS feature.
219443	Y	3	Update required in Unsolicited Alarm and Information Messages Manual for UIM 1258	The UAM/UIM Manual does not give all the reasons that the alarm can be generated. Adding the additional reasons to the manual could make troubleshooting easier for the customers.
219589	Y	3	Modification required in System Health check procedure (909-0656-001, rev P)	Output is not displayed to indicate that the command has completed. There are other checks to accomplish this. To workaround this, ignore the second check box in Procedure 19, Steps 13 and 29.
220499		3	After booting STC cards "Module ath_ert.c Line 743 Class 01c3 Severity 1" is observed.	
220983	Y	3	Inhibiting a terminal on which a command is in progress causes uias_msg.c Line 2160 sev-1	Customer may think there is a software issue when everything worked as expected.
221429	Y	3	REPT-STAT-IPTPS may display wrong linkset MAXTPS if more than 1 links of the IPSG linkset configured on a ENET-A card	If a whole IPSG linkset is configured on a single E5-ENET-A card, then REPT-STAT-IPTPS may report total MAXTPS for the linkset up to 6500 TPS (without the IPSG High-Throughput feature enabled in the Eagle) OR up to 9500 TPS (when the IPSG High-Throughput feature is enabled), whereas the maximum throughput of the E5-ENET-A card is 5000 TPS. Hence the linkset is reporting a max throughput which it cannot achieve in any scenario. It is also observed that this impacts proper reporting of UAM 115 if the linkset "TPSALM" parameter is set as "maxslktps". In this case, the Eagle will not raise UAM 115 at the expected linkset bandwidth usage.
221441	Y	3	Table 53 ("SCCP System Alarms") in UAM Manual needs to be updated	The alarm Table 53 is not correct.
221499	Y	3	Missing HW requirements under MFC.	Customer could turn on the MFC feature with unsupported cards and leave it this way. This could cause problems in heavy load type conditions.
222082		3	Module ecc_r2.c Line 389 troubles congest the terminal	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
222336	Y	3	For OAM based measurements, turning on any unsupported feature disables hourly collection for ALL features	For OAM-based measurements, turning on any unsupported feature disables hourly collection for ALL features. As this is not mentioned in customer docs, there is no way the customer could know this.
222496	Y	3	Eagle rejects IPSG HT feature turn off command if sum of the MAXSLKTPS of links on a ENET-B card is greater than 6500	The operator cannot disable the IPSG High Throughput feature unless the aggregate of MAXSLKTPS for a hosted card is less than 6500 TPS.
222877	Y	3	Doc PR: DACT-IP-LNK commands should not be used as normal link maintenance commands	Unlike the other dact-/act- link commands, these commands actually turn off and turn on the IP interface hardware (other dact-/act- commands simply are software inhibits that do not power down hardware). These commands have some serious timing consequences/limitations. These commands are meant to be used for Debugging purposes only.
223035	Y	3	Updation required in command manual for type parameter of ent-card command	None - information will be easier to locate if it is alphabetical.
223039	Y	3	Incorrect MTT E5123 for an ITU linkset with SAPC configured	Customer will not be able to make required GTT selector configuration for FLOBR linkset based routing for all the different ITU domain MSUs received on an ITU linkset with SAPC configured.
223264	Y	3	Correction required in Hardware manual(910-6263-001)	Could be some confusion to the card that is being described due to incorrect reference.
223384	Y	3	Active E5-OAM card booted with ath_vxw_mgr Obit after INIT command for MCP cards	The OAM may obit if both MCPs were booted at the same time the OAM is generating UI measurement reports.
223768		3	Commands Manual changes for Eagle 44.0 PR 214028 are incomplete	
223871	Y	3	G-Port manual needs to be updated to include MSRN and SRI_ACK encoding rules.	Manual does not have any details about MSRN and SRI_ACK encoding when the feature decides to generate a SRI_Ack response. This may make it harder for the customer to know how to use the feature.
224153	Y	3	MAP Screening Flow Chart (Figure 13) in Features manual needs to be corrected.	Incorrect figure could impact GSM understanding.

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
224199	Y	3	Doc PR - MTP MAP screening may replace OPC of the MTP routed messages with SPC even when messages pass MAP screening	MTP MAP screening may change the OPC of SCCP network management messages which may cause SCCP subsystem management issues in the network nodes. This may result in network issues if the customer is not aware of this.
224705		3	during upgrade MCPM cards obit'd with Module emm_mcp.c Line 1055 Class 6601	
224713		3	Module mc60_lnp.c Line 1607 Severity 1 during upgrade	
225347	Y	3	set-time command causes Obit on SCCP cards	SCCP cards may boot after execution of the set-time command. Avoid using the set-time at the top of the hour, i.e.: time=XX00 should be avoided. Two minutes before or a minute after is okay.
225803		3	HW baseline in 44 docs wrong release for 870-2903-02 E5-MCAP	
226040	Y	3	Update required in Commands Error Recovery Manual for error 3726	ent-card & ent-slk can generate the E3726 MTT, but the CER Manual does not address those commands for this MTT.
226202	Y	3	Doc PR - Hardware Manual - Extra push button near SW2 on E5-MASP 870-2903-02	Customer may not understand of the purpose of the new push button on the E5-MASP card.
226374		3	Commands Manual: Information for the sctp command refers to non-existent underlined text	
226587	Y	3	Doc PR - Measurements Platform is not mandatory to enable MTP MAP Screening feature	The customer documentation needs to clarify that the measurements platform is required to get measurements for the MTP MAP Screening feature. The feature will otherwise function without the measurements platform.
226671	Y	3	Doc PR - Card FCS state remains OFFLINE and the state of FCS ports on the card is OOS-MA/UEQ	Customer docs are not explaining a scenario in which a card's FCS state remains OFFLINE and the state of FCS ports on the card is OOS-MA/UEQ. This status can confuse the operator as he may think that the Fast Copy is not getting allowed on the card due to a connectivity problem between the Eagle Fast Copy cards and the PIC system.
228677	Y	3	Rept-meas command for MTCD-NP report is getting rejected with MTT E3631 though 'TIF Range CgPN Blacklist' feature is enabled	Rept-meas and rept-ftp-meas commands to generate MTCD-NP and MTCH-NP reports for the TIF Range CgPN Blacklist feature will not work if no other features that support these reports are enabled in the system.
228816	Y	3	Modification required in customer documents(Alarms Manual and IP7 Database Admin)	DAVA is incorrectly explained. It should be defined as Destination Available.

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
229082	Y	3	Update the limitation in Commands Manual for on=mfc option	Need limitation noted so MFC is not turned on when it should not be.
229205		3	FAP Upgrade Kit Part number correction	
229432	Y	3	description and example of UIM 1417 is incorrect in Alarm Manual(910-6676-001 Revision A)	May be confusion on the UIM as the manual has the wrong description and actions.
229565	Y	3	Add a note in the commands Manual for dlt-ip-host command	Customer may not realize that by deleting a remote host, they could keep the association from recovering on failure.
230229	Y	3	chg-ppsopts command causes the CRNT DB on both MASPs marked as corrupted	UIM 1188 is reported, GTT Subset is marked corrupted and the customers would see DB corruption alarm although there is no DB corruption. However this may cause confusion as it will be difficult for customers to determine whether corruption is genuine or false. As a workaround, any DB update command that updates a table under GTT subset should help to clear the corruption as it will recalculate the checksum for GTT subset and update the reference checksum.
230369	Y	3	mactype parameter of chg-ip-lnk command does not support 802.3	Supported range value (802.3) of mactype parameter is getting rejected.
230486	Y	3	UIM 1072 example is incorrect in the Unsolicited Alarm and Information Messages manual	Obsolete UIM 1072 example is shown in the Customer Document.
231649	Y	3	E5-ATM-B is missing from limatm range of type parameter under ENT-CARD command	Customer may not be sure that the E5-ATM-B card is supported by the ent-card command.
111433		5	Eagle E5-OAM SNMP Support	
152800		5	G-Flex MLR Support for Additional OpCodes	
194598		5	Optional SCCP conversion for ITUi to ITUn and for ITUn to ITUi	
194992	Y	5	Adding optional parameter for ping command for pinging with DF bit set	
202967		5	Eagle: EIR Expansion from 50K to 100K	
202970		5	Hardware Maintenance Phase for IPSM (870-2371-xx)	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
202975		5	Hardware Maintenance Phase for EAGLE TSM cards (870-1289-xx used for Gateway Screening)	
203153		5	1M TPS/Node (HIPR2)	
203304		5	ITU/ANSI Conversion SLS Enhancement	
206813		5	EPAP: 120M DN and 120M IMSIs via split database	
206814		5	E5-APP-B	
206888		5	Init-Flash command needs enhancement for faster downloads	
206921		5	NPP Enhancements: More NPP Formatting Actions for the INP Routing service part of IDP Relay	
207024		5	Enhancement to GSM ATI Query	
208503		5	Hardware Maintenance Phase for EAGLE EDCM cards (870-2372-xx used for SIGTRAN)	
209201		5	Update to Frame Power Budget feature	
209466		5	Removal of obsolete parameters from ENT/CHG-NPP-AS commands	
211460		5	Current Flash programming scheme doesn't work with the new Flash device on HIPR2	
212281		5	CHANGE LED's on HIPR/HIPR2 whend the BUS is Inhibited (make it visual)	
212466		5	Eagle SIP NP	
212869		5	Allow provisioning/reserving of space for the E5-APP-B in an EAGLE slot	
214713		5	Unmate IP Security for terminal and Measurements	
214857		5	Enable ent-card for E5-APP-B to specify "application type" and "server name"	
215131		5	ENH - TST-IMT command to allow for skipped shelves in the Eagle Lineup	
215426		5	TIF Selective Screening	

Table RN-4. Resolved PRs for EAGLE 45.0 Build 45.0.0-64.70.31 (8/30/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
215441	Y	5	Increase IP-RTE table in Eagle to 2048 entries minimum	
216266	Y	5	change Sev-1 from module sctputil.c (Line 5686) to a UIM	
216417		5	Measurements Recovery Support	
216583		5	Eagle - Dual ExAP Configuration	
216690		5	ANSI/ITU SCCP Conversion enhancements to make conversion of CgPA optional when crossing ITU-x domains	
216908		5	Eagle eyes implementation on E5-ATM and E5-E1/T1 cards	
218296		5	R45: Trace command needs to be updated for RADNSLS values.	
218498		5	Hardware Maintenance Phase for OAM cards (TDM, GPSMII, MDAL)	
218688		5	R45.UpgEnhance.002: Replace Phase 2 conversion with DMS repair-style method.	
218689		5	R45.UpgEnhance.003: Implement faster disk-format for the Sata Drives on the E5-OAM	
219343		5	Add shelf FAN bit check for FAN required cards.	
219381		5	Allow ANSI GFLEX to co-exist with other EPAP-based Services	
223041	Y	5	FLOBR linkset based routing on service relayed MSUs which cross inter ITU domain during relay service processing	
226548		5	13.6k TPS support for E5-SM8G-B Service Module cards	

Table RN-5. Resolved PR for ELAP 10.0 Build 100.17.0 (7/03/13)

PR	CSR	Sev	Title	Customer Impact
206893	Y	2	Banner message on ELAP 9.0.1 shows as 9.0.0	Improper version displayed in the GUI.
129734	Y	3	Active ELAP reboots when failover	the impact is that in the period of time while server A is rebooting, you will not be able to fail back over from B -> A. This error occurs infrequently.
164666		3	ELAP 9.0 [PR122479]:ELAP having incorrect behavior for "User Account Idle timeout".	
166078		3	ELAP9.0_SYSTEM_TEST: localhost IP is getting set in platcfg when we remove NTP server using elapconfig on ELAP	
167357		3	ELAP9.0_SYSTEM_TEST: ELAP Admin Manual doesnot have Audit, Bulkload alarms	
205059	Y	3	User not logged out after a forced password change	Every time a user's password changes, the user will be locked out until the admin kills the session or the session times out.
209818	Y	3	The eagle_alarm_util in ELAP8 is causing core files.	The alarm utility would shut down and restart, leaving a core file.
209878	Y	3	Memory leaks in ELAP_9 code and prov core files.	Poor system performance.
209817	Y	5	The eagle_alarm_utility in ELAP is not logging many important messages to the logs.	
210386	Y	5	ELAP Logging Enhancements	
211680		5	ELAP on E5-APP-B	
215422	Y	5	ELAP - Redundancy for Synchronization Network	
219445		5	"Configure DSM Network" are taking same IP addresses	
221465		5	E5-APP-B Based Open Systems Products will only support Internet Explorer 8.0 & 9.0	
221881		5	No tool tip present on modify defaults screen	
222811		5	Provisioning restrictions on ELAP based on the configured quantity	
223991		5	Some platform alarms are not seen on the ELAP banner.	

Table RN-5. Resolved PR for ELAP 10.0 Build 100.17.0 (7/03/13) (Continued)

PR	CSR	Sev	Title	Customer Impact
224442		5	Caution missing from Reboot MPS option in elapconfig menu	
225984		5	Remove Sabul source from SCCPHC GPL and source code repository	
225999		5	Need to remove or replace GUI GIF images that are either unused or unlicensed.	

Known PRs

Table RN-6 on page RN-26 lists Known PRs for Eagle 45.0

Table RN-7 on page RN-45 lists Known PRs for E5-MS 45.0

Table RN-8 on page RN-49 lists Known PRs for EPAP 10.0

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

Table RN-6. EAGLE 45.0 Known PRs (2/4/14)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
209808		2	Resolved	Defer	cards reporting ddl noxld, ddl unstbl, status and ddl_mgr sev 1 during loading	This problem occurs intermittently (and not always) on a large system after an init-sys command is issued. Problem identification: The state of the application cards (not all) remains "IS-NR DDLunstbl", and can be seen using the rept-stat-card command. The problem can be rectified either by re-issuing the init-sys command or manually initializing the OOS cards in case traffic has started running on the In-Service cards.
225504		2	Resolved	Defer	R45:STC card booted on Module ath_vxw_orpt Line 232 Class 01c3	If monitored links on multiple cards (3 or more) start to bounce, the STC card hosting the return route from the IMF to the network card can congest and boot.
226479		2	Resolved	Defer	R45: MSU loss observed during changeover due to remote link failure on Inter Eagle LInks.	If there are multiple link failures in a link set at the same time, it may be possible to lose some traffic.
230601		2	Resolved	Defer	R45_SIP:SIP card hanged at 2K CPS after few hours of run.	The SIP card will be unresponsive to new traffic and have to be booted to recover.
231077		2	Resolved	No-Fix	R45_SIPNP: SIP card boots on Module ath_vxw_mgr. Line 1743 when we are deleting last connection.	No traffic impact (alarm only).
158137		3	Resolved	No-Fix	Cannot provision MGTT data in GTA entry for SCCP Conversion - it demands AMGTT!	Customer can not change the GTI unless AMGTT is on.
159455		3	Resolved	No-Fix	scm_oamhc.c Line 627 from warm restart	The standby OAM may not get updates of persistent device states on large system. This situation is avoided if both OAMs are not booted at the same time.
159848		3	Resolved	No-Fix	Certain encoded characters causes serial terminal to lock-up	Certain encoded characters will cause serial terminal to lock-up. This does not affect any of the other serial terminal interfaces, only the one in which the invalid character was entered. For KSR terminals, disconnect the terminal session and re-connect the terminal session. For VT320 terminals, pressing 'F11' re-establishes the terminal.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
161779		3	Resolved	No-Fix	IPSG_PPI:2 severities "ecam_utl.c" and "gpluoam2.c" are observed during upgrade from Rel 41.0.1 to 41.1.1.	Troubles generated during the format-disk portion of the Upgrade when the active MASP was attempting to read the System Release table on the standby. No upgrade impact.
163991		3	Resolved	No-Fix	dmshc_lock.c Line 0455 ATH during OAMHC-to-MCP transition	Potential loss of measurements data if a collision occurs between measurements and table copy.
163991		3	Resolved	No-Fix	dmshc_lock.c Line 0455 ATH during OAMHC-to-MCP transition	Potential loss of measurements data if a collision occurs between measurements and table copy.
165295		3	Resolved	Defer	IMT MSU retransmission (BICC causing MSU flood)	Little real system impact other than clouding IMT debugging.
165296		3	Resolved	No-Fix	IMT MSU retransmission (Meas. Platform causing MSU flood)	Potential excessive IMT traffic. Issue was only seen on one site.
165732		3	Resolved	No-Fix	Meas hourly processing not completing properly	Customer is able to retrieve hourly reports after hour ends, e.g., the 0100-0159 report will be available after 0300. The data is complete and accurate, just not available as timely as it should be.
166606		3	Resolved	Defer	Module trp_tbl.c Line 1133 Class 01c3 Severity 1	A Sev1 ATH is generated by the TRP module when the Ethernet interface goes down.
167776		3	Resolved	Defer	SSP report issue for ITUN PC's form MCP and OAMHC	The MCP and OAMHC SSP report formats will differ for the ITUN PCs. The MCP report uses the 14-0-0-0 format, but the OAMHC report uses the 3-8-3 format.
168022		3	Resolved	Defer	Missing output terminal messages... Missing/Partial echo messages (E5-OAM and Legacy OAM)	Loss of some output on terminal.
168336		3	Resolved	Defer	MCP Meas:15-min on demand report generated during 2nd and 4th quarter hour LAST period is not correct.	When the 15 minute measurements feature is on, on demand reports for the xx15 and xx45 periods cannot be generated. The reports are generated correctly when scheduled. This problem is limited to E5-OAM Integrated Measurements; MCP is not impacted.
168529		3	Resolved	Defer	TST-IMT command is inconsistent across releases & requires multiple interruptions of the bus.	The new test requires that the bus be taken down twice instead of once as with the prior test. The old test is no longer the default. A new parameter for type was added.
168766		3	Resolved	No-Fix	rept-int-info has duplicate fields in report	No operational impact.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
168784		3	Resolved	Defer	IPGWx: Only 1 AS goes active when a mismatched RC received and assoc is prov in multiple AS'es with no RC	If the customer does not provision the routing context or there is no routing context to match the far end, not all associations will go to an inservice state. Provisioning to match the far end will address the issue.
168890		3	Resolved	No-Fix	os_utl.c troubles pouring out after chg-db:action=backup command	The backup is not impacted. This only concerns the GPSM/TDM/MASP cards which are going Hardware Maintenance in EAGLE R45.
168961		3	Resolved	Defer	smrg_utl.c Sev 1 during daily UI reporting	Sev 1 ATH is only impact. No adverse impact to measurements functionality or reliability
192796		3	Resolved	Defer	IMTPCI Level 1 stats: implementation missing	The IMTPCI GPL is currently missing: <ul style="list-style-type: none"> - Rx Inv Len - Large Pkt Error - CPU Rx MSU FIFO Full - CPU Rx LSSU FIFO Full - CPU Rx XSU FIFO Full - CPU Rx ASU FIFO Full This could make it slightly harder to diagnose an IMT problem.
195668		3	Resolved	No-Fix	R43.0:Severity 1 "ecam_utl.c "& "gpluoam2.c" are observed during full upgrade from Rel41.1 & Rel41.0 to Rel43.0	No system impact since GPL audit is suspended during upgrade and these troubles are caused by an audit message being 'stuck' in the DMS queue while the format-disk operation is in progress.
198267		3	Resolved	Defer	Eagle generated Module tks_time.c Line 927 Class 6000 Severity 1 when FTPing files	A timer(on the OAM) times a response from the FTP_TRNS task(at the IPS card) indicating the reachability of the FTP server from the IPS card. In the current scenario, the timer is not started in the state machine of the FTPT task. When the IPS card responds (PASS/FAIL) to the FTPT task the timer is stopped (which causes the said Sev1 in the PR) and the command proceeds. However, if accidentally the IPS card boots and fails to respond to the OAM, the FTPT state machine can get stuck in its current state, awaiting a response from IPS, affecting further FTRA File retrieval operations.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
198394		3	Resolved	Defer	Eagle generated Module imte_err.c Line 7732 Class 01c3 Severity 1	The IMT_Rx_Packet_format_Error stats for HIPR Hourly Buckets A and B are off by one count. In this case the Cumulative stat value is one more than the Hourly stat.
198435		3	Resolved	Defer	Module t4b_bm.c Line 434 Observed on VSCCP Card after INIT-CARD	Card may take a few minutes longer than normal to come back up after initialization.
198490		3	Resolved	Defer	hw_ixp1200_c Line 1653 Class 01cf Sev 1 with ath_vxw.c obit from the APPL side on VSCCP card	Card may take a few minutes more to recover after using init-card than would normally be expected.
198850		3	Resolved	Defer	E5ENET - rm_rte.c Severity 1 reporting frequently	This is an indication that the linkset ID being checked for circular routing is invalid. Since the traffic is allowed to continue processing, there is no operational impact. However, Tekelec should be contacted to determine why the linkset ID is invalid.
198905		3	Resolved	Defer	During upgrade, VSCCP cards booted with Module itx_mgr.c Line 909 Class 0065	The COM side reports an obit occurring at the time when the card is already booting. There is no adverse effect to the flashing operations.
199652		3	Resolved	Defer	DCLRFAIL register was pegged to MMR due to 'COO' - Changeover order	ATM links will report MMR rather than COO for a changeover order link state. The protocol works correctly.
199920		3	Resolved	Defer	DDL and SS7_LP Out of Resources Obit on SCCP card following a cold boot	Card may boot twice when trying to come into service.
201334		3	Resolved	Defer	R44_E5E1T1B:Severity 1 Module meau.c with 32 links on E5E1T1-B card	A series of Sev 1s indicating an invalid disk access. No meas data is lost, and the meas report is complete.
202151		3	Resolved	No-Fix	Flash operation fails due to excessive time writing data to the CF	The flash operation on the card must be re-attempted. If the problem is observed during Upgrade, the flash operation has to be manual.
204371		3	Resolved	Defer	Getting sev 1 from bndr and DB-timeout alarm during copy-disk/copy-tbl cmds and when database is in DB-DIFF/Incoherent	All of these scenarios (Download request while E5 OAM has disk-lock, db incoherent or db-diff) are negative scenarios. Once the initial failure is correct the GWS will be loaded.
205113		3	Resolved	Defer	Alarm "333 DPC Subsystem Normal" is not occurring when ssn is configured and route comes to allowed from prohibited state	DPC 333 clearing alarm is getting missed, but the SSN, DPC and route status are correct.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
205625		3	Resolved	Defer	R44:FTRA4.4 -Mismatch in DBTIME parameter value	No operational impact. Only the DBTIME value is incorrect in the CSV output. This is true for all CSV files. The data is correctly displayed.
206610		3	Resolved	Defer	R44:FTRA4.4 - Mismatch of numentries values in rtrv-tt and the actual values present in CSV file	The incorrect value of NUMENTRIES field in CSV output of rtrv-tt command may cause confusion to the user. As a workaround, user can see the GTT Selector entries in rtrv-gttset output.
207178		3	Resolved	Defer	tDms can page fault when a card is shutting down	Nomally none. However, the card could lock up and require physical reseating.
209229		3	Resolved	Defer	Eagle 44.0-E5SM4GB : Module trp_tbl.c severity observed while physically remove cable from port "A" or "B" E5-SM4G B card.	A severity 1 ATH is observed when Ethernet cable is removed from either port A or B from an E5-SM4G-B card. There is also the obvious impact of losing the connection to the ELAP the cable was providing.
209337	Y	3	Resolved	Defer	R44_SLAN-MFC: SEV1 Module meascdwr.c on Active E5-MASP	5-minute measurements could possibly be impacted
210261		3	Resolved	Defer	R44.0_Mobr-E:Exception routes being provisioned without the route key on IPGW links.	If the routing key for a DPC is not provisioned, the route to the DPC via IPGW link is marked as prohibited and the alternate exception route (or direct route) is used.
210290		3	Resolved	Defer	R44_SLAN-MFC :with two slan cards and SSEDCEM (IPLIM) card as receiving client card SLAN traffic is restricted below its CAP.	UAM does not provide all details correctly. However it does provide the information and alarm for the dropped packets for SLAN.
210549		3	Resolved	Defer	Rel44.0_STC_ENETB: Rept-stat-card:mode=full:loc=<lim> incorrectly shows 'D' for TVG stats when all STC cards are inhibited.	There may be some confusion as to why TVG stats for EROUTE service shows 'D' (Deny) when there are no service cards. Correct information can be retrieved by other commands (e.g., rept-stat-slan, rept-stat-mfc, etc.).
211236	Y	3	Resolved	Defer	No UIM when oversize (non-BICC) MSU received on a M2PA link.	System is working correctly. However, this problem makes it difficult to determine why the link went down if the far end does not follow the protocol correctly.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
211271		3	Resolved	Defer	R44_IPSG_HT:Command rejected when we are trying to change the card type from enet-b to enet having 4 LS's.	Customer will rarely require downgrading the card from enet-b to enet. If the card is to be downgraded and the sum of maxslktps exceeds 5000, use workaround below to change the card type. Change the maxslktps of all linksets which have provisioned links on that card such that the sum of maxslktp becomes less than or equal to 5000. After that, change the card type from enet-b to enet using the command: chg-card:loc=<loc>;type=enet Again set the maxslktps of linksets to desired value.
211288		3	Resolved	Defer	False alarm - UIM 0096 CARD 1211 SCCPHC "Card has been reloaded"	The system falsely indicates a card reload. This may divert concern from the fact the system operating environment is outside of recommended range.
211431		3	Resolved	Defer	IMTPCI - microcode not counting all MSU's for MFC	MFC counts could be slightly off at very high traffic levels. No operational impact.
211769		3	Resolved	Defer	rept-stat-mfc doesnt show the card in its output if the card is crossed level1 temp	rept-stat-mfc command is not showing the correct status or statistics of a card which is in IS-ANR state because of Level 1 temp threshold crossing. So if problem with MFC occurred during this condition, troubleshooting would be harder. NOTE: Correcting the temperature problem should be the first priority.
211836		3	Resolved	No-Fix	R44_IPSG_HT: ENETB IPSG card deactivate copy function when Bi-directional traffic of around 5600 TPS is running on that card.	Customer documentation is updated with the card capacity figures. No other impact.
211874		3	Resolved	Defer	Misleading MTT Error "E5279 Cmd Rej: MEASPLAT or Integrated Measurements feature must be ON"	Customer may be confused regarding the required prerequisites for the command option to work.
212095		3	Resolved	Defer	Rel_44.0_MCPHC:- SEAS measurement reports don't match the Eagle Measurement reports.	There is difference between GR_310_CORE and what the EAGLE provides via SOIP. However this is the same content as previous releases.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
212724		3	Resolved	No-Fix	Severity "Module mfcfcmgr.c Line 2968 Class 01c3 " observed on LIM and E5-SM4G B cards.	No direct impact apart from a potential O&M (or logging) impact.
213306		3	Resolved	Defer	Remove MFC Transition timer during ADL Load for MFC MTP3	None.
213583		3	Resolved	Defer	HIPR and HIPR2 - rept-imt-lvl1 - bug in the MUX part of the report	The MUX stats that are displayed by the rept-imt-lvl1 command get cleared on the hour instead of only when the clr-imt-stats command is issued. Observe the stats frequently to learn if the fields are being incremented.
213606		3	Resolved	No-Fix	Rel_44:IPSG:-while executing multihoming scenario on IPSG E5-ENET-B card, congestion and MSU discards are observed.	When exceeding the advertised performance limits of 120 ms RTT with high traffic rates and if a network fails/is restored for a multihomed association, traffic loss can be experienced.
214270		3	Resolved	Defer	Rel_44.0_STC: Copy function gets de-activated/activated on IPGW cards when an IMT failure is produced in EAGLE.	Small amount of STC traffic loss can happen when substantial traffic load is running and one IMT bus fails.
214323		3	Resolved	Defer	R44_STC:Traffic is not getting copied to the IMF server after booting one of the two server cards.	If traffic on one or more STC cards is running beyond 110% of their advertised capacity (and overall used capacity is below 100% of system capacity), and one or more servers boot (causing overall system traffic to go above 110% on the remaining STC Cards), then fluctuation is observed even when the booted STC cards come up. System traffic does not restore to normal state and will observe fluctuating STC traffic even when capacity is available. To recover from the problem, one will have to wait for the the traffic to reduce to below 80% of the advertised traffic capacity for STC card(s), or add EROUTE cards to increase EROUTE capacity so that less than 80% of advertised traffic capacity is used.
214402		3	Resolved	Defer	High number of UPU cause a loading SCCP card to boot	SM4G and BPSCM SCCP cards could reboot under extreme conditions of subsystem status changes (over 1250 per second).

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
215214		3	Resolved	Defer	R44_STC:Sev-1 trp_tbl.c Line 1213 and traffic loss observed while switching the copied traffic from one network to another.	There may be traffic loss if the IP networks between the IMF and EAGLE have failovers.
215217		3	Resolved	Defer	R44_STC:Obit adl_mgr.c Line 913,Sev-1 iplk_com.c Line 188 and iplk_utl.c Line 751 and 1309 observed.	Changing the PVN through the chg-netopts command will cause Sev 1s to be reported on E5-STC-B cards. Initializing these cards next will cause adl_mgr.c obit but the card(s) will load and become IS-NR after the obit and start functioning normally. There is no other impact. To avoid the troubles and the extra obit, inhibit the E5-STC cards before changing the PVN and then allow the cards after the PVN is changed.
215527		3	Resolved	Defer	Rel44_E5ATMB:- E5-ATM (EPM A) card Boots with pmtc_mgr.c Obit	It would take extreme traffic overload with MSU sizes around 27 bytes to see this case. This is unlikely to be seen by customers.
215664		3	Resolved	Defer	Rel44.0_E5ATMB:- Lim(s) have been denied SCCP service observed on E5ATMB card	The GTT traffic on an ATM card would have to average 36 bytes or less and exceed 8000 MSUs/sec to hit this condition. So it is highly unlikely for this condition to occur with valid traffic at a customer site.
215787		3	Resolved	Defer	MMI terminal truncating the hourly reports	The serial terminals will potentially not display the entire hourly reports under heavy UIM/UAM conditions. The Telnet terminals do not exhibit this issue.
216145		3	Resolved	Defer	ddb_mtp.c Line 1402 Class 0001 Severity 1	This only occurs as the extreme upper end of performance (with the smallest size MSUs). If MSU size is increased, this issue is not seen. This makes it highly unlikely to occur in the field.
216168	Y	3	Resolved	No-Fix	Copy-disk fails in Eagle 43.0.2-63.65.1 with mixed mode OAM	None as E5-MASP replacement is only allowed to be performed by Tekelec. Only 43.0.2 is affected.
217645		3	Resolved	No-Fix	From OAM: Module scm_mfc.c Line 392 Class 01c3 Severity 2	No customer impact. Debug messages are for trouble-shooting and shall not be activated by customers without Tekelec assistance.
218985		3	Resolved	No-Fix	Sev-1 mfctmutl.c Line 770 Class 01b1 received from E5E1T1 card during upgrade Phase 3	No traffic impact, just O&M.
220521		3	Resolved	Defer	1115 Module scm_leng.c Line 793 Class 0001 Severity 1 generated during upgrade	The customer may see Sev 1s if SEAS reports are turned on during upgrade.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
221301		3	Resolved	Defer	R45:Incorrect 'Reserved for National Use' val for ServiceRelayed MSU processed by SCCP Conversion,GTT action and EGMS	The service relayed MSU generated after performing MAP screening will have NI same as translated MSU NI in case of CNVCLGITU=OFF.
221330		3	Resolved	Defer	R45_SNMP:Severity 1 iplk_utl.c Line 1404 observed on E5MASP card.	Customer may see a few troubles when card is first loaded, or if the dack-ip-lnk command is used for debugging the system.
221332		3	Resolved	No-Fix	R45_SNMP:Complete UIM text not being displayed on the NMS	Only a few UIMs would be impacted. All necessary information to troubleshoot the issue is available.
221437	Y	3	Resolved	Defer	Severity of UAM 329 needs to be changed to minor and should be raised only if at least one IS-ANR SCCP card in the system	UAM 329 is never getting reported under rept-stat-trbl or rept-stat-sccp commands when there are IS-ANR SCCP cards in the Eagle.
222065	Y	3	Resolved	Defer	Need to make Clearing alarms for "XXXX capacity normal, card(s) abnormal" Minor alarms instead.	The display of alarms for the various subsystems is inconsistent with respect to alarm levels.
222067		3	Resolved	Defer	SCCP Service Subsystem Cards Abnormal alarms need to be consistent	Alarms displayed for the various systems are not consistent with respect to level, e.g., major, minor, etc.
222942		3	Resolved	Defer	R45_1M_TPS:rept-stat-iptps cmd o/p not showing correct traffic counts and fluctuating when running high traffic.	This issue is observed only on an unstable system with a large number of UAMs/UIMs/ATHs from the application cards. During this condition rept-stat-iptps could show 0 instead of the correct value.
223142		3	Resolved	Defer	EOAM boots every 30 mins with Module ATH_386A.ASM Line 1012 Class 040d obit	If a customer turns on measurements platform, measurements are turned on, and there are no signalling links provisioned, then the E5-OAM will boot. The work around is to build a signalling link. The link or card it is provisioned on does not have to be active.
223158		3	Resolved	Defer	Module mftp_mgr.cpp Line 338 Class 01d0 Severity 1 is observed.	Sev 1 when using the Meas Reset pass command. No adverse impact.
223196		3	Resolved	No-Fix	'-' option in meas pass command is not listing the files residing on the FTP RAM disk.	No impact. Debug command only which has a different output against MCPM cards than against E5-MASP cards.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
223227		3	Resolved	Defer	R45: CCGT=YES not implemented correctly for CNCLGITU=ON in GTT Action leg	The Forward/duplicate MSU generated will have the CGPA GT information present (TT, GTA) though CCGT is set to Yes which is not expected. Translated MSU generated will have CGPA GT information as expected.
223271		3	Resolved	Defer	R44.0.3_MR: Incorrect NUMENTRIES in rtrv-measopts CSV generated by FTRA	The NUMENTRIES displayed in CSV may be off by one number.
223452		3	Resolved	Defer	Continuous scm_hw.c Sev 1 reports	No adverse impact to system operations other than a Sev 1 every 15 seconds when the wrong card is used. The user could stop these nuisance Sev 1s multiple ways: - Insert the correct card type for the provisioning. - Remove the card/link provisioning for the offending card. - Remove the offending card and perform an OAM switchover.
223456		3	Resolved	Defer	120M EPAP Record Specific Rules & Notes Section Relocation	The "120M EPAP Record Specific Rules & Notes" section in the EPAP Alarms and Maintenance on the E5-APP-B Platform manual seems out of place. It would be better if it were located in either the PDBI or the EPAP Administration Manual.
223479		3	Resolved	Defer	R_45:In secured mode with security parameter ON, Measurement file gets transfered even when path differ	The files are transfered to the directory by using the forward or backward slash matched to the OS.
223646	Y	3	Resolved	Defer	TTR test msg tool – BCD CdPN TON to NAI conversion is not done for CAP messages before CGPACCK check	Impact is only for TTR test tool. There is no impact on the real traffic.
223833		3	Resolved	Defer	R45_ExAP: Error counters for REPT-STAT-SCCP are not being incremented when UIM 1074 is displayed	In the case the MSU lands on an unsupported SM (like EPAP MSU on ELAP/GTT card), The 30 sec feature specific stats in rept-stat-sccp will not be updated. These stats can be collected through measurements and similar information can also be gathered from instances of UIM 1074

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
223919		3	Resolved	Defer	R_45.0 SURV: SCCP EPAP data cards did not change to DB_DIFF state when 240M Split DB FAK is turned ON	The customer would not see the Associated state of DB_DIFF if the critical "90% full" database alarm is present when either the Database went incoherent or the "Database Split" feature was activated. Note: The "Database Split" feature turn on procedures call for each card datatype to be changed from "COMB" to either "DN" or "IMSI", and reload. The db-diff in this case is just a safety reminder in case the user does not complete that process.
224272		3	Resolved	Defer	R45_ST: Severity 1 Module ftpt_mgr.c Line 2208 Class 01c1 5-10 minutes before terminal disconnect	The timeout is an expected occurrence if the server disconnects after the act-ftp-trns command is started. The trouble is just indicating this timeout has occurred.
224373		3	Resolved	Defer	R45_ST: Incorrect header field in CSV file for rtrv-srvsel	Output label is incorrect. Should be "GTIA" and not "GIA". Output is otherwise correct.
224496		3	Resolved	Defer	R45:init-flash command failed to flash BLMCAP cards from 134-055-000 to 090-056-000 and vice versa.	If the card boots while the CPLD is being updated after a new flash image is transferred to the card, the CPLD can be left partly programmed and the card will not come back in service. The window of opportunity for this situation to happen is very small, and would require a second fault.
224565		3	Resolved	No-Fix	R45_ST: E5-SM4G/DSM4G cards taking excessive time for reloading db from ELAP 7.0	SM card reload may take a long time. Reload times are improved in the recent ELAP releases.
224642		3	Resolved	Defer	SCCP Class 1 traffic not being paced or flow controlled when sent to originating LIM	In a mix of class 1 and class 0 messages, a card may be overwhelmed by class 0 message routing (Refer PR 224591). Not pacing Class 1 traffic will just add to the problem. In extreme cases the card may boot.
224684		3	Resolved	No-Fix	R45_ST: OAM IP Security feature status change is allowed even when IPSM not inhibited	Current error message indicates what actions need to be taken. IP Security options need to be modified with IPSM card inhibited. No impact.
224688		3	Resolved	Defer	R45_ST: Module seci.c Line 523 Class 01d8 Severity 1 on IPSM card	Sev 1 ATHs flood the UI and then the IPSM card boots. The card returns to normal function after the boot. Note this problem has not been recreated after the 2 times seen in the lab.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
224738	Y	3	Resolved	No-Fix	Time zone value changed after Upgrade/backout to Release 45 from Release 43	The time zone setting may change during the upgrade to 45 from release 43. This is due to the handling in the 43 SW.
224750		3	Resolved	Defer	R_45: E5-SM8G-B card going in DB-DIFF state with alarm "0034 Card database is inconsistent"	Some commands can be entered while the SCCP card is loading which can cause the SCCP card to go into a DB-DIFF state. In those cases the SCCP card should be rebooted. To avoid this, the commands should not be entered while the SCCP card is loading.
224751		3	Resolved	Defer	R_45: checksum error observed after issuing restore command:	There is relatively no system impact, it's just that after the table was replaced, an audit just happened to check that table before the reboot portion of the restore had occurred.
224779		3	Resolved	Defer	R45: After booting IPSG cards Sev 1 Module scm_utl3.c Line 3977 was generated on E5OAM card.	No effect on operational software. Problem is self-healing and the trouble can be ignored.
224795		3	Resolved	No-Fix	Shelf Fan option remains OFF post intra-upgrade if an E5-APP-B card or Telco Switch is provisioned	OAM impact only, information about fan activation per shelf is incorrect. This upgrade scenario should be limited to a few sites only and a workaround is available (issue a chg-shlf command).
224893		3	Resolved	Defer	The OAM determined that a card failed to load and produces a trouble	A trouble is displayed when an UIM would be best suited to let the user know the card did not load.
224944		3	Resolved	Defer	R_45-SIPNP: Severity 1 "Module SipTU.cxx Line 569 Class 01b4" is observed on SIP card.	Protocol is handled correctly. However this is open to ensure that UIM is added later so user knows what is occurring to help with troubleshooting.
224998		3	Resolved	No-Fix	R_45-SIPNP: In ent/chg/dlt-ip-conn commands, CNAME (connection name) value through help command is displayed as "azzzzzzzzzzz"	No impact.
225041		3	Resolved	Defer	While deleting a SIP card, a SEV 1 is observed from ttg_grp.c line 271	Sev-1 is seen only when there is 1 SIP card in the system and when that card is being deleted.
225101		3	Resolved	Defer	ELAP10.0_ST:In a system 18 E5SM4G cards are not coming up with ELAP 10.0	There may be some troubles output on the EAGLE due to the high buffer usage. However there is no impact to downloading the cards.
225192		3	Resolved	Defer	R45_206814:Dlt-shlf:loc=6200 command shows incorrect MTT E2675.	Error message text is incorrect, but the command otherwise works as intended.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225193		3	Resolved	Defer	R_45-SIPNP: No UIM is displayed on eagle, for truncation of encoded value in contact URI of 302 response.	While the system functions as documented, it would be a good enhancement to have a UIM in case the truncated message impacts a down stream node.
225295		3	Resolved	Defer	R45_SIP_NP: Eagle is sending multiple 302s for the same INVITE.	If the receive traffic is at or above the rated capacity, there may be queueing delays. If the message delay is long enough (timer G), the SIP card will retransmit with a new branchID per protocol.
225496		3	Resolved	Defer	Sigtran measurement peg-SCPPTSNT counts are not reporting correctly as described in TR005822_ver5.2	Abort packets are not included, which could lead to confusion as other tools include Abort packets.
225497		3	Resolved	Defer	inh/alw-imt causing imt utilization threshold alarm with low volume of traffic running	The customer may experience UAM 28 for 5 minutes upon allowing the IMT Bus with HIPR2s at the 1 Gig rate. (Once UAM 28 is triggered, it has a timer so that it persists for 5 minutes before it can be cleared, as long as it is the highest alarm.) This alarm does not cause any system performance issues, it just shows there was a high burst for the IMT Bus Utilization rate for the alw-imt command.
225499		3	Resolved	Defer	shelf provisioned as FPB, upgrade fails with error HMUX card is out of service, rept-stat-card shows HMUX Isolated	This will only affect customers that skip a shelf and replace it with an FPB shelf. The user can delete the FPB shelf, perform upgrade, and then re-provision the shelf.
225619		3	Resolved	Defer	R45_206814:Commands getting rejected while deleting a shelf and configuring the Frame power threshold value for EF04 frame.	The user can not provision the frame power for the EF04 frame if there is no 6100 shelf. Also, to remove a shelf in the last frame, the frame power for EF04 must be deleted first.
225624		3	Resolved	Defer	R45_ST:Incorrect GTT Load sharing due to Mapset with an alternate route to MRN set.	If there is an odd number of PCs in the MAPSET, an extra 1% traffic is load shared to one of the PCs in the MAPSET.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225629		3	Resolved	No-Fix	Rel_45.0_ST:CPU utilization is 93% for E5-ATM card while running SI=5, 20 bytes MSUs at 100% load.	The CPU performance data observed in the PR for 1 erlang traffic with 1 cell MSU size (size < 35 byte) on all 3 links is only applicable for E5-ATM-A cards and is very rare in the customer networks. The potential impact on the E5-ATM-A card is missing some OAM provisioning updates or SNM messages, causing the card to be in an in-coherent state. E5-ATM-B cards offer better performance compared to E5-ATM-A cards for the same traffic profile.
225709		3	Resolved	Defer	Meas hourly collection may hang if no SCCPs are in service	Loss of hourly meas reports as well as inaccurate daily reports. This only occurs if ELAP feature is on and no ELAP SCCP cards are in service.
225748		3	Resolved	Defer	Rel_45.0: Severity 1 Module srvc_utl.c Line 1899 Class 01c3 is observed while executing tst msg cmd for MOSMSNPP/IDPR feature	If tst msg command for MOSMSNPP/IDPR feature is used there may be a sev 1 output. This is the only impact.
225804		3	Resolved	Defer	E5-OAM will not maintain time over power outage	If the customer loses power or removes both OAM cards at the same time, they will have to reset the system time.
225887		3	Resolved	Defer	Rel_45.0_ST:Severity 1 "icmm_mtp.c Line 1047 ", "mfc_mtp3.c Line 2285 ", "mfc_c2a.c Line 411 " are observed.	If running at maximum capacity there could be some troubles output. There is no other impact.
226099		3	Resolved	Defer	R45: Wrong value displayed in the output of RTRV-FRM-PWR command for table capacity.	The table capacity is shown incorrectly. The maximum number of entires is 6 not 10.
226101		3	Resolved	Defer	R45:Wrong value displayed in the frame pwr consumption as well as card pwr consumption field when HIPR2 cards are provisioned	The power budget used for HIPR2 is overstated. The HIPR2 cards actually consume a little less power overall. The error results in the power consumed by the machine being calculated to to be about 3.5 Watts higher per shelf.
226112		3	Resolved	Defer	R_45-SIPNP:SYSTOTSIP register's are not getting pegged, when SIP card is in IS-ANR/MPS Unavl state during cross over time.	Card will not peg measurements when the SIP card is IS-ANR. Since that is the only time this would occur the measurement will be removed.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
226326		3	Resolved	Defer	R45: SNM-DAUD traffic getting dropped while changing the MAXSLKTPS value of a SLK.	The M3UA client will resend DAUDs periodically for destinations it has marked as unavailable in its DB. Thus, if the Eagle (the server side) discards some DAUDs, the client will repoll for updates.
226413		3	Resolved	Defer	Extension Frame EF-01 Numbering Plan Omitted from Hardware manual	Unknown Extension Frame information could cause confusion and mishandling of hardware.
226436		3	Resolved	No-Fix	R45_ST:MTCD-SSP reports on FTP server and FTA area are inconsistent .	FTA reports are no longer to be used. Measurement Platform is available since R31.1
226495		3	Resolved	No-Fix	Rel_45.0_ST: Module tsh_md.c Line 246 Class 6003 Severity 1 is observed if we inhibit/allow any of the IMT bus(a/b).	Impact limited to HMUX LEDs. No other impact.
226575		3	Resolved	Defer	SIP cards are appended to the SCCP application cards during network conversion (Phase 3) portion of Upgrade.	SCCP cards do not upgrade in a way that TPS capacity is above peak TPS. This issue only occurs during upgrade.
226979		3	Resolved	Defer	ATMHC links validation should check 3 Links Per E5-ATM card FAK	Grouping of ATM cards with three links during Upgrade may not be optimal.
227063		3	Resolved	Defer	in phase 3, act-upgrade command attempts to reflash MUX cards if the command is re-entered after failure	May do an extra upgrade of MUX cards causing the upgrade to extend.
227440		3	Resolved	Defer	R45:Rtrv-stp:display=power:frm=cf00 command shows incorrect card location for E5-OAM card.	Location for OAM card at location 1115 will be shown as 1114. This could cause some confusion.
227457		3	Resolved	Defer	MFC SCCP does not use RTDU to validate messages	The customer impact is limited because 1. no functionality on the SCCP is being affected 2. RTDU is being used from SCCP to LIM card (it's just not being used from LIM to SCCP card)
227478		3	Resolved	Defer	none is missing as valid range from E2591 and E2363	Potential confusion due to missing of "none" from valid range of E2591 and E2363.
227487		3	Resolved	No-Fix	R45_ST: Sev1's meap_mcp.cpp Line 3846 and meap_scp.c Line 757 during turning on MEASPLAT	Issue will self-correct and the Severity 1 messages (Troubles) will stop without any operator action.
227540		3	Resolved	No-Fix	R_45-SIPNP:Issue's Pass commands on SIP card.	None.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
227578		3	Resolved	Defer	Meas Sev 1s after set-time	The Sev 1s indicate that the collection sequence has been disrupted. The 60-minute and/or 30-minute data may be inaccurate for the period in which the Sev 1s occur.
227626		3	Resolved	Defer	Watchdog timeout may fail to reset a card	When/if an operation results that should be aborted by a card reset, the fail safe mechanisms created may not operate and an init-card command will have to be issued.
227779		3	Resolved	Defer	13.6K SCCP TPS: Issues seen during sccp overload testing	Card will shed overload traffic as expected. However there may be sev 1 trouble output in overload conditions.
227823		3	Resolved	No-Fix	Rel_45.0:ST:During upgrade from 44.0.4 to 45.0, Module ss7_tcbc.c Line 1739 Class 01c1 Severity 1 is observed.	No impact. Timers are discarded.
227929		3	Resolved	Defer	dact-cmd does not work for published commands	The customer can use the <F9> key instead. Also canc-cmd will work.
227997		3	Resolved	Defer	Module ath_vxw obit has been observed while performing warm boot with serial=yes	In this case a couple of cards in a large group double booted and cold started when they should have warm started. This can cause longer recovery time due to full database reload.
228093	Y	3	Resolved	Defer	Module mfc_dist.c Line 1720 Class 01c3 Severity 1 observed during upgrade phase 3	The variable is reading before the new code is fully loaded. Sev-1 automatically stopped after reload of card with Target release.
228181		3	Resolved	Defer	HIPR2 - MFC byte counts corrupted when executing "extended BERT test"	Performing the Extended BERT test on a HIPR2 equipped bus will corrupt memory values on which MFC relies on to operate properly. Init the bus on which the extended BERT test was run. i.e.: init-mux:bus={a,b}. The bus is already inhibited for the BERT test and this operation is easy to perform at that time.
228217		3	Resolved	Defer	R_45-SIPNP: for multiple 302, we cannot see multiple pegging of RDRCTSENT register in output of SYSTOTSIP report.	The issue is seen only for retransmissions.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
228672		3	Resolved	Defer	R_45-SIPNP:261 *C MPS ELAP-A MPS unavailable appears,when we have all SIP cards provisioned as EPAP.	Scenario is highly unlikely in that once a node is configured with EPAP or ELAP, services will only be added and not switched. But, if they are (ELAP deprovisioned and EPAP provisioned), a critical alarm will be raised for the missing service. The alarm can be cleared by booting the OAM.
228750		3	Resolved	Defer	R45_E5E1T1-B: Unexpected MTT Error with chg-t1:t1tsel=recovered	An attempt to change the t1tsel to 'recovered' for a t1port already configured as channel bridged with timing source 'external' results in the command being rejected with the MTT error- E3488. This is incorrect since the port's timing source is not allowed to be set to 'recovered'. Workaround: specify chanbrdg=on in the same command.
228815	Y	3	Resolved	Defer	Severity from meascdwr.c Line 378 is generating continuously at 10 minute interval	The Sev1s are being generated at every 10 minute interval, therefore they are filling the Trouble queue and potentially masking "real" problems. This can be avoided by not issuing set-time with new time in the 5 minute boundary.
228879		3	Resolved	Defer	Rel_45_E5E1T1-B: Incorrect MTT error - E2376 with act-lbp cmd for invalid card locations on Eagle.	Error message is not exactly as documented in the customer manuals but it is still sufficient to inform the operator of the reason why the EAGLE rejects the command.
228880		3	Resolved	No-Fix	Rel_45_E5E1T1-B: Incorrect MTT error - E4214 and E4215 with ent-slk cmd for unchannelised E1/T1 link	The error message references the wrong nomenclature for the physical interface in use. However it is unlikely to be seen as normally T1 is used in ANSI and E1 is used in ITU where each is defined. The EAGLE just provides the flexibility to use either.
228925		3	Resolved	Defer	E3861 should be obsolete	No impact. This error message is no longer used since OAP is obsolete.
228954		3	Resolved	Defer	SLSTRACE for MSUs processed by SLSCNV feature prints same SLS value for incoming and Calculated SLS values	SLSTRACE will reflect true originating SLS and not computed value.
229107		3	Resolved	Defer	Eagle 45: IMEIBlk Version is being displayed at eagle side.	This is a cosmetic issue. The IMEI block version number from GUI or PDBI is neither provisionable nor affects message processing. It takes 0 as a default value. The output of the rtrv-data-rtdb command shows this default value when it shouldn't.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
229525		3	Resolved	Defer	R45_1M_TPS:Total system TPS exceeded alarm observed in incorrect scenario.	Once the maximum capacity of 1M TPS has been provisioned in the system, the operator will be unable to add links to existing link sets.
229569		3	Resolved	Defer	Rel-45.0.0-64.69.1 FTRA :We are getting extra entries in csv file for command rtrv-gta.	The rtrv-gta command output as exported as CSV reflect an empty NUMENTRIES parameter.
229978		3	Resolved	No-Fix	R45_1M_TPS:Fast copy traffic gets monitored by IMF server, even when FC link is Down on card & FC status is offline.	If the STC cards are all inhibited, Fast Copy monitor data stream is not stopped.
230108		3	Resolved	Defer	R45_SIP: Blank Line in ACK message consuming extra CPU.	This is an invalid message, so it should not be seen by a cusotmer. However if such a message is received (request line of CR/LF or 0x0d0a), the SIP card would eventually discard it.
230161		3	Resolved	No-Fix	E5E1T1-B: oamhc_init.c Line 2808 Class 01e3 Severity 1 has been observed on 32 T1 links.	Informational - related to 5226.1120 CARD 1115 INFO TRBL Queue is full:elements overwritten
230392		3	Resolved	No-Fix	R45: upgrade failed in phase 3 due to high sccp traffic, near to sccp system capacity.	Do not attempt an upgrade if the system is under heavy load. The use of the health check is used to identify these conditions that make the system unstable and should prevent the upgrade. Also, the scheduling of the upgrade during a maintenance window should prevent this issue from occurring.
230490		3	Resolved	Defer	OAM system buffer leak	For normal operation there is no impact as the buffers are just held for a long time. There may be some buffer leaks for debug commands.
230513		3	Resolved	Defer	R45_SIP:Threshold Level 1 alarm seen on SIP card at 1300 TPS.	Over time, memory becomes fragmented causing the SIP library to believe it is running low on memory. The SIP library will then erroneously post congestion alarms.
230522		3	Resolved	Defer	SIP card boots on high traffic.	Reduced performance under abnormal conditions, e.g. blank lines in ACK or INVITE. Card may boot.
230808	Y	3	Resolved	Defer	rept-meas getting rejected with error code E2303 (Unknown LSN) for an existing linkset with no links on it	Current error message "E2303 Cmd Rej: Unknown LSN" for a linkset which already exists (though with no links provisioned for it) is misleading.

Table RN-6. EAGLE 45.0 Known PRs (2/4/14) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
230842		3	Resolved	Defer	R_45-SIPNP:Isolated SIP card displaying TPS and PTPS, when no traffic is running from sipp tool.	Commands will incorrectly show counts for cards that should be zeroed.
230852		3	Resolved	Defer	System buffer leak in PVDLV	Cumulative effect of a buffer leak may result in SCCP card obit. This particular leak is small and does not present a threat to card stability or reliability.
230876		3	Resolved	Defer	R45_1M_TPS: SLAN server card booted up with obit Module pmtc_mgr.c Line 521 Class 0240, when over loaded.	In extreme overload conditions it is possible for the SLAN card to boot. This is due to a traffic burst in the range of milliseconds.
230877	Y	3	Resolved	Defer	Rept-stat-clk is not reporting HS clock usage on a ATM card if the link that uses HS clock is one other than link A	rept-stat-clk incorrectly reports HS clock usage of ATM cards. Command may not report actual number of ATM cards which use internal or external HS clock source for links.
230879		3	Resolved	No-Fix	R45_SIP: SIP TCP connection status does not go down, as soon as we deactivate b port of SIP card.	Delay in shutting down the TCP connections due to the need to exhaust all timers. No traffic impact but an operational delay in getting the expected result of the command execution (can mislead the STP operator).
230951		3	Resolved	Defer	R45_SIP: Warning is not pegged in the output of rept-stat-sip command, when TEL URI is of more than 30 digits.	Measurements won't reflect the processing of this SIP message.
230958		3	Resolved	Defer	R45_1M: Severity 1 Module hmcg_mgr.c Line 3470 observed when links were in congestion for few hours.	This trouble is indicating problem with the congestion. Traffic is being discard per protocol due to congestion. No other impact was identifiable.
231613	Y	3	Resolved	Defer	Associations deleted from system in past still appear in the comp-sctpasoc CSV reports	Additional entries which are not currently provisioned in the Eagle will appear in the measurement reports with a status of "N". However there no actual impact due to this issue as measurements for the currently provisioned entities are accurate. As a workaround we can either resear or cold reboot (send-msg:ds=8:da=h'17:f=22:loc=<mcp>) both MCPMs cards together. Please note that init-card won't help as currently it will not refresh the meas tables on MCPM card.

Table RN-7. E5-MS 45.0 Known PRs (6/12/14)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225467		2	Resolved	Defer	Transaction APIs are using infinite timeouts	No impact to customers. No issues have been noted
230738		2	Resolved	Defer	E5MS_45:E5MS server stopped on the IPDE setup	System will hang - connection to Eagle(s) is blocked when connected to multiple Eagles over time. Network latency may play a factor.
232414		2	Resolved	Defer	E5MS_45:NBI FTP module does not support SFTP	Measurement reports will only be processed and available on from STPs that have security enabled.
206895	Y	3	Resolved	No-Fix	MeasOAM cleanup script is not properly functioning.	Database will grow without bounds
215626		3	Resolved	Defer	EMS : Multiple login failures in CMI script execution.	In case of a login failure on Eagle, user should try to login again and should be able to login successfully in the next attempt.
217240	Y	3	Resolved	Defer	CMI Login Status Indicator not updated on loss of connectivity with STP	The CMI does not always reflect the accurate login status and can cause more work for the customer by issuing commands only to have them fail and then need to retry the commands once the user reconnects to the STPs.
222774		3	Resolved	Defer	E5-MS security operation tree issues needs to be fixed	There is no system impact as dependencies need to be manually resolved and only administrator needs to perform these operations.
223002		3	Resolved	No-Fix	E5-MS Fault - EMSALM terminal keeps switching in case system alive message is never received	None
223022		3	Resolved	Defer	Support of fbp (Frame Power Budget) shelf in E5-MS needs to be provided	FBP frame will not be available in Frame View.
225495		3	Resolved	Defer	E5MS_45:Unable to scroll complete result set.	User must expand frame to see complete results on one screen
225547		3	Resolved	Defer	The Splash screen needs to be updated.	None - other than the splash screen is of low quality.
225549		3	Resolved	Defer	E5MS_45: Some filtering criteria are not supported under Network Events and Alarms section.	No impact to system other than filtering options may be limited in custom views.
225603		3	Resolved	No-Fix	E5MS_45:Last successful login data message	There are no customer impacts

Table RN-7. E5-MS 45.0 Known PRs (6/12/14) (Continued)

225745		3	Resolved	Defer	E5MS_45:Scheduler accepts junk value for time	Customer must be careful to properly define schedule criteria
225861		3	Resolved	Defer	E5MS_45:Command box does not work correctly	No impact to customer operation
225862		3	Resolved	Defer	E5MS_45:Renaming of category name fails intermittently	If the rename operation fails once, a user can perform the same on retrying it
226249		3	Resolved	Defer	E5MS_45:Audit trails visible to user on Security Administration GUI	No impact to customer operation
226359		3	Resolved	No-Fix	E5MS_45:Non-assigned operations not disabled for the user	No impact to customer operation
226363		3	Resolved	Defer	Save Map functionality does not always work as desired.	The Icon may not be saved in the desired location.
226537		3	Resolved	Defer	E5MS_45:Maximum allowed wrong login attempts	Customer can be locked if the invalid attempts is not reset.
226745		3	Resolved	Defer	Audit trails for backup are not generated during automatic backup	No impact to customer operation
226924		3	Resolved	Defer	Message during backup is not visible on status bar of E5-MS	No impact to customer operation
227820		3	Resolved	Defer	E5MS_45:Whitespace between * is accepted as a parameter for Sub-Resource criteria.	No effect other than the Resource and Sub-Resource parameter entry doesn't work exactly the same.
227874		3	Resolved	Defer	E5MS_45:Expand and collapse functionality does not work properly on Polling script execution result panel.	Window size is larger than desired for some screen sizes. User must use the scroll bar to see the information.
228359		3	Resolved	Defer	EMS terminal makes provisioning change immediately after logging in without checking if change is necessary	No impact to customer operation
228543		3	Resolved	Defer	Logger Implementation for Events generated in E5MS.	Logs are not generated for all system events.
228752		3	Resolved	Defer	E5MS_45:Device Time stamp displayed in long format on fault GULs	No impact - format is in UTC, but E5-MS timestamp is also available.
228821		3	Resolved	Defer	Audit trail issues	Operator can't create custom audits

Table RN-7. E5-MS 45.0 Known PRs (6/12/14) (Continued)

229006	Y	3	Resolved	Defer	Cut-thru: When the STP is configured in SSH mode, the cut-thru to the STP does not function	Operator is unable to cut-thru to Eagle using Windows client when Eagle is configured for SSH mode.
229009	Y	3	Resolved	Defer	LUI: The LUI will not allow the user to enter in capacity value until measurements are available for the link.	If measurements are unavailable or until they are, the operator can't enter any settings.
229727		3	Resolved	Defer	E5MS_45:logs flooded with failed status update messages	No impact to customer operation
229869	Y	3	Resolved	Defer	Create command class option or similar option is missing	Operator will not be able to create new custom command classes.
229877	Y	3	Resolved	Defer	Non permitted users can update inventory and though correctly barred from CMI	From customer's point of view, they need to create few users who can work on a particular EAGLE only. And these users would be barred from all other activities for another EAGLE. This is not currently possible for inventory.
229881	Y	3	Resolved	Defer	Not able to remove EAGLE from Select Eagle list when LUI is included	If LUI is enabled customers can not create a user with only selected EAGLE.
230253	Y	3	Resolved	Defer	startnms.sh output shows "verified for Aricent" .	No impact to customer operation.
230396		3	Resolved	Defer	E5MS_45:Reports in HTML format are not resizable	No impact to Customer operation as other report formats work for generating reports.
230483	Y	3	Resolved	Defer	All UIMs not captured, only system alive messages captured in Fault Management	Customer can start monitoring all UIMs on the basis of column name.
230537		3	Resolved	Defer	Intra upgrade does not support conf file and database schema changes	No impact to customers in R45
230538		3	Resolved	Defer	Card graphic for E5-APP-B card not visible in E5-MS	The E5-APP-B card will not be displayed on the STP shelf graphics.
230598		3	Resolved	Defer	E5MS_45:Support for SIP commands should be present on CMI	Customer will not be able to use SIP commands from the EMS.
231056	Y	3	Resolved	Defer	Server Redundancy - Cannot specify which server will be started as primary by default.	Customer would need to manually check the server which is currently acting as Primary server.
231057	Y	3	Resolved	Defer	Server Redundancy - After recovery of the failed primary server, the primary server does not resume control as prima	Primary once recovered post failure won't regain primary role and will keep running as secondary server.

Table RN-7. E5-MS 45.0 Known PRs (6/12/14) (Continued)

231058	Y	3	Resolved	Defer	Alarm View - The Detailed alarm view has missing/mislabeled components.	Alarm properties pane will not display custom properties like UAM No.
231059	Y	3	Resolved	No-Fix	NBI: The NBI configuration window is missing a scrollbar and the add buttons are not rendered on some platforms.	Windows XP is not supported
231060	Y	3	Resolved	Defer	Alarm Filter - The alarm filters are not locked under the Fault Management branch	Custom views can be placed anywhere in the hierarchy.
231061	Y	3	Resolved	Defer	Eagle Inventory Menu - The results of the Execute Command are not displayed until the user clicks on "Fetch Data"	Command execution status is available automatically and not output.
231064	Y	3	Resolved	Defer	Fault Management - Filtering menu contains mislabeled entries and is missing some filtering criteria	Custom view fields may not have one to one mapping of fields shown in Alarm/Event view.
231526	Y	3	Resolved	Defer	Bat files in E5-MS.	No impact to customer systems
231789		3	Resolved	Defer	E5MS_45:Graphics not rendered on the standby server	Customer will need to restart client on standby machine to render the card graphics during a failure of the primary system
232364		3	Resolved	Defer	E5MS_45:Unable to restart e5ms service using the restart parameter	No impact to the normal operation of the E5-MS system
232531		3	Resolved	Defer	Failover.xml is copied from the primary to the standby server	Minor impact to smooth operation of the failover. If the application fails on the primary server, the primary server application may be stopped to ensure failover operation.
232997	Y	3	Resolved	Defer	Some messages logged in the alert_audit.txt file as incorrectly logged as FATAL.	Invalid errors can mask valid alarms in the flood of invalid messages
232998	Y	3	Resolved	Defer	Device timestamp reporting alert time in EPOCH time.	Prevents the customer from easily determining the date and time of the event
232999	Y	3	Resolved	Defer	java.lang.NumberFormatException errors present in nmserr.txt file	No known customer impact for this issue
233001	Y	3	Resolved	Defer	FATAL exceptions logged in the nmserr and nmsout log files.	Invalid errors can mask valid alarms in the flood of invalid messages

Table RN-8. ELAP 10.0 Known PRs (7/03/13)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225030		2	Resolved	Defer	ELAP10.0_ST: More than 384M TN are being provisioned in ELAP.	If the customer is using batch mode the licensed limit can be bypassed by up to about 50 entries. (This does not occur in single entry mode.) The extra entries will not be equipped on the EAGLE. Also if the SCCP cards are booted on the EAGLE the database will not be reloaded. To be able to reload the extra entries must be removed. Note: There are alarm about license capacity that will occur before this would be encountered.
132527		3	Resolved	Defer	NPANXX Can Be Deleted from ELAP with TN Data	As stated in the description, if a customer deletes the default gtt entry for which TNs/NPBs exist, the Inp query will fall through to eagle gtt.
222595	Y	3	Resolved	Defer	The cron script /etc/cron.daily/checksel is not running correctly	No impact to normal operation
222784		3	Resolved	No-Fix	ELAP 10.0_TransLog: Server is accepting its own IP address for remote IP configuration.	The customer could be confused by the label "Remote" if the desired destination is in the server itself. In most cases the remote IP will be an actual remote server (i.e., network machine or mate) but if the customer is using the local server itself as the storage location of the backups, then he will understand the implication.
223256		3	Resolved	No-Fix	ELAP 10.0_TransLogs: "Failed transfer of file <Filename> error" banner message is not observed.	Customer won't be able to see the stale banner. However when "transferLogsToRemote" script runs automatically after 1 hour, it will clear any stale banner messages.
224273		3	Resolved	Defer	ELAP 10.0_ST: ELAP GUI does not indicate that Port cable is removed at VSCCP card	Customer would not be able to tell if a port is disconnect from the Service Module Card Status information when click on the icon on the banner section on the ELAP. Note: Eagle does raise a minor alarm 539 when a port is disconnected. It is just not seen on the ELAP.
224446		3	Resolved	Defer	ELAP 10.0_ST: Current value of the parameters ELAP HTTP Ports are not displayed in [brackets].	No impact. Customer will input the value that is asked in the menu
224448		3	Resolved	No-Fix	ELAP 10.0_ST: MPS is not accessible through VIP IP from ELAP GUI.	No impact since workaround is available.

Table RN-8. ELAP 10.0 Known PRs (7/03/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
224562		3	Resolved	No-Fix	ELAP 10.0_ST: "service TKLCipsec status" command is not supported in ELAP.	There is no customer impact.
224734		3	Resolved	No-Fix	ELAP 10.0_ST: Wrong error is diplayed when we try to remove 0.0.0.0 IP via GUI	No impact.
225211		3	Resolved	No-Fix	ELAP 10.0_ST: Server's own IP is being accepted when demanded Remote IP address.	No impact. This scenario is unlikely to happen. Even if it happens, this has no impact other than missing an error.
225411	Y	3	Resolved	Defer	The stop/start of ELAP software using the commands "/etc/init.d/Elap stop/start" create an unwanted file in current dir.	Unwanted files may be created on the server with "/etc/init.d/Elap start or /etc/init.d/Elap stop" of ELAP software. This wil lnot occur if "service Elap start" or "service Elap stop" are used.
225438		3	Resolved	Defer	ELAP 10.0_ST: Server NTP Daemon Not Synchronized alarm has been observed after initial installation.	May see "MINOR::500000000000200 -- Server NTP Daemon Not Synchronized" IF NTP source is not configured. There is no other impact.
225564	Y	3	Resolved	Defer	ELAP - 10.0.0 CDS: Snapshots not being removed from /etc/lvm/archive/ directory.	Alarms due to increasing size of /etc/lvm/archive/ directory. Manual intervening is some times required to clear the files from this directory.
225565	Y	3	Resolved	Defer	The retrieve of the "Override GTT" provisioned from ELAP GUI(Local Provisioning-> Override GTT-> Update) is failing.	No system impact as the OGTT will be downloaded to ELAP from LSMS only. That is retrievable on ELAP GUI.
225573	Y	3	Resolved	Defer	The deletion of any non-existing "NPA NXX", "Override GTT" and "Subscriptions" is possible from ELAP GUI.	GUI allows deletion of non-existing "NPA NXX", "Override GTT" and "Subscriptions".
225607		3	Resolved	Defer	ELAP 10.0_ST: Permissions of Bakup dir created automatically during Backup are different.	The automatic backup functionality is working fine. Different permission on local and remote directory does not have any impact on the backup/restore.
225609		3	Resolved	Defer	ELAP 10.0_ST: Banner messgae of ELAP RTDB Auto Backup overlaps sometimes.	Banner messages are updating without any issue. But sometimes the messages are getting overlapped in the banner scrolling area. This does not have any negative system impact.
225742		3	Resolved	Defer	ELAP 10.0_ST: Hastatus of ACTIVE server is showing status other than ACTIVE.	There is small possibility the hastatus of the ELAP could be wrong after switch over. Booting the server corrects.

Table RN-8. ELAP 10.0 Known PRs (7/03/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225828		3	Resolved	Defer	ELAP10.0_ST: No Error is observed on ELAP GUI in case there is no log file present in free directory	Just confusion as there is no file to act on.
226092	Y	3	Resolved	Defer	The Set Debug Levels submenu in Debug on ELAP GUI needs to be modified for the modified functionality.	Debug can only be turned on or off. The menu is confusing as it indicates levels.
226212	Y	3	Resolved	Defer	Help information for "SSH to MPS" submenu in Platform menu on ELAP GUI needs to be modified.	The "ssh to mps" menu option does not allow to login on server by entering "user@hostname". It works for user@<IP Address>
226445	Y	3	Resolved	Defer	ELAP GUI allows incorrect values for DGTT/NPANXX.	This behavior can lead to a situation where LSMS audit of ELAP will not report such extra items (DGTT/NPANXX) on ELAP causing DB inconsistency between LSMS and ELAP.
227296		3	Resolved	No-Fix	ELAP 10.0: Alignment of serial numbers in Change password GUI is incorrect.	No impact. Information remains readable.
227636		3	Resolved	Defer	ELAP 10.0: HTTPS parameter is available in UiEdit variable.	HTTPS_ENABLED variable does not have any impact on the system. The HTTPS_ENABLED variable can be deleted using the following command # uiEdit -d HTTPS_ENABLED
227761		3	Resolved	Defer	ELAP 10.0: Sequence of NTP server ID is not correct in elapconfig menu.	NTP is working fine, just the display of configured NTP servers needs modification. It does not have any impact on working of NTP.

Table RN-8. ELAP 10.0 Known PRs (7/03/13) (Continued)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
228623	Y	3	Resolved	Defer	Problems in transferLogsToRemote script	<p>In some isolated cases, we have observed that if the sftp of one of the log file to the remote server fails, the next file in the directory is also not transferred to the remote server.</p> <p>Also there are some misleading alarms observed due to this transfer script.</p>
229699		3	Resolved	Defer	Syscheck on the 'B' standby server reports file system error in /var/TKLC/log/syscheck/fail_log file	<p>An error "FAILURE:: Could not find /var/TKLC/elap/drbd/mysql file system!" will be visible to the customers in fail_log.</p> <p>Run syscheck from CLI to get system status.</p>

Upgrade Paths

This section identifies the upgrade paths for Eagle 45.0 and migration paths for ELAP 10.0.

Figure RN-1 on page 54 illustrates the upgrade paths to Eagle 45.0.

Figure RN-2 on page 55 illustrates the migration paths to ELAP 10.0.

Figure RN-1. EAGLE 45.0 Upgrade Paths

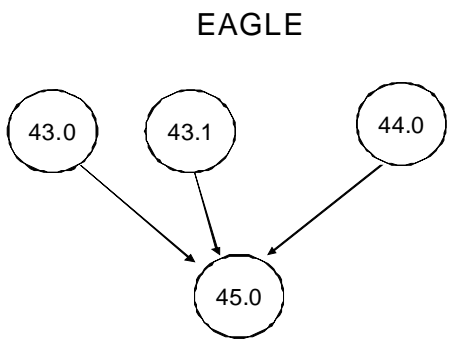
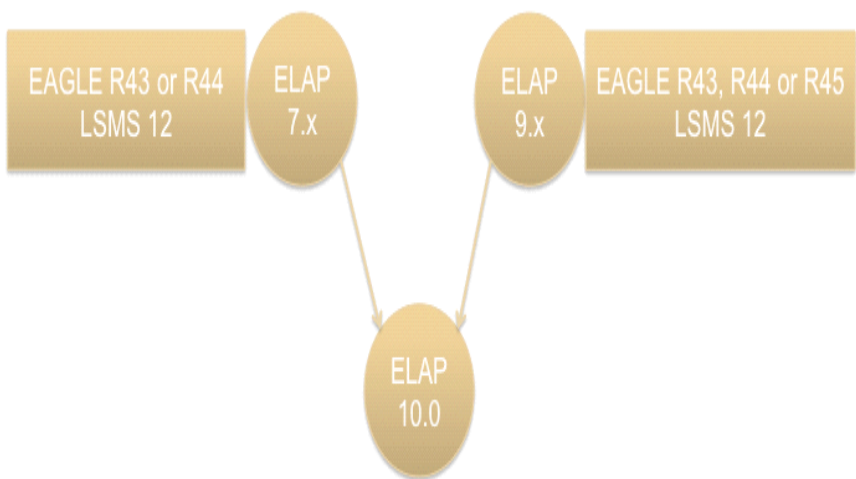


Figure RN-2. ELAP 10.0 Migration Paths



Product Compatibility

Table RN-9 on page RN-57 shows EAGLE 45.0 compatibility with other related products.

Table RN-10 on page RN-59 shows EAGLE 45.0 compatibility with PIC.

Table RN-11 on page RN-60 shows E5-MS 45.0 compatibility with EAGLE.

Table RN-12 on page RN-61 shows ELAP 10.0 compatibility with other related products.

Table RN-9. Eagle 45.0 Compatibility with Other Related Products

Product	Release	Compatibility
ELAP	6.1	NC
	7.0	PC*
	8.0	NC
	9.0	PC
	10.0	FC
EPAP	11.0	NC
	12.0	NC
	12.1	NC
	13.0	PC
	14.0	PC
	15.0	FC
LSMS	10.0	NC
	11.0	NC
	11.1	PC
	12.0	FC
FTRA	4.0	NC
	4.1	NC
	4.2	NC
	4.3	PC
	4.4	PC
	4.5	FC
EAGLE EMS	Netboss HSA 6.x, 7.x	NC
	EAGLE EMS 40.x	NC
	EAGLE EMS 41.x	NC

Product	Release	Compatibility
	EAGLE EMS 42.0	NC
	EAGLE EMS 43.0	PC
	EAGLE EMS 44.0	PC
E5-MS	45.0	FC
ECAP	1.0	NC
	40.1	NC
	41.1	FC

NOTE: Eagle 45.0 customers should upgrade their other products to the Fully Compatible releases identified in the table above.

FC - Fully Compatible

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

NC - Not Compatible

* XML Customer only

Table RN-10. Eagle 45.0 Compatibility with PIC

Product	Release	Compatibility
Sentinel	11.7.1.106	PC *
IAS	2.x (IXP & ICP)	NC
IAS	3.X (IXP & ICP)	NC
IAS	4.X (IXP & ICP)	NC
IAS	6.X (IXP only)	PC
PIC	7.0	PC
PIC	7.1	PC
PIC	7.5	FC
PIC	9.0	FC

NOTE: Eagle 45.0 customers should upgrade their other products to the Fully Compatible releases identified in the table above.

FC - Fully Compatible

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

PC * - Contact Customer Service before this upgrade

NC - Not Compatible

Table RN-11. E5-MS 45.0 Compatibility with EAGLE Release

Product	Release	Compatibility
EAGLE	42.0.x	PC
	43.0.x	PC
	44.0.x	PC
	45.0.x	FC

NOTE: E5-MS 45.0 customers should upgrade their other products to the Fully Compatible releases identified in the table above.

FC - Fully Compatible

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

Table RN-12. ELAP 10.0 Compatibility with EAGLE Release

Product	Release	Compatibility
EAGLE	42.0	NC
	43.0	FC
	44.0	FC
	45.0	FC
LSMS	10.0	NC
	11.x	NC
	12.0	FC

NOTE: ELAP 10.0 customers should upgrade their other products to the Fully Compatible releases identified in the table above.

FC - Fully Compatible

NC - Not Compatible