

**Oracle® Communications
EAGLE**

Release Notes

Release 46.1

E58682 Revision 1

January 2015

Oracle® Communications Release Notes, Release 46.1

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Chapter 1

Introduction

This Release Notes includes Feature Descriptions, supported Hardware Baseline, Media and Documentation pack contents and identifies the Supported Upgrade Paths. This document also includes listings of both the Resolved and Known Bugs for this Release. Directions for accessing key Oracle sites and Services are also identified in the [Oracle References and Services](#) chapter.

Release Notes are included in the Documentation Pack made available with every Software Release.

Chapter 2

Feature Descriptions

Topics:

- *Intra Network Number Portability8*
- *Hardware Maintenance Phase for EAGLE HIPR Cards8*
- *Operational Changes.....9*

This Release delivers the following feature:

- *Intra Network Number Portability*
- *Hardware Maintenance Phase for EAGLE HIPR Cards*

Intra Network Number Portability

The Intra Network Number Portability feature provides the enhanced ability to identify intra-circle and inter-circle calls. Before the Intra Network Number Portability feature, the GSM MAP SRI Redirect to Serving HLR feature identified the serving HLR based on the Circle Type and Circle Number for operators. With the Intra Network Number Portability feature, each Circle has a unique GRN, a unique Vendor Type, and a unique Vendor Number. The Intra Network Number Portability adds the new option GSMOPTS:SRIRDCTENT with two possible values: GRN, SP. The Intra Network Number Portability feature changes provide the G-Port feature with the correct routing information for calls.

Commands

The following commands are updated for the Intra Network Number Portability feature:

- `chg-gsmopts` – The new parameter `srirdctent` indicates whether to use the GSM MAP SRI Redirect to Serving HLR feature (parameter value = `sp`; default value) or the Intra Network Number Portability feature (parameter value = `grn`).
- `chg-prefix` – The range of parameter `prefixnum` is extended to 32 for GSM MAP SRI Redirect to Serving HLR feature prefix values.
- `ent-vendid` – The ranges of parameters `vendnum` and `vendtype` are extended to 32 for GSM MAP SRI Redirect to Serving HLR.
- `rtrv-gsmopts` – The outputs are enhanced for this command.
- `rtrv-prefix` – The outputs are enhanced for this command.
- `rtrv-vendid` – The range of parameter `vendnum` is extended to 32. The new parameter `num` (range = 1 - 500; default = 500) can be specified for the number of Vendor IDs to be retrieved with this command.

Limitations

- Intra Network Number Portability and the GSM MAP SRI Redirect to Serving HLR feature cannot be used at the same time.
- The user is advised to not provision single digit GRNs on both EPAP and EAGLE.

Hardware Maintenance Phase for EAGLE HIPR Cards

EAGLE HIPR cards (870-2574-xx) are not supported in Release 46.1. The system cannot be upgraded to Release 46.1 if HIPR cards are installed. The functionality performed by the HIPR cards is performed by the HIPR2 (Part Number 870-2872-xx) card.

As part of this Maintenance phase, the HIPR GPL is not supported in Release 46.1.

Operational Changes

EAGLE Release 46.1 contains new and updated alarms and error messages.

Unsolicited Information Messages

The Unsolicited Information Messages (UIMs) in this section are introduced in EAGLE Release 46.1.

Eagle Eyes OAM Commands

Table 1: New UIM for EE OIM Commands

| UIM | 1462 | Format | Output Group |
|----------|-------------------|--------|--------------|
| Action | Added for 46.1 | | |
| Old Data | | | |
| New Data | EE Not configured | I21 | CARD |

Non-Feature Related

Table 2: New UIM for Non-Feature Related

| UIM | 1118 | Format | Output Group |
|----------|------------------------------------|--------|--------------|
| Action | Added for 46.1 | | |
| Old data | | | |
| New data | TOD change affects MEAS collection | 0 | SYSTEM |

Error Messages

Error Messages for Intra Network Number Portability

New and modified error codes to support the Intra Network Number Portability feature are listed in [Table 3: Error Messages for Intra Network Number Portability](#):

Table 3: Error Messages for Intra Network Number Portability

| Response ID Code | Error Message | Used by Command |
|------------------|--------------------------------|-----------------|
| E4316 | VENDID table is full | ent-vendid |
| E4317 | Failed reading of VENDID table | dlt-vendid |

| Response ID Code | Error Message | Used by Command |
|------------------|---------------------------------------|-----------------|
| E4319 | VENDID does not exist in VENDID TABLE | dlt-vendid |
| E4320 | SRI Redirect Feature must be enabled | chg-gsmopts |

Chapter 3

Media and Documentation

Topics:

- [Media Pack.....12](#)
- [Documentation Pack.....12](#)

Oracle Communications software is available for electronic download on the Oracle Software Delivery Cloud (OSDC). Documentation is delivered electronically on the Oracle Technology Network (OTN). Both the software Media Pack and the Documentation Pack are listed in this chapter.

Media Pack

All components available for download from the Oracle Software Delivery Cloud (<https://edelivery.oracle.com/>) are in *Table 4: Media Pack Contents*.

Note: This list is accurate at the time of release, but is subject to change. Please view the Oracle Software Delivery Cloud site for the latest information.

Table 4: Media Pack Contents

| Name |
|---|
| Oracle Communications EAGLE (46.1.0), Tekelec |

Documentation Pack

All documents available for download from the Oracle Technology Network (OTN) site (<http://docs.oracle.com>) are listed in *Table 5: Documentation Pack Contents*.

Note: This list is accurate at the time of release, but is subject to change. Please view the OTN site for the latest information.

Table 5: Documentation Pack Contents

| Name |
|----------------------------------|
| EAGLE Release 46.1 Documentation |

Chapter 4

Supported Hardware Baseline

Topics:

- [EAGLE Card Overview.....14](#)
- [Hardware Baseline.....17](#)

The Hardware identified in *Supported Hardware Baseline* comprises the hardware and server versions that have been verified with this Release.

EAGLE Card Overview

The EAGLE Card Overview table is a resource table that provides an overview of information for cards that can be provisioned in the EAGLE. For a detailed description of supported hardware, see [Hardware Baseline](#).

This table lists the following card information:

- Name of the card on the card label
- Card part number
- Provisioned card type
- Number of shelf slots that the card occupies (1 or 2)
- Number of physical ports on the card
- Maximum number of links that can be assigned to the card
- GPLs and applications that can run on the card

Table 6: EAGLE Card Overview Table

| Card Name as shown on card label | Part Number | Provisioned Card Type | Per Card Slots/Ports | | Links per Card | Card GPLs | Card Applications |
|----------------------------------|------------------------------|--|----------------------|------------|----------------|-----------------|------------------------------------|
| | | | | | | | |
| E5-APP-B | 870-3096-xx | e5appb | 1 | 4 | N/A | N/A | elap epap lsms nas imf |
| E5-ATM | 870-1872-01^ 870-1872-02^ | limatm lime1atm | 1 | 4 (3 used) | 3 | atmhc blixp | atmansi atmitu |
| E5-ATM-B | 870-2972-01 | limatm lime1atm | 1 | 4 (3 used) | 3 | atmhc blmcap | atmansi atmitu |
| E5-E1T1++ | 870-1873-02 | lime1 limt1 | 1 | 8 | 32 | ss7hc blixp | ss7ansi ccs7itu |
| | 870-1873-03^ 870-1873-04^ | lime1 (for SE-HSL) limt1 (for ST-HSL-A) | 1 1 | 8 8 | 1 1 | | ccs7itu ss7ansi |
| | | | | | | | |
| E5-E1T1-B++ | 870-2970-01 | lime1 | 1 | 8 | 64 | ss7hc | ss7ansi |

| Card Name as shown on card label | Part Number | Provisioned Card Type | Per Card Slots/Ports | | Links per Card | Card GPLs | Card Applications |
|----------------------------------|---|-----------------------|----------------------|----------------|-----------------|------------------|-------------------|
| | | limt1 | | | | blmcap | ccs7itu |
| | | lime1 (for SE-HSL) | 1 | 8 | 2 | | ccs7itu |
| | | limt1 (for ST-HSL-A) | 1 | 8 | 2 | | ss7ansi |
| E5-ENET | 870-2212-02 870-2212-03^ 870-2212-04^ 870-2212-05^ | dcm | 1 | 2 | 16 | iplhc blixp | iplim iplimi |
| | | | 1 | 2 | 1 | ipghc blixp | ss7ipgw ipgwi |
| | | | 1 | 2 | 2 IP Service | slanhc blixp | stplan |
| | | stc | 1 | 2 | 2 IP Service | erthc blixp | eroute |
| | | enet | 1 | 2 | 32 | ipsg blixp | ipsg |
| E5-ENET-B | 870-2971-01 | dcm | 1 | 2 | 16 | iplhc blmcap | iplim iplimi |
| | | | 1 | 2 | 1 | ipghc blmcap | ss7ipgw ipgwi |
| | | | 1 | 2 | 2 IP Service | slanhc blmcap | stplan |
| | | stc | 1 | 2 | 2 IP Service | erthc blmcap | eroute |
| | | enet enetb | 1 | 2 | 32 | ipsg blmcap | ipsg |
| | | ipsm | 1 | 2 (use only A) | 1 ipshc service | ipshc blmcap | ips |
| E5-IPSM | 870-2877-01^ 870-2877-02^ | ipsm | 1 | 2 (use only A) | 1 ipshc service | ipshc blixp | ips |

| Card Name as shown on card label | Part Number | Provisioned Card Type | Per Card Slots/Ports | | Links per Card | Card GPLs | Card Applications |
|---|--|-----------------------|----------------------|----------------|---------------------------------|-------------------------------------|--------------------------|
| E5-MASP | 870-2903-01^ 870-2903-02^ 870-2903-03^ | N/A | 2 | 2 | N/A | oamhc blmcap | oam |
| E5-MCPM-B | 870-3089-01 | mcpm | 1 | 2 (use only A) | 1 IP service | mcp hc blmcap | mcp |
| E5-MDAL | 870-2900-01^ | N/A | 2 | N/A | N/A | N/A | N/A |
| E5-SM4G† | 870-2860-01^ 870-2860-02^ | dsm | 2 | 2 | 2 IP Service | sccphc blixp | vsccp |
| E5-SM8G-B† | 870-2990-01 | dsm | 2 | 1 | 2 IP Service 16 TCP 1 UDP | deirhc siphc sccphc blmcap | deirhc siphc vsccp |
| E5-TSM | 870-2943-03^ | tsm | 1 | 1 | N/A | glshc blixp | gls |
| HC-MIM†† | 870-2671-01 870-2671-02 | lime1 limt1 | 2 | 8 | 64 | ss7hc blixp | ss7ansi ccs7itu |
| | 870-2671-03^ | lime1 (for SE-HSL) | 2 | 8 | 2 | | ccs7itu |
| HIPR2 | 870-2872-01^ 870-2872-02^ | N/A | 1 | N/A | N/A | hipr2 | hipr2 |
| <p>†E5-SM4G or E5-SM8G-B cards are required for the LNP, 50,000 GTT, or EPAP-related features. For more information about turning these features on, refer to the appropriate manual.</p> <p>††For the E1 or T1 interface, an SS7 application (SS7ANSI or CCS7ITU) can be assigned to these cards.</p> <p>For more information on the E1 or T1 interface go to Chapter 3 “System Administration Procedures” in <i>Database Administration - SS7 User’s Guide</i>.</p> <p>^This part number is the ROHS equivalent of the immediately preceding part number.</p> | | | | | | | |

Hardware Baseline

The Hardware Baseline is shown in the following table.

Table 7: Hardware Baseline Table

| Component | Part Number | ROHS Number (if applicable) | Required for |
|-------------------------|----------------------|-----------------------------|---------------------------|
| Control Shelf | 870-2321-02 Rev A | 870-2321-08 Rev A | Standard Frame |
| | 870-2321-04 Rev A | | |
| | 870-2377-01 Rev A | 870-2377-02 Rev A | Heavy Duty Frame |
| Control Shelf Backplane | 850-0330-06 Rev A | 850-0330-07 Rev A | |
| Extension Shelf | 870-2378-01 Rev A | 870-2378-02 Rev A | Heavy Duty Frame |
| | 870-0776-02 Rev C | | Standard Frame |
| | 870-0776-03 Rev D | | |
| | 870-0776-06 Rev A | | |
| | 870-0776-07 Rev A | | |
| | 870-0776-08 Rev A or | | |
| | 870-0776-11 Rev A | | |
| Air Management Card | 870-1824-01 Rev A | 870-1824-02 Rev A | Shelves with Fan Assembly |
| E5-APP-B | 870-3096-xx | | |
| E5-ATM | | 870-1872-01 Rev A | |
| | | 870-1872-02 Rev A | |
| E5-ATM-B | | 870-2972-01 Rev A | |
| E5-ATM Adapter | | 830-1342-05 | |
| E5-E1T1 | 870-1873-02 Rev A | 870-1873-03 Rev A | |
| | | 870-1873-04 Rev A | |
| E5-E1T1-B | | 870-2970-01 Rev A | |
| E5-ENET | 870-2212-02 Rev A | 870-2212-03 Rev A | |
| | | 870-2212-04 Rev A | |
| | | 870-2212-05 Rev A | |
| E5-ENET-B | | 870-2971-01 Rev A | |

| Component | Part Number | ROHS Number (if applicable) | Required for |
|--------------------------|----------------------|-----------------------------|---|
| E5-IPSM | | 870-2877-01 Rev A | |
| | | 870-2877-02 Rev A | |
| E5-MASP | | 870-2903-01 Rev C | |
| | | 870-2903-02 Rev A | |
| | | 870-2903-03 Rev A | |
| E5-MCPM-B | | 870-3089-01 Rev A | |
| E5-MDAL | | 870-2900-01 Rev A | |
| E5-SM4G | | 870-2860-01 Rev F | |
| | | 870-2860-02 Rev A | |
| E5-SM8G-B | | 870-2990-01 Rev A | |
| E5-TSM | | 870-2943-03 Rev A | |
| FAP | 870-1606-01 Rev A or | | Standard frame or standard frame with HC-MIMs |
| | 870-1606-02 Rev A | 870-1606-05 Rev A | |
| | 870-2320-01 Rev A | 870-2320-03 Rev A | Heavy duty frame or heavy duty frame with HC-MIMs |
| | 870-1823-01 Rev B | 870-2804-01 Rev B | |
| FAP-CF/EF | 870-0243-08 Rev C | | |
| FAP-MISC | 870-0243-09 Rev C | | |
| FAP Fuse and Alarm Panel | 870-2804-01 Rev A | | |
| Fast Copy Adapter Upper | | 830-1343-01 Rev A | |
| Fast Copy Adapter Lower | | 830-1343-02 Rev A | |
| | 870-2360-05 Rev A | | |
| | 870-2360-06 Rev A | 870-2360-08 Rev A | |
| | | 870-2360-09 Rev A | |
| HC-MIM | 870-2671-01 Rev P or | | |
| | 870-2671-02 Rev B | 870-2671-03 Rev A | |
| HIPR2 | | 870-2872-01 Rev A | |

| Component | Part Number | ROHS Number (if applicable) | Required for |
|---|----------------------|-----------------------------|--------------|
| | | 870-2872-02 Rev C | |
| High-speed Fiber Channel Cable | | 830-1344-xx | |
| DC Frame Assembly | 890-1843-01 Rev C | 890-1843-02 Rev A | |
| In Heavy Duty Frame | 890-1801-01 Rev E | 890-1801-02 Rev A | |
| Kit E1 | 890-1037-01 Rev A | 890-1037-06 Rev A | |
| Kit, Holdover Clock Assy | 890-1013-01 Rev A | | |
| Fan Assy (Standard Frame) | 890-1038-01 Rev D | | |
| Fan Assy (Shelves with HC-MIM or EPM-B cards) | 890-0001-01 Rev A or | | |
| | 890-0001-02 Rev A | 890-0001-04 Rev A | |

Chapter 5

Upgrade Paths

Topics:

- [Upgrade Path.....21](#)
- [Generic Program Loads21](#)

This release has been tested for upgrades from specific prior releases; this chapter contains the exact paths for upgrade. Please verify that your current installed release is listed on a valid upgrade path.

Upgrade Path

The possible upgrade paths to EAGLE 46.1 are listed below.

Table 8: EAGLE 46.1 Upgrade Path

| From | To |
|--------------------|--------------------|
| EAGLE Release 46.0 | EAGLE Release 46.1 |

Generic Program Loads

Table 9: GPLs - Build 46.1.0-65.27.13 lists the latest Generic Program Loads (GPLs). When multiple builds are listed, GPL versions that changed from the previous build are in bold.

Table 9: GPLs - Build 46.1.0-65.27.13

| GPL SYSTEM NAME | VERSION Build |
|-----------------------|------------------------|
| | 46.1.0-65.27.13 |
| Date Available | 1/6/15 |
| ATMHC | 135.27.13 |
| BLBEPM | 133.43.0 |
| BLBIOS | 133.43.0 |
| BLBSMG | 133.43.0 |
| BLCPLD | 133.55.0 |
| BLDIAG6 | 135.27.11 |
| BLIXP | 135.27.11 |
| BLMCAP | 135.27.0 |
| BLROM1 | 133.56.0 |
| BLVXW6 | 135.27.11 |
| DEIRHC | 135.27.13 |
| ERTHC | 135.27.13 |
| GLSHC | 135.27.13 |
| HIPR | 135.22.0 |
| HIPR2 | 135.15.0 |
| IMTPCI | 135.27.11 |

| GPL SYSTEM NAME | VERSION Build |
|------------------------|------------------------|
| | 46.1.0-65.27.13 |
| Date Available | 1/6/15 |
| IPGHC | 135.27.13 |
| IPLHC | 135.27.13 |
| IPSG | 135.27.13 |
| IPSHC | 135.27.13 |
| MCPHC | 135.27.13 |
| OAMHC | 135.27.13 |
| PKTGHC | 165.27.13 |
| PLDPMC1 | 133.56.0 |
| SCCPHC | 135.27.13 |
| SIPHC | 135.27.13 |
| SLANHC | 135.27.13 |
| SS7HC | 135.27.13 |

Chapter 6

Product Compatibility

Topics:

- [Product Compatibility.....24](#)

This section shows release-specific compatibility with other related products.

Product Compatibility

Table 10: EAGLE 46.1 Compatibility with Other Related Products shows EAGLE 46.1 compatibility with other products.

Table 10: EAGLE 46.1 Compatibility with Other Related Products

| Product | Release | Compatibility |
|---------|---------|---------------|
| ELAP | <9.0 | NC |
| | 9.0 | NC |
| | 10.0 | FC |
| EPAP | <14.0 | NC |
| | 14.0 | NC |
| | 15.0 | PC** |
| | 16.0 | FC |
| LSMS | <12.0 | NC |
| | 12.0 | PC* |
| | 13.0 | FC* |
| E5-MS | 45.0 | PC |
| | 46.0 | FC |
| FTRA | <4.4 | NC |
| | 4.4 | NC |
| | 4.5 | FC |
| ECAP | <41.1 | NC |
| | 41.1 | PC** |
| PIC | 9.0 | PC |
| | 10.0 | PC** |

Note: EAGLE 46.1 customers should upgrade their other products to the Fully Compatible releases identified in the table above.

Legend:

- 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
- * Inherited from ELAP 10.0 Release Compatibilities

- ** J7 Point Code format is NOT supported on ECAP 41.1, EPAP 16.0 and PIC 10.0.

Resolved and Known Bugs

Topics:

- *Severity Definitions.....27*
- *Resolved Bug Listing.....27*
- *Customer Known Bug Listing.....29*

This chapter lists the Resolved and Known Bugs for this release.

These bug lists are distributed to customers with a new software release at the time of General Availability (GA), and are updated for each Maintenance release.

Severity Definitions

The problem report sections in this document refer to Bug severity levels. Definitions of these levels can be found in the publication, *TL 9000 Quality Management System Measurement Handbook*.

Problem Report: A report from a customer or on behalf of the customer concerning a product or process defect requesting an investigation of the issue and a resolution to remove the cause. The report may be issued via any medium. Problem reports are systemic deficiencies with hardware, software, documentation, delivery, billing, invoicing, servicing or any other process involved with the acquisition, operation, or performance of a product. An incident reported simply to request help to bring back the service or functionality to normal without the intent to investigate and provide a resolution to the cause of the incident is not a problem report.

- **Critical:** Conditions that severely affect the primary functionality of the product and because of the business impact to the customer requires non-stop immediate corrective action, regardless of time of day or day of the week as viewed by a customer on discussion with the organization such as
 1. product inoperability (total or partial outage),
 2. a reduction in the capacity capability, that is, traffic/data handling capability, such that expected loads cannot be handled,
 3. any loss of emergency capability (for example, emergency 911 calls), or
 4. safety hazard or risk of security breach.
- **Major:** Product is usable, but a condition exists that seriously degrades the product operation, maintenance or administration, etc., and requires attention during pre-defined standard hours to resolve the situation. The urgency is less than in critical situations because of a lesser immediate or impending effect on product performance, customers and the customer's operation and revenue such as
 1. reduction in product's capacity (but still able to handle the expected load),
 2. any loss of administrative or maintenance visibility of the product and/or diagnostic capability,
 3. repeated degradation of an essential component or function, or
 4. degradation of the product's ability to provide any required notification of malfunction.
- **Minor:** Other problems of a lesser severity than 'critical' or 'major' such as conditions that have little or no impairment on the function of the system

The numbered severity levels in the tables below correspond to these definitions:

- 1 - Critical
- 2 - Major
- 3 - Minor

Resolved Bug Listing

[Table 11: EAGLE Release 46.1.0-65.27.13 Resolved Bugs \(1/6/15\)](#) lists bugs that are resolved in the following build:

EAGLE 46.1.0-65.27.13.

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

Note: Resolved bugs are sorted in ascending order by Severity (Sev), and then by Bug number.

Table 11: EAGLE Release 46.1.0-65.27.13 Resolved Bugs (1/6/15)

| Bug # | CSR | Sev | Title | Customer Impact |
|----------|-----|-----|--|--|
| 19446389 | | 2 | Hourly System Status reports not being displayed on terminal. | The hourly system status report showing alarms was not displayed. However rept-stat-trbl can be used to show the current alarms. |
| 19099046 | | 3 | Commands getting rejected while deleting a shelf and configuring the Frame power threshold value for EF04 frame. | |
| 19103269 | | 3 | SLSTRACE for MSUs processed by SLSCNV feature prints same SLS value for incoming and Calculated SLS values. | |
| 19118374 | Y | 3 | Eagle is encoding incorrect value of CUG-CheckInfo parameter Tag in SRI_ACK message with MAP version 2. | Because of this issue other systems may not be able to properly decode the response of MAP version 2 having CUG-CheckInfo parameter. |
| 19118404 | | 3 | INH-CARDs are not communicating to the OAM. | |
| 19119456 | | 3 | R46_ST: CGPC incorrectly set to alias of incoming CGPC when CG RI=GT for domain crossing case. | |
| 19119536 | | 3 | data parameter taking epap as argument without Dual ExAP Config feature ON. | |
| 19120486 | | 3 | rtrv-srvsel:gtin24=4 not returning data. | |
| 19209070 | | 3 | R46.0:Upgrade fails for LINK SET with 94 card as, cards didnot come in IS-NR. | |
| 19239442 | | 3 | R46.0:DEIR card mostly fails upg & atleast given retry allow attempt. | |
| 19104522 | | 5 | Since Eagle 5 system are only available, the Eagle 5 FAK should be enabled / on for all new systems. | |
| 19114647 | | 5 | Oracle Communications EAGLE Intra Network Number Portability. | |
| 19211169 | | 5 | Remove from the code the use of SAKs (Software Access Keys). | |
| 19531134 | | 5 | EAGLE 46.1 and later releases no longer support the HIPR card. | |

Customer Known Bug Listing

Table 12: EAGLE Release 46.1 Customer Known Bugs (1/6/15) lists known bugs in this release:

Table 12: EAGLE Release 46.1 Customer Known Bugs (1/6/15)

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|----------|-----|-----|----------------|-------------|--|---|
| 1908892 | | 2 | Pending_Review | Monitor | 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. This bug has been addressed by a change in PIC 10.0 (Bug 19105739). The EAGLE team will monitor for this situation during the EAGLE 46.2 development/testing. |
| 19100102 | | 2 | Resolved | Defer | 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. |
| 19081572 | | 3 | Resolved | Defer | SCTP association allows connection from network != RHOST. | SCTP clients can attach to Eagle SCTP servers as long as 1 of the IP addresses in the SCTP INIT message matches the provisioned RHOST |
| 19081970 | | 3 | Resolved | Defer | Multihomed M3UA assoc is dropped due to cable pull in low traffic. | At very low uni-directional traffic rates, multi-homed associations may be dropped if the RTIMES/RMIN parameters are not tuned properly. |
| 19081993 | | 3 | Resolved | Defer | E5-E1T1 Inh/ Alw card causes ports to report yellow alarm until card is reset or another port created. | With ports provisioned, if card is inhibited then allowed, some of the provisioned ports may come up with a yellow |

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|----------|-----|-----|----------|-------------|--|--|
| | | | | | | alarm / Loss of Frame condition. Problem can be cleared by provisioning another port on the same framer (ports 0-3 and 4-7 are on different framers), or by INIT'ing the card. No card reseating is required. Problem was seen on only 3 cards (of 40 in the lab) and is intermittent. The problem only occurs on inhibit/allow. |
| 1908243 | Y | 3 | Resolved | Defer | EAGLE does not allow user to manipulate the listing order of a combined linkset. | Customer will have to delete all provisioning in the system and then re-add the data back in the order that they would like it listed in the route table. The current behavior may not allow the customer to groom their network for load sharing without a great deal of re-provisioning. |
| 19085171 | | 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. |
| 19086433 | | 3 | Resolved | Defer | Rel44.0_STC_ENETB: Rept-stat-card:mode=fullloc=<lim> incorrectly shows 'D' for TVG stats when all STC cards are inhibited. | May be some confusion as to why denied when in fact there are no service cards. Same information can be retrieved by other commands also like (rept-stat-slan, |

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|----------|-----|-----|----------|-------------|---|--|
| | | | | | | rept-stat-mfc etc.) which are working fine. |
| 19096850 | | 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." |
| 19098111 | | 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. |
| 19100830 | | 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. |
| 19106524 | | 3 | Resolved | Defer | R45-E5E1T1B:Lim denied SCCP service observed for E5E1T1-B/E5E1T1 with 40 bytes MSU even at below the card supported limits. | In the unlikely event that a customer network uses SCCP traffic that has high portion of SCCP MSUs under 40 bytes not all will receive SCCP service when using this card. |
| 19108981 | | 3 | Resolved | Defer | imt-lvl1 stats report - summary of peak values is summing results from all shelves. | The stat is showing the sum of peaks of all ten 100 msec periods for which peak values are collected, instead of the highest value of the 10 buckets. This makes it look like the IMT was busier than it really was. |
| 19109168 | | 3 | Resolved | Defer | False UIM generated at thermal threshold level 1 on DEIR card. | There may be confusion as to the availability of the card. However the card's status is reported |

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|----------|-----|-----|----------|-------------|---|--|
| | | | | | | correctly in rept-stat- and looking at IMT stats. |
| 19109251 | | 3 | Resolved | Defer | R45.1:UIM 1256 "NP Circular Route Detected" not coming for INPQ messages/service when circular route is detected. | The operator won't get a UIM if this occurs. However, the message is being processed correctly, and the error is being pegged, thus the operator can check for aggregate errors. |
| 19113193 | | 3 | Resolved | Defer | Point code displayed in CSV file by "csv_rtrv_print_pc" function contains leading blank spaces. | CSV files may contain leading spaces in the fields. |
| 19115482 | | 3 | Resolved | Defer | Only 32 SM (SIP + S13 + SCCP) cards allowed. | None, as this change was an attempt to modify existing rules to insure uniformity across all GPLs supported by service modules. Change was not actually done. |
| 19115838 | | 3 | Resolved | Defer | IMT LVL1 stats erro on low speed Perf Counts - IMTPCI. | The All Packets and All Bytes for HIPR card are incorrect under "low Speed Perf Counts" when a Class A card is installed in the slot. |
| 19115839 | | 3 | Resolved | Defer | IMT LVL1 stats report - High speed Errors only avail on summary report. | The output of rept-imt-lvl1 does not separate the data between shelves when there is more than one and the cumulative data shows does not allow the operator to identify the correct shelf with the error. |
| 19116005 | Y | 3 | Resolved | Defer | IPSG linkset report status not consistent. | Customer can get confused with the display of a non consistent linkset report. |
| 19117789 | | 3 | Resolved | Defer | R46_ST:CHG-SCR-OPC command takes extended processing time with IGLS feature On. | System is unavailable for further command entry until current command completes. |

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|----------|-----|-----|----------|-------------|--|--|
| 19118387 | | 3 | Resolved | Defer | EPMB class cards (includes E5-OAM and SM8GB) get stuck off IMT bus. | In extreme overload it is possible for E5-xxx-B cards to fail to reconnect to the IMT bus. To recover the cards must be power cycled. |
| 19119477 | | 3 | Resolved | Defer | HIPR2 - fibre channel bottle neck with large packets. | This condition has only been observed with lab tool testing. However it may be possible in extreme load condition when using features like BICC or STC copy to cause an IMT bus to fail. |
| 19120067 | | 3 | Resolved | Defer | ST_46.0: Monitored traffic loss is observed while running traffic at around 4650 TU on an ENET-A IPSP card with Fast copy. | There is no impact to routed traffic. Fast copy traffic may be disabled in certain heavy load conditions. |
| 19120334 | | 3 | Resolved | Defer | R46:UIM 1222-SCCP rcvd inv Cld Party-bad Selectors observed while sending an ATIERR rsp generated due to EGMS Action ATIERR. | Cross domain routing of an ATIERR response message may not work when incoming message is coming in ITUI domain having CGPA RI=GT with CGPC and EGMS is used. The error generated will be UIM 1222-SCCP rcvd inv Cld Party-bad Selectors. |
| 19120373 | | 3 | Resolved | Defer | Observed trouble <Module mfctmutl.c Line 1239 Class 01c3 Severity 1>. | This is indicator that timer to ensure card not stuck in MFC flow control has expired. No action required by the customer as system has self corrected. |
| 19239019 | | 3 | Resolved | Defer | R46.0:SIP Congestion alarms flooded on print trm with no SIP traffic running. | If upgrading a system with SIP cards the terminal may get flooded with ALM ""626: 626 - Unused trouble text entry"" and major alarm ""0622 ** CARD 4305 SIPHC SIP Threshold Level1"" for all the |

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|----------|-----|-----|----------|-------------|--|--|
| | | | | | | SIPHC cards in the system. |
| 19388261 | | 3 | Resolved | Defer | Upgrade cmd terminates with DB Maint. Required error due to DB levels unequal. | The OAM may take longer than expected to be available after boot. This can cause the upgrade to fail during Phase 2. The indication is that the DB levels will be different. Verify the DB levels are the same and if not, reissue the upgrade command. |
| 19680489 | | 3 | Resolved | Defer | Network Congestion leading to Full RamDisk and FTP Meas not transferring. | Measurements may fail to transfer due to Network issues. However, there is no indication the network issue is the problem. If there is a failure of measurement transfer, the network needs to be first validated/ fixed. Then the measurements need to be manually transferred. |
| 19920432 | | 3 | Resolved | Defer | Upgrade to 46.1.0-65.27.12 upgrade stops when threstype=SET. | Sets cannot be used for the upgrade to release 46.1. |
| 20070950 | | 3 | Resolved | Defer | R46.1:CGPC is getting updated for a Forward message with CNVCLGITU=OFF. | CGPC is getting updated for a Forward message with CNVCLGITU=OFF in the network conversion scenario from ITUN to ITUN16. |
| 20070985 | | 3 | Resolved | Defer | R46.1:CDPA PC is not getting modified for a Forward message with CNVCLGITU=ON. | CDPA PC is not getting modified for a Forward message with CNVCLGITU=ON while the message is crossing domain from ITUN to ITUN16. |
| 20077569 | | 3 | Resolved | Defer | R46.1:CGPC not getting modified with CNVCLGITU=ON for FWD/DUP message. | CGPC is not getting modified with CNVCLGITU=ON for FWD/DUP message |

| Bug# | CSR | Sev | Status | Disposition | Title | Customer Impact |
|------|-----|-----|--------|-------------|-------|--|
| | | | | | | Crossing Domain from ITUN to ITUN16. This happens when the incoming ITUN message has CG RI=GT and translation entry defined for CD has translated point code as ITUN and CG translation entry has translated point code as ITUN16 along with the Forward/Duplicate action provisioned with an ITUN16 point code. |

Chapter 8

Oracle References and Services

Topics:

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- *Emergency Response.....37*
- *Customer Training.....38*
- *Locate Product Documentation on the Oracle Technology Network Site.....38*
- *Locate Product Release Software on the Oracle Software Delivery Cloud Site.....38*

My Oracle Support (MOS)

MOS (<https://support.oracle.com>) is your initial point of contact for all product support and training needs. A representative at Customer Access Support (CAS) can assist you with MOS registration.

Call the CAS main number at **1-800-223-1711** (toll-free in the US), or call the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>. When calling, make the selections in the sequence shown below on the Support telephone menu:

1. Select **2** for New Service Request
2. Select **3** for Hardware, Networking and Solaris Operating System Support
3. Select one of the following options:
 - For Technical issues such as creating a new Service Request (SR), Select **1**
 - For Non-technical issues such as registration or assistance with MOS, Select **2**

You will be connected to a live agent who can assist you with MOS registration and opening a support ticket.

MOS is available 24 hours a day, 7 days a week, 365 days a year.

Emergency Response

In the event of a critical service situation, emergency response is offered by the Customer Access Support (CAS) main number at **1-800-223-1711** (toll-free in the US), or by calling the Oracle Support hotline for your local country from the list at <http://www.oracle.com/us/support/contact/index.html>. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:

- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration
- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.

Customer Training

Oracle University offers expert training on Oracle Communications solutions for service providers and enterprises. Make sure your staff has the skills to configure, customize, administer, and operate your communications solutions, so that your business can realize all of the benefits that these rich solutions offer. Visit the Oracle University web site to view and register for Oracle Communications training: education.oracle.com/communication. To reach Oracle University:

- In the US, please dial 800-529-0165.
- In Canada, please dial 866-825-9790.
- In Germany, please dial 0180 2000 526 (toll free) or +49 8914301200 (International).
- In Spain, please dial +34 91 6267 792.
- In the United Kingdom, please dial 0845 777 7 711 (toll free) or +44 11 89 726 500 (International).

For the appropriate country or region contact phone number for the rest of the world, please visit Oracle University's web site at <http://www.oracle.com/education/contacts>.

Locate Product Documentation on the Oracle Technology Network Site

Oracle customer documentation is available on the web at the Oracle Technology Network (OTN) site, <http://docs.oracle.com>. You do not have to register to access these documents. Viewing these files requires Adobe Acrobat Reader, which can be downloaded at www.adobe.com.

1. Log into the Oracle Technology Network site at <http://docs.oracle.com>.
2. Select the **Applications** tile.
The **Applications Documentation** page appears.
3. Select **Apps A-Z**.
4. After the page refreshes, select the **Communications** link to advance to the **Oracle Communications Documentation** page.
5. Navigate to your Product and then the Release Number, and click the **View** link (note that the Download link will retrieve the entire documentation set).
6. To download a file to your location, right-click the **PDF** link and select **Save Target As**.

Locate Product Release Software on the Oracle Software Delivery Cloud Site

Oracle Communications software is available for electronic download at the Oracle Software Delivery Cloud (OSDC) site, <https://edelivery.oracle.com>. Only authorized customers with a valid password may download software from the site.

1. Log into the Oracle Software Delivery Cloud site at <https://edelivery.oracle.com>.

The **Terms & Restrictions** page appears.

2. Read and accept both the Oracle Trial License Agreement and the Export Restrictions Agreement. The **Media Pack Search** page appears.
3. Select **Oracle Communications** for Product Pack and **Tekelec** for Platform.
4. Click the **Go** button.
All media packs that meet the search criteria are displayed on the page.
5. Select the media pack for your Product and Release Number and click the **Continue** button. The **Download** page appears.
6. Provide a valid password in the **Password** field and click the **Go** button.
7. To download a file to your location, click the **Download** button.

Appendix

A

Firmware Components

| This appendix is not applicable to EAGLE releases.