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Database Administration Manual - SEAS

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Chapter 1

Introduction

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Chapter 1, Introduction, contains general information about the database and the organization of this manual.

Overview

Database Administration Manual-SEAS describes the procedures that can be performed from the Signaling Engineering and Administration Center (SEAC) or a Signaling Network Control Center (SNCC) to configure the EAGLE 5 ISS. These procedures contain these items:

- A brief description of the procedure
- A reference to the EAGLE 5 ISS procedure in either *Database Administration Manual - SS7*, *Database Administration Manual - Gateway Screening*, or *Database Administration Manual - Global Title Translation* that contains more information on that procedure.
- A flowchart showing the order that the tasks must be performed.
- A list of any EAGLE 5 ISS command parameters that SEAS does not support.

It is possible for two or more users to make changes to the same database element at any time during their database administration sessions. It is strongly recommended that only one user at a time make any changes to the database.

For those tasks that are compatible with SEAS, the flowchart contains a description of the task to be performed. For those tasks that are not compatible with SEAS, the flowchart uses the EAGLE 5 ISS command and parameters with the SEAS `FLOW-THRU` command to describe the task to be performed. If more information on the EAGLE 5 ISS commands is needed, go to the *Commands Manual* to find the required information.

Procedures that contain these requirements cannot be performed from the SEAS interface.

- Procedures that use a removable cartridge (with the MDAL card) or removable media (with the E5-MASP) cannot be performed from the SEAC or SNCC because the removable cartridge or removable media can only be inserted or removed at the EAGLE 5 ISS's location.
- Procedures that require using security administration commands because the EAGLE 5 ISS does not allow security administration commands to be executed from the SEAS interface.
- Procedures that require SEAS terminals to be placed out of service. This would not allow the SEAS interface to communicate with the EAGLE 5 ISS, so these procedures cannot be performed from the SEAS interface.
- Procedures that use EAGLE 5 ISS commands that have no SEAS equivalent commands to perform all the steps in the procedure, or that reference other procedures not included in this manual. To perform these procedures, go to either *Database Administration Manual - SS7*, *Database Administration Manual - Gateway Screening*, or *Database Administration Manual - Global Title Translation* and perform these procedures using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The following is a list of the procedures contained in *Database Administration Manual - SS7*, *Database Administration Manual - Gateway Screening*, or *Database Administration Manual - Global Title Translation* that are not included in this manual because they cannot be performed using SEAS commands.

Database Administration Manual - SS7

- These procedures in Chapter 2, "Configuring Destination Tables"
  - Changing the DPC Quantity
  - Changing the Format of ITU National Point Codes
  - Activating the ITU National and International Spare Point Code Support Feature
  - Adding a Point Code to the Self-Identification of the EAGLE 5 ISS
  - Adding a Secondary Point Code

  - Removing a Secondary Point Code
  - Changing the Group Code Assigned to an ITU National Point Code
  - Changing the Proxy Point Code Quantity
- These procedures in Chapter 3, "SS7 Configuration"
  - Enabling the Large System # Links Controlled Feature
  - Using Proxy Point Codes and Secondary Point Codes when Adding a Linkset
  - Activating the SLS Bit Rotation by Incoming Linkset Feature
  - Verifying the New Adjacent Point Code or New Secondary Point Code for a Linkset
  - Using the MULTGC Parameter when Changing the Attributes of a Linkset
  - Configuring an ITU Linkset with a Secondary Adjacent Point Code (SAPC)
  - Removing a Route
  - Changing Level 2 Timers
  - Changing Level 3 Timers
  - Changing a Signaling Link Test Message
  - Configuring Circular Route Detection
  - Configuring the TFA/TFR Pacing Rate
  - Configuring the Frequency of RST Messages on Low Priority Routes
  - Adding Remote Loopback Points
  - Removing Remote Loopback Points
  - Changing Remote Loopback Points
  - Configuring the EAGLE 5 ISS for Random SLS Generation
  - Configuring the Options for the TDM Global Timing Interface
  - Configuring the Restricted Linkset Option
  - Configuring the Options for Handling TFCs on ITU-I and ITU-N Networks
  - Changing the High-Capacity Card Temperature Alarm Thresholds
  - Activating the MTP Origin-Based Routing Feature
  - Configuring the MTP Origin-Based Routing SCCP OPC Option
  - Adding an Exception Route Entry
  - Removing a Route Exception Entry
  - Changing a Route Exception Entry
  - Activating the Circular Route Auto-Recovery Feature
  - Turning the Circular Route Auto-Recovery Feature Off
  - Activating the Enhanced Far-End Loopback Detection Feature
  - Turning the Enhanced Far-End Loopback Detection Feature Off
  - Activating the Multiple Linksets to Single Adjacent PC (MLS) Feature
  - Configuring the ITU Linkset NI Mapping Options
  - Configuring the Option for Handling Message Priorities for Messages Crossing into ITU-I and ITU-N
  - Activating the 6-Way Load Sharing on Routesets Feature
- All the procedures in Chapter 4, "Point Code and CIC Translation Configuration."
- All the procedures in Appendix A, "E1 Interface."
- All the procedures in Appendix B, "T1 Interface," except the "Adding a T1Signaling Link," procedure. The procedure for configuring T1 signaling links is included in the *Adding an SS7 Signaling Link* procedure.

- All the procedures in Appendix C, “ATM Signaling Link Configuration,” except the “Adding an ATM High-Speed Signaling Link,” procedure. This procedure issued to configure both ANSIATM and E1 ATM high-speed signaling links. The procedure for configuring ANSI ATM High-Speed signaling links is included in the *Adding an SS7 Signaling Link* procedure. The EAGLE 5 ISS can also have E1 ATM High-Speed signaling links. The configuration of these signaling links is not supported by SEAS.
- The Configuring the MFC Option procedure located in Appendix D, "Reference Information."

Database Administration Manual - Gateway Screening

- These procedures in Chapter 2, “Gateway Screening (GWS) Overview”
  - Adding a GLS Card
  - Removing a GLS Card
  - Configuring Gateway Screening Stop Action Sets
  - Configuring TLNP Gateway Screening Stop Action Sets
  - Removing Gateway Screening Stop Action Sets
  - Activating the MTP Routed GWS Stop Action Feature
  - Turning the MTP Routed GWS Stop Action Feature Off
- All the procedures in Chapter 13, “Screen Set Configuration”
- All the procedures in Chapter 14, “Calling Name Conversion Facility (CNCF) Configuration”

Database Administration Manual - Global Title Translation

- These procedures in Chapter 2, “Global Title Translation (GTT) Overview”
  - Adding a Service Module
  - Removing a Service Module
  - Configuring the MFC Option
  - Adding a Mapped SS7 Message Translation Type
  - Removing a Mapped SS7 Message Translation Type
  - Changing a Mapped SS7 Message Translation Type
  - Adding a Concerned Signaling Point Code
  - Removing Concerned Signaling Point Codes
  - Provisioning a Solitary Mated Application
  - Provisioning a Load Shared Mated Application
  - Provisioning a Combined Dominant/Load Shared Mated Application
  - Changing the Mated Application Type
  - Changing the Weight and In-Service Threshold Values of a Mated Application
  - Changing the MRNSET and MRN Point Code Values of MAP Entries
  - Provisioning MRN Entries
  - Removing MRN Entries
  - Changing the Relative Cost Values of MRN Entries
  - Changing MRN Entries with the ESWT Parameter
  - Changing the Weight and Threshold Values of MRN Entries
  - Adding a GT Conversion Table Entry
  - Removing a GT Conversion Table Entry
  - Changing a GT Conversion Table Entry
  - Changing the ANSI/ITU SCCP Conversion Options
  - Changing SCCP Class 1 Sequencing Option

- Changing the SCCP Alarm Thresholds
- Changing the Transaction-Based GTT Load Sharing Options
- Adding a Loopset
- Removing a Loopset
- Changing the Attributes of a Loopset
- Configuring the ANSI to ITU-N SCCP Conversion Option
- Configuring an SCCP Test Message
- Adding Global Title Modification Information
- Removing Global Title Modification Information
- Changing Global Title Modification Information

- These procedures in Chapter 3, “Global Title Translation (GTT) Configuration”
  - Adding a Translation Type
  - Removing a Translation Type
- These procedures in Chapter 4, “Enhanced Global Title Translation (EGTT) Configuration”
  - Adding a GTT Set
  - Removing a GTT Set
  - Changing a GTT Set
  - Adding a GTT Selector
  - Removing a GTT Selector
  - Changing a GTT Selector
  - Changing the Default GTT Mode Options
  - Adding a GTT Action
  - Removing a GTT Action
  - Changing a GTT Action
  - Adding a GTT Action Set
  - Removing a GTT Action Set
  - Changing a GTT Action Set
  - Adding a GTT Action Path
  - Removing a GTT Action Path
  - Changing a GTT Action Path
- All the procedures in Appendix A, “Controlled Feature Activation Procedures”
- All the procedures in Appendix B, “MO SMS B-Party Routing Configuration Procedures"
- All the procedures in Appendix C, “MO SMS Prepaid Intercept on B-Party Configuration Procedures"

Throughout this manual, these terms are used to refer to either the original card or the EPM-B version or other replacement version of the card unless one of the card types is specifically required.

- E5-ENET - the original E5-ENET or the E5-ENET-B card
- E5-ATM - the original E5-ATM or the E5-ATM-B card
- E5-IPSM - the original E5-IPSM or the E5-ENET-B card that is running the IPSHC GPL
- E5-SM4G - the original E5-SM4G or the E5-SM8G-B card (not an EPM-B card)
- MCPM - the original MCPM or the E5-MCPM-B card

Scope and Audience

This manual is intended for database administration personnel or translations personnel in the Signaling Engineering and Administration Center (SEAC) or the Signaling Network Control Center (SNCC) to create, modify, display, and maintain the EAGLE 5 ISS database, and to configure the EAGLE 5 ISS.

Manual Organization

Throughout this document, the terms "database" and "system software" are used. Database refers to all data that can be administered by the user, including shelves, cards, links, routes, global title translation tables, and gateway screening tables. System software refers to data that cannot be administered by the user, including generic program loads (GPLs).

This document is organized into the following sections.

Introduction contains general information about the database and the organization of this manual.

Configuring Destination Tables describes the methods for configuring destination point codes (DPCs) in the database of the EAGLE 5 ISS.

SS7 Configuration describes the procedures necessary to configure the EAGLE 5 ISS to support the SS7 network.

Global Title Translation (GTT) Configuration describes the procedures used to administer global title translation data.

Gateway Screening (GWS) Configuration describes the procedures used to administer gateway screening data.

Enhanced Global Title Translation (EGTT) Configuration describes the procedures used to administer the data required for the enhanced global title translation feature.

EAGLE 5 ISS/SEAS Compliance Matrix shows how the EAGLE 5 ISS complies with the specifications for SEAS as defined in the SEAS-STP *Interface Specification*, GR-*310*-CORE, *Issue 1, November 1994* and the SEAS-STP *Gateway Function Interface Specification*, GR-*778*-CORE, *Issue 1, November 1994*.

Documentation Admonishments

Admonishments are icons and text throughout this manual that alert the reader to assure personal safety, to minimize possible service interruptions, and to warn of the potential for equipment damage.

Table 1: Admonishments

Icon	Description
	Danger: (This icon and text indicate the possibility of *personal injury*.)
	Warning: (This icon and text indicate the possibility of *equipment damage*.)
	Caution: (This icon and text indicate the possibility of *service interruption*.)
	Topple: (This icon and text indicate the possibility of *personal injury* and *equipment damage*.)

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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

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Documentation Availability, Packaging, and Updates

Tekelec provides documentation with each system and in accordance with contractual agreements. For General Availability (GA) releases, Tekelec publishes a complete EAGLE 5 ISS documentation set. For Limited Availability (LA) releases, Tekelec may publish a documentation subset tailored to specific feature content or hardware requirements. Documentation Bulletins announce a new or updated release.

The Tekelec EAGLE 5 ISS documentation set is released on an optical disc. This format allows for easy searches through all parts of the documentation set.

The electronic file of each manual is also available from the *Tekelec Customer Support* site. This site allows for 24-hour access to the most up-to-date documentation, including the latest versions of Feature Notices.

Printed documentation is available for GA releases on request only and with a lead time of six weeks. The printed documentation set includes pocket guides for commands and alarms. Pocket guides may also be ordered separately. Exceptions to printed documentation are:

- Hardware or Installation manuals are printed without the linked attachments found in the electronic version of the manuals.
- The Release Notice is available only on the Customer Support site.

Note: Customers may print a reasonable number of each manual for their own use.

Documentation is updated when significant changes are made that affect system operation. Updates resulting from Severity 1 and 2 Problem Reports (PRs) are made to existing manuals. Other changes are included in the documentation for the next scheduled release. Updates are made by re-issuing an electronic file to the customer support site. Customers with printed documentation should contact their Sales Representative for an addendum. Occasionally, changes are communicated first with a Documentation Bulletin to provide customers with an advanced notice of the issue until officially released in the documentation. Documentation Bulletins are posted on the Customer Support site and can be viewed per product and release.

Locate Product Documentation on the Customer Support Site

Access to Tekelec's Customer Support site is restricted to current Tekelec customers only. This section describes how to log into the Tekelec Customer Support site and locate a document. Viewing the document requires Adobe Acrobat Reader, which can be downloaded at www.adobe.com.

1. Log into the *Tekelec Customer Support* site.

   Note: If you have not registered for this new site, click the **Register Here** link. Have your customer number available. The response time for registration requests is 24 to 48 hours.

2. Click the **Product Support** tab.
3. Use the Search field to locate a document by its part number, release number, document name, or document type. The Search field accepts both full and partial entries.
4. Click a subject folder to browse through a list of related files.
5. To download a file to your location, right-click the file name and select **Save Target As**.

Maintenance and Administration Subsystem

The Maintenance and Administration Subsystem (MAS) is the central management point for the EAGLE 5. The MAS provides user interface, maintenance communication, peripheral services, alarm processing, system disk interface, and measurements. Management and redundancy are provided by use of two separate subsystem processors.

The MAS resides on two separate sets of Maintenance and Administration Subsystem Processor (MASP) cards and a Maintenance Disk and Alarm card (collectively referred to as control cards). The control cards are located in slots 1113 through 1118 of the EAGLE 5 control shelf. The control cards must be E5-based cards.

E5-based Control Cards

The E5-based set of EAGLE 5 control cards consists of the following cards:

- Two Maintenance and Administration Subsystem Processor cards (E5-MASP) cards. Each dual-slot E5-MASP card is made up of the following two modules:
  - Maintenance Communication Application Processor (E5-MCAP) card
  - Terminal Disk Module (E5-TDM) card
- One Maintenance Disk and Alarm card (E5-MDAL card)

Maintenance Communication Application Processor (E5-MCAP) Card

The E5-MCAP card contains the Communications Processor and Applications Processor and provides connections to the IMT bus. The card controls the maintenance and database administration activity and performs both application and communication processing. E5-MCAP cards are located in slots 1113 and 1115 of the control shelf.

Each E5-MCAP card contains two USB ports. One latched USB port is used with removable flash media (“thumb drives”), and one flush-mounted USB port is used with a plug-in flash drive. The

removable media drive in the latched USB port is used to install and back up customer data. The flush-mounted USB port is used for upgrade and could be used for disaster recovery.

Terminal Disk Module (E5-TDM) Card

The E5-TDM card provides the Terminal Processor for the 16 I/O ports, and interfaces to the Maintenance Disk and Alarm (E5-MDAL) card and fixed disk storage. The E5-TDM card also distributes Composite Clocks and High Speed Master clocks throughout the EAGLE 5, and distributes Shelf ID to the EAGLE 5. Each E5-TDM card contains one fixed SATA drive that is used to store primary and backup system databases, measurements, and Generic Program Loads (GPLs). E5-TDM cards are located in slots 1114 and 1116 of the control shelf.

Maintenance Disk and Alarm (E5-MDAL) Card

The E5-MDAL card processes alarm requests and provides fan control. There is only one E5-MDAL card in a control card set. Critical, major, and minor system alarms are provided for up to 6 individual frames. In addition to the 3 system alarms, the E5-MDAL card provides the system audible alarm. The E5-MDAL card provides control of fans on a per-frame basis, and allows for each fan relay to be set individually. The E5-MDAL card is located in slots 1117 and 1118 of the control shelf.

EAGLE 5 ISS Database Partitions

The data that the EAGLE 5 uses to perform its functions are stored in two separate areas: the fixed disk drives, and the removable cartridge. The following sections describe these areas and data that is stored on them. These areas and their partitions are shown in *Figure 1: EAGLE 5 ISS Database Partitions (E5-Based Control Cards)*.

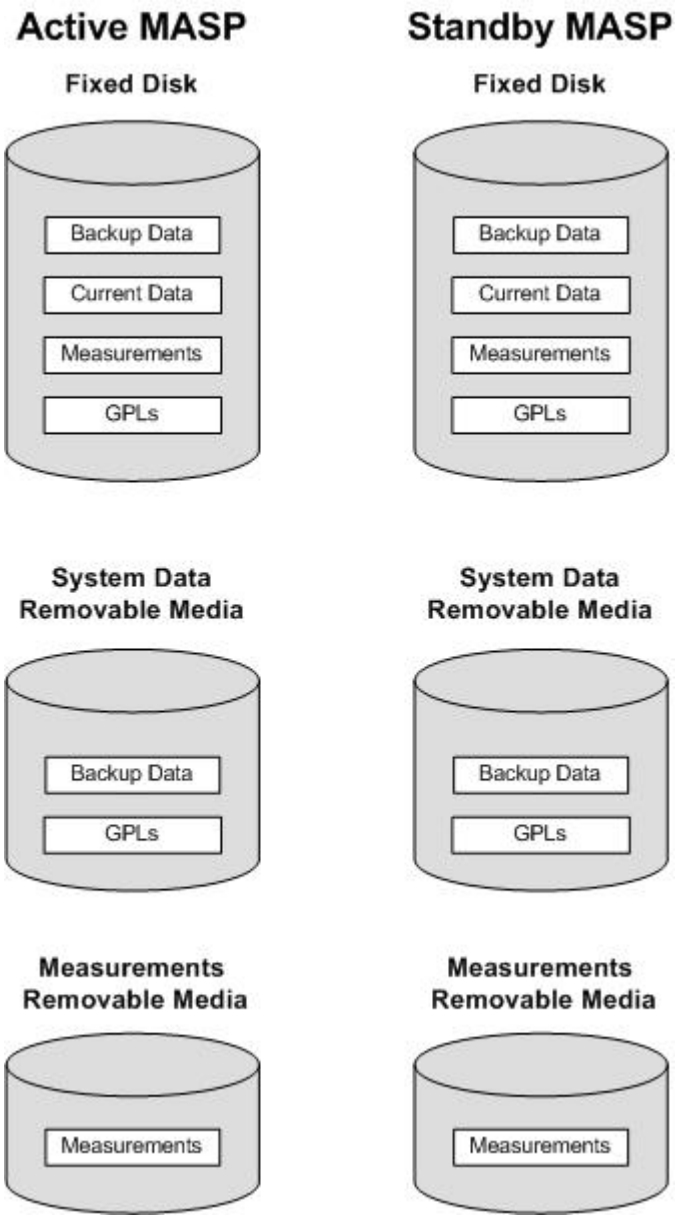


Figure 1: EAGLE 5 ISS Database Partitions (E5-Based Control Cards)

Fixed Disk Drive

There are two fixed disk drives on the EAGLE 5. The fixed disk drives contain the "master" set of data and programs for the EAGLE 5. The two fixed disk drives are located on the terminal disk modules (E5-TDMs). Both disks have the same files. The data stored on the fixed disks is partially replicated on the various cards in the EAGLE 5. Changes made during database administration sessions are sent to the appropriate cards.

The data on the fixed disks can be viewed as four partitions.

- Current partition

- Backup partition
- Measurements partition
- Generic program loads (GPLs) partition

The data which can be administered by users is stored in two partitions on the fixed disk, a current database partition which has the tables which are changed by on-line administration, and a backup database partition which is a user-controlled copy of the current partition.

All of the on-line data administration commands affect the data in the current partition. The purpose of the backup partition is to provide the users with a means of rapidly restoring the database to a known good state if there has been a problem while changing the current partition.

A full set of GPLs is stored on the fixed disk, in the GPL partition. There is an approved GPL and a trial GPL for each type of GPL in this set and a utility GPL, which has only an approved version. Copies of these GPLs are downloaded to the EAGLE 5 cards. The GPL provides each card with its functionality. For example, the `ss7ansi` GPL provides MTP functionality for link interface modules (LIMs).

Measurement tables are organized as a single partition on the fixed disk. These tables are used as holding areas for the measurement counts.

Removable Media

The removable media is used with the E5-MCAP card portion of the E5-MASP in card locations 1113 and 1115.

The removable media is used for two purposes.

- To hold an off-line backup copy of the administered data and system GPLs
- To hold a copy of the measurement tables

Because of the size of the data stored on the fixed disk drives on the E5-TDMs, a single removable media cannot store all of the data in the database, GPL and measurements partitions.

To use a removable media to hold the system data, it must be formatted for system data. To use a removable media to hold measurements data, it must be formatted for measurements data. The EAGLE 5 provides the user the ability to format a removable media for either of these purposes. A removable media can be formatted on the EAGLE 5 by using the `format-disk` command. More information on the `format-disk` command can be found in *Commands Manual*. More information on the removable media drives can be found in *Hardware*.

Additional and preformatted removable media are available from the *Customer Care Center*.

Chapter 2

Configuring Destination Tables

Topics:

- *Adding a Cluster Point Code.....26*
- *Changing the Attributes of a Cluster Point Code.....30*
- *Adding a Network Routing Point Code.....34*
- *Changing the Self Identification of the EAGLE 5 ISS.....37*
- *Adding a Destination Point Code.....43*
- *Removing a Destination Point Code.....46*
- *Changing a Destination Point Code.....49*

Chapter 2, Configuring Destination Tables, describes the methods for configuring destination point codes (DPCs) in the database of the EAGLE 5 ISS.

Adding a Cluster Point Code

This procedure is used to add a cluster point code for the cluster routing and management diversity feature to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, `rtrv-stpopts`, `chg-stpopts`, `rtrv-ctrl-feat`, `rtrv-dstn`, and `chg-db`. For more information on this procedure, see "Adding a Cluster Point Code" in the *Database Administration Manual – SS7*.

Note: Once the cluster routing and management diversity and nested cluster routing features are turned on with the `chg-feat` command, they cannot be turned off.

The cluster routing and management diversity and nested cluster routing features must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the cluster routing and management diversity and nested cluster routing features, contact your Tekelec Sales Representative or Account Representative.

Note: A cluster point code cannot be a proxy point code.

If you wish to use the following parameters of the EAGLE 5 ISS's `ent-dstn` command: `nprst`, `rcause`, `sccpmsgcnv`, or `splitiam` parameters, perform the "Adding a Cluster Point Code" procedure in the *Database Administration Manual - SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The EAGLE 5 ISS accepts the values for the `ncai` parameter as a supplier specific parameters. *Table 2: NCAI Supplier Specific Parameter Values* shows how the EAGLE 5 ISS `ncai` parameter values are mapped to the SEAS values. For more information on the `ncai` parameter, see "Adding a Cluster Point Code" in the *Database Administration Manual* – SS7.

Table 2: NCAI Supplier Specific Parameter Values

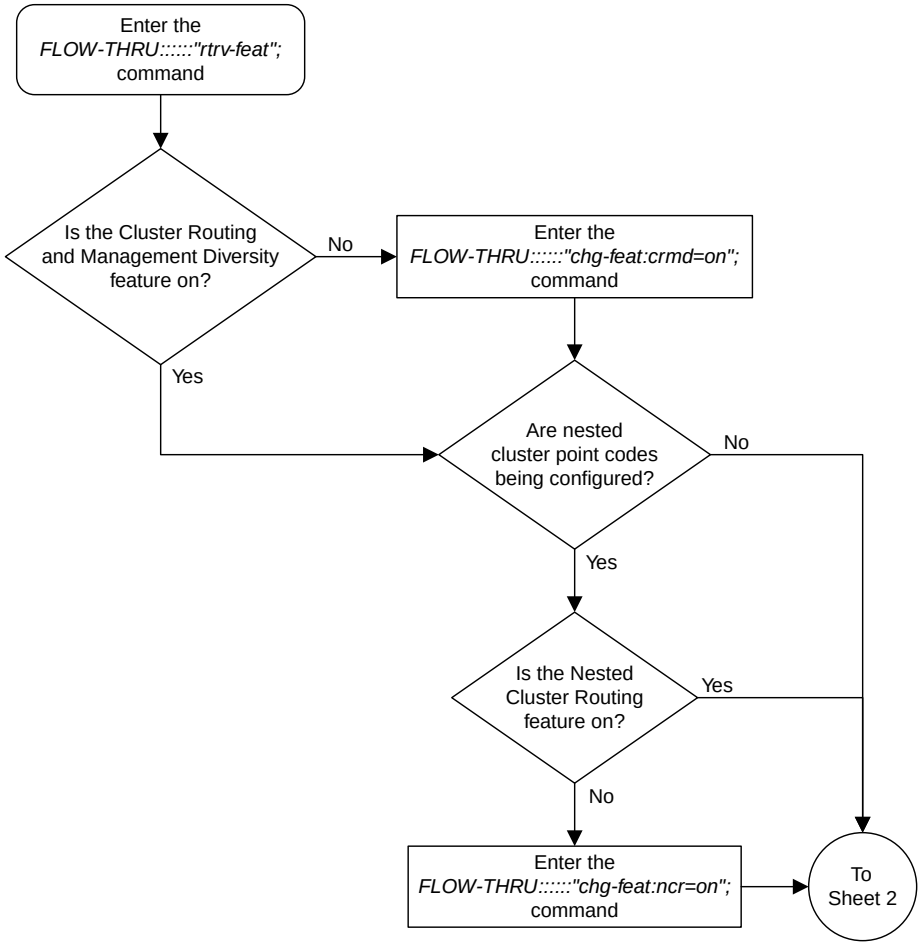
Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
NCAI	YES NO	1 0	The nested cluster allowed indicator. This parameter specifies whether or not the route to the cluster point code can be different from the route to a point code that is a member of the cluster point code.

The supplier specific parameter is optional. The default value for the supplier specific parameter will be entered if that parameter is not specified when adding a cluster point code. The default value for the `NCAI` parameter is `NO`.

To change the attributes of an existing cluster point code, perform the *Changing the Attributes of a Cluster Point Code* procedure.

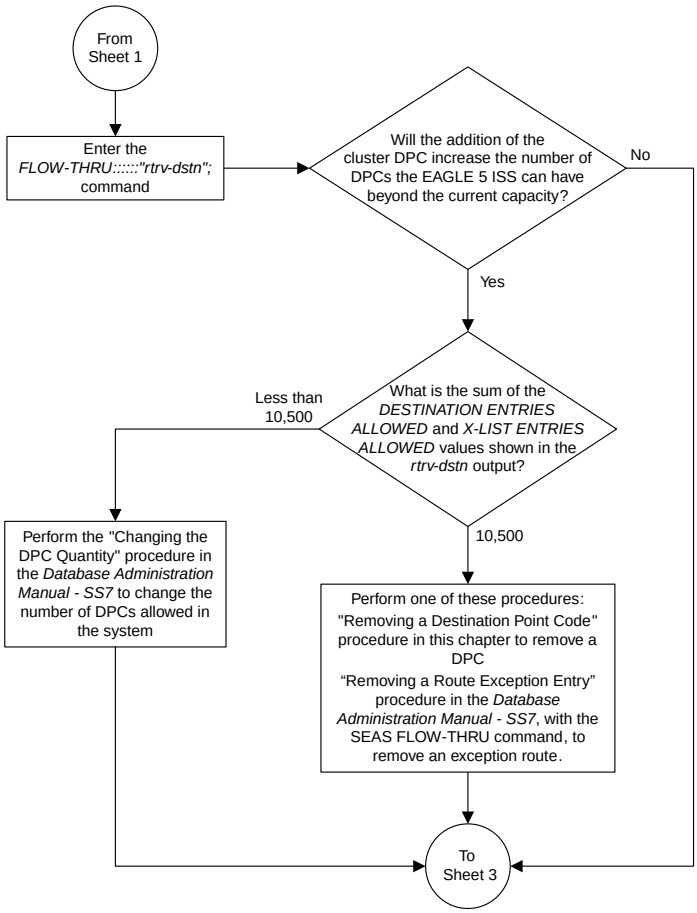
To remove a cluster point code from the database, perform the *Removing a Destination Point Code* procedure.

Note: Before executing this procedure, make sure you have purchased the cluster routing and management diversity and nested cluster routing features. If you are not sure if you have purchased the cluster routing and management diversity or nested cluster routing features, contact your Tekelec Sales Representative or Account Representative.

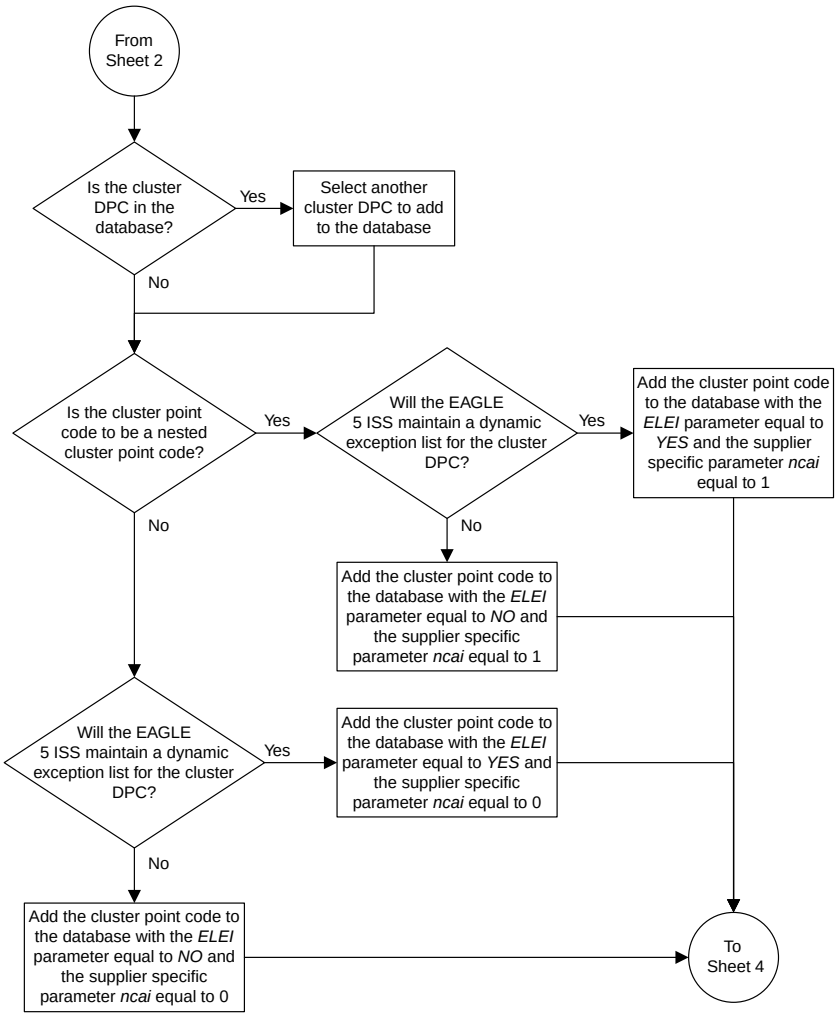


Sheet 1 of 4

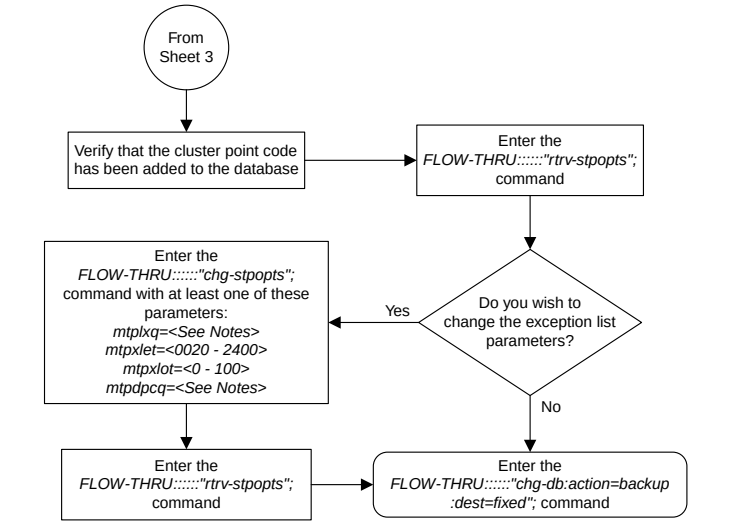
Figure 2: Adding a Cluster Point Code from the SEAS Terminal


From Sheet 1
Enter the *FLOW-THRU*::::::*"rtrv-dstn"*; command
Will the addition of the cluster DPC increase the number of DPCs the EAGLE 5 ISS can have beyond the current capacity?
No
Yes
What is the sum of the *DESTINATION ENTRIES ALLOWED* and *X-LIST ENTRIES ALLOWED* values shown in the *rtrv-dstn* output?
Less than 10,500
10,500
Perform the "Changing the DPC Quantity" procedure in the *Database Administration Manual - SS7* to change the number of DPCs allowed in the system
Perform one of these procedures:
"Removing a Destination Point Code" procedure in this chapter to remove a DPC
"Removing a Route Exception Entry" procedure in the *Database Administration Manual - SS7*, with the SEAS FLOW-THRU command, to remove an exception route.
To Sheet 3

Sheet 2 of 4


From Sheet 2
Is the cluster DPC in the database?
Yes
Select another cluster DPC to add to the database
No
Is the cluster point code to be a nested cluster point code?
Yes
Will the EAGLE 5 ISS maintain a dynamic exception list for the cluster DPC?
Yes
Add the cluster point code to the database with the ELEI parameter equal to YES and the supplier specific parameter ncai equal to 1
No
Add the cluster point code to the database with the ELEI parameter equal to NO and the supplier specific parameter ncai equal to 1
No
Will the EAGLE 5 ISS maintain a dynamic exception list for the cluster DPC?
Yes
Add the cluster point code to the database with the ELEI parameter equal to YES and the supplier specific parameter ncai equal to 0
No
Add the cluster point code to the database with the ELEI parameter equal to NO and the supplier specific parameter ncai equal to 0
To Sheet 4

Sheet 3 of 4



Notes:

1. The sum of the values for the *mtpdpcq* and *mtpxlq* parameters cannot exceed these values, depending which routeset quantity has been enabled with the EAGLE 5 ISS's *enable-ctrl-feat* command, or turned on with the EAGLE 5 ISS's *chg-feat* command:

   5000 routes is not turned on, 6000, 7000, 8000, or 10,000 routesets is not enabled - **2500**. The range of values for the *mtpdpcq* and *mtpxlq* parameters is 500 to 2000.

   5000 routes is turned on, 6000, 7000, 8000, or 10,000 routesets is not enabled - **5500**. The range of values for the *mtpdpcq* and *mtpxlq* parameters is 500 to 5000.

   6000 routesets are enabled - **6500**. The range of values for the *mtpdpcq* and *mtpxlq* parameters is 500 to 6000.

   7000 routesets are enabled - **7500**. The range of values for the *mtpdpcq* parameter is 500 to 7000. The range of values for the *mtpxlq* parameter is 500 to 6000.

   8000 routesets are enabled - **8500**. The range of values for the *mtpdpcq* parameter is 500 to 8000. The range of values for the *mtpxlq* parameter is 500 to 6000.

   10,000 routesets are enabled - **10500**. The range of values for the *mtpdpcq* and *mtpxlq* parameters is 500 to 10,000.

2. If the DPC quantity or the exception list quantity is being changed, both the *mtpdpcq* and *mtpxlq* parameters do not have to be specified unless the resulting sum of the *mtpdpcq* and *mtpxlq* parameters would exceed the totals shown in Note 1.

   For example, the current *mtpdpcq* value is 4000 and the current *mtpxlq* value is 1500, resulting in a sum of 5500, and only the 5000 Routes feature is on. To increase either value, both parameters must be specified and the sum of the new values cannot exceed 5500. If either value is being decreased, the other parameter can be specified as long as the sum of the values does not exceed 5500.

   If in this example, the current *mtpdpcq* value is 3000 and the current *mtpxlq* value is 1500, resulting in a sum of 4500, either parameter value can be changed without specifying the other parameter as long as the sum of the values does not exceed 5500.

Sheet 4 of 4

Changing the Attributes of a Cluster Point Code

This procedure is used to change the attributes of a cluster point code for the cluster routing and management diversity feature to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Changing the Attributes of a Cluster Point Code" in the *Database Administration Manual – SS7*.

Note: Once the nested cluster routing feature is turned on with the `chg-feat` command, it cannot be turned off.

If you plan to use the supplier specific parameter `ncai` with this procedure, the nested cluster routing feature must be purchased before you turn the feature on with the `chg-feat` command. If you are not sure whether you have purchased the nested cluster routing feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use the following parameters of the EAGLE 5 ISS's `chg-dstn` command: `nprst`, `rcause`, `sccpmsgcnv`, or `splitiam` parameters, perform the "Changing the Attributes of a Cluster Point Code" procedure in the *Database Administration Manual - SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The EAGLE 5 ISS accepts the values for the `ncai` parameter as a supplier specific parameters. *Table 3: NCAI Supplier Specific Parameter Values* shows how the EAGLE 5 ISS `ncai` parameter values are mapped to the SEAS values. For more information on the `ncai` parameter, see "Changing the Attributes of a Cluster Point Code" in the *Database Administration Manual – SS7*.

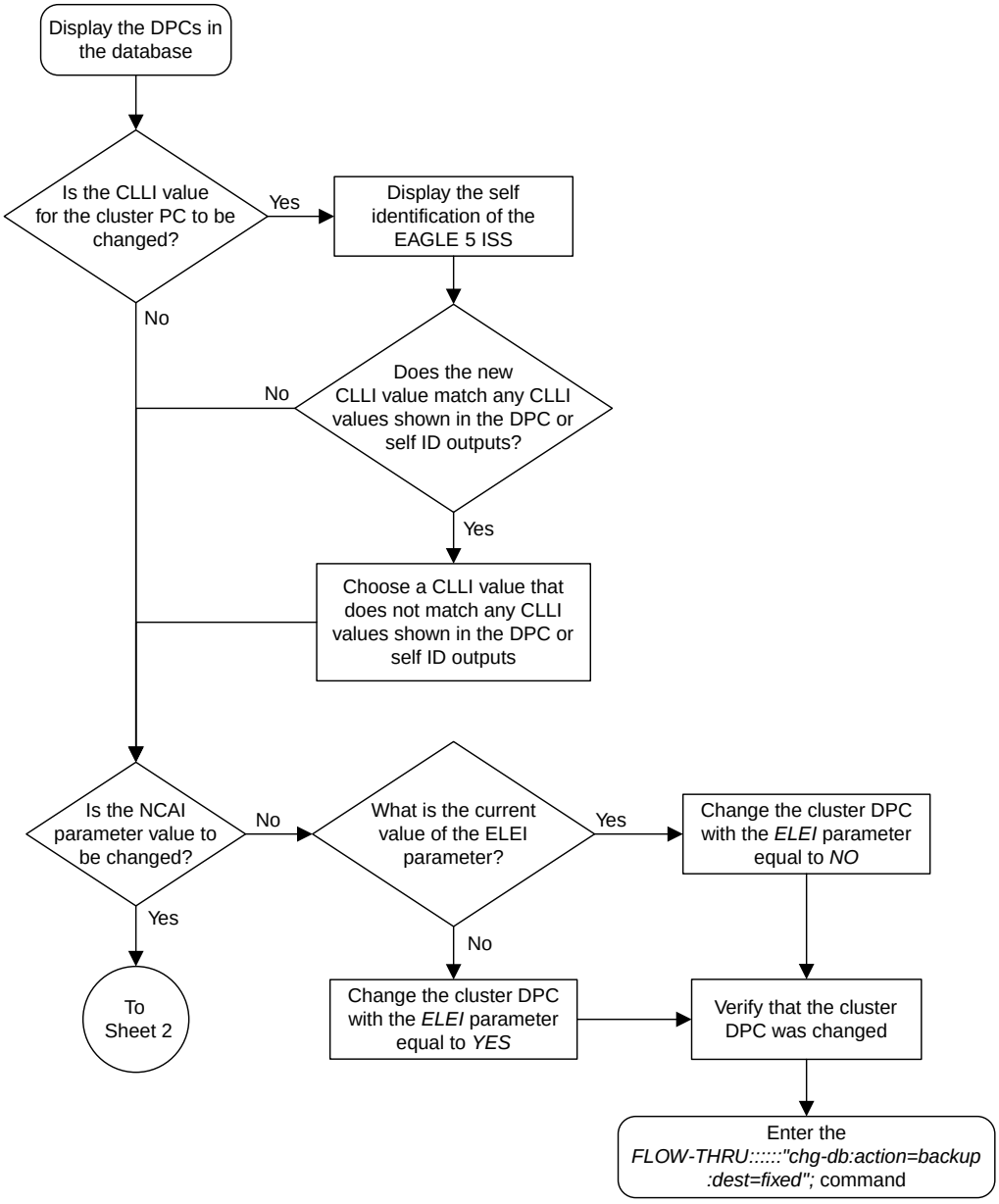
Table 3: NCAI Supplier Specific Parameter Values

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
NCAI	YES NO	1 0	The nested cluster allowed indicator. This parameter specifies whether or not the route to the cluster point code can be different from the route to a point code that is a member of the cluster point code.

The supplier specific parameter is optional. The current value of any supplier specific parameter is not changed if the supplier specific parameter is not specified.

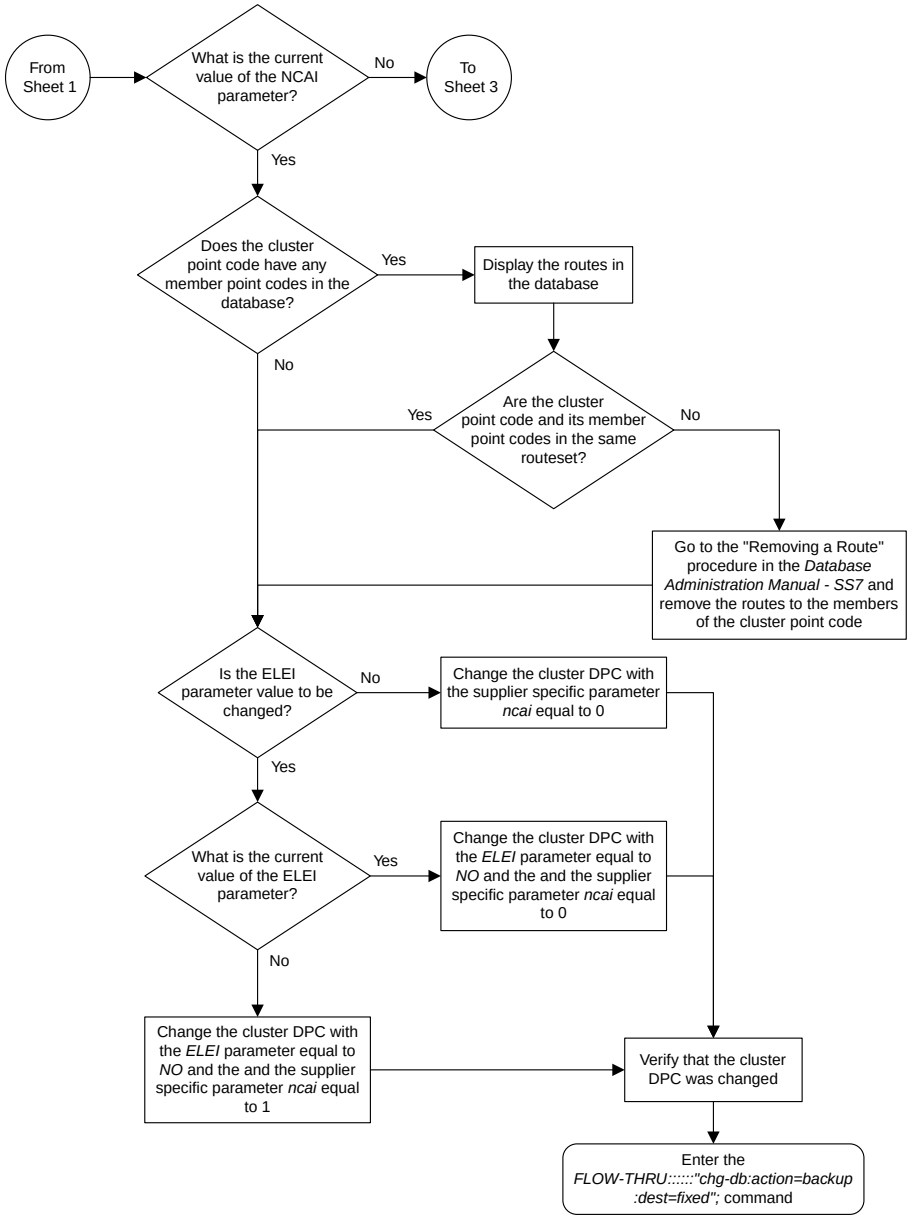
To remove a cluster point code from the database, perform the *Removing a Destination Point Code* procedure.

Note: If you plan to use the supplier specific parameter `ncai` with this procedure, before executing this procedure, make sure you have purchased the nested cluster routing feature. If you are not sure if you have purchased the nested cluster routing feature, contact your Tekelec Sales Representative or Account Representative.

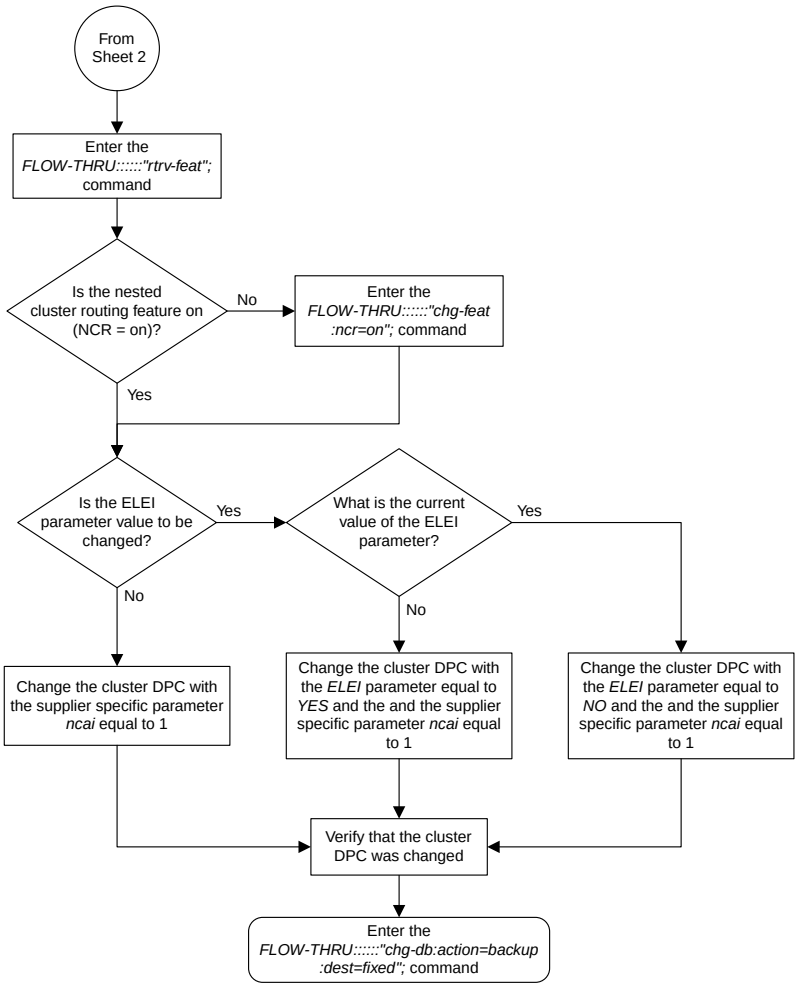


Sheet 1 of 3

Figure 3: Changing the Attributes of a Cluster Point Code from the SEAS Terminal


From Sheet 1
What is the current value of the NCAI parameter?
No
To Sheet 3
Yes
Does the cluster point code have any member point codes in the database?
Yes
Display the routes in the database
No
Are the cluster point code and its member point codes in the same routeset?
Yes
No
Go to the "Removing a Route" procedure in the *Database Administration Manual - SS7* and remove the routes to the members of the cluster point code
Is the ELEI parameter value to be changed?
No
Change the cluster DPC with the supplier specific parameter *ncai* equal to 0
Yes
What is the current value of the ELEI parameter?
Yes
Change the cluster DPC with the *ELEI* parameter equal to *NO* and the and the supplier specific parameter *ncai* equal to 0
No
Change the cluster DPC with the *ELEI* parameter equal to *NO* and the and the supplier specific parameter *ncai* equal to 1
Verify that the cluster DPC was changed
Enter the *FLOW-THRU:::::::"chg-db:action=backup :dest=fixed";* command

Sheet 2 of 3



Sheet 3 of 3

Adding a Network Routing Point Code

This procedure is used to add a network routing point code for the network routing feature to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, `rtrv-dstn`, `rtrv-ctrl-feat`, `rtrv-sid`, and `chg-db`. For more information on this procedure, see "Adding a Network Routing Point Code" in the *Database Administration Manual – SS7*.

Notes:

1. Once the network routing feature is turned on with the `chg-feat` command, it cannot be turned off.

The network routing feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the network routing feature, contact your Tekelec Sales Representative or Account Representative.

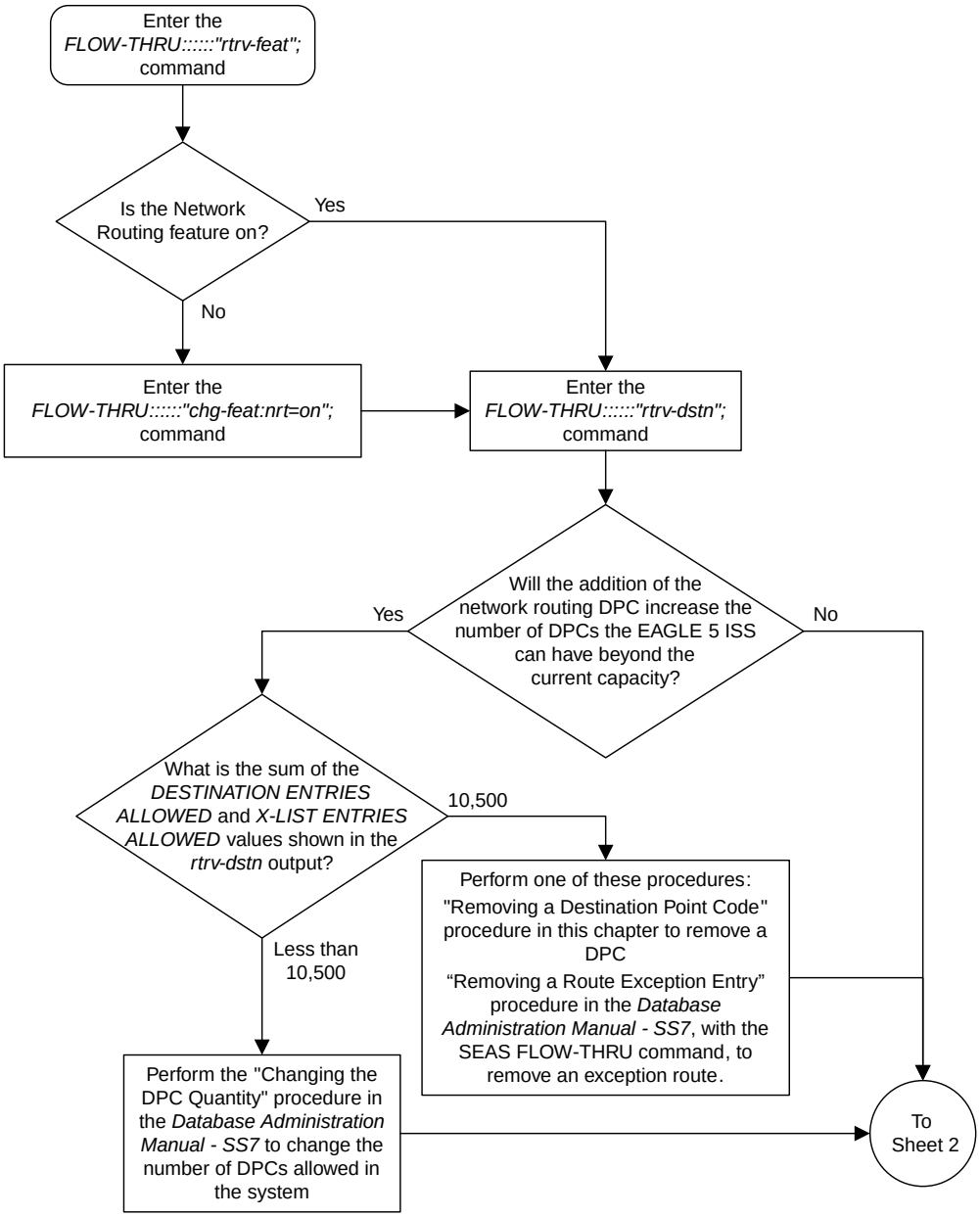
2. A network routing point code cannot be a proxy point code.

If you wish to use the following parameters of the EAGLE 5 ISS's `ent-dstn` command: `nprst`, `rcause`, `sccpmsgcnv`, or `splitiam` parameters, perform the "Adding a Network Routing Point Code" procedure in the *Database Administration Manual - SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

To change the attributes of an existing network routing point code, perform the *Changing a Destination Point Code* procedure.

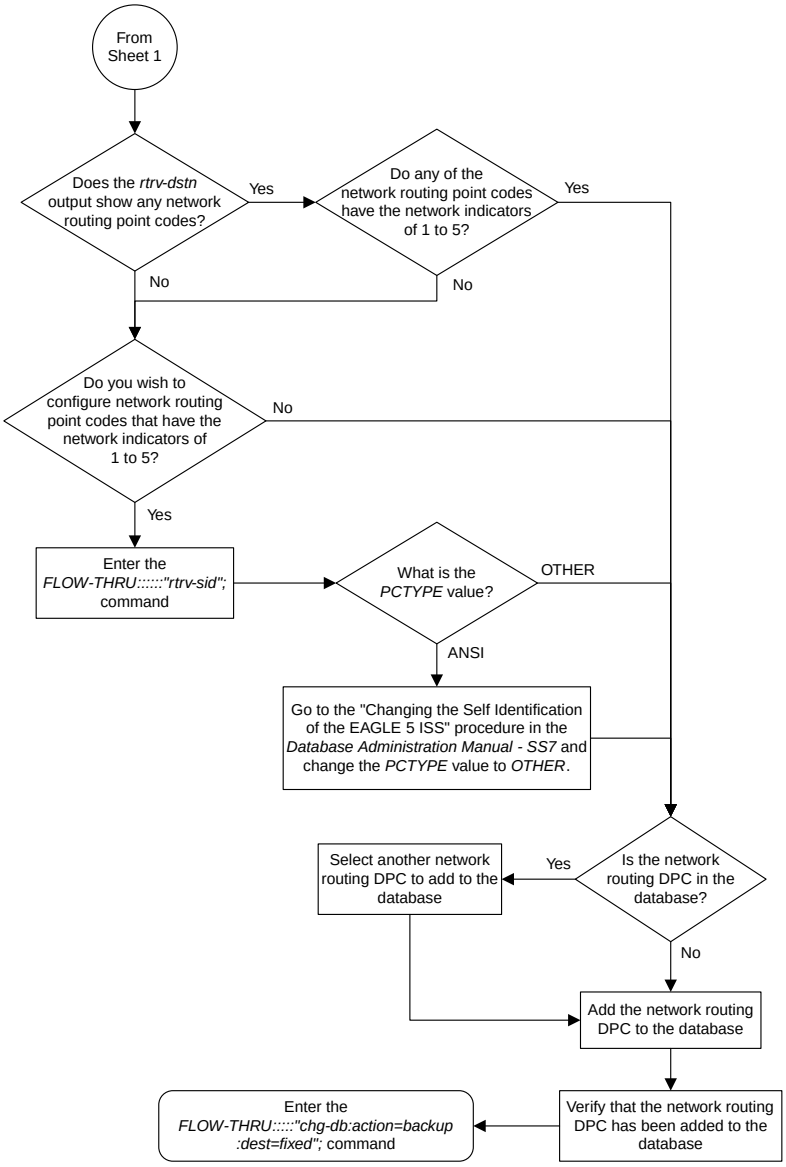
To remove a network routing point code from the database, perform the *Removing a Destination Point Code* procedure.

Note: Before executing this procedure, make sure you have purchased the network routing feature. If you are not sure if you have purchased the network routing feature, contact your Tekelec Sales Representative or Account Representative.



Sheet 1 of 2

Figure 4: Adding a Network Routing Point Code from the SEAS Terminal



Sheet 2 of 2

Changing the Self Identification of the EAGLE 5 ISS

This procedure is used to change the self identification of the EAGLE 5 ISS. For more information on this procedure, see the "Changing the Self Identification of the EAGLE 5 ISS" procedure in the *Database Administration Manual – SS7*. This procedure uses these EAGLE 5 ISS commands.

`init-sys`	`rtrv-sid`	`rtrv-dstn`	`rtrv-feat`
`rtrv-spc`	`rtrv-eiscopy`	`chg-eiscopy`	`rtrv-stpopts`
`chg-stpopts`	`rtrv-gws-redirect`	`chg-db`	`rtrv-pct`

If you wish to use the `cpctype`, `pctype`, `pci`, `pcn`, or `pcn24` parameters of the EAGLE 5 ISS's `chg-sid` command, perform the "Changing the Self Identification of the EAGLE 5 ISS" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

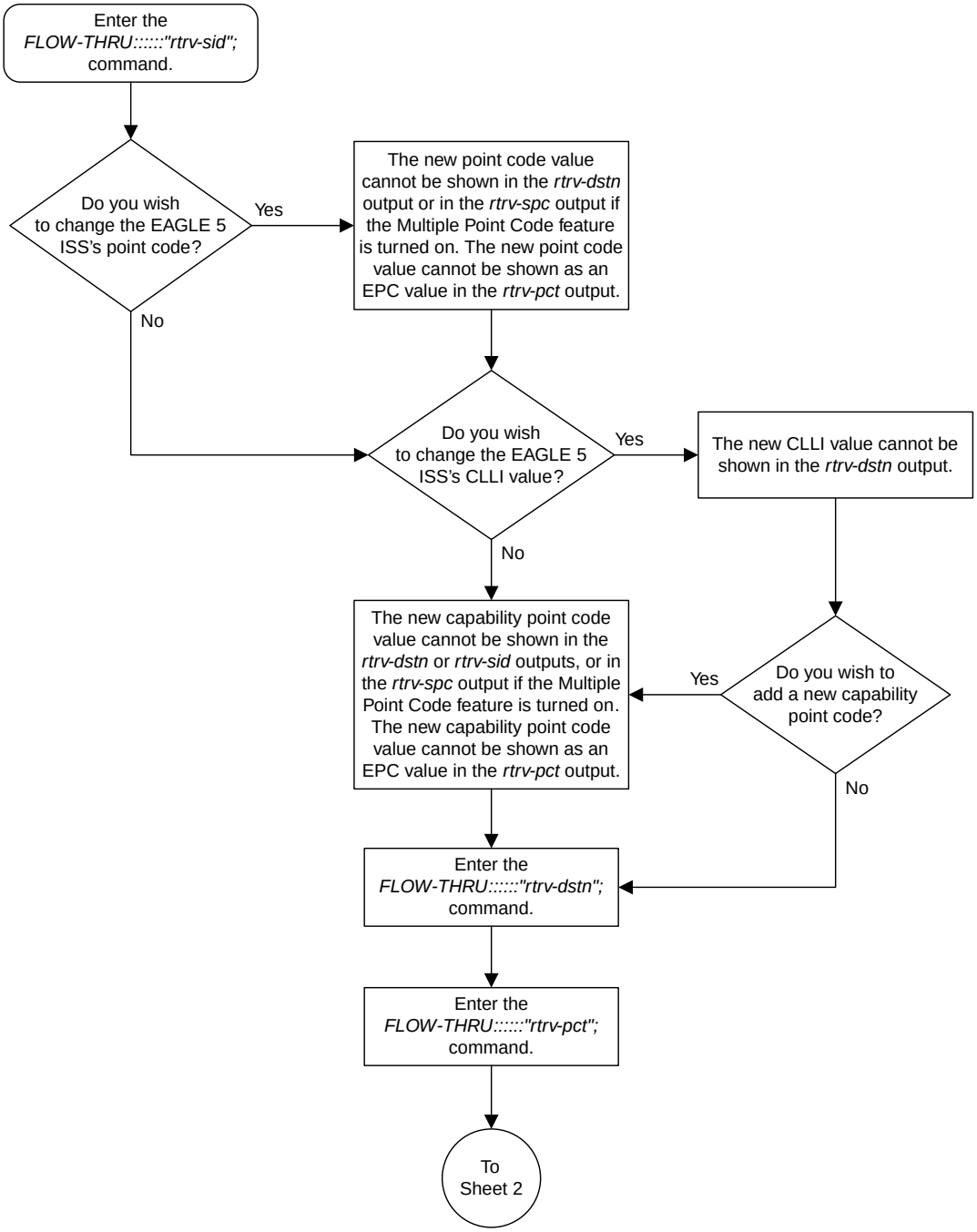
Caution: Use this procedure only during periods of low traffic. If the EAGLE 5 ISS's point code is changed with the procedure, the EAGLE 5 ISS must be reinitialized with the EAGLE 5 ISS's `init-sys` command. The `init-sys` command reboots the entire EAGLE 5 ISS and reloads all cards with the updated self identification information.

Caution: When the `init-sys` command executes, the state of the signaling links, TCP/IP data links, cards, and terminals after the `init-sys` command executes depends on whether the restore device state option is on or off. The value of this option is shown in the `RSTRDEV` field of the `rtrv-stpopts` output.

If the value of the restore device state option is `off`, the EAGLE 5 ISS does not retain the manually initiated state (for example, OOS-MT-DSBLD) for the signaling links, TCP/IP data links, cards, or the terminals. After the command executes, the EAGLE 5 ISS attempts to bring all provisioned links, cards, and terminals on line, including those that were previously out of service. You will need to manually put each device back into its previous state after the EAGLE 5 ISS is back on line. It is, therefore, advisable to print or electronically capture the output of the EAGLE 5 ISS's `rept-stat-slk`, `rept-stat-dlk`, `rept-stat-card`, and `rept-stat-trm` commands for reference prior to issuing the `init-sys` command. To restore a device to its previous state, issue the appropriate inhibit/deactivate command listed in the *Commands Manual* in the Related Commands section for each of the above `rept-stat` commands.

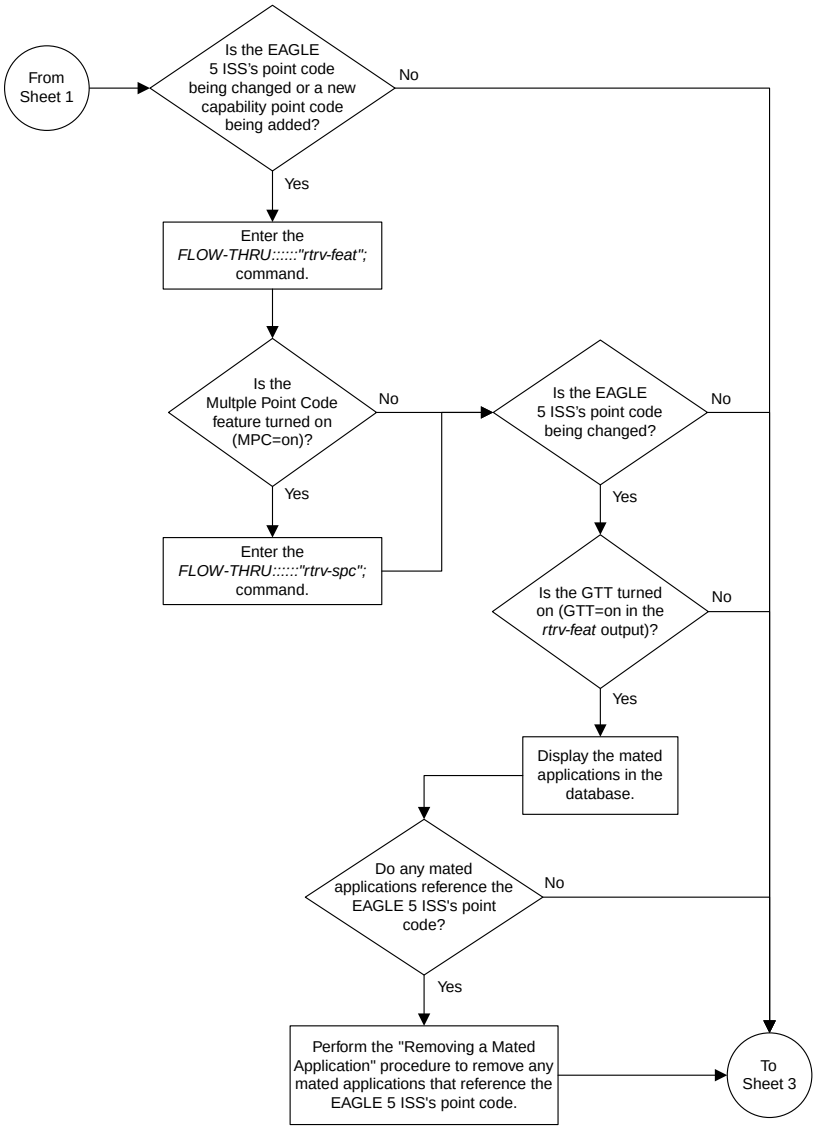
If the value of the restore device state option is `on`, the state the signaling links, TCP/IP data links, cards, and terminals is not changed after the `init-sys` command is performed. No manual intervention is required to put the device back into its previous state after the EAGLE 5 ISS is back on line.

To change the value of the restore device state option, perform the "Changing the Restore Device State Option" procedure in the *Database Administration Manual - System Management*.

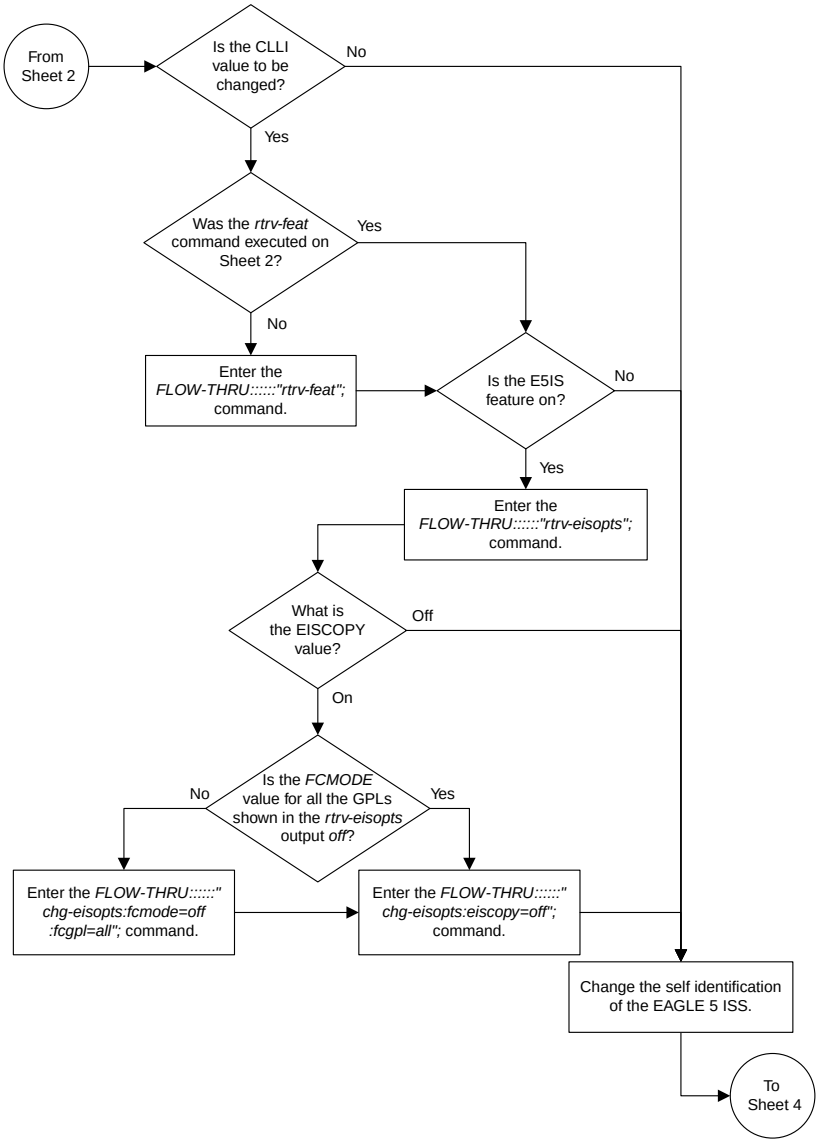

Enter the *FLOW-THRU::::::"rtrv-sid";* command.
Do you wish to change the EAGLE 5 ISS's point code?
Yes
No
The new point code value cannot be shown in the *rtrv-dstn* output or in the *rtrv-spc* output if the Multiple Point Code feature is turned on. The new point code value cannot be shown as an EPC value in the *rtrv-pct* output.
Do you wish to change the EAGLE 5 ISS's CLLI value?
Yes
No
The new CLLI value cannot be shown in the *rtrv-dstn* output.
Do you wish to add a new capability point code?
Yes
No
The new capability point code value cannot be shown in the *rtrv-dstn* or *rtrv-sid* outputs, or in the *rtrv-spc* output if the Multiple Point Code feature is turned on. The new capability point code value cannot be shown as an EPC value in the *rtrv-pct* output.
Enter the *FLOW-THRU::::::"rtrv-dstn";* command.
Enter the *FLOW-THRU::::::"rtrv-pct";* command.
To Sheet 2

Sheet 1 of 5

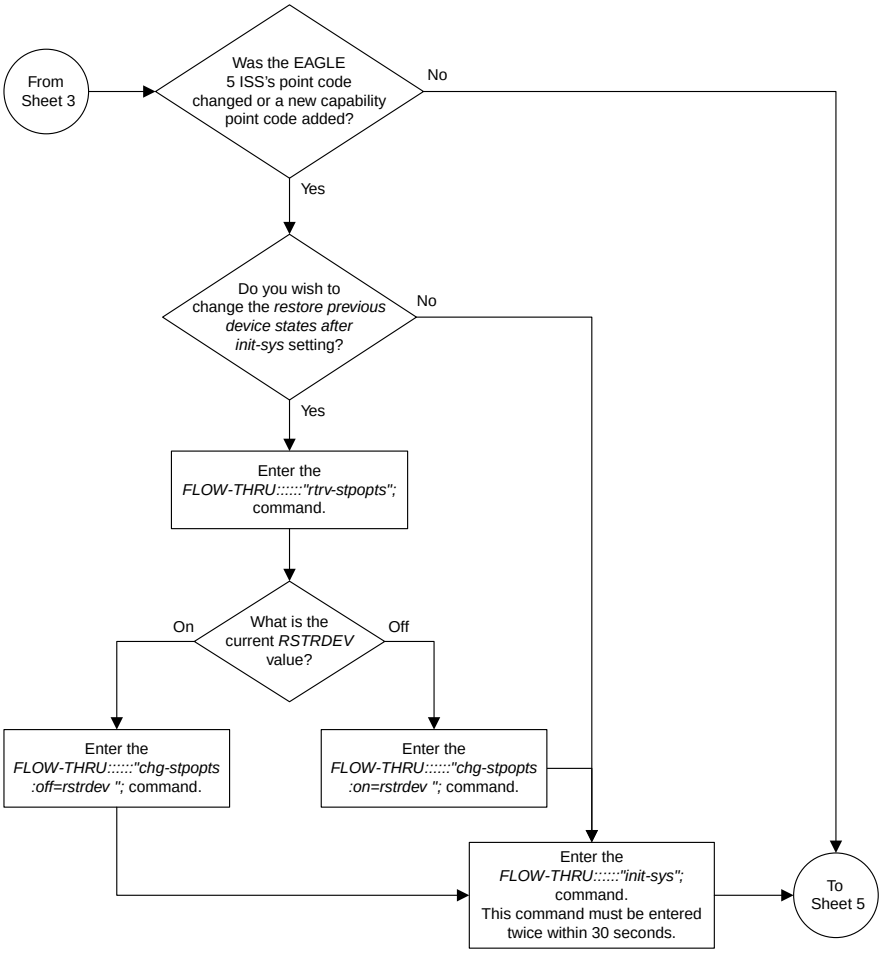
Figure 5: Changing the Self Identification of the EAGLE 5 ISS from the SEAS Terminal



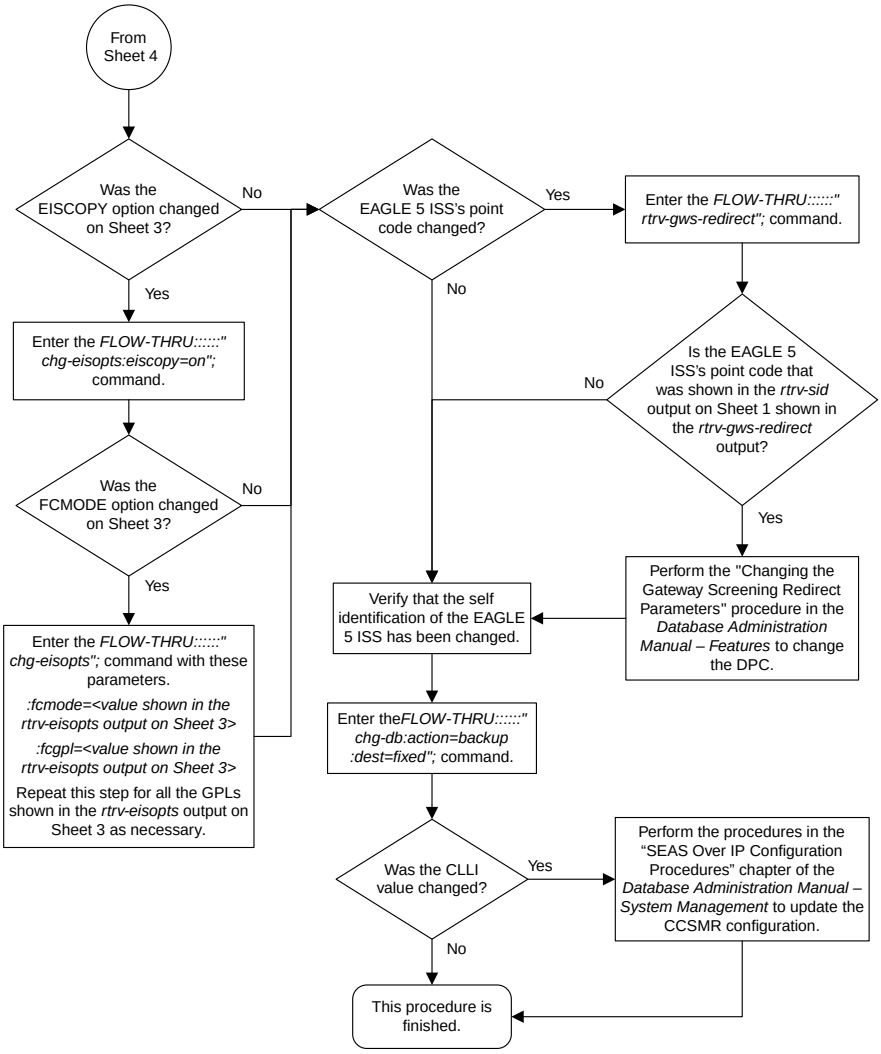
Sheet 2 of 5


From Sheet 2
Is the CLLI value to be changed?
No
Yes
Was the rtrv-feat command executed on Sheet 2?
Yes
No
Enter the FLOW-THRU::::::"rtrv-feat"; command.
Is the E5IS feature on?
No
Yes
Enter the FLOW-THRU::::::"rtrv-eisopts"; command.
What is the EISCOPY value?
Off
On
Is the FCMODE value for all the GPLs shown in the rtrv-eisopts output off?
No
Yes
Enter the FLOW-THRU::::::" chg-eisopts:fcmode=off :fcgpl=all"; command.
Enter the FLOW-THRU::::::" chg-eisopts:eiscopy=off"; command.
Change the self identification of the EAGLE 5 ISS.
To Sheet 4

Sheet 3 of 5


From Sheet 3
Was the EAGLE 5 ISS's point code changed or a new capability point code added?
No
Yes
Do you wish to change the *restore previous device states after init-sys* setting?
No
Yes
Enter the *FLOW-THRU:::::::"rtrv-stpopts";* command.
What is the current *RSTRDEV* value?
On
Off
Enter the *FLOW-THRU:::::::"chg-stpopts :off=rstrdev ";* command.
Enter the *FLOW-THRU:::::::"chg-stpopts :on=rstrdev ";* command.
Enter the *FLOW-THRU:::::::"init-sys";* command. This command must be entered twice within 30 seconds.
To Sheet 5

Sheet 4 of 5



Sheet 5 of 5

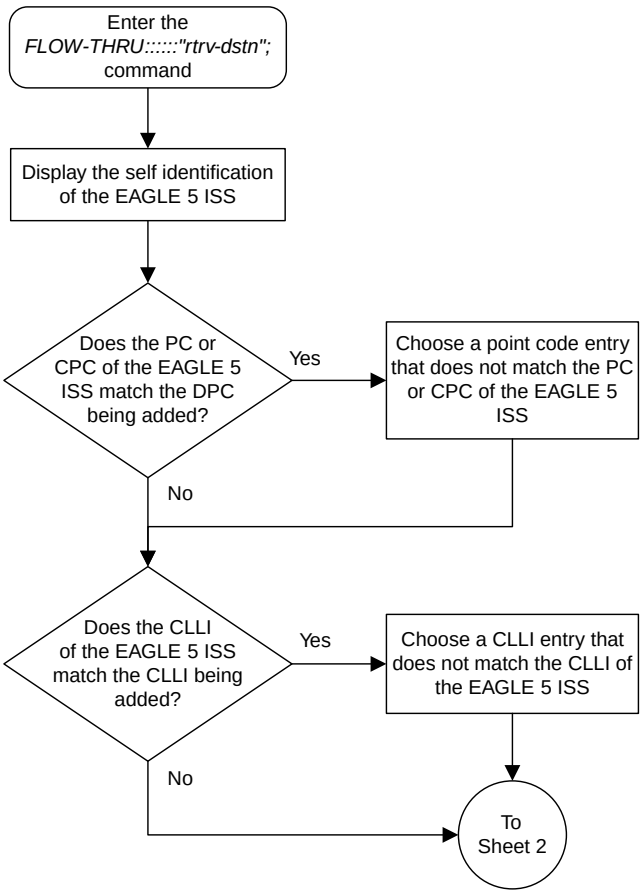
Adding a Destination Point Code

This procedure is used to add a destination point code to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `rtrv-dstn`, `rtrv-ctrl-feat`, and `chg-db`. For more information on this procedure, see "Adding a Destination Point Code" in the *Database Administration Manual – SS7*.

If you wish to use the following parameters of the EAGLE 5 ISS's `ent-dstn` command: `dpci`, `dpcn`, `dpcn24`, `domain`, `aliasa`, `aliasi`, `aliasn`, `aliasn24`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `prx=yes`, `ppc`, `ppca`, `ppci`, `ppcn`, `ppcn24`, `nprst`, `rcause`, `splitiam`, `homesmsc`, `homescp`, `sccpmsgcnv`,

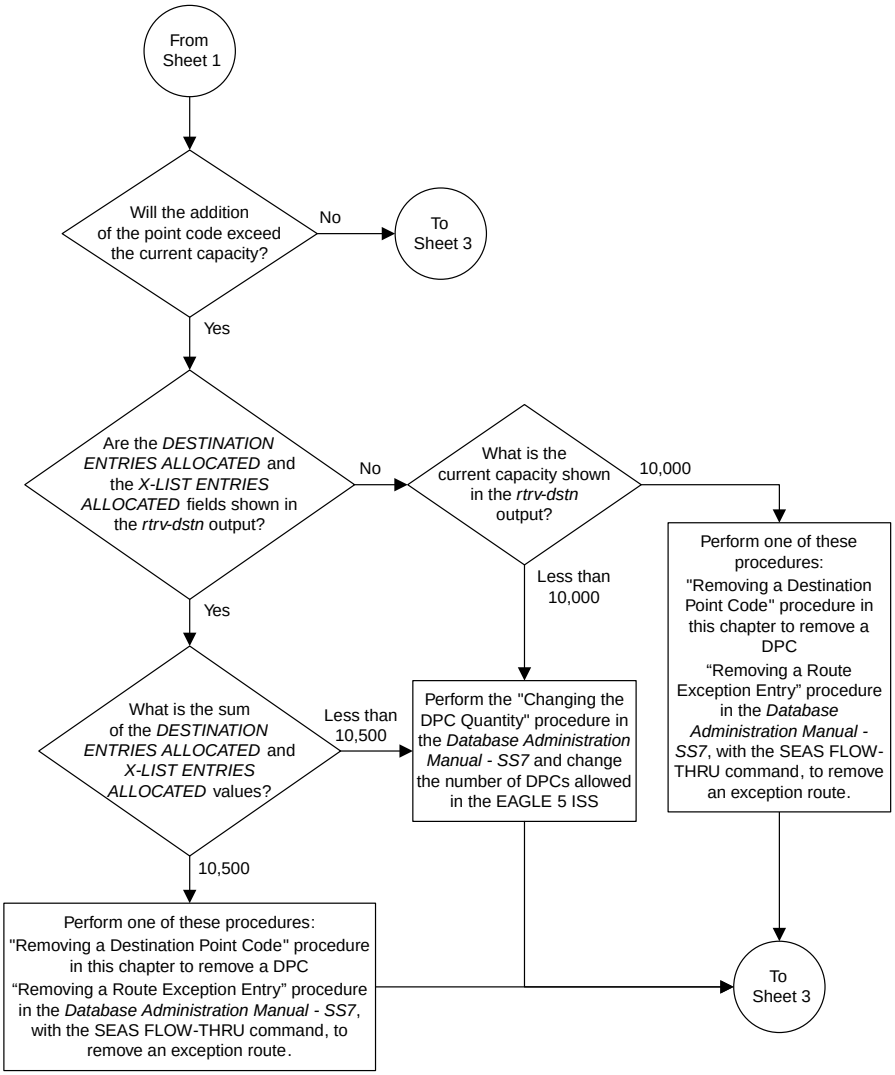
or `ipgwapc`, or if spare point codes are being added, perform the "Adding a Destination Point Code" procedure in the *Database Administration Manual - SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to use the `ncai` parameter the EAGLE 5 ISS's `ent-dstn` command or configure a cluster point code, perform the *Adding a Cluster Point Code* procedure.

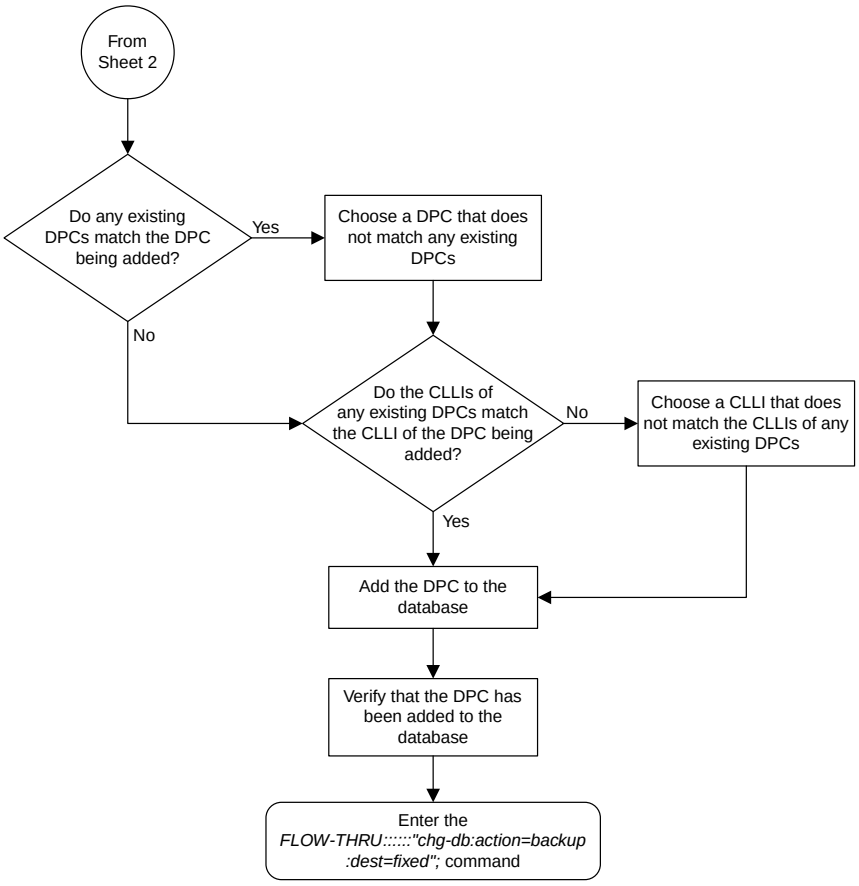


Sheet 1 of 3

Figure 6: Adding a Destination Point Code from the SEAS Terminal


From Sheet 1
Will the addition of the point code exceed the current capacity?
No
To Sheet 3
Yes
Are the *DESTINATION ENTRIES ALLOCATED* and the *X-LIST ENTRIES ALLOCATED* fields shown in the *rtrv-dstn* output?
No
What is the current capacity shown in the *rtrv-dstn* output?
10,000
Perform one of these procedures:
"Removing a Destination Point Code" procedure in this chapter to remove a DPC
“Removing a Route Exception Entry” procedure in the *Database Administration Manual - SS7*, with the SEAS FLOW-THRU command, to remove an exception route.
Less than 10,000
Yes
What is the sum of the *DESTINATION ENTRIES ALLOCATED* and *X-LIST ENTRIES ALLOCATED* values?
Less than 10,500
Perform the "Changing the DPC Quantity" procedure in the *Database Administration Manual - SS7* and change the number of DPCs allowed in the EAGLE 5 ISS
10,500
Perform one of these procedures:
"Removing a Destination Point Code" procedure in this chapter to remove a DPC
“Removing a Route Exception Entry” procedure in the *Database Administration Manual - SS7*, with the SEAS FLOW-THRU command, to remove an exception route.
To Sheet 3

Sheet 2 of 3

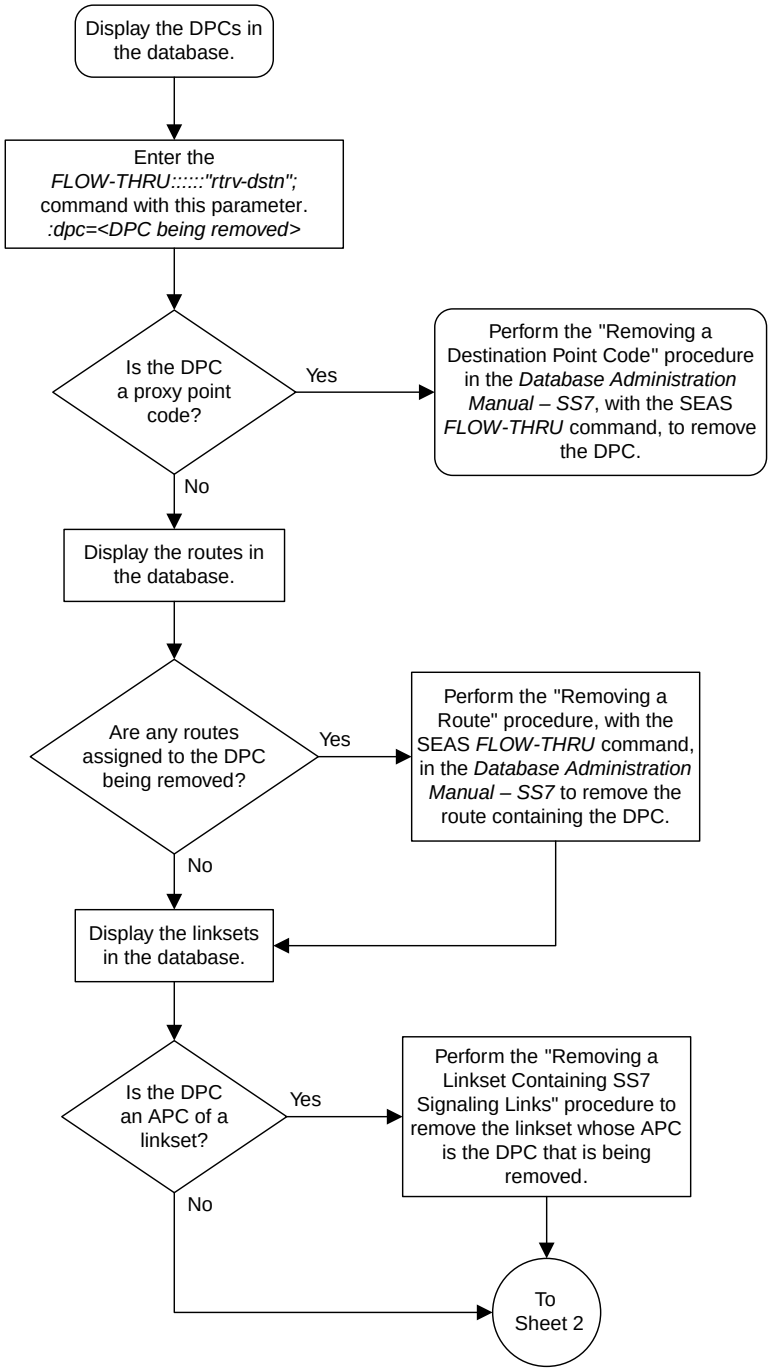


Sheet 3 of 3

Removing a Destination Point Code

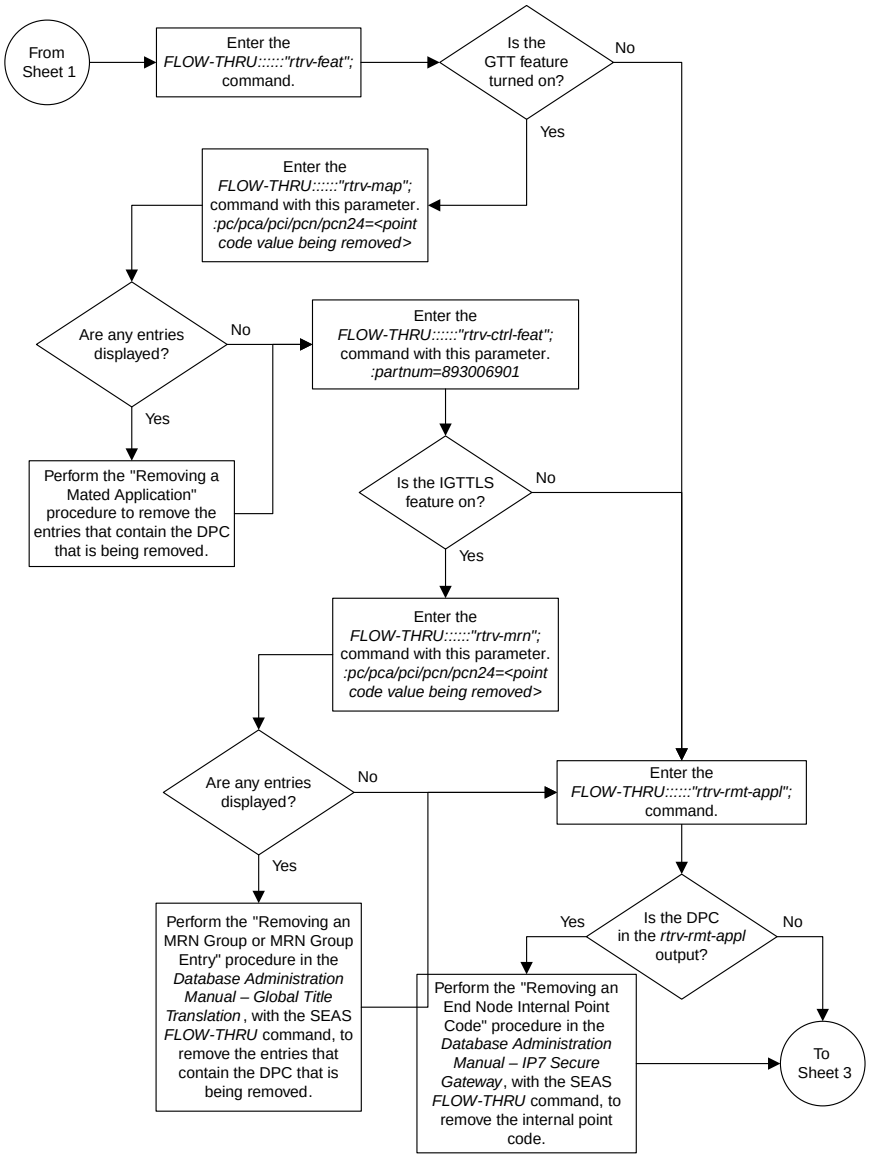
This procedure is used to remove a destination point code from the database. This procedure uses the EAGLE 5 ISS commands `rtrv-dstn` , `rtrv-feat`, `rtrv-map`, `rtrv-mrn`, `rtrv-rmt-appl`, `rtrv-ctrl-feat`, `rtrv-rtx`, and `chg-db`. For more information on this procedure, see "Removing a Destination Point Code" in the *Database Administration Manual – SS7*.

If you wish to remove an ITU international, ITU national destination point code, or a proxy point code from the database, perform the "Removing a Destination Point Code" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

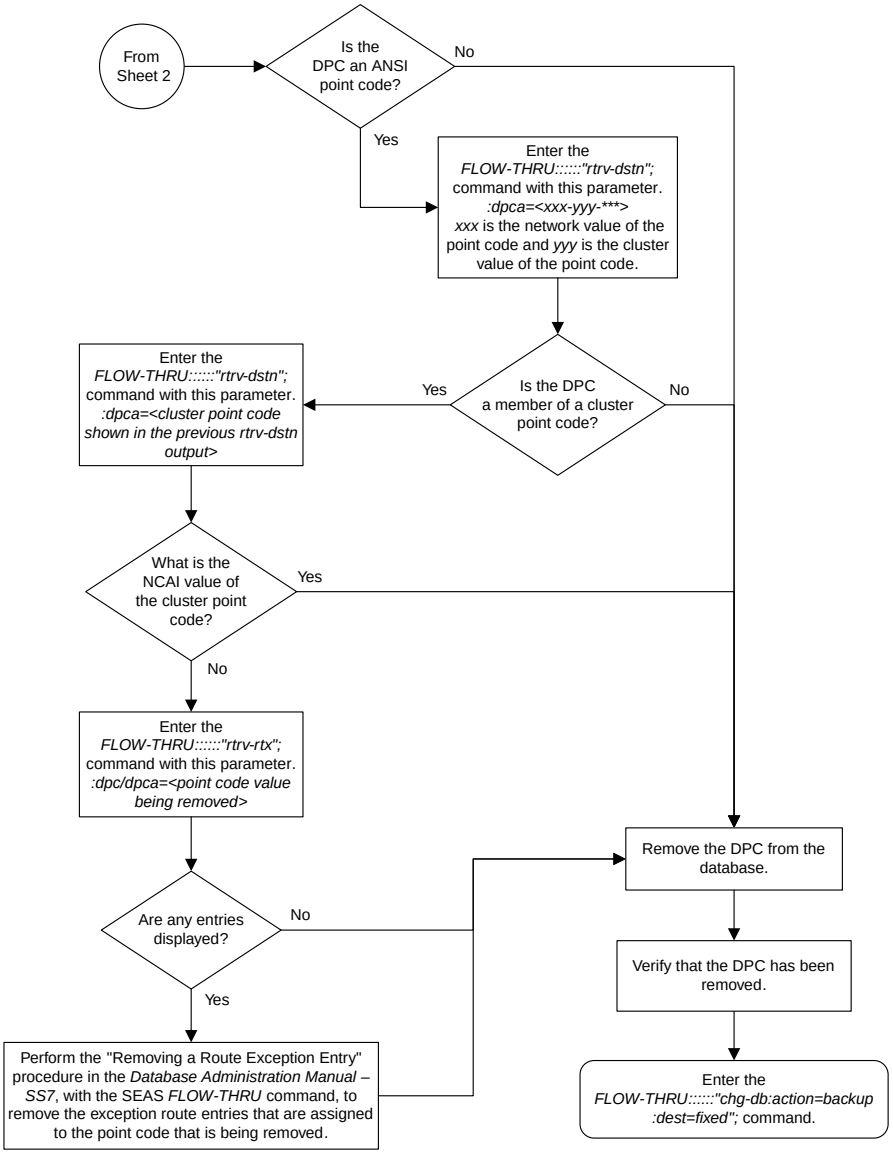


Sheet 1 of 3

Figure 7: Removing a Destination Point Code from the SEAS Terminal


From Sheet 1
Enter the *FLOW-THRU::::::"rtrv-feat";* command.
Is the GTT feature turned on?
No
Yes
Enter the *FLOW-THRU::::::"rtrv-map";* command with this parameter. *:pc/pca/pci/pcn/pcn24=<point code value being removed>*
Are any entries displayed?
No
Yes
Enter the *FLOW-THRU::::::"rtrv-ctrl-feat";* command with this parameter. *:partnum=893006901*
Perform the "Removing a Mated Application" procedure to remove the entries that contain the DPC that is being removed.
Is the IGTTLS feature on?
No
Yes
Enter the *FLOW-THRU::::::"rtrv-mrn";* command with this parameter. *:pc/pca/pci/pcn/pcn24=<point code value being removed>*
Are any entries displayed?
No
Yes
Enter the *FLOW-THRU::::::"rtrv-rmt-appl";* command.
Perform the "Removing an MRN Group or MRN Group Entry" procedure in the *Database Administration Manual – Global Title Translation* , with the SEAS *FLOW-THRU* command, to remove the entries that contain the DPC that is being removed.
Is the DPC in the *rtrv-rmt-appl* output?
Yes
No
Perform the "Removing an End Node Internal Point Code" procedure in the *Database Administration Manual – IP7 Secure Gateway*, with the SEAS *FLOW-THRU* command, to remove the internal point code.
To Sheet 3

Sheet 2 of 3



Sheet 3 of 3

Changing a Destination Point Code

This procedure is used to change a destination point code in the database. This procedure uses the EAGLE 5 ISS commands `rtrv-dstn` and `chg-db`. For more information on this procedure, see "Changing a Destination Point Code" in the *Database Administration Manual – SS7*.

If you wish to change the attributes of an ITU international, or ITU national destination point code (either a 14-bit ITU-N or 24-bit ITU-N point code), change the attributes of a proxy point code, or use the `ncai`, `alias`, `aliasa`, `aliasi`, `aliasn`, `aliasn24`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `nprst`, `rcause`, `splitiam`, `homesmsc`, `homescp`, `sccpmsgcnv`, or `prx=yes` parameters of the EAGLE 5 ISS's `chg-dstn` command, perform the "Changing a Destination Point Code" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

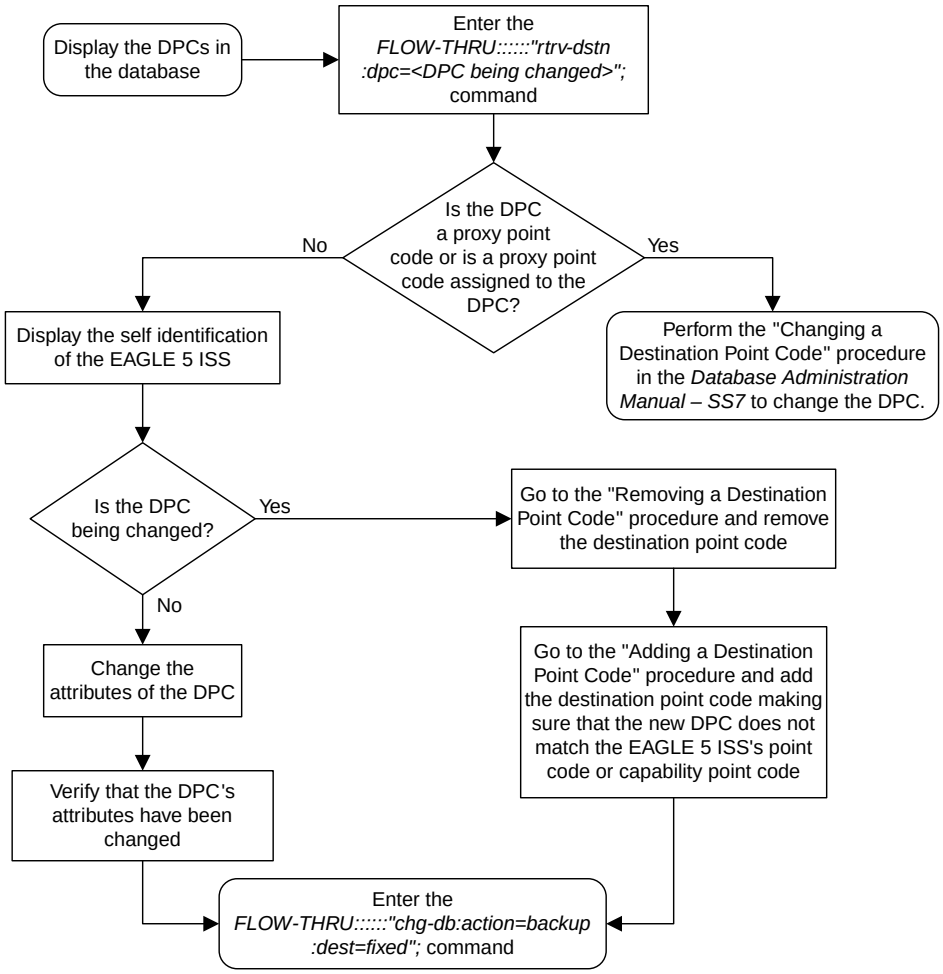


Figure 8: Changing a Destination Point Code from the SEAS Terminal

Chapter 3

SS7 Configuration

Topics:

- *Adding an SS7 Linkset.....52*
- *Removing a Linkset Containing SS7 Signaling Links.....59*
- *Changing an SS7 Linkset.....61*
- *Adding an SS7 Signaling Link.....71*
- *Removing an SS7 Signaling Link.....88*
- *Adding a Route.....92*
- *Changing a Route.....94*

Chapter 3, SS7 Configuration, describes the procedures necessary to configure the EAGLE 5 ISS to support the SS7 network.

Adding an SS7 Linkset

This procedure is used to add an SS7 linkset to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, `chg-stpopts`, `rtrv-stpopts`, and `chg-db`. For more information on this procedure, see "Adding an SS7 Linkset" in the *Database Administration Manual – SS7*.

If you wish to use the `apci`, `apcn`, `apcn24`, `scrn`, `gwsa`, `gwsd`, `slsocbit`, `slsrsb`, `l3tset`, `itutfr`, `multgc`, `gwsm`, `apcntype`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `ppc`, `ppca`, `ppci`, `ppcn`, `ppcn24`, `lst=prx`, `cggtmod`, `islsrsb`, or `randsls` parameters of the EAGLE 5 ISS's `ent-ls` command, perform the "Adding an SS7 Linkset" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

This procedure cannot be used to provision a linkset whose adjacent point code is assigned to another linkset. If you wish to use the adjacent point code of another linkset as the adjacent point code of the new linkset, perform the "Adding an SS7 Linkset" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to use the `iptps`, `lsusealm`, `ipgwapc`, `slkusealm`, `ipsg`, `adapter`, `asnotif`, `rcontext`, or `slktps` parameters of the EAGLE 5 ISS's `ent-ls` command, perform one of these procedures in the *Database Administration Manual – IP7 Secure Gateway* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

- Configuring an IPGWx Linkset
- Adding an IPSGM3UA Linkset
- Adding an IPSG M2PA Linkset

If you wish to use the `gsmscrn` parameter (for the GSM MAP Screening feature) of the EAGLE 5 ISS's `ent-ls` command, perform the "Configuring a Linkset for the GSM MAP Screening Feature" procedure in the *Database Administration Manual - Features* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface.

Supplier Specific Parameters

The EAGLE 5 ISS accepts the values for these parameters as supplier specific parameters: `bei`, `slsci`, `asl8`, `sltset`, `nis`, and `mtprse`. *Table 4: Adding an SS7 Linkset Supplier Specific Parameters* shows how the values of these parameters are mapped to the SEAS values and a definition of each parameter. For more information on these parameters, see "Adding an SS7 Linkset" in the *Database Administration Manual – SS7*.

Table 4: Adding an SS7 Linkset Supplier Specific Parameters

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
BEI	YES NO	1 0	The broadcast exception indicator. This parameter indicates that TFPs are allowed to be broadcast on the linkset or not allowed to be broadcast on the linkset. This parameter is typically used to prevent TFPs from being broadcast to another vendor's system. The parameter value 1 means TFPs are not broadcast on the linkset. The parameter value 0 means TFPs are broadcast on the linkset.
SLSCI	YES NO	1 0	The `slsci` parameter indicates that the 5-bit to 8-bit SLS conversion feature is enabled or not enabled. When the 5-bit to 8-bit SLS conversion feature is enabled (parameter value 1), the EAGLE 5 ISS replaces any five-bit SLS values contained in received messages with a random 8-bit value before they are used by the EAGLE 5 ISS to select the outgoing link in that link set. When the 5-bit to 8-bit SLS conversion feature is not enabled (parameter value 0), the 5-bit to 8-bit SLS conversion is not performed on messages in the linkset.
ASL8	YES NO	1 0	The `asl8` parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not sending MSUs with 8-bit SLSs. The parameter value 1 means the node adjacent to the EAGLE 5 ISS is sending MSUs with 8-bit SLSs. The parameter value 0 means the node adjacent to the EAGLE 5 ISS is not sending MSUs with 8-bit SLSs.
SLTSET	1-20	01-20	The signaling link test message record to be associated with the linkset.
NIS	ON OFF	1 0	The `nis` parameter indicates that the National Spare for Network Indicator feature is on or off for the specific linkset. This feature allows the linkset to use the national spare value (3) for the network indicator code field in the service information octet (SIO) of the MSU for ANSI linksets and ITU national linksets (linksets containing either 14-bit ITU-N point codes or 24-bit ITU-N point codes). This parameter cannot be specified for ITU international linksets. The parameter value 1 means the National Spare for Network Indicator feature is on. The parameter value 0

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
			means the National Spare for Network Indicator feature is off.
MTPRSE	YES NO	1 0	The `mtprse` parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not equipped with the MTP restart capability. The parameter value 1 means the node adjacent to the EAGLE 5 ISS is equipped with the MTP restart capability The parameter value 0 means the node adjacent to the EAGLE 5 ISS is not equipped with the MTP restart capability.

The supplier specific parameters must be entered in this order.

BEI, SLSCI, ASL8, SLTSET, NIS, MTPRSE

The supplier specific parameters are optional. The default value will be entered for any supplier specific parameter not specified when adding the linkset. The default values for the supplier specific parameters are:

- BEI = 0 (no)
- SLSCI = 0 (no)
- ASL8 = 0 (no)
- SLTSET = 01
- NIS = 0 (off)
- MTPRSE = 0 (no)

When the linkset is displayed, the supplier specific parameter values are displayed in this order.

TFATCABMLQ, BEI, SLSCI, ASL8, SLTSET, NIS, MTPRSE

Note: The `TFATCABMLQ` parameter value can be specified only when changing the attributes of a linkset (see *Changing an SS7 Linkset*). When a newly added linkset is displayed, the value of the `TFATCABMLQ` parameter is either 1, for a linkset containing C links, or 0, for a linkset containing either A, B, D, or E links. If all linksets in the EAGLE 5 ISS are displayed, only ANSI linksets are displayed. ITU international and ITU national linksets cannot be displayed on the SEAS interface.

To configure the ANSI MTP Restart feature using the supplier specific parameter `mtprse`, the ANSI MTP Restart feature must be enabled with the `chg-feat` command. The `on=mtprsi` and `mtprsit` parameters of the EAGLE 5 ISS's `chg-stpopts` command are also used to configure the ANSI MTP Restart feature.

Note: Once the ANSI MTP Restart feature is turned on with the `chg-feat` command, it cannot be turned off.

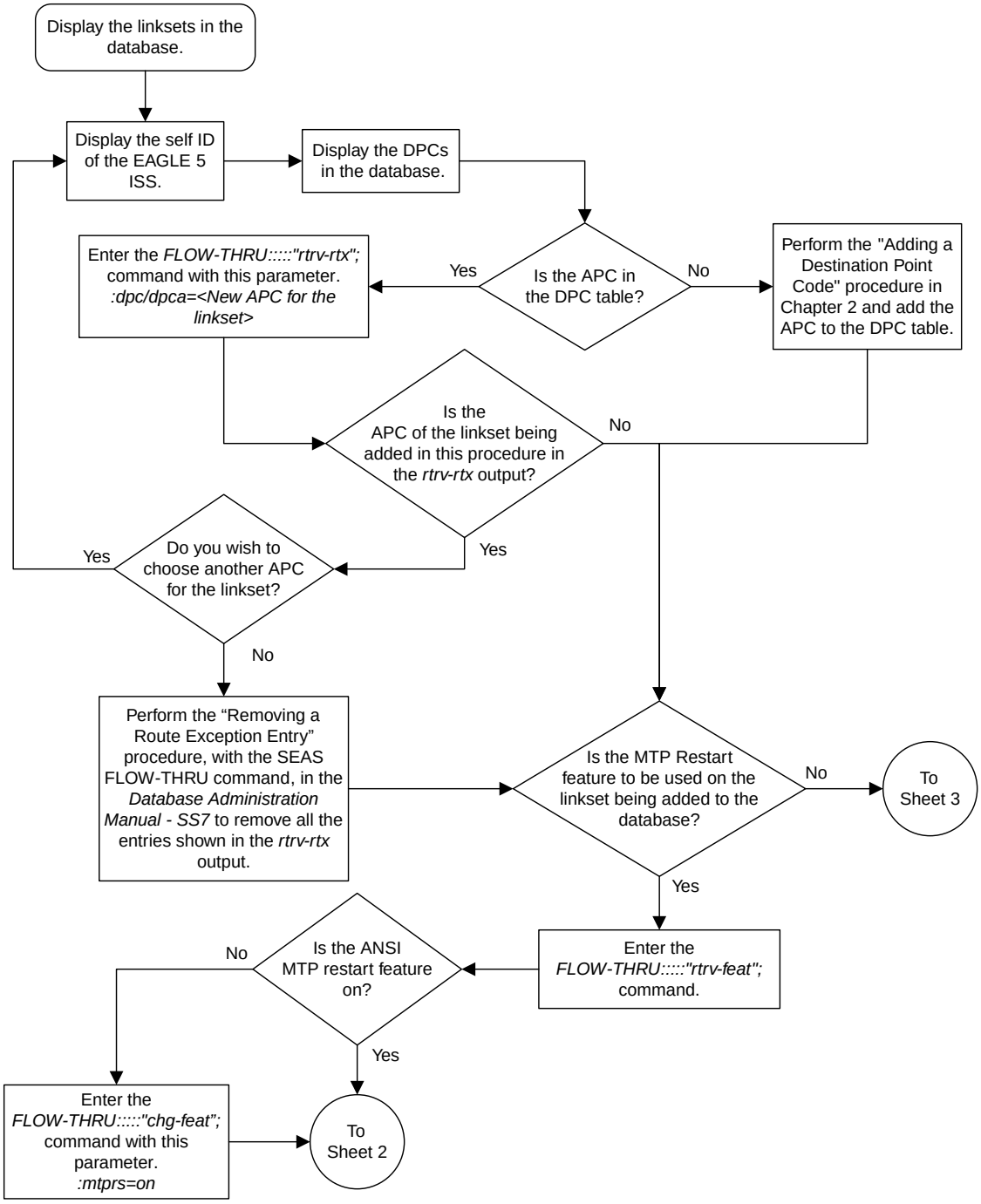
The ANSI MTP Restart feature must be purchased before you turn the features on with the chg-feat command. If you are not sure whether you have purchased the ANSI MTP restart feature, contact your Tekelec Sales Representative or Account Representative.

The 5-Bit to 8-Bit SLS Conversion feature is configured using the supplier specific parameters `slsci` and `asl8` and the `slscnv` parameter of the EAGLE 5 ISS's `chg-stpopts` command.

The actions of the supplier specific parameters `slsci` and `asl8` parameters are affected by the `slscnv` parameter of the EAGLE 5 ISS's `chg-stpopts` command. The interaction of these parameters is shown in *Table 5: Signaling Link Selector (SLS) Conversion (ANSI Linksets Only)*.

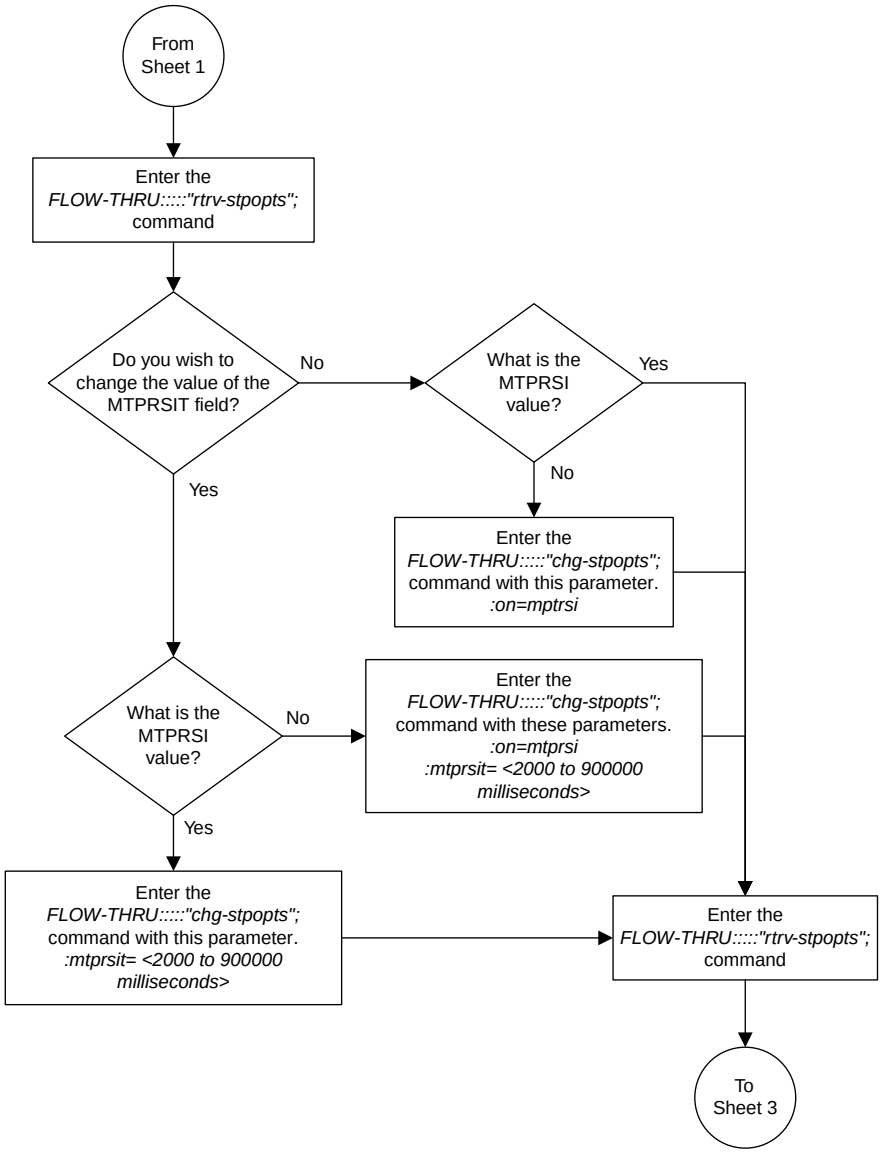
Table 5: Signaling Link Selector (SLS) Conversion (ANSI Linksets Only)

CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
ON	Not Applicable	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed on MSUs received on this linkset.
ON	Not Applicable	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion on MSUs received on this linkset.
OFF	Not Applicable	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed on any linksets.
OFF	Not Applicable	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is not performed on all linksets.
PERLS*	1	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed.
PERLS*	1	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is performed.
PERLS*	0	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed.
PERLS*	0	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is not performed.
* When the `slscnv=perls` parameter is specified with the EAGLE 5 ISS `chg-stpopts` command, 5-bit to 8-bit SLS conversion is only performed on the MSUs arriving at the EAGLE 5 ISS on linksets that have the **asl8=0** parameter assigned to them, and leaving the EAGLE 5 ISS on linksets that have the `slsci=1` parameter assigned to them.			

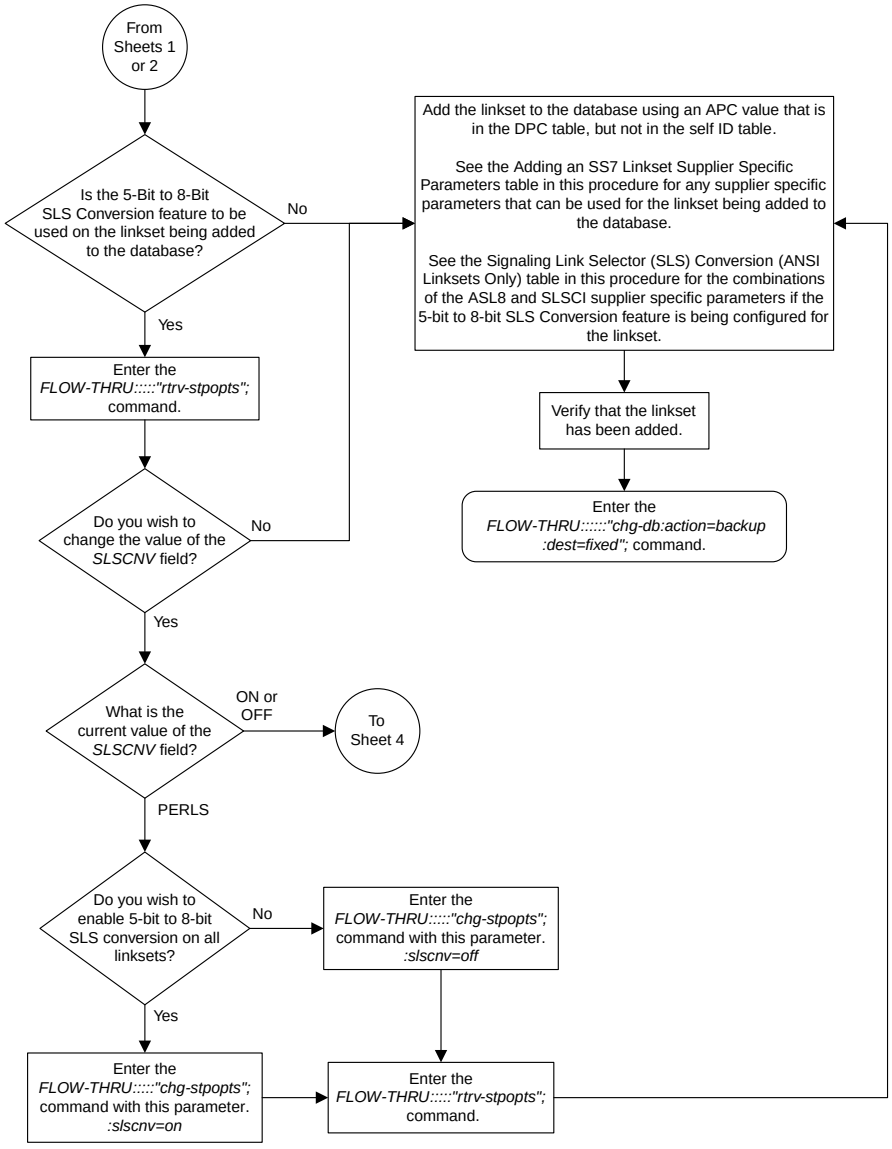


Sheet 1 of 4

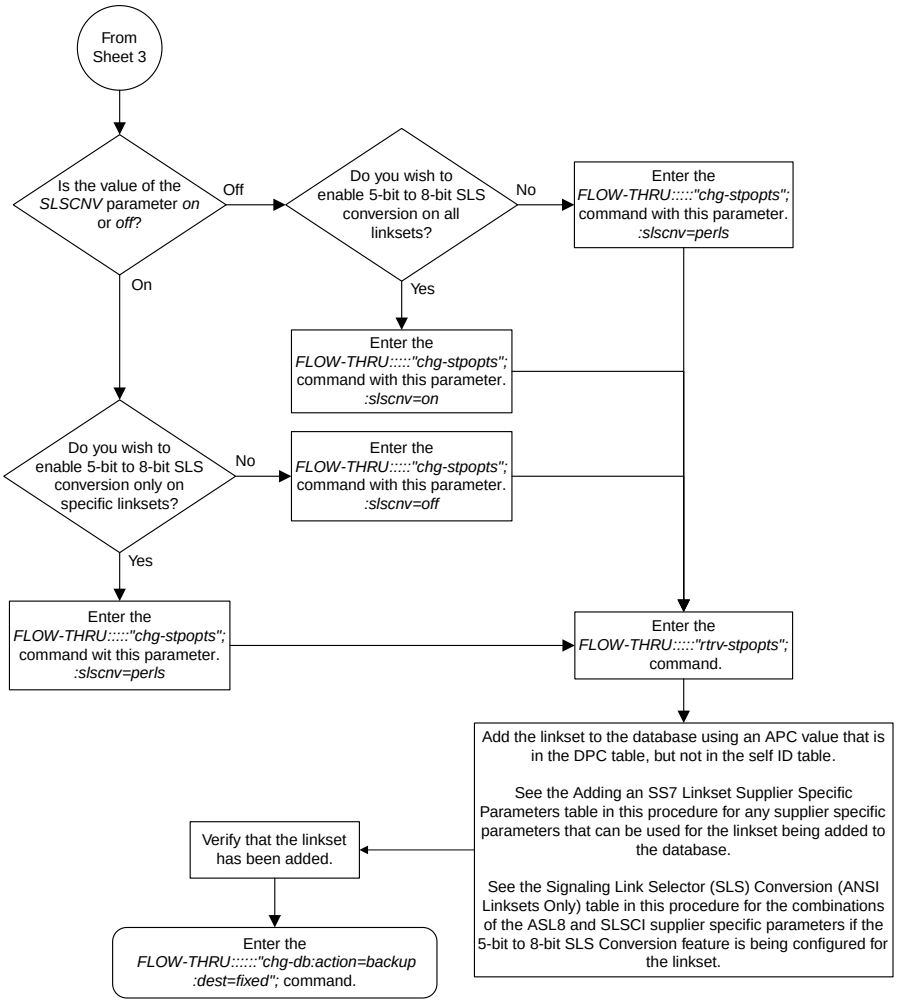
Figure 9: Adding an SS7 Linkset from the SEAS Terminal


From Sheet 1
Enter the FLOW-THRU:::::"rtrv-stpopts"; command
Do you wish to change the value of the MTPRSIT field?
No
What is the MTPRSI value?
Yes
No
Yes
Enter the FLOW-THRU:::::"chg-stpopts"; command with this parameter. :on=mptrsi
What is the MTPRSI value?
No
Enter the FLOW-THRU:::::"chg-stpopts"; command with these parameters. :on=mtprsi :mtprsit= <2000 to 900000 milliseconds>
Yes
Enter the FLOW-THRU:::::"chg-stpopts"; command with this parameter. :mtprsit= <2000 to 900000 milliseconds>
Enter the FLOW-THRU:::::"rtrv-stpopts"; command
To Sheet 3

Sheet 2 of 4


From Sheets 1 or 2
Is the 5-Bit to 8-Bit SLS Conversion feature to be used on the linkset being added to the database?
No
Yes
Add the linkset to the database using an APC value that is in the DPC table, but not in the self ID table.
See the Adding an SS7 Linkset Supplier Specific Parameters table in this procedure for any supplier specific parameters that can be used for the linkset being added to the database.
See the Signaling Link Selector (SLS) Conversion (ANSI Linksets Only) table in this procedure for the combinations of the ASL8 and SLSCI supplier specific parameters if the 5-bit to 8-bit SLS Conversion feature is being configured for the linkset.
Verify that the linkset has been added.
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command.
Enter the FLOW-THRU:::::"rtrv-stpopts"; command.
Do you wish to change the value of the SLSCNV field?
No
Yes
What is the current value of the SLSCNV field?
ON or OFF
To Sheet 4
PERLS
Do you wish to enable 5-bit to 8-bit SLS conversion on all linksets?
No
Enter the FLOW-THRU:::::"chg-stpopts"; command with this parameter. :slscnv=off
Yes
Enter the FLOW-THRU:::::"chg-stpopts"; command with this parameter. :slscnv=on
Enter the FLOW-THRU:::::"rtrv-stpopts"; command.

Sheet 3 of 4



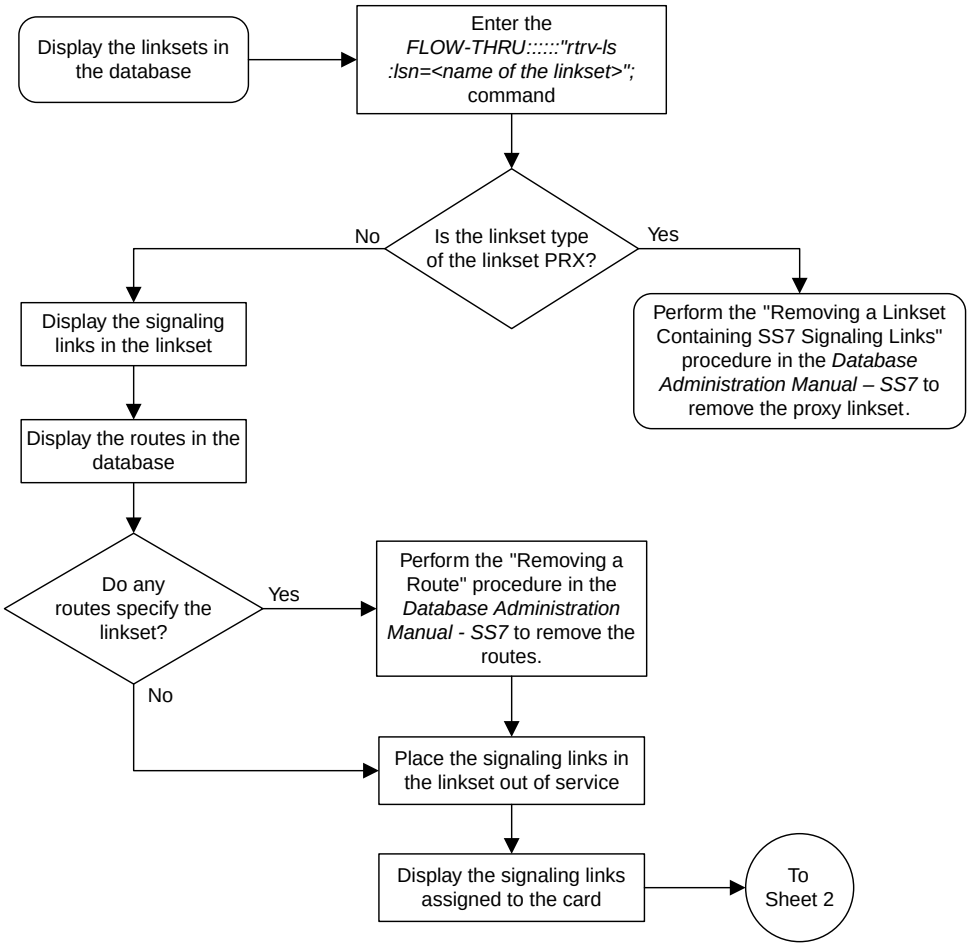
Sheet 4 of 4

Removing a Linkset Containing SS7 Signaling Links

This procedure is used to remove a linkset containing SS7 signaling links from the database. This procedure uses the EAGLE 5 ISS commands `rmv-card`, `rtrv-rtx`,`rtrv-ls`, and `chg-db`. For more information on this procedure, see "Removing a Linkset Containing SS7 Signaling Links" in the *Database Administration Manual – SS7*.

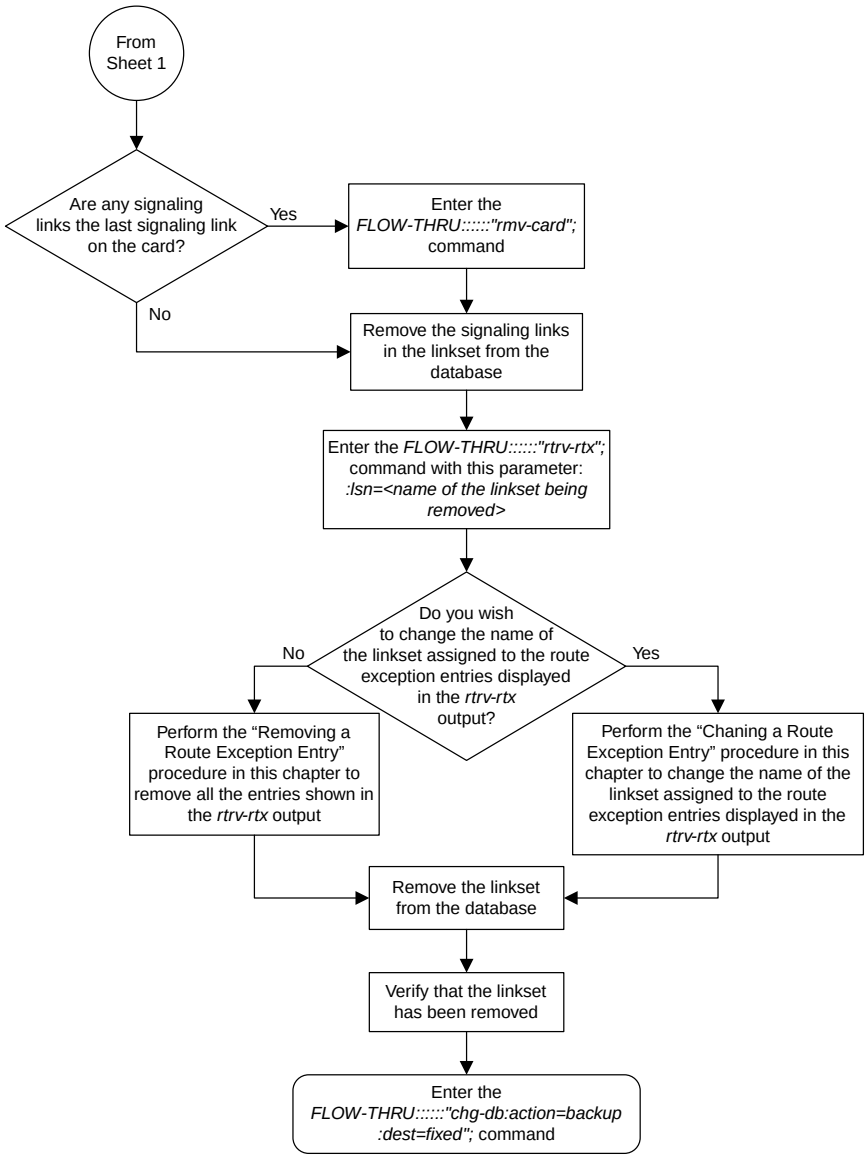
On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface. If the linkset name of the linkset being

removed was configured on the EAGLE 5 ISS with more than eight characters, only the first eight characters of the linkset name can be specified in this procedure.



Sheet 1 of 2

Figure 10: Removing a Linkset Containing SS7 Signaling Links from the SEAS Terminal



Sheet 2 of 2

Changing an SS7 Linkset

This procedure is used to change the definition of an existing linkset in the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, `chg-stpopts`, `rtrv-stpopts`, `rtrv-ss7opts`, `rtrv-ls`, and `chg-db`. For more information on this procedure, see "Changing an SS7 Linkset" in the *Database Administration Manual – SS7*.

If you wish to use the `apci`, `apcn`, `apcn24`, `scrn`, `gwsa`, `gwsd`, `gwsm`, `slsocbit`, `slsrsb`, `itutfr`, `multgc`, `apcntype`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `cggtmod`, `islsrsb`, or `randsls` parameters of the EAGLE 5 ISS `chg-ls` command, perform the "Changing an SS7 Linkset" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to change the adjacent point code of the linkset to an adjacent point code that is assigned to another linkset or change the attributes of a proxy linkset, perform the "Changing an SS7 Linkset" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to use the `sapci`, `sapcn`, `spcn24`, or `action` parameters (for configuring secondary adjacent point codes) of the EAGLE 5 ISS's `chg-ls` command, perform the "Configuring an ITU Linkset with a Secondary Adjacent Point Code (SAPC)" procedure in the *Database Administration Manual - SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to use the `gsmscrn` parameter (for the GSM MAP Screening feature) of the EAGLE 5 ISS's `chg-ls` command, perform the "Configuring a Linkset for the GSM MAP Screening Feature" procedure in the *Database Administration Manual - Features* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to use the `iptps`, `lsusealm`, `slkusealm`, `ipsg`, `adapter`, `asnotif`, `rcontext`, or `slktps` parameters of the EAGLE 5 ISS's `chg-ls` command, perform one of these procedures in the *Database Administration Manual – IP7 Secure Gateway* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

- Configuring an IPGWx Linkset
- Changing an IPSGM3UA Linkset
- Changing an IPSG M2PA Linkset

If you wish to use the `matelsn` or `action` parameters of the EAGLE 5 ISS's `chg-ls` command, perform the "Configuring a Mate IPGWx Linkset" procedure in the *Database Administration Manual – IP7 Secure Gateway* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface. If the linkset name of the linkset specified in this procedure was configured on the EAGLE 5 ISS with more than eight characters, only the first eight characters of the linkset name can be specified in this procedure.

Supplier Specific Parameters

The EAGLE 5 ISS accepts the values for these parameters as supplier specific parameters: `tfatcabmlq`, `bei`, `slsci`, `asl8`, `sltset`, `nis`, `mtprse`, and `nlsn`. *Table 6: Changing an SS7 Linkset Supplier Specific Parameters* shows how the values of these parameters are mapped to the SEAS values and a definition of each parameter. For more information on these parameters, see "Changing an SS7 Linkset" in the *Database Administration Manual – SS7*.

Table 6: Changing an SS7 Linkset Supplier Specific Parameters

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
TFATCABMLQ	0-16	00-16	The TFA/TCA broadcast minimum link quantity shows the minimum number of signaling links in the given link set (or in the combined link set in which it resides) that must be available for traffic.
BEI	YES NO	1 0	The broadcast exception indicator. This parameter indicates that TFPs are allowed to be broadcast on the linkset or not allowed to be broadcast on the linkset. This parameter is typically used to prevent TFPs from being broadcast to another vendor's system. The parameter value 1 means TFPs are not broadcast on the linkset. The parameter value 0 means TFPs are broadcast on the linkset.
SLSCI	ON OFF	1 0	The `slsci` parameter indicates that the 5-bit to 8-bit SLS conversion feature is enabled or not enabled. When the 5-bit to 8-bit SLS conversion feature is enabled (parameter value 1), the EAGLE 5 ISS replaces any five-bit SLS values contained in received messages with a random 8-bit value before they are used by the EAGLE 5 ISS to select the outgoing link in that link set. When the 5-bit to 8-bit SLS conversion feature is not enabled (parameter value 0), the 5-bit to 8-bit SLS conversion is not performed on messages in the linkset.
ASL8	YES NO	1 0	The `asl8` parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not sending MSUs with 8-bit SLSs. The parameter value 1 means the node adjacent to the EAGLE 5 ISS is sending MSUs with 8-bit SLSs. The parameter value 0 means the node adjacent to the EAGLE 5 ISS is not sending MSUs with 8-bit SLSs.
SLTSET	1-20	01-20	The signaling link test message record to be associated with the linkset.
NIS	ON OFF	1 0	The `nis` parameter indicates that the National Spare for Network Indicator feature is on or off

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
			for the specific linkset. This feature allows the linkset to use the national spare value (3) for the network indicator code field in the service information octet (SIO) of the MSU for ANSI linksets and ITU national linksets (linksets containing either 14-bit ITU-N point codes or 24-bit ITU-N point codes). This parameter cannot be specified for ITU international linksets. The parameter value 1 means the National Spare for Network Indicator feature is on. The parameter value 0 means the National Spare for Network Indicator feature is off.
MTPRSE	YES NO	1 0	The `mtprse` parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not equipped with the MTP restart capability. The parameter value 1 means the node adjacent to the EAGLE 5 ISS is equipped with the MTP restart capability The parameter value 0 means the node adjacent to the EAGLE 5 ISS is not equipped with the MTP restart capability.
NLSN	1 alpha and up to 7 alphanumeric characters	1 alpha and up to 7 alphanumeric characters	The new name of the linkset.

The supplier specific parameters must be entered in this order.

TFATCABMLQ, BEI, SLSCI, ASL8, SLTSET, NIS, MTPRSE, NLSN

The supplier specific parameters are optional. The current value of any supplier specific parameter not specified when changing the linkset is not changed.

When the linkset is displayed, the supplier specific parameter values are displayed in this order.

TFATCABMLQ, BEI, SLSCI, ASL8, SLTSET, NIS, MTPRSE

Note: If all linksets in the EAGLE 5 ISS are displayed, only ANSI linksets are displayed. ITU international and ITU national linksets cannot be displayed on the SEAS interface.

When the number of signaling links in the specified linkset is equal to or greater than the value of the supplier specific parameter `tfatcabmlq`, the status of the routes that use the specified linkset is set to allowed and can carry traffic. Otherwise, these routes are restricted. The value of the `tfatcabmlq` parameter cannot exceed the total number of signaling links contained in the linkset. The system default value for the `tfatcabmlq` parameter is 0.

When the `tfatcabmlq` parameter value is 0, the EAGLE 5 ISS broadcasts TFAs/TCAs only when 1/2 of the links in the linkset (or in the combined link set in which it resides) become available. The `tfatcabmlq` parameter value is 1/2 of the number of signaling links contained in the linkset, or 1

when the linkset contains 0 to 3 signaling links. As signaling links are added or removed from the linkset, the `tfatcabmlq` parameter value will be changed automatically.

If the linkset type is being changed to C, or if the current linkset type (unchanged) is C, the supplier specific parameter `tfatcabmlq` cannot be specified unless the `LSRESTRICT` SS7 option is `on`. The state of the `LSRESTRICT` SS7 option is shown in the EAGLE 5 ISS's `rtrv-ss7opts` command output.

To configure the ANSI MTP Restart feature using the supplier specific parameter `mtprse`, the ANSI MTP Restart feature must be enabled with the `chg-feat` command. The `on=mtprsi` and `mtprsit` parameters of the EAGLE 5 ISS's `chg-stpopts` command are also used to configure the ANSI MTP Restart feature.

Note: Once the ANSIMTP Restart feature is turned on with the `chg-feat` command, it cannot be turned off.

The ANSI MTP Restart feature must be purchased before you turn the features on with the chg-feat command. If you are not sure whether you have purchased the ANSI MTP restart feature, contact your Tekelec Sales Representative or Account Representative.

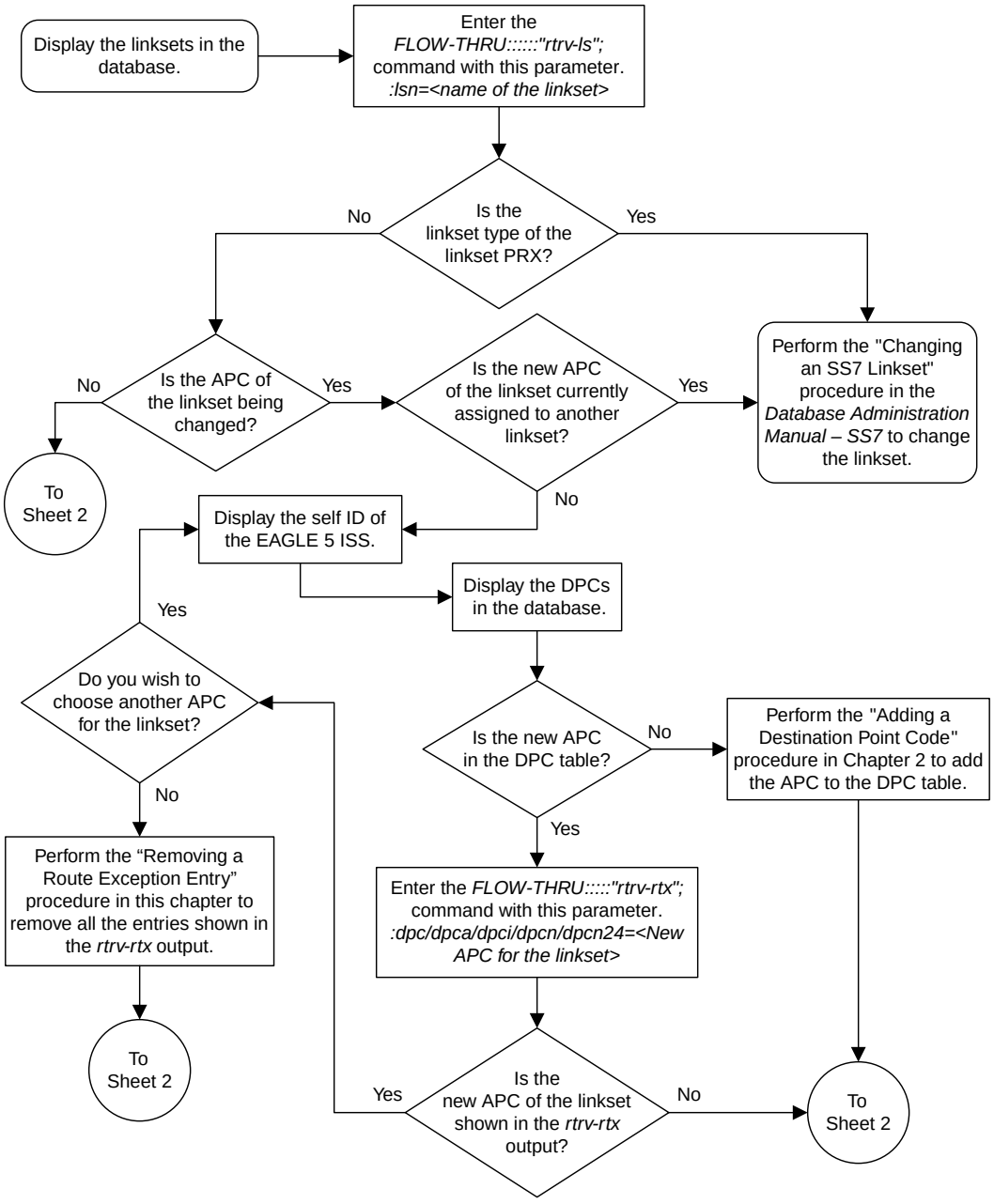
The 5-Bit to 8-Bit SLS Conversion feature is configured using the supplier specific parameters `slsci` and `asl8` and the `slscnv` parameter of the EAGLE 5 ISS's `chg-stpopts` command.

The actions of the supplier specific parameters `slsci` and `asl8` are affected by the `slscnv` parameter of the EAGLE 5 ISS's `chg-stpopts` command. The interaction of these parameters is shown in *Table 7: Signaling Link Selector (SLS) Conversion (ANSI Linksets Only)*.

Table 7: Signaling Link Selector (SLS) Conversion (ANSI Linksets Only)

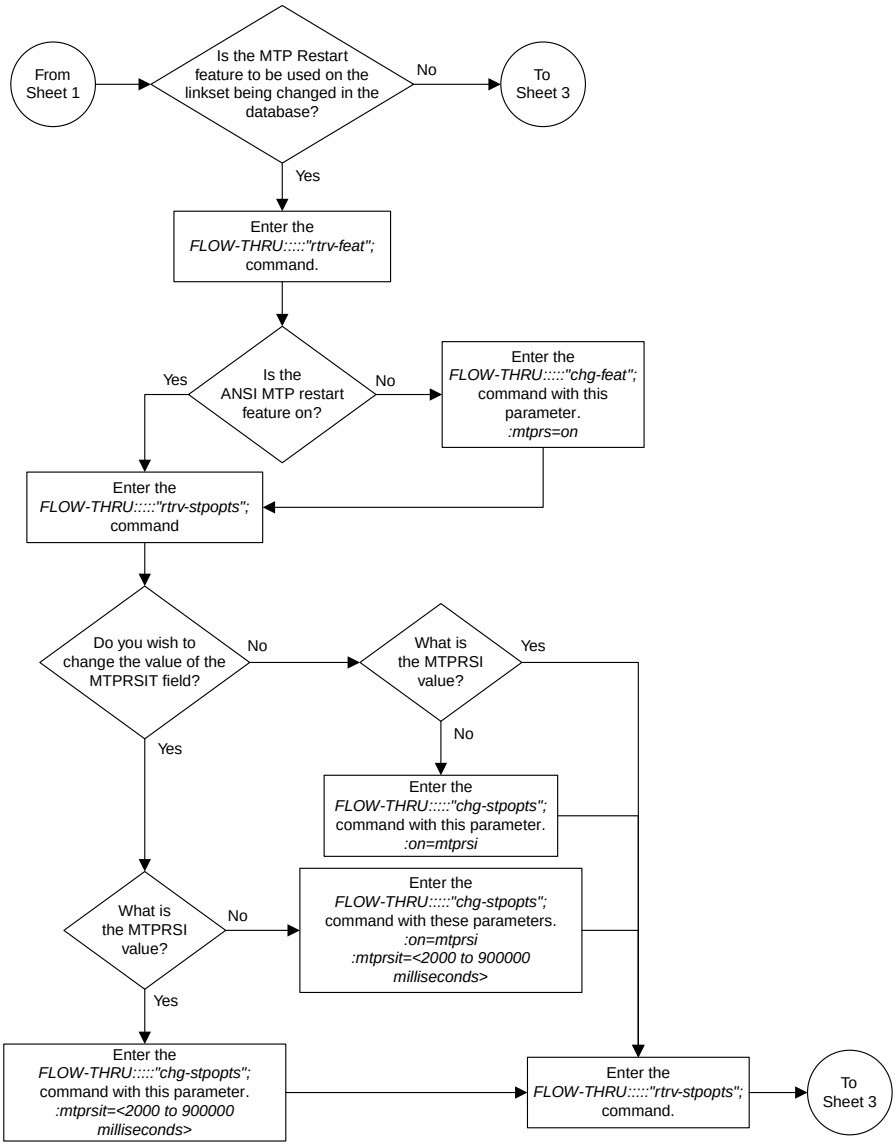
CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
ON	Not Applicable	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed on MSUs received on this linkset.
ON	Not Applicable	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion on MSUs received on this linkset.
OFF	Not Applicable	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed on any linksets.
OFF	Not Applicable	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is not performed on all linksets.
PERLS*	1	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed.
PERLS*	1	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is performed.
PERLS*	0	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed.

CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
PERLS*	0	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is not performed.
* When the `slscnv=perls` parameter is specified with the EAGLE 5 ISS `chg-stpopts` command, 5-bit to 8-bit SLS conversion is only performed on the MSUs arriving at the EAGLE 5 ISS on linksets that have the `asl8=0` parameter assigned to them, and leaving the EAGLE 5 ISS on linksets that have the `slsci=1` parameter assigned to them.			

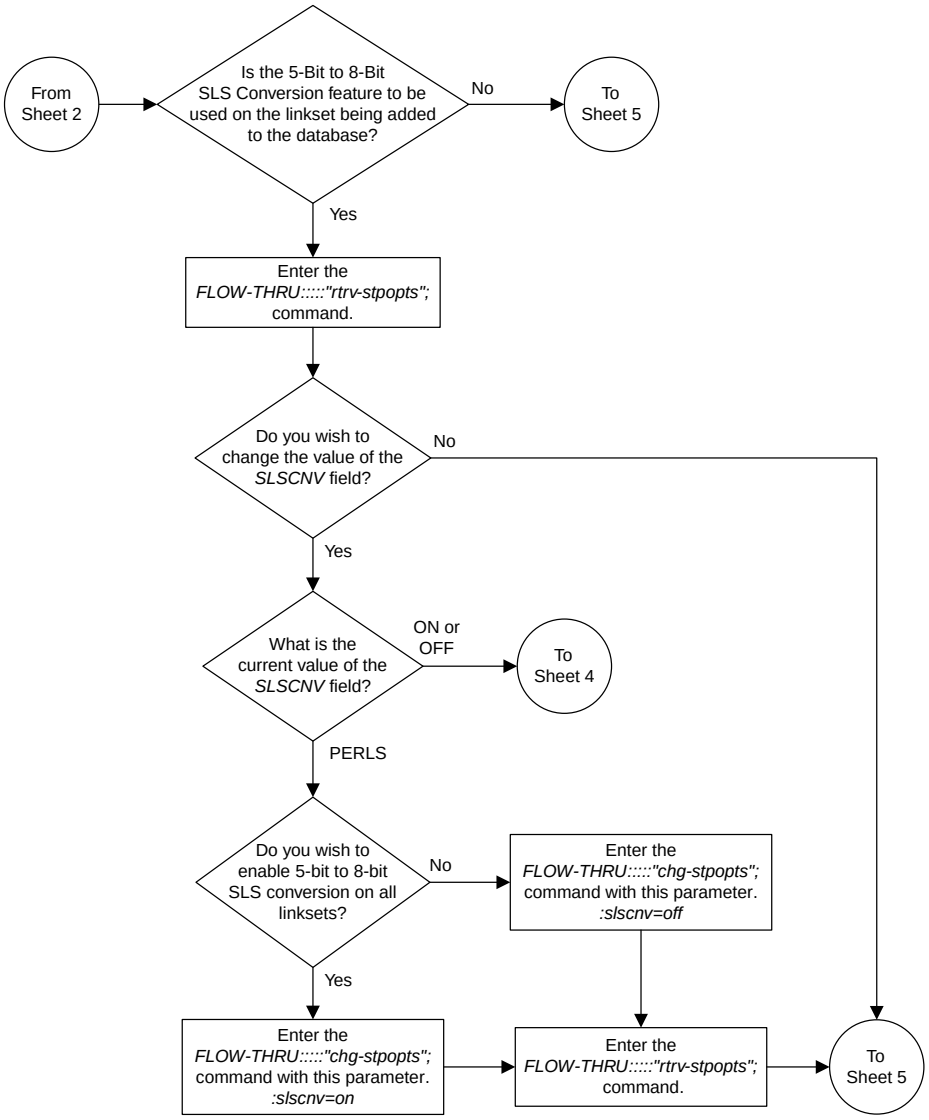


Sheet 1 of 5

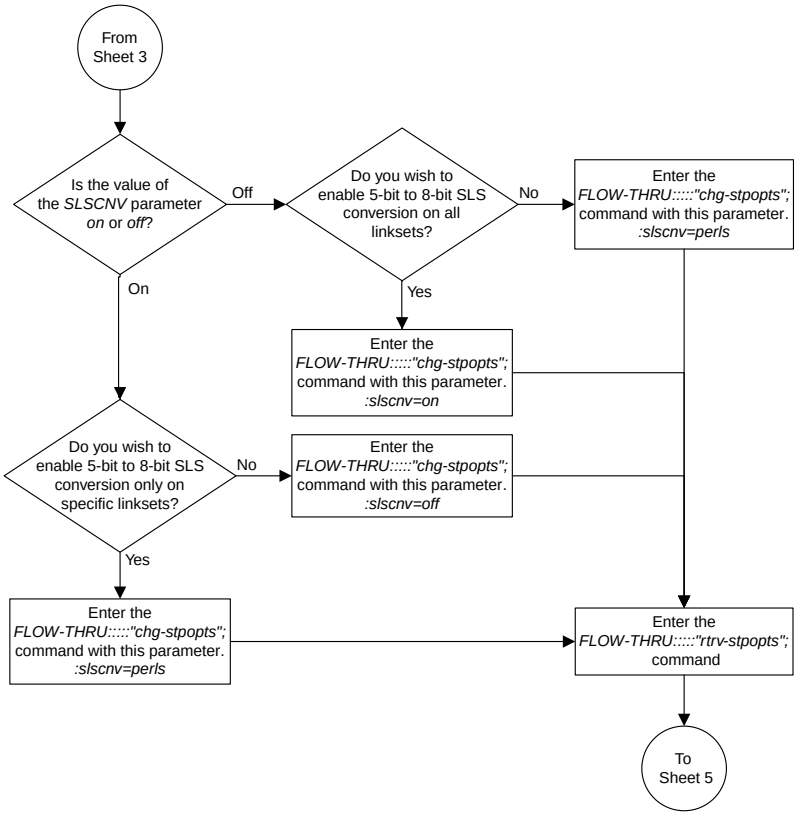
Figure 11: Changing an SS7 Linkset from the SEAS Terminal


From Sheet 1
Is the MTP Restart feature to be used on the linkset being changed in the database?
No
To Sheet 3
Yes
Enter the FLOW-THRU:::::"rtrv-feat"; command.
Is the ANSI MTP restart feature on?
Yes
No
Enter the FLOW-THRU:::::"chg-feat"; command with this parameter. :mtprs=on
Enter the FLOW-THRU:::::"rtrv-stpopts"; command
Do you wish to change the value of the MTPRSIT field?
No
What is the MTPRSI value?
Yes
Yes
No
Enter the FLOW-THRU:::::"chg-stpopts"; command with this parameter. :on=mtprsi
What is the MTPRSI value?
No
Enter the FLOW-THRU:::::"chg-stpopts"; command with these parameters. :on=mtprsi :mtprsit=<2000 to 900000 milliseconds>
Yes
Enter the FLOW-THRU:::::"chg-stpopts"; command with this parameter. :mtprsit=<2000 to 900000 milliseconds>
Enter the FLOW-THRU:::::"rtrv-stpopts"; command.
To Sheet 3

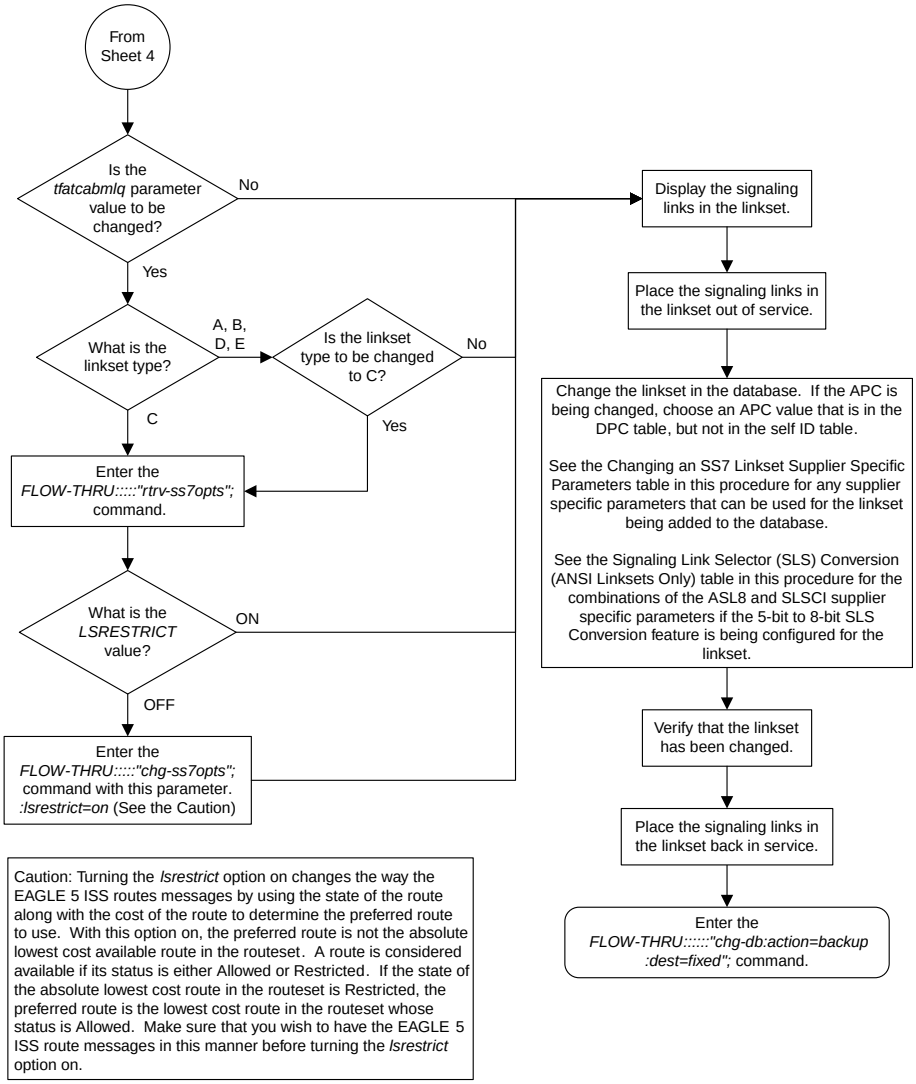
Sheet 2 of 5


From Sheet 2
Is the 5-Bit to 8-Bit SLS Conversion feature to be used on the linkset being added to the database?
No
To Sheet 5
Yes
Enter the *FLOW-THRU:::::"rtrv-stpopts";* command.
Do you wish to change the value of the *SLSCNV* field?
No
Yes
What is the current value of the *SLSCNV* field?
ON or OFF
To Sheet 4
PERLS
Do you wish to enable 5-bit to 8-bit SLS conversion on all linksets?
No
Enter the *FLOW-THRU:::::"chg-stpopts";* command with this parameter. *:slscnv=off*
Yes
Enter the *FLOW-THRU:::::"chg-stpopts";* command with this parameter. *:slscnv=on*
Enter the *FLOW-THRU:::::"rtrv-stpopts";* command.
To Sheet 5

Sheet 3 of 5


From Sheet 3
Is the value of the *SLSCNV* parameter *on* or *off*?
Off
Do you wish to enable 5-bit to 8-bit SLS conversion on all linksets?
No
Enter the *FLOW-THRU:::::"chg-stpopts";* command with this parameter. *:slscnv=perls*
On
Yes
Enter the *FLOW-THRU:::::"chg-stpopts";* command with this parameter. *:slscnv=on*
Do you wish to enable 5-bit to 8-bit SLS conversion only on specific linksets?
No
Enter the *FLOW-THRU:::::"chg-stpopts";* command with this parameter. *:slscnv=off*
Yes
Enter the *FLOW-THRU:::::"chg-stpopts";* command with this parameter. *:slscnv=perls*
Enter the *FLOW-THRU:::::"rtrv-stpopts";* command
To Sheet 5

Sheet 4 of 5



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Adding an SS7 Signaling Link

This procedure is used to add an SS7 signaling link to the database. For more information on this procedure, see the "Adding an SS7 Signaling Link" procedure in the *Database Administration Manual – SS7*. This procedure uses these EAGLE 5 ISS commands.

`rtrv-card`	`rtrv-t1`	`rtrv-slk`	`rept-stat-gpl`	`rtrv-feat`
`chg-feat`	`rtrv-tps`	`rst-card`	`rept-stat-slk`	`rept-stat-iptps`
`rtrv-ls`	`chg-db`	`rept-stat-card`	`rtrv-ctrl-feat`	`inh-card`

```
rmv-card      alw-card
```

The SS7 signaling link that is configured in this procedure is running the card and application combinations shown in *Table 8: SS7 Signaling Link Card and Application Combinations* .

Table 8: SS7 Signaling Link Card and Application Combinations

Card Type	Application	Type of Signaling Link
limds0	ss7ansi	MPL signaling link
limt1	ss7ansi	T1 signaling link
limch		
limatm	atmansi	ATM high-speed signaling link
dcm	iplim	IP signaling link

If you wish to configure any of the signaling links shown in *Table 9: Signaling Link Procedures*, perform the procedures shown in *Table 9: Signaling Link Procedures* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Table 9: Signaling Link Procedures

Type of Signaling Link	Procedure
A signaling link on a LIM running the CCS7ITU application	"Adding an SS7 Signaling Link" procedure in the *Database Administration Manual – SS7*
An E1 ATM high-speed signaling link	"Adding an ATM High-Speed Signaling Link" procedure in the *Database Administration Manual – SS7*
A signaling link on a LIM running either the `ss7ipgw`, `ipgwi`, `iplimi`, or `ipsg` applications	One of these procedures in the *Database Administration Manual – IP7 Secure Gateway*. • Adding an IPLIMx Signaling Link • Adding an IPGWx Signaling Link • Adding an IPSGM3UA Signaling Link • Adding an IPSG M2PA Signaling Link
An E1 signaling link	"Adding an E1 Signaling Link" procedure in the *Database Administration Manual – SS7*
A T1 signaling link that is assigned to an unchannelized T1 port	"Adding a T1 Signaling Link" procedure in the *Database Administration Manual – SS7*

To support more than 1200 signaling links, certain levels of hardware must be installed in the EAGLE 5 ISS. Go to Appendix D, "Reference Information," in the *Database Administration Manual - SS7* for the hardware requirements.

For the EAGLE 5 ISS to contain more than 1200 signaling links, the Large System # Links controlled feature must be enabled for the desired quantity. Perform the "Enabling the Large System # Links

Controlled Feature" in the *Database Administration Manual - SS7* to enable the Large System # Links feature.

Supplier Specific Parameters

The EAGLE 5 ISS accepts the values for these parameters as supplier specific parameters: `l2test`, `ecm`, `pcrn1`, `pcrn2`, `lpset`, `atmtsel`, `vci`, `vpi`, `ll`, `ts`, `t1port`, and `t1loc`. *Table 10: SS7 Signaling Link Supplier Specific Parameters* shows how the EAGLE 5 ISS parameter values are mapped to the SEAS values and a definition of each parameter. For more information on these parameters, see "Adding an SS7 Signaling Link" in the *Database Administration Manual – SS7*.

Table 10: SS7 Signaling Link Supplier Specific Parameters

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
L2TSET	1-20	01-20	The level 2 timer set table. A signaling link may be assigned to any of the twenty tables.
ECM	BASIC PCR	1 0	Error correction method
PCRN1	1-127	001 - 127	The threshold of the number of MSUs available for retransmission. If the error correction method being used is PCR, and this threshold is reached, no new MSUs or FISUs are sent. The retransmission cycle is continued up to the last MSU entered into the retransmission buffer in the order in which they were originally transmitted.
PCRN2	300-3500	0300 - 35500	The threshold of the number of MSU octets available for retransmission. If the error correction method being used is PCR, and this threshold is reached, no new MSUs or FISUs are sent. The retransmission cycle is continued up to the last MSU entered into the retransmission buffer in the order in which they were originally transmitted.
LPSET	1-20	01 - 20	The link parameter set identifier – the ATM signaling parameter set table. An ATM signaling link can be assigned to any of twenty parameter set tables.
ATMTSEL	LINE EXTERNAL INTERNAL	0 1 2	The ATM timing selector – The source of the timing for the ATM signaling link, internal, line, or external. Internal timing is derived from an internal clock source operating at 1.544 MHz ± 50 ppm. Line timing is derived from its received data stream, if present. External timing is derived from a clock source external to the EAGLE 5 ISS.

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
VCI	0-65535	00000 - 65535	The virtual channel identifier – The identifier of the virtual channel used by the ATM signaling link for virtual channel connections. **Note:** If a 3 Links per E5-ATM Card quantity is enabled, the `VCI` parameter value can be from 00000 to 16383.
VPI	0-4095	0000-4095	The virtual path identifier – The identifier of the virtual path used by the ATM signaling link for virtual path connections.
LL	0-7	0-7	The length of the cable used for the ATM signaling link. The value of the `ll` parameter is from 0 to 7, with each number representing a range of cable lengths.
TS	1-24	01-24	The timeslot on the T1 card or channel card being used for the T1 signaling link
T1PORT	1-8	1-8	The T1 port on the T1 card that is servicing the timeslot selected for the T1 signaling link. Note: The values 1 to 8 for this parameter can be specified only if the T1 card is an HC MIM or an E5-E1T1 card. If the T1 card containing the T1 signaling link is an E1/T1 MIM, the value for this parameter is either 1 or 2.
T1LOC	1101-6118	1101-6118	The location of the T1 card servicing the timeslot selected for the T1 signaling link.

The supplier specific parameters must be entered in this order.

The supplier specific parameters are optional. The default value will be entered for any supplier specific parameter not specified when adding the signaling link.

When the signaling link is displayed, the supplier specific parameter values are displayed in this order.

L2TSET,,, ECM, PCRN1, PCRN2, LPSET, ATMTSEL, VCI, VPI, LL, TS, T1PORT, T1LOC

The SEAS parameter `SVCST` is not supported by the EAGLE 5 ISS. When a signaling link is added to the database using the EAGLE 5 ISS's `ent-slk` command, the state of the signaling link is set to unavailable, equivalent to specifying the `SVCST=UAV` parameter with the SEAS `ASGN-SLK` command. If a signaling link is added to the database using the SEAS `ASGN-SLK` command, and the `SVCST` parameter is not specified, the state of the signaling link is set to active.

The EAGLE 5 ISS supports only the value `N` for the SEAS `ENCR` parameter. If the `ENCR=Y` parameter is specified, the parameter is rejected with the IDNS message.

The EAGLE 5 ISS does not support the `EQOPTS` parameter. Any value for this parameter is rejected by the EAGLE 5 ISS.

Canceling the REPT-STAT-SLK and RTRV-SLK Commands

Because the EAGLE 5 ISS's `rept-stat-slk` and `rtrv-slk` commands used in this procedure can output information for a long period of time, the `rept-stat-slk` and `rtrv-slk` commands can be canceled and the output of the `rept-stat-slk` command stopped. To cancel the `rept-stat-slk` and `rtrv-slk` commands, enter the EAGLE 5 ISS's `canc-cmd` without the `trm` parameter and with the SEAS `FLOW-THRU` command.

For more information about the `canc-cmd` command, go to the *Commands Manual*.

SS7 Signaling Link Parameter Combinations

Table 11: SS7 Signaling Link Parameter Combinations shows the four types of SS7 signaling links that can be provisioned in the database and the parameters and values that can be used to provision each type of SS7 signaling link.

Table 11: SS7 Signaling Link Parameter Combinations

MPL Signaling Link (See Note 1)	ATM High-Speed Signaling Link	IP Signaling Link	T1 Signaling Link
Mandatory Parameters			
loc = location of the MPL with the SS7ANSI application and the LIMDS0 card type.	loc = location of the ATM high-speed LIM with the ATMANSI application and the LIMATM card type.	loc = location of the DCM with of the IPLIM application and the DCM card type.	loc = location of the LIM-T1 or LIMCH with of the SS7ANSI application. and either the LIMT1 or LIMCH card type.
link = A, A1, A2, A3, B, B1, B2, or B3	link = A or B (See Note 9)	link = A - A3, B - B3 (See Note 8) link = A4 - A7, B4 - B7 (See Note 8)	link = See Note 7
lsn = linkset name (See Note 6)	lsn = linkset name (See Note 6)	lsn = linkset name (See Note 6)	lsn = linkset name (See Note 6)
mn = 00 - 15	mn = 00 - 15	mn = 00 - 15	mn = 00 - 15
lkspd = 56	lkspd = 1536 or 1544	lkspd = 1536	lkspd = 56 or 64
Supplier Specific Parameters			
l2tset = 01 - 20 default value = 1	lpset = 01 - 20 default value = 1		ts = 01 - 24
ecm = 1 or 0 default value = 1	atmtsel = 0, 1, 2 default value = 0		t1port = See Note 4 default value = 1

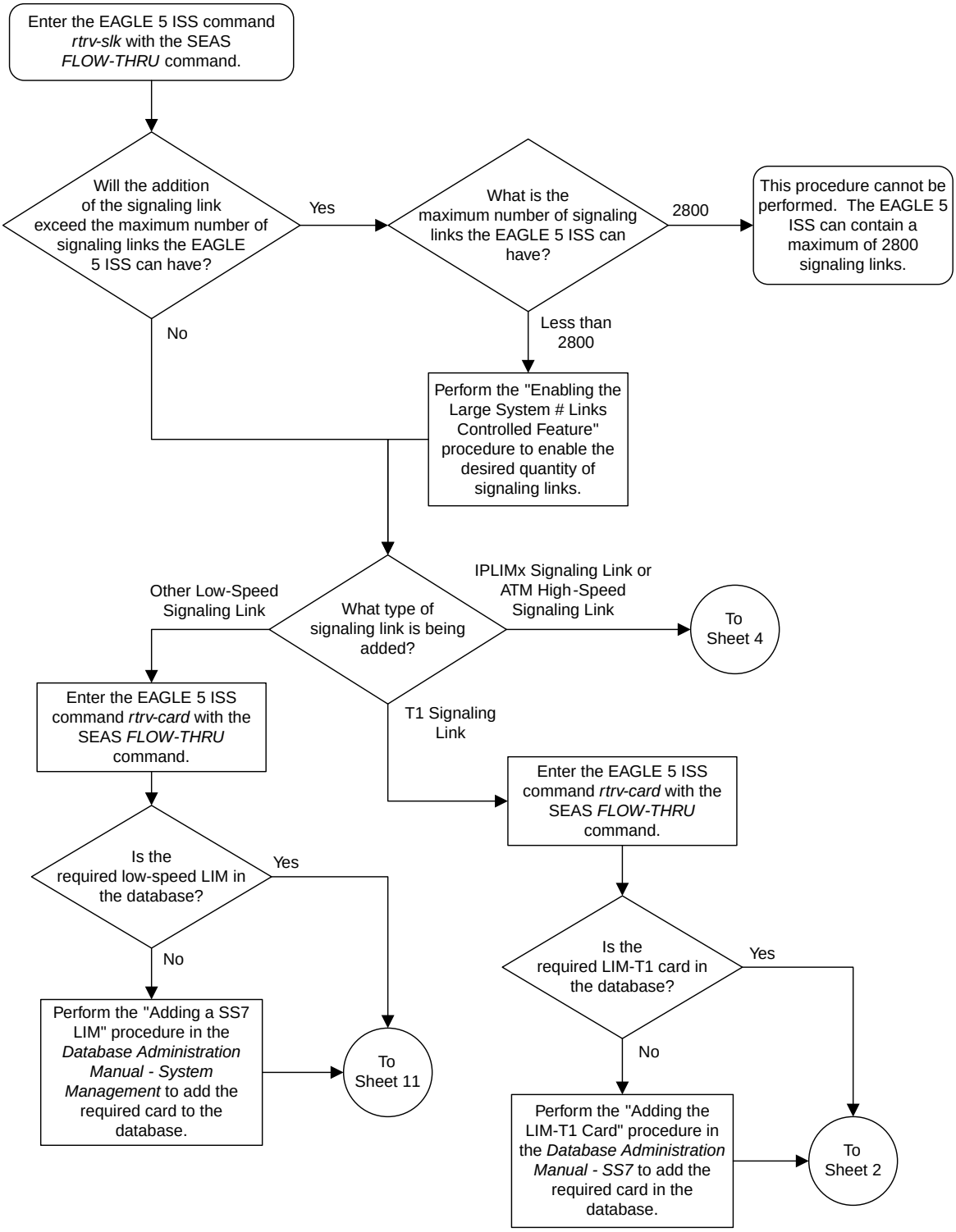
MPL Signaling Link (See Note 1)	ATM High-Speed Signaling Link	IP Signaling Link	T1 Signaling Link
pcrn1 = 001 - 127 (See Note 2) default value =0 76	vci = 00000 - 65535 or 00000 - 16383(See Note 3) default value = 00005		t1loc = location of the LIM-T1 card (See Notes 4 and 5)
pcrn2 = 0300 - 35500 (See Note 2) default value = 3800	vpi = 0000 - 4095 default value = 0		ecm = 1 or 0 default value = 1
	ll = 0 - 7 default value = 0		pcrn1 = 001 - 127 (See Note 2) default value = 076
			pcrn2 = 0300 - 35500 (See Note 2) default value = 3800

Notes:

1. This procedure is not used to configure E1 signaling links. To configure E1 signaling links, go to Appendix A, "E1 Interface," in the *Database Administration Manual - SS7*.
2. These parameters can be specified only when the value of the `ecm` parameter is 0.
3. The values 0 - 4 and 6 - 31 cannot be specified for the `vci` parameter. These values are reserved. If a 3 Links per E5-ATM Card quantity is enabled, the `VCI` parameter value can be from 00000 to 16383.
4. If the card is a channel card (card type LIMCH), the `t1port` value cannot be specified. The `t1loc` parameter must be specified if the T1 signaling link is assigned to a channel card. The `t1port` and `t1loc` parameters cannot be specified for a channel card. If the card is an HC MIM or E5-E1T1 card (card type LIMT1), the `t1port` parameters can be 1 through 8. If the card is an E1/T1MIM (card type LIMT1), the `t1port` parameter values are either 1 or 2. The HC MIM or E5-E1T1 card cannot be a channel card.
5. The `t1loc` parameter can only be specified if the card that the T1 signaling link is being assigned to is a LIMCH card
6. On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface. If the linkset name of the linkset specified in this procedure was configured on the EAGLE 5 ISS with more than eight characters, only the first eight characters of the linkset name can be specified in this procedure.
7. The range of `link` parameter values is dependent on the type of LIMT1 card (either an E1/T1 MIM, an HC MIM, or E5-E1T1 card) and if the card is an HC MIM, the HC MIM signaling link quantity that is enabled.

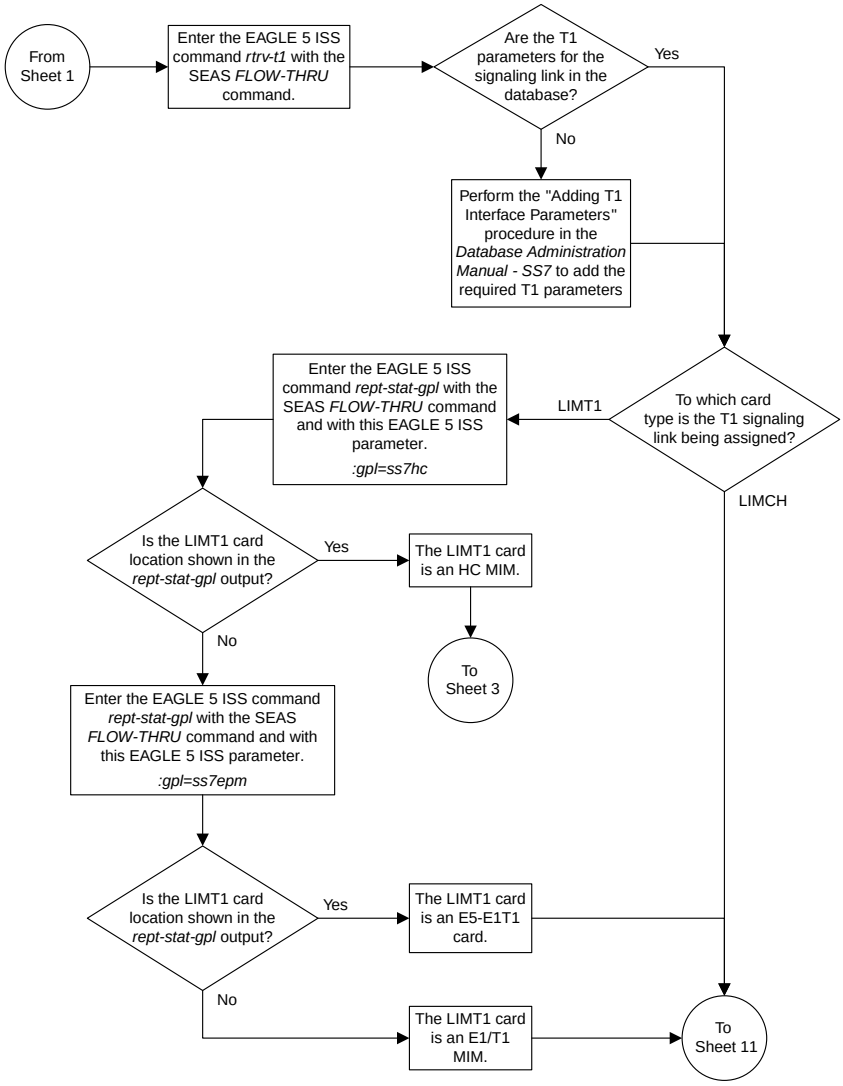
   E1/T1 MIM - Link Parameter Values A - A3, B - B3

MPL Signaling Link (See Note 1)	ATM High-Speed Signaling Link	IP Signaling Link	T1 Signaling Link
HC MIM - Link Parameter Values A - A31, B - B31. If the Fan feature is off, shown in the `rtrv-feat` output with the entry `FAN = off`, the link parameter values can only be A - A15, B - B15. E5-E1T1 - Link Parameter Values A - A15, B - B15 **8.** The link values A - A3 and B - B3 can be specified only if the card is a single-slot EDCM or an E5-ENET card. The link values A4 - A7 and B4 - B7 can be specified only if the card is an E5-ENET card. **9.** The link value A1 and B can be specified only if the card is an E5-ATM.The link value A1 can be specified only if the feature is enabled and turned on.			

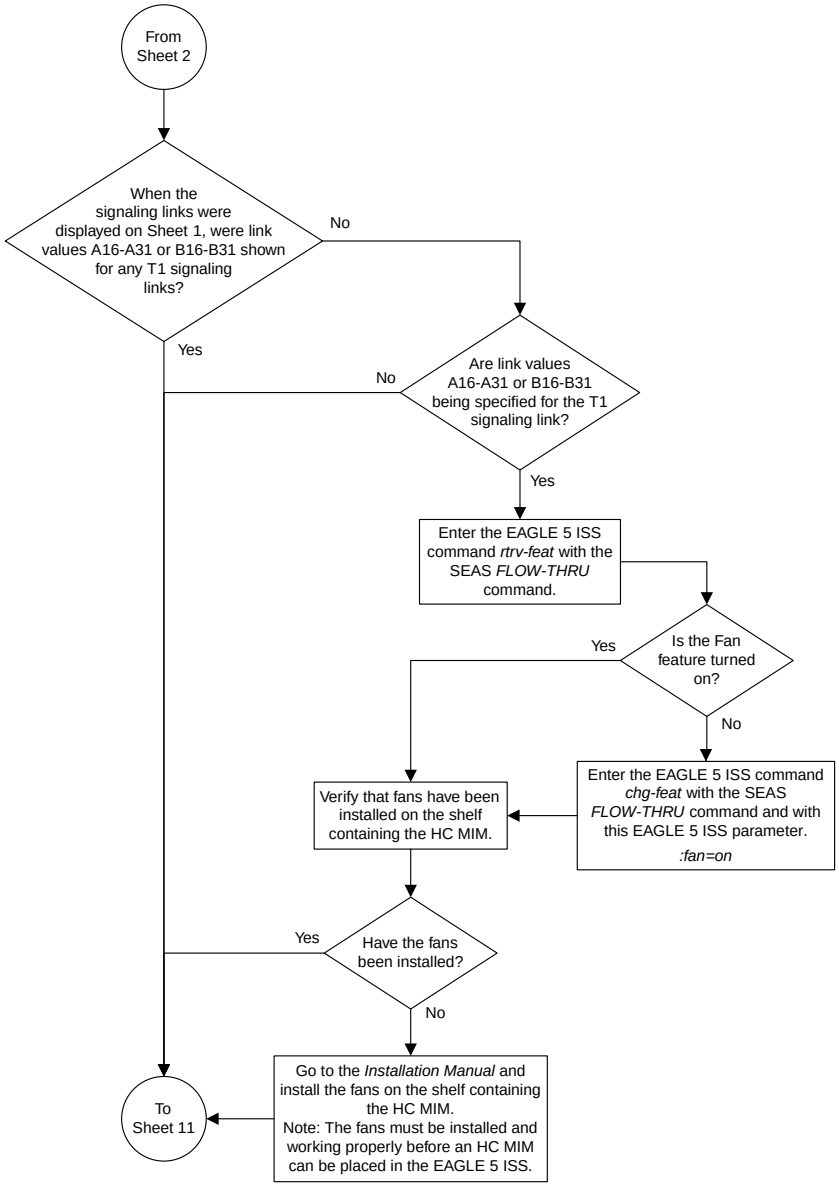

Enter the EAGLE 5 ISS command *rtrv-slk* with the SEAS *FLOW-THRU* command.
Will the addition of the signaling link exceed the maximum number of signaling links the EAGLE 5 ISS can have?
Yes
What is the maximum number of signaling links the EAGLE 5 ISS can have?
2800
This procedure cannot be performed. The EAGLE 5 ISS can contain a maximum of 2800 signaling links.
No
Less than 2800
Perform the "Enabling the Large System # Links Controlled Feature" procedure to enable the desired quantity of signaling links.
What type of signaling link is being added?
Other Low-Speed Signaling Link
IPLIMx Signaling Link or ATM High-Speed Signaling Link
To Sheet 4
T1 Signaling Link
Enter the EAGLE 5 ISS command *rtrv-card* with the SEAS *FLOW-THRU* command.
Is the required low-speed LIM in the database?
Yes
No
Perform the "Adding a SS7 LIM" procedure in the *Database Administration Manual - System Management* to add the required card to the database.
To Sheet 11
Enter the EAGLE 5 ISS command *rtrv-card* with the SEAS *FLOW-THRU* command.
Is the required LIM-T1 card in the database?
Yes
No
Perform the "Adding the LIM-T1 Card" procedure in the *Database Administration Manual - SS7* to add the required card in the database.
To Sheet 2

Sheet 1 of 11

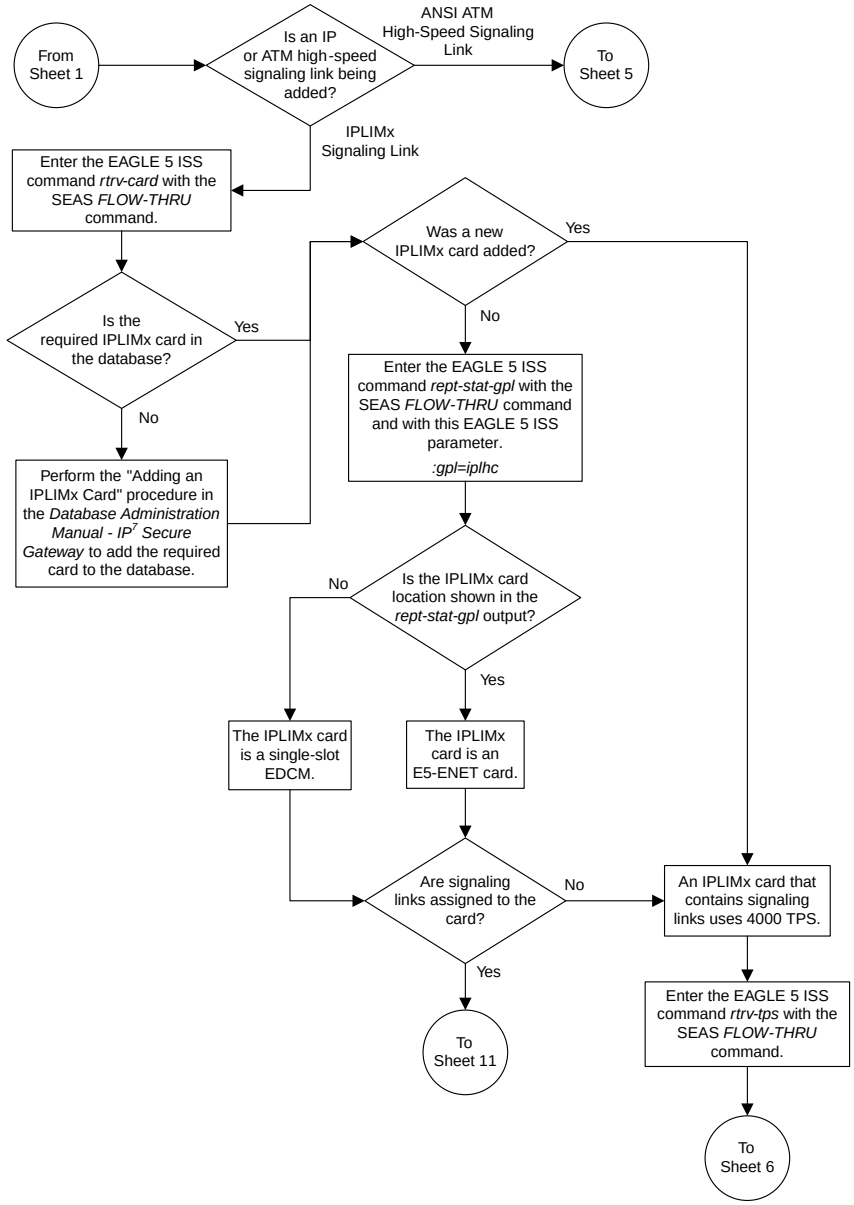
Figure 12: Adding an SS7 Signaling Link from the SEAS Terminal



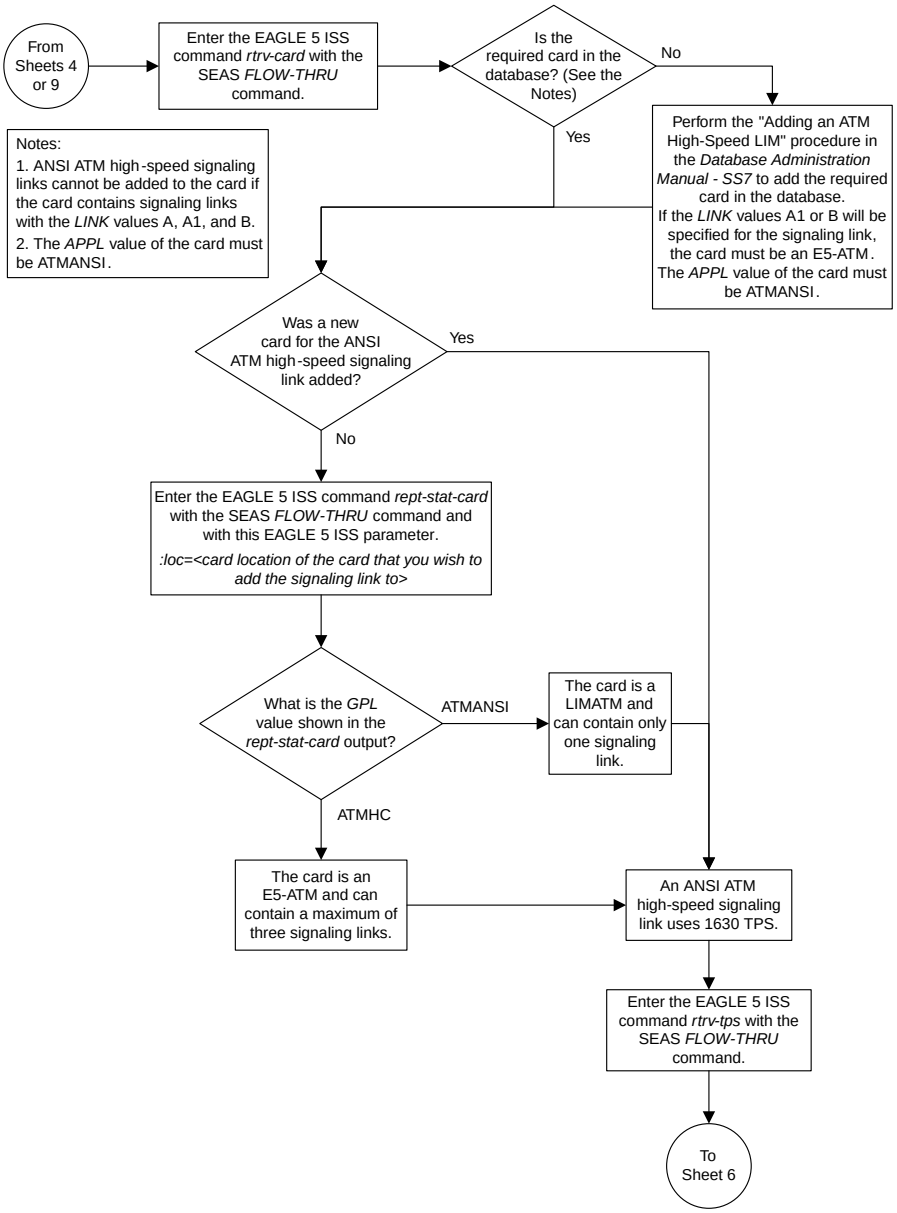
Sheet 2 of 11


From Sheet 2
When the signaling links were displayed on Sheet 1, were link values A16-A31 or B16-B31 shown for any T1 signaling links?
No
Yes
Are link values A16-A31 or B16-B31 being specified for the T1 signaling link?
No
Yes
Enter the EAGLE 5 ISS command *rtrv-feat* with the SEAS *FLOW-THRU* command.
Is the Fan feature turned on?
Yes
No
Enter the EAGLE 5 ISS command *chg-feat* with the SEAS *FLOW-THRU* command and with this EAGLE 5 ISS parameter.
:fan=on
Verify that fans have been installed on the shelf containing the HC MIM.
Have the fans been installed?
Yes
No
Go to the *Installation Manual* and install the fans on the shelf containing the HC MIM.
Note: The fans must be installed and working properly before an HC MIM can be placed in the EAGLE 5 ISS.
To Sheet 11

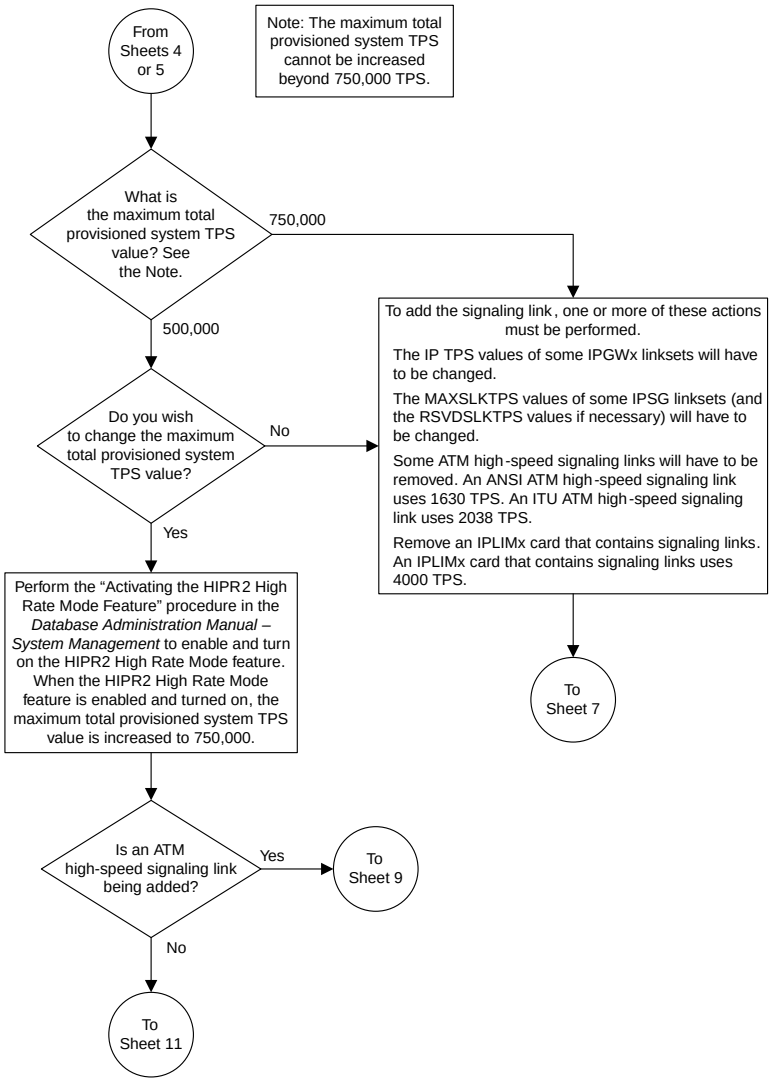
Sheet 3 of 11


From Sheet 1
Is an IP or ATM high-speed signaling link being added?
ANSI ATM High-Speed Signaling Link
To Sheet 5
IPLIMx Signaling Link
Enter the EAGLE 5 ISS command *rtrv-card* with the SEAS *FLOW-THRU* command.
Was a new IPLIMx card added?
Yes
No
Is the required IPLIMx card in the database?
Yes
No
Perform the "Adding an IPLIMx Card" procedure in the *Database Administration Manual - IP7 Secure Gateway* to add the required card to the database.
Enter the EAGLE 5 ISS command *rept-stat-gpl* with the SEAS *FLOW-THRU* command and with this EAGLE 5 ISS parameter.
:gpl=iplhc
Is the IPLIMx card location shown in the *rept-stat-gpl* output?
No
Yes
The IPLIMx card is a single-slot EDCM.
The IPLIMx card is an E5-ENET card.
Are signaling links assigned to the card?
No
Yes
An IPLIMx card that contains signaling links uses 4000 TPS.
Enter the EAGLE 5 ISS command *rtrv-tps* with the SEAS *FLOW-THRU* command.
To Sheet 11
To Sheet 6

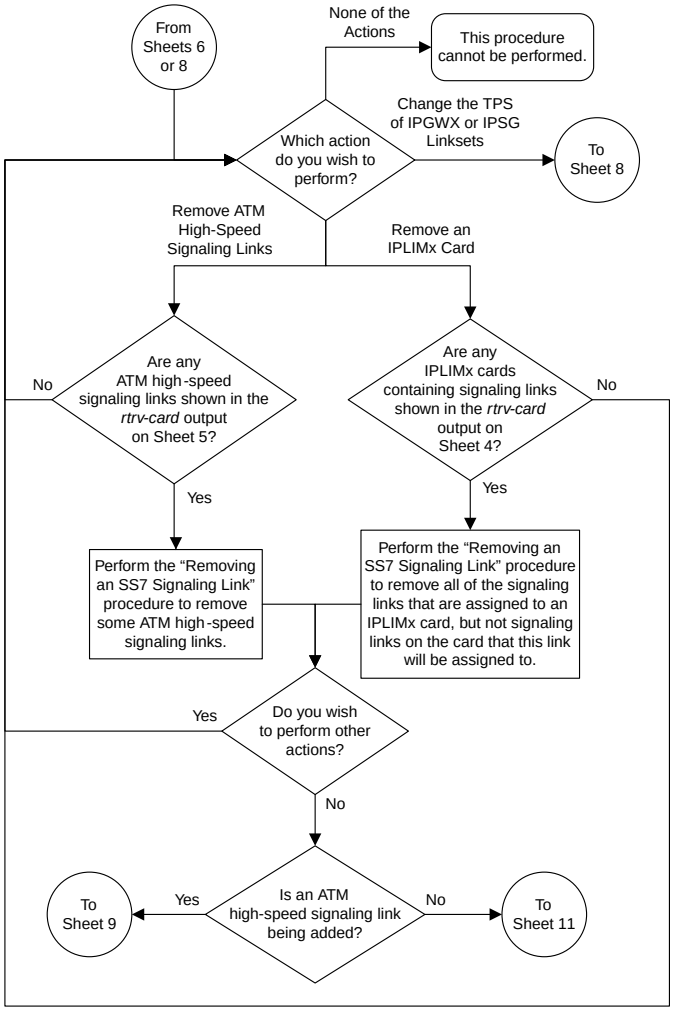
Sheet 4 of 11


From Sheets 4 or 9
Enter the EAGLE 5 ISS command *rtrv-card* with the SEAS *FLOW-THRU* command.
Is the required card in the database? (See the Notes)
No
Yes
Perform the "Adding an ATM High-Speed LIM" procedure in the *Database Administration Manual - SS7* to add the required card in the database.
If the *LINK* values A1 or B will be specified for the signaling link, the card must be an E5-ATM.
The *APPL* value of the card must be ATMANSI.
Notes:
1. ANSI ATM high-speed signaling links cannot be added to the card if the card contains signaling links with the *LINK* values A, A1, and B.
2. The *APPL* value of the card must be ATMANSI.
Was a new card for the ANSI ATM high-speed signaling link added?
Yes
No
Enter the EAGLE 5 ISS command *rept-stat-card* with the SEAS *FLOW-THRU* command and with this EAGLE 5 ISS parameter.
:loc=<card location of the card that you wish to add the signaling link to>
What is the *GPL* value shown in the *rept-stat-card* output?
ATMANSI
The card is a LIMATM and can contain only one signaling link.
ATMHC
The card is an E5-ATM and can contain a maximum of three signaling links.
An ANSI ATM high-speed signaling link uses 1630 TPS.
Enter the EAGLE 5 ISS command *rtrv-tps* with the SEAS *FLOW-THRU* command.
To Sheet 6

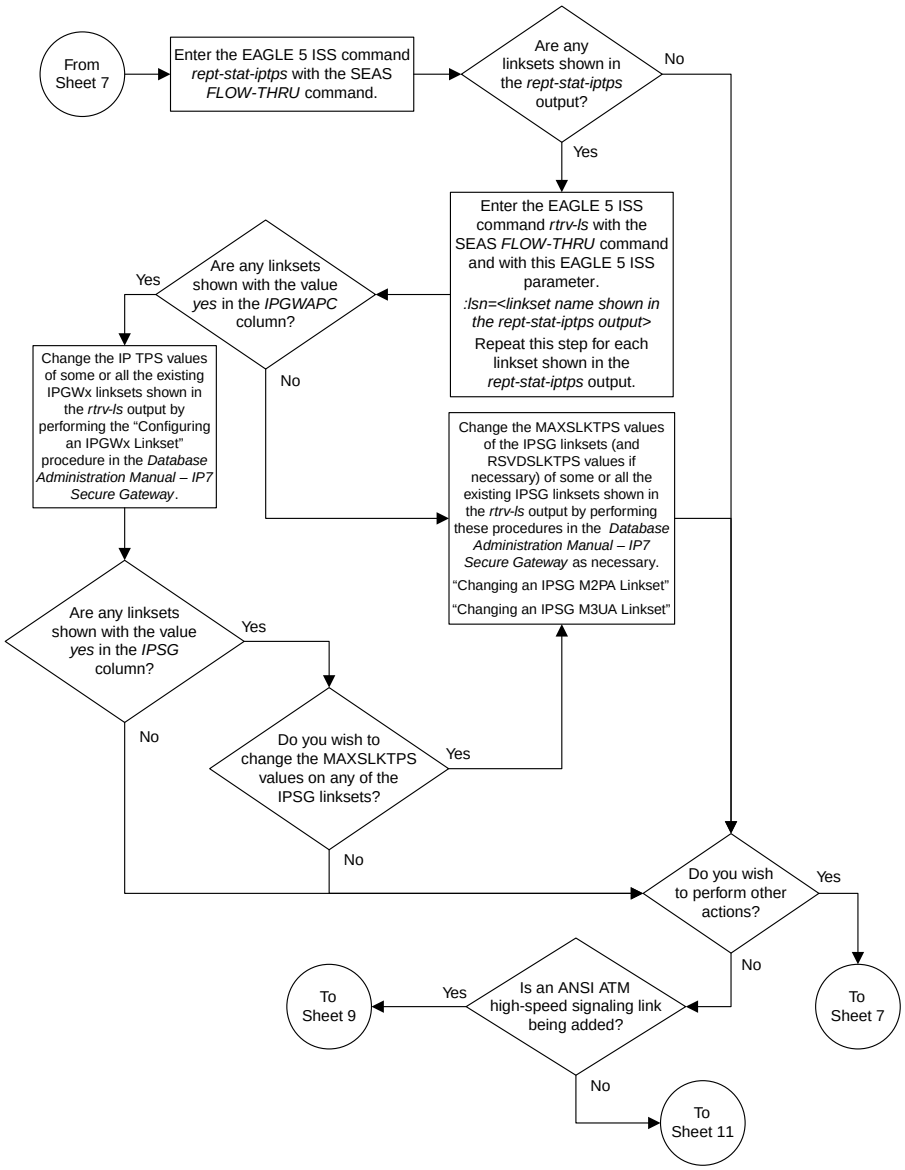
Sheet 5 of 11


From Sheets 4 or 5
Note: The maximum total provisioned system TPS cannot be increased beyond 750,000 TPS.
What is the maximum total provisioned system TPS value? See the Note.
750,000
500,000
To add the signaling link, one or more of these actions must be performed.
The IP TPS values of some IPGWx linksets will have to be changed.
The MAXSLKTPS values of some IPSG linksets (and the RSVDSLKTPS values if necessary) will have to be changed.
Some ATM high-speed signaling links will have to be removed. An ANSI ATM high-speed signaling link uses 1630 TPS. An ITU ATM high-speed signaling link uses 2038 TPS.
Remove an IPLIMx card that contains signaling links. An IPLIMx card that contains signaling links uses 4000 TPS.
Do you wish to change the maximum total provisioned system TPS value?
No
Yes
To Sheet 7
Perform the "Activating the HIPR2 High Rate Mode Feature" procedure in the *Database Administration Manual – System Management* to enable and turn on the HIPR2 High Rate Mode feature. When the HIPR2 High Rate Mode feature is enabled and turned on, the maximum total provisioned system TPS value is increased to 750,000.
Is an ATM high-speed signaling link being added?
Yes
To Sheet 9
No
To Sheet 11

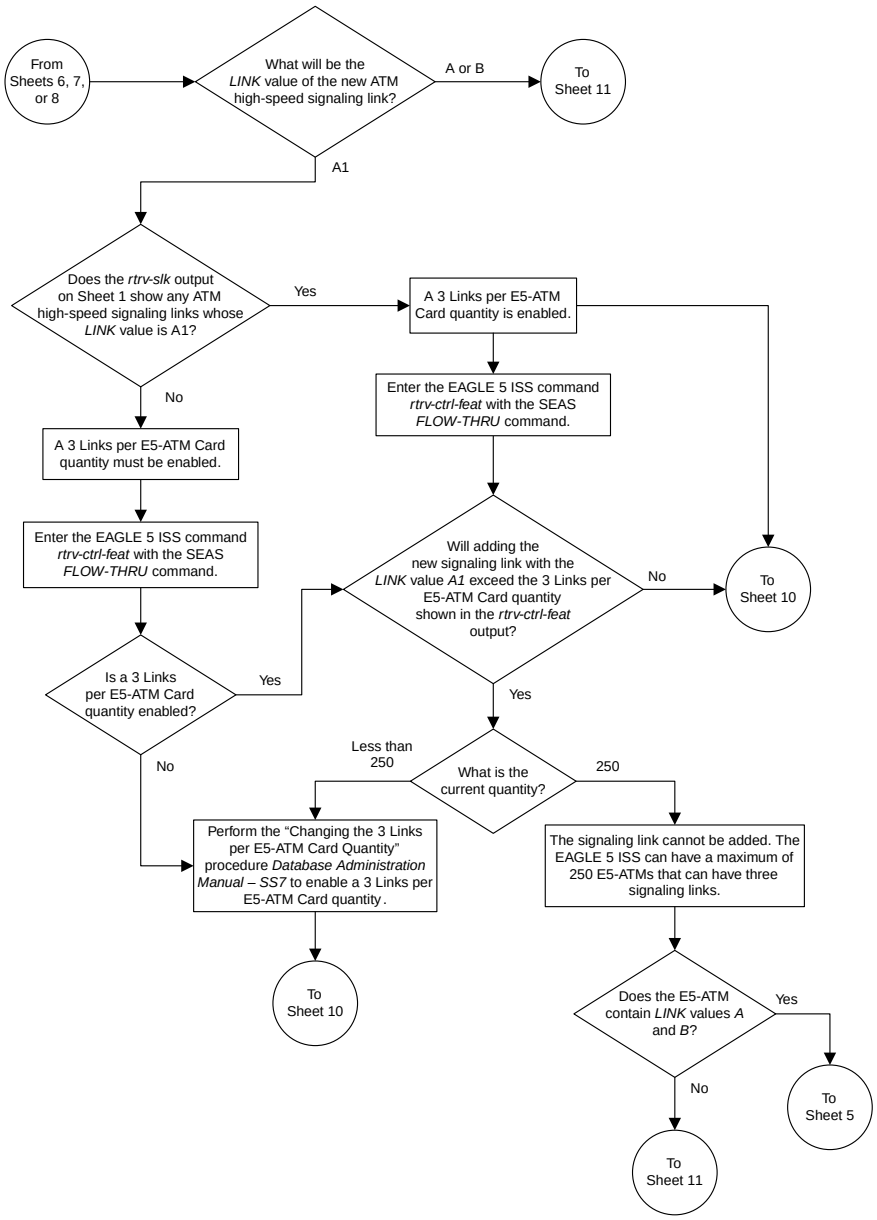
Sheet 6 of 11


From Sheets 6 or 8
None of the Actions
This procedure cannot be performed.
Change the TPS of IPGWX or IPSG Linksets
To Sheet 8
Which action do you wish to perform?
Remove ATM High-Speed Signaling Links
Remove an IPLIMx Card
Are any ATM high-speed signaling links shown in the *rtrv-card* output on Sheet 5?
No
Yes
Are any IPLIMx cards containing signaling links shown in the *rtrv-card* output on Sheet 4?
No
Yes
Perform the "Removing an SS7 Signaling Link" procedure to remove some ATM high-speed signaling links.
Perform the "Removing an SS7 Signaling Link" procedure to remove all of the signaling links that are assigned to an IPLIMx card, but not signaling links on the card that this link will be assigned to.
Do you wish to perform other actions?
Yes
No
Is an ATM high-speed signaling link being added?
Yes
No
To Sheet 9
To Sheet 11

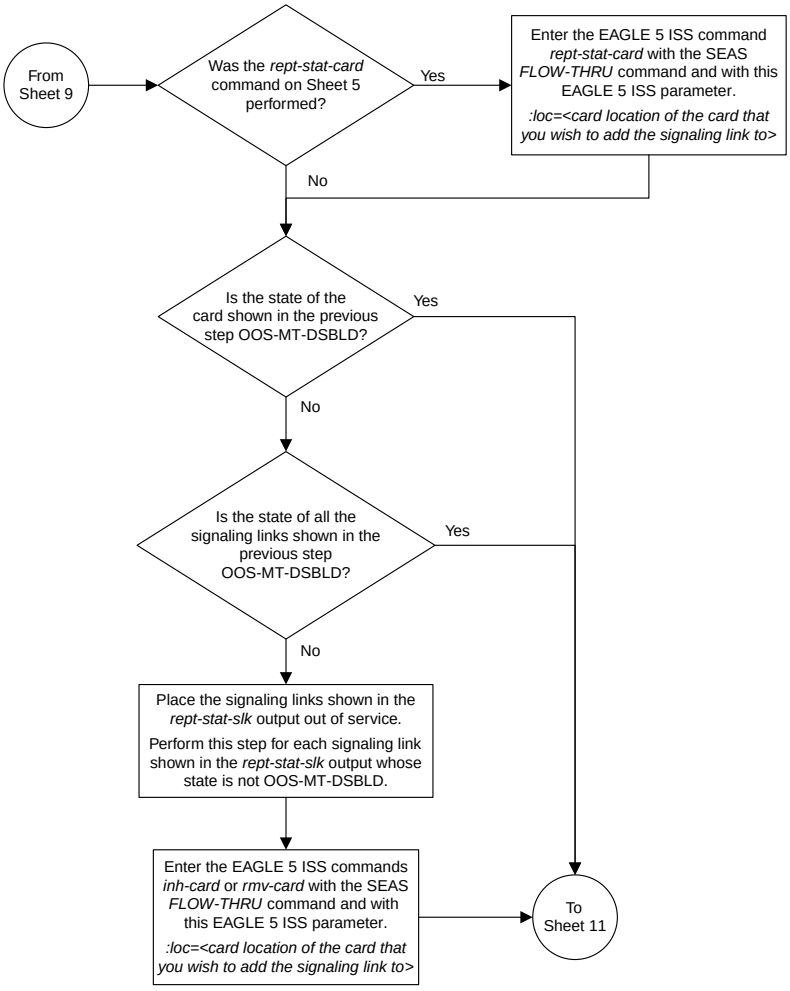
Sheet 7 of 11


From Sheet 7
Enter the EAGLE 5 ISS command *rept-stat-iptps* with the SEAS *FLOW-THRU* command.
Are any linksets shown in the *rept-stat-iptps* output?
No
Yes
Enter the EAGLE 5 ISS command *rtrv-ls* with the SEAS *FLOW-THRU* command and with this EAGLE 5 ISS parameter.
:lsn=<linkset name shown in the rept-stat-iptps output>
Repeat this step for each linkset shown in the *rept-stat-iptps* output.
Are any linksets shown with the value *yes* in the *IPGWAPC* column?
Yes
No
Change the IP TPS values of some or all the existing IPGWx linksets shown in the *rtrv-ls* output by performing the "Configuring an IPGWx Linkset" procedure in the *Database Administration Manual – IP7 Secure Gateway*.
Change the MAXSLKTPS values of the IPSG linksets (and RSVDSLKTPS values if necessary) of some or all the existing IPSG linksets shown in the *rtrv-ls* output by performing these procedures in the *Database Administration Manual – IP7 Secure Gateway* as necessary.
"Changing an IPSG M2PA Linkset"
"Changing an IPSG M3UA Linkset"
Are any linksets shown with the value *yes* in the *IPSG* column?
Yes
No
Do you wish to change the MAXSLKTPS values on any of the IPSG linksets?
Yes
No
Do you wish to perform other actions?
Yes
No
To Sheet 7
Is an ANSI ATM high-speed signaling link being added?
Yes
To Sheet 9
No
To Sheet 11

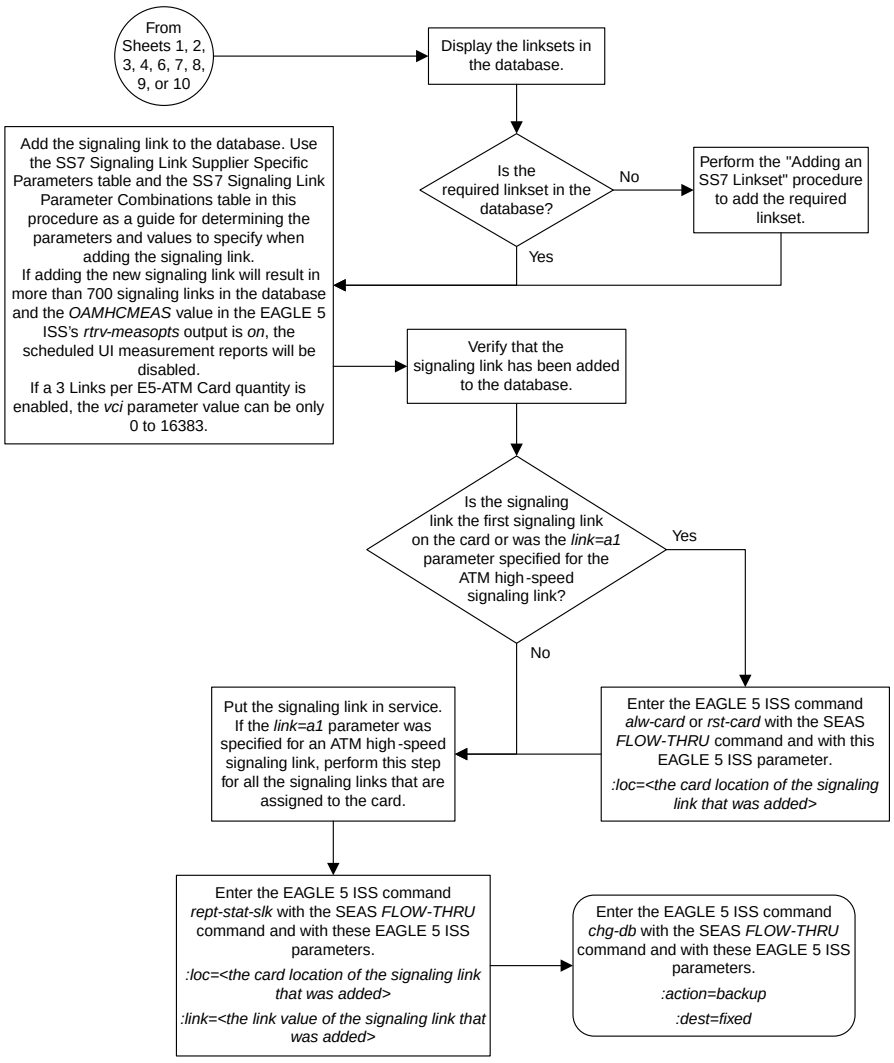
Sheet 8 of 11


From Sheets 6, 7, or 8
What will be the *LINK* value of the new ATM high-speed signaling link?
A or B
To Sheet 11
A1
Does the *rtrv-slk* output on Sheet 1 show any ATM high-speed signaling links whose *LINK* value is A1?
Yes
A 3 Links per E5-ATM Card quantity is enabled.
No
Enter the EAGLE 5 ISS command *rtrv-ctrl-feat* with the SEAS *FLOW-THRU* command.
A 3 Links per E5-ATM Card quantity must be enabled.
Enter the EAGLE 5 ISS command *rtrv-ctrl-feat* with the SEAS *FLOW-THRU* command.
Will adding the new signaling link with the *LINK* value *A1* exceed the 3 Links per E5-ATM Card quantity shown in the *rtrv-ctrl-feat* output?
No
To Sheet 10
Is a 3 Links per E5-ATM Card quantity enabled?
Yes
No
Yes
Less than 250
What is the current quantity?
250
Perform the "Changing the 3 Links per E5-ATM Card Quantity" procedure *Database Administration Manual – SS7* to enable a 3 Links per E5-ATM Card quantity.
The signaling link cannot be added. The EAGLE 5 ISS can have a maximum of 250 E5-ATMs that can have three signaling links.
To Sheet 10
Does the E5-ATM contain *LINK* values *A* and *B*?
Yes
No
To Sheet 5
To Sheet 11

Sheet 9 of 11



Sheet 10 of 11



Sheet 11 of 11

Removing an SS7 Signaling Link

This procedure is used to remove an SS7 signaling link to the database. For more information on this procedure, see the "Removing an SS7 Signaling Link" procedure in the *Database Administration Manual – SS7*. This procedure uses these EAGLE 5 ISS commands.

rtrv-slk	rtrv-ls	rtrv-ss7opts	dlt-slk	rept-stat-slk
rmv-card	rept-stat-lfs	dact-lbp	chg-db	

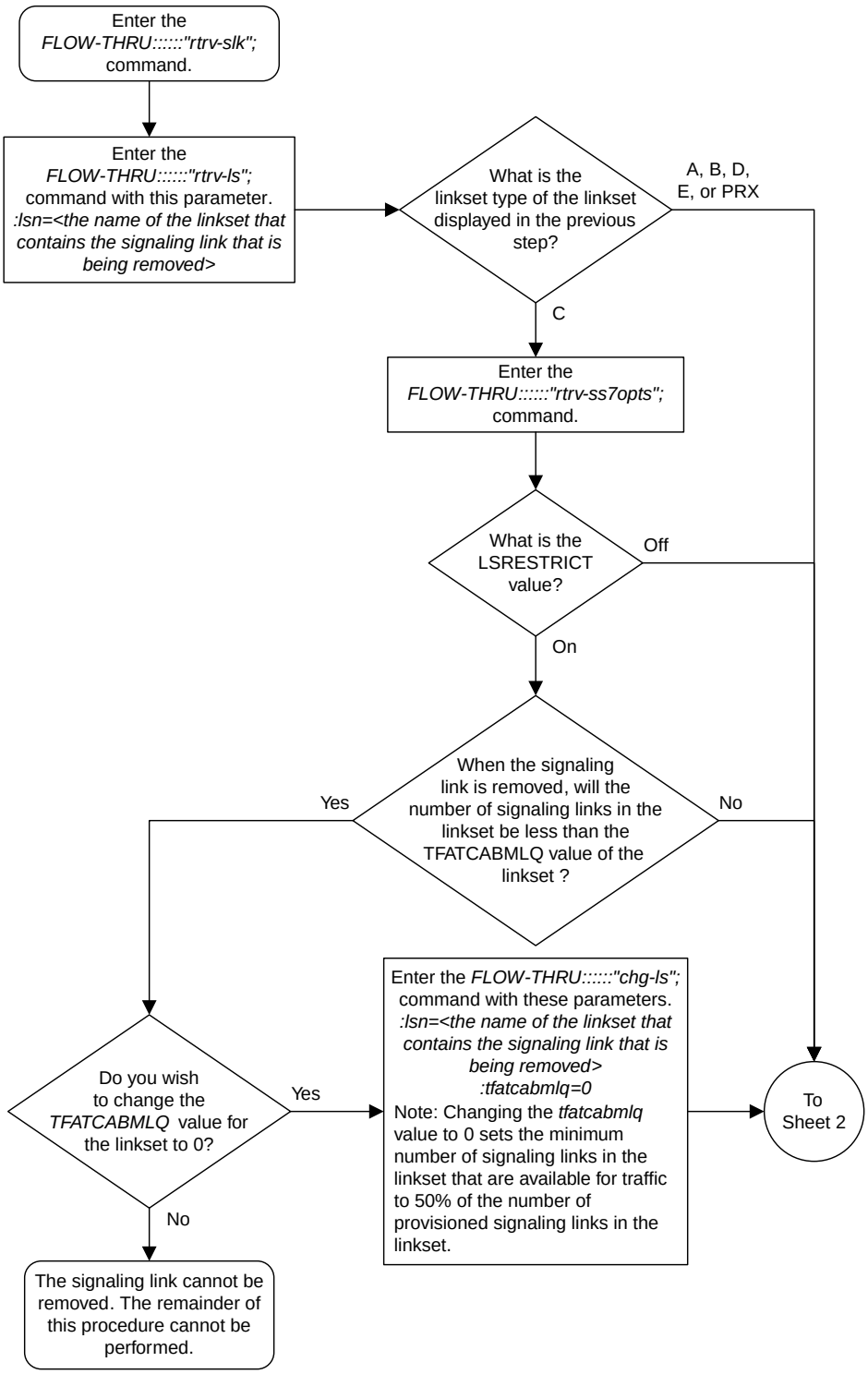
To remove a signaling link assigned to an IP card running either the `ss7ipgw`, `ipgwi`, `iplim`, or `iplimi` applications, perform one of these procedures in the *Database Administration Manual – IP7 Secure Gateway* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

- Removing an IPLIMxSignaling Link
- Removing an IPGWx Signaling Link
- Removing an IPSGM3UA Signaling Link
- Removing an IPSGM2PA Signaling Link

Canceling the REPT-STAT-SLK Command

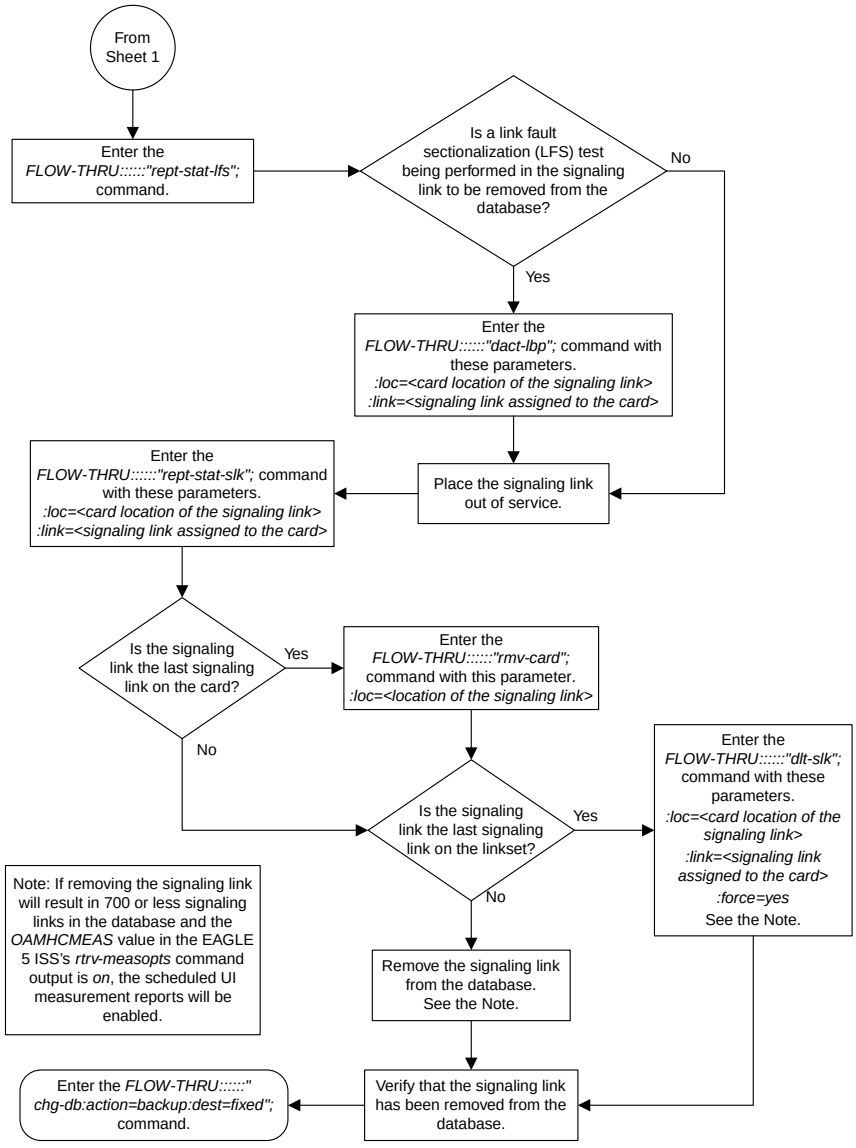
Because the EAGLE 5 ISS's `rept-stat-slk` command used in this procedure can output information for a long period of time, the `rept-stat-slk` command can be canceled and the output of the `rept-stat-slk` command stopped. To cancel the `rept-stat-slk` command, enter the EAGLE 5 ISS's `canc-cmd` without the `trm` parameter and with the SEAS `FLOW-THRU` command.

For more information about the `canc-cmd` command, go to the *Commands Manual*.


Enter the *FLOW-THRU:::::::"rtrv-slk";* command.
Enter the *FLOW-THRU:::::::"rtrv-ls";* command with this parameter. *:lsn=<the name of the linkset that contains the signaling link that is being removed>*
What is the linkset type of the linkset displayed in the previous step?
A, B, D, E, or PRX
C
Enter the *FLOW-THRU:::::::"rtrv-ss7opts";* command.
What is the LSRESTRICT value?
Off
On
When the signaling link is removed, will the number of signaling links in the linkset be less than the TFATCABMLQ value of the linkset ?
Yes
No
Do you wish to change the *TFATCABMLQ* value for the linkset to 0?
Yes
No
Enter the *FLOW-THRU:::::::"chg-ls";* command with these parameters. *:lsn=<the name of the linkset that contains the signaling link that is being removed>* *:tfatcabmlq=0*
Note: Changing the *tfatcabmlq* value to 0 sets the minimum number of signaling links in the linkset that are available for traffic to 50% of the number of provisioned signaling links in the linkset.
To Sheet 2
The signaling link cannot be removed. The remainder of this procedure cannot be performed.

Sheet 1 of 2

Figure 13: Removing an SS7 Signaling Link from the SEAS Terminal



Sheet 2 of 2

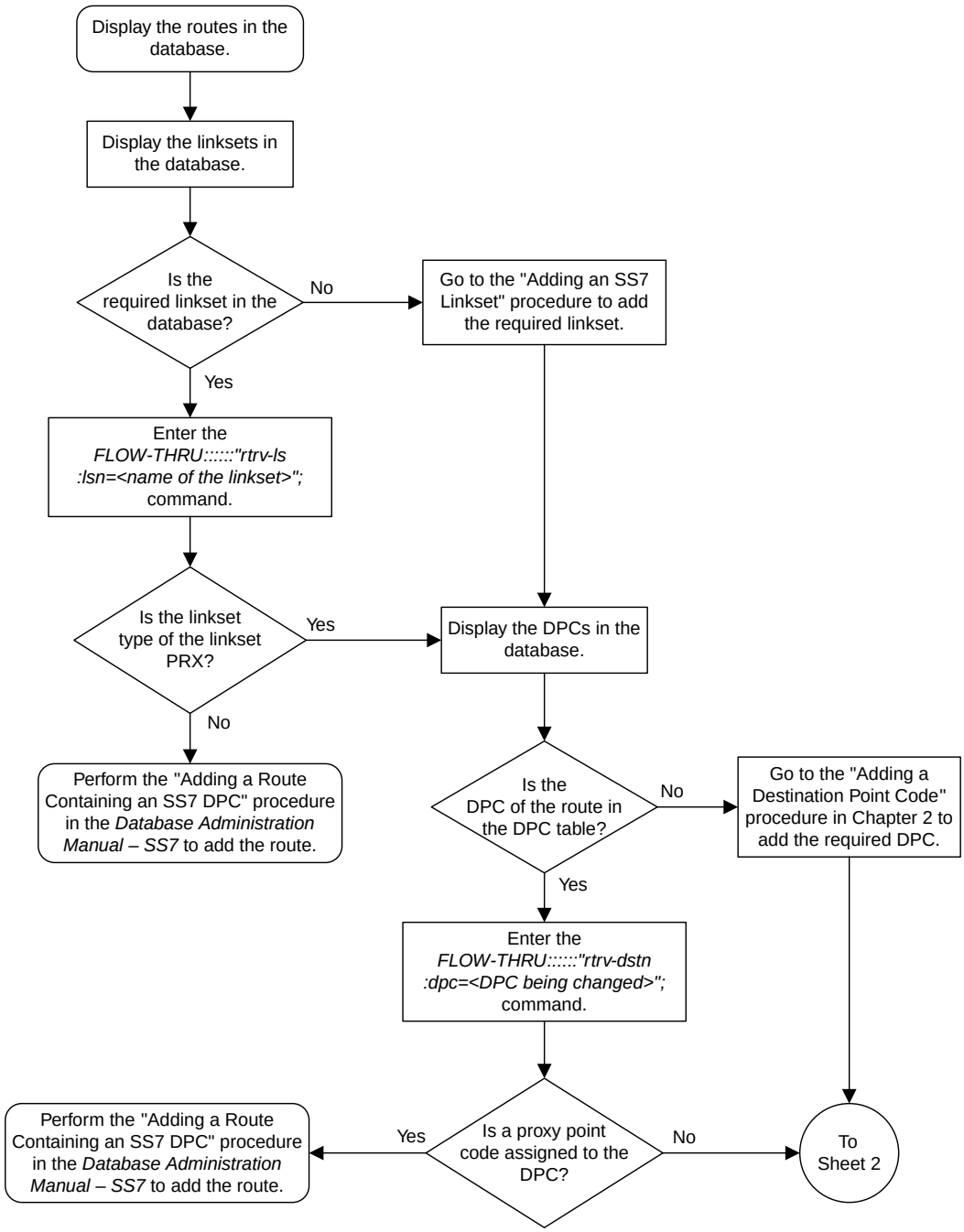
Adding a Route

This procedure is used to add a route to the database. This procedure uses the EAGLE 5 ISS commands `rept-stat-rte`, `rtrv-ls`, `rtrv-dstn`, and `chg-db`. For more information on this procedure, see either "Adding a Route Containing an SS7 DPC" or "Adding a Route Containing a Cluster Point Code" in the *Database Administration Manual – SS7*.

If you wish to use the `dpci`, `dpcn`, `dpcn24`, or `force` parameters of the EAGLE 5 ISS's `ent-rte` command, or assign the route being added to the database to an IPGWx linkset, perform the Adding a Route Containing an IPGWx Linkset procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

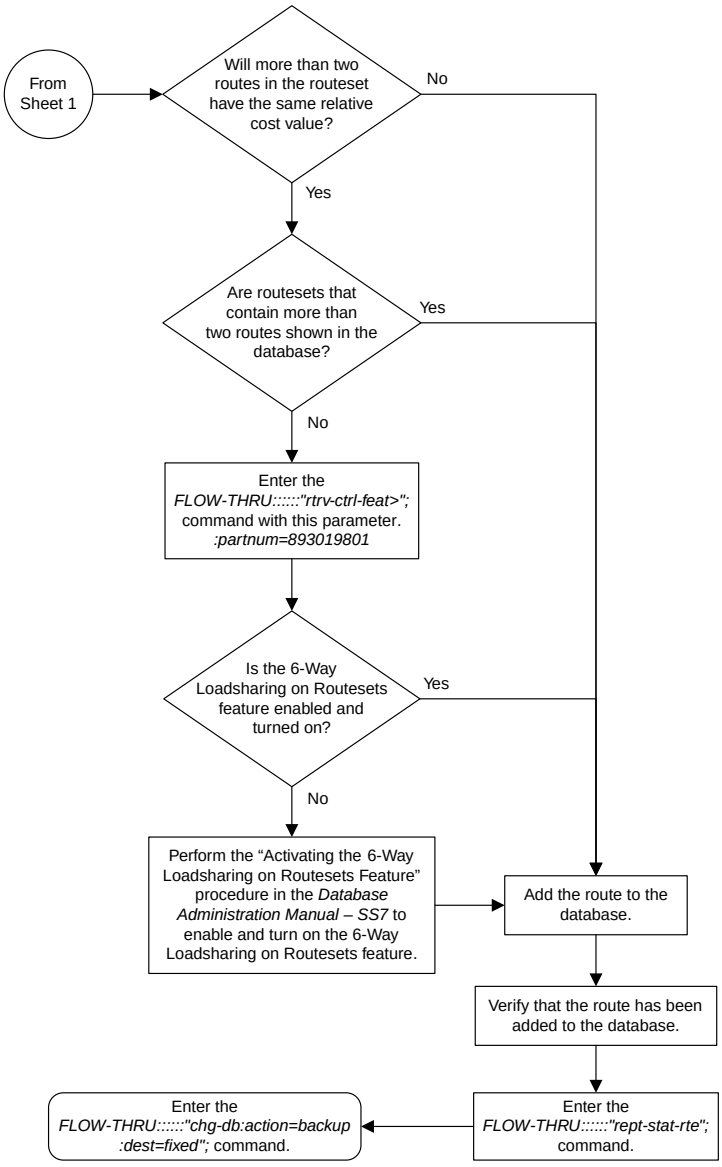
If the route will contain a proxy linkset (`LST=PRX`), or the DPC of the route will contain a proxy point code, perform the "Adding a Route Containing an SS7 DPC" procedure in the *Database Administration Manual – SS7*.

On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface. If the linkset name of the linkset specified in this procedure was configured on the EAGLE 5 ISS with more than eight characters, only the first eight characters of the linkset name can be specified in this procedure.



Sheet 1 of 2

Figure 14: Adding a Route from the SEAS Terminal



Sheet 2 of 2

Changing a Route

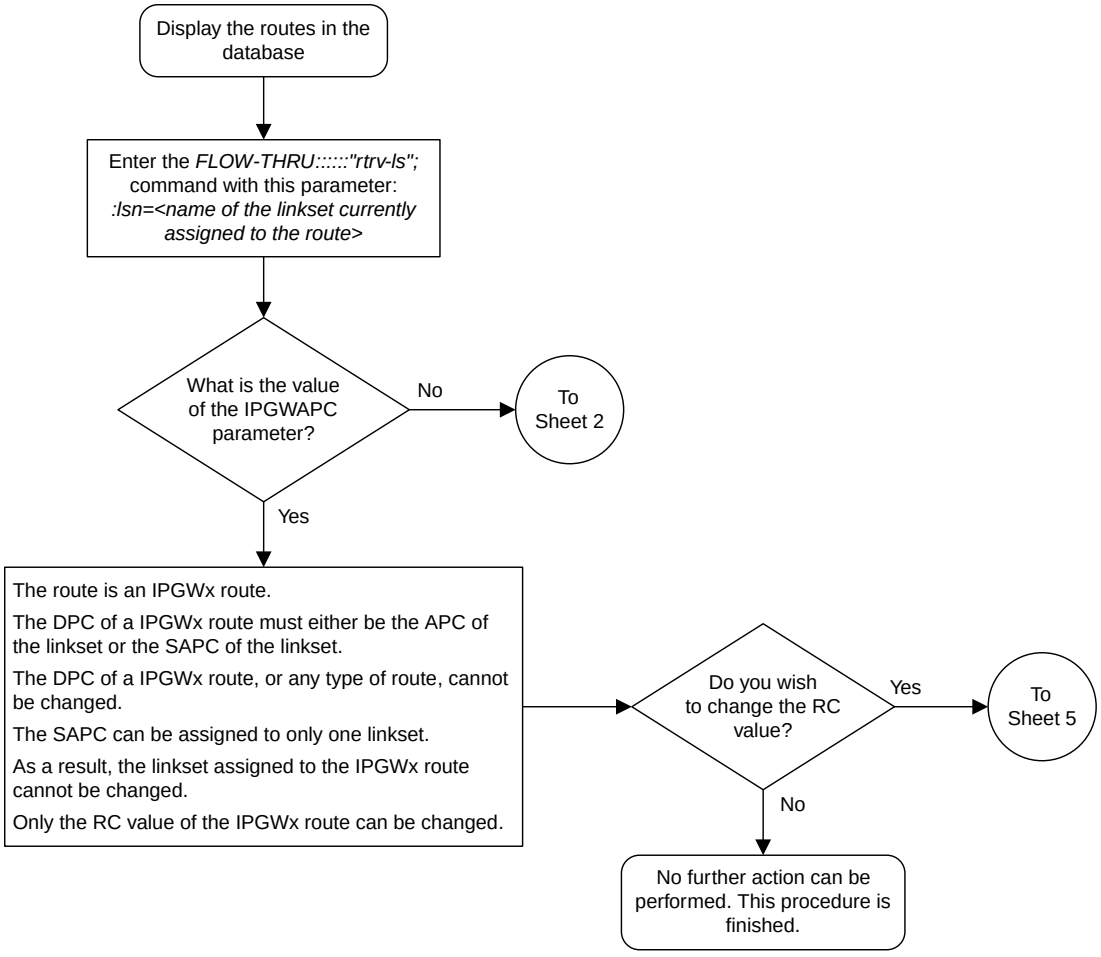
This procedure is used to change the attributes of a route in the database. This procedure uses the EAGLE 5 ISS commands `rtrv-ls`, `rtrv-dstn`, `rtrv-ctrl-feat`, and `chg-db`. For more information on this procedure, see "Changing a Route" in the *Database Administration Manual – SS7*.

This procedure is used only to change the attributes of a route assigned to a linkset containing an SS7 adjacent point code. If you wish to use the `dpci`, `dpcn`, or `dpcn24` parameters of the EAGLE 5 ISS

`chg-rte` command, perform the "Changing a Route" procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

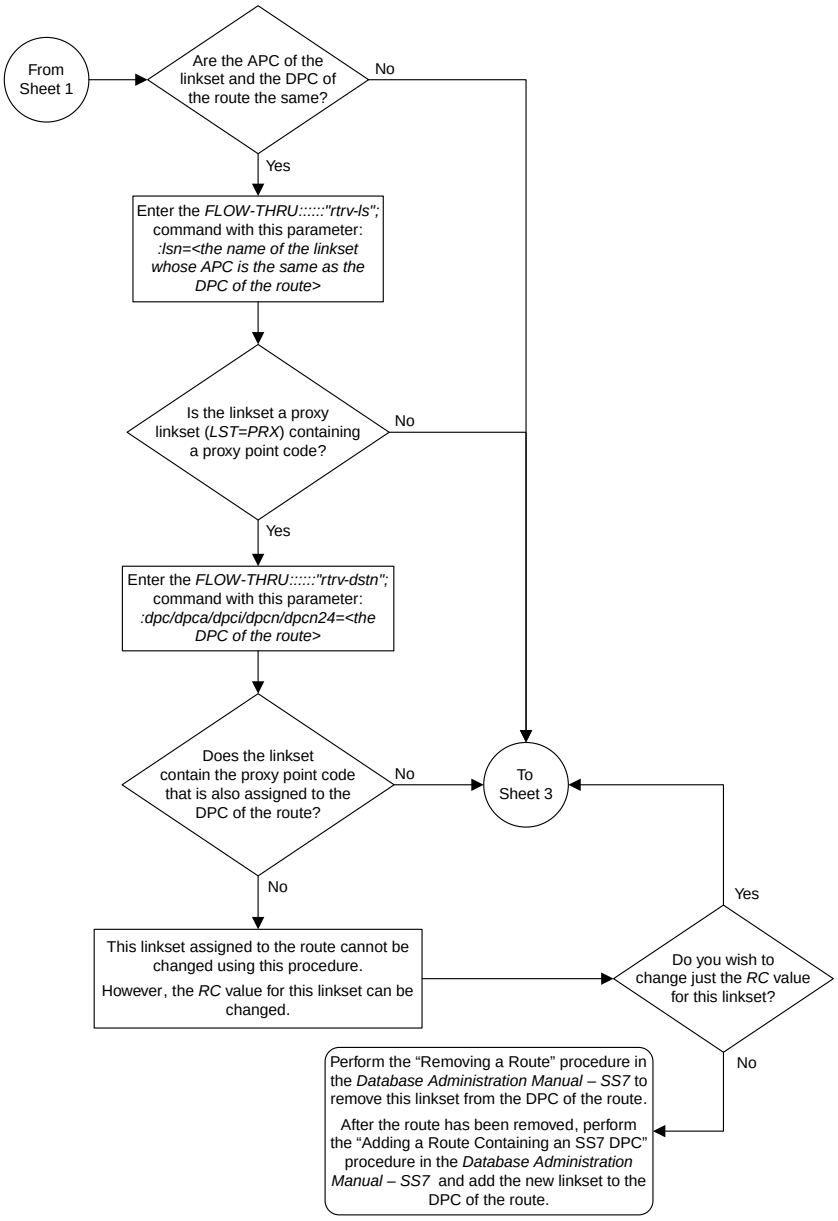
On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linksets configured through the SEAS interface will have linkset names with a maximum of eight characters. If linksets configured on the EAGLE 5 ISS have more than eight characters and are displayed on the SEAS interface, the SEAS interface truncates the linkset name to the first eight characters.

If the `ipgwapc` parameter of the linkset assigned to the route is `yes`, the route is an IPGWx route (a route that contains an IPGWx linkset). The IPGWx route can contain only one linkset. The DPC of an IPGWx route must either be the APC of the IPGWx linkset or the SAPC assigned to the IPGWx linkset. The DPC of the route cannot be changed. The SAPC can be assigned to only one linkset. As a result, the linkset assigned to the IPGWx route cannot be changed. Only the `RC` value assigned to the route can be changed.

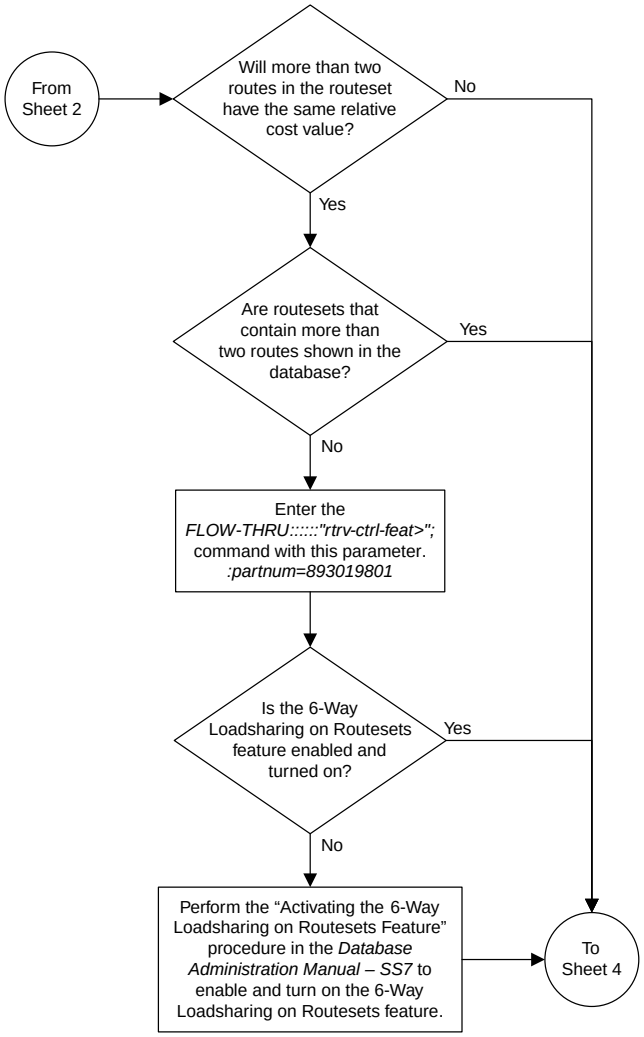


Sheet 1 of 4

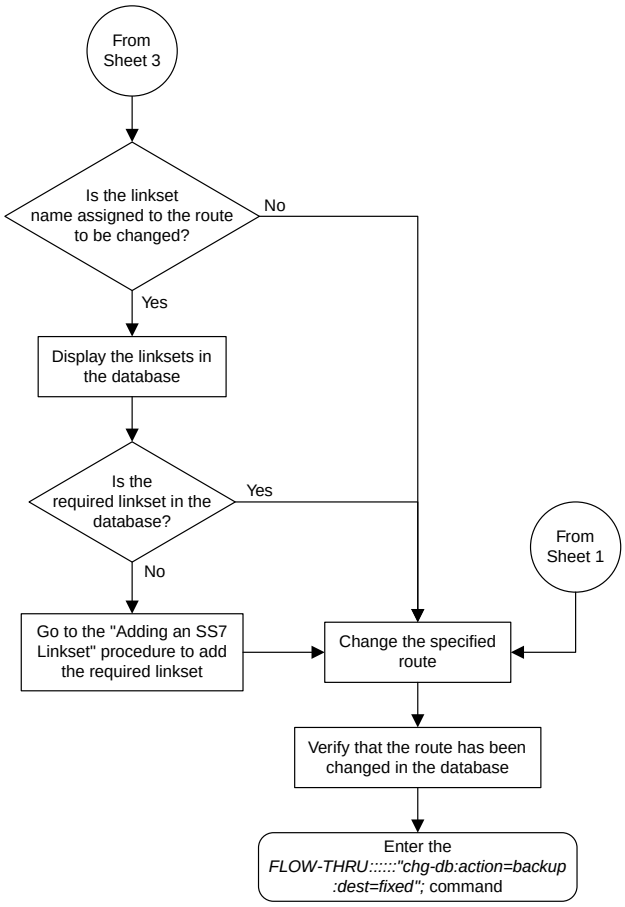
Figure 15: Changing a Route from the SEAS Terminal


From Sheet 1
Are the APC of the linkset and the DPC of the route the same?
No
Yes
Enter the FLOW-THRU::::::"rtrv-ls"; command with this parameter: :lsn=<the name of the linkset whose APC is the same as the DPC of the route>
Is the linkset a proxy linkset (LST=PRX) containing a proxy point code?
No
Yes
Enter the FLOW-THRU::::::"rtrv-dstn"; command with this parameter: :dpc/dpca/dpci/dpcn/dpcn24=<the DPC of the route>
Does the linkset contain the proxy point code that is also assigned to the DPC of the route?
No
To Sheet 3
No
Yes
This linkset assigned to the route cannot be changed using this procedure.
However, the RC value for this linkset can be changed.
Do you wish to change just the RC value for this linkset?
No
Perform the "Removing a Route" procedure in the Database Administration Manual – SS7 to remove this linkset from the DPC of the route.
After the route has been removed, perform the "Adding a Route Containing an SS7 DPC" procedure in the Database Administration Manual – SS7 and add the new linkset to the DPC of the route.

Sheet 2 of 4


From Sheet 2
Will more than two routes in the routeset have the same relative cost value?
No
Yes
Are routesets that contain more than two routes shown in the database?
Yes
No
Enter the *FLOW-THRU:::::::"rtrv-ctrl-feat>";* command with this parameter. *:partnum=893019801*
Is the 6-Way Loadsharing on Routesets feature enabled and turned on?
Yes
No
Perform the "Activating the 6-Way Loadsharing on Routesets Feature" procedure in the *Database Administration Manual – SS7* to enable and turn on the 6-Way Loadsharing on Routesets feature.
To Sheet 4

Sheet 3 of 4


From Sheet 3
Is the linkset name assigned to the route to be changed?
No
Yes
Display the linksets in the database
Is the required linkset in the database?
Yes
No
From Sheet 1
Go to the "Adding an SS7 Linkset" procedure to add the required linkset
Change the specified route
Verify that the route has been changed in the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 4

Chapter 4

Global Title Translation (GTT) Configuration

Topics:

- *Provisioning a Mated Application.....100*
- *Removing a Mated Application.....102*
- *Changing a Mated Application.....105*
- *Adding a Global Title Translation.....108*
- *Removing a Global Title Translation.....115*
- *Changing a Global Title Translation.....117*

Chapter 4, Global Title Translation (GTT) Configuration, describes the procedures used to administer global title translation data.

Provisioning a Mated Application

This procedure is used to add a dominant mated application to the database.

The only parameters that can be specified with this procedure are the primary point code, primary subsystem number, mate point code, and mate subsystem number. The EAGLE 5 ISS relative cost parameters cannot be specified in this procedure. When the mated application is added to the database with this procedure, the relative cost value for the primary point code and subsystem is defaulted to 10. The relative cost value for the mate point code and subsystem is defaulted to 50. This creates a dominant mated application with only two entries.

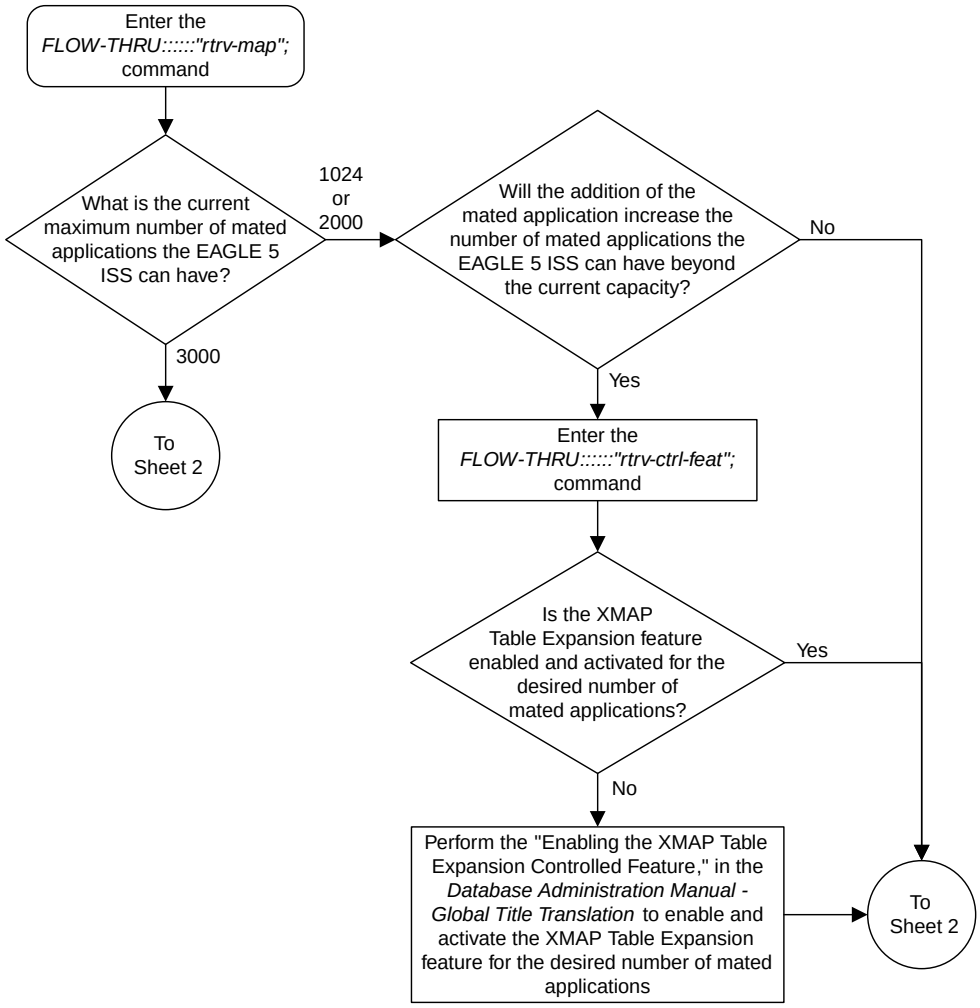
This procedure uses the EAGLE 5 ISS commands `rtrv-map`, `rtrv-ctrl-feat`, `rtrv-dstn`, and `chg-db`. For more information on provisioning mated applications, refer to one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation.

If you wish to use the `pci`, `pcn`, `pcn24`, `mpci`, `mpcn`, `mpcn24`, `srm`, `grp`, `mrc`, `rc`, `materc`, or `mapset`, `wt`, `mwt`, `thr`, `mrnset`, or `mrnpc` parameters of the EAGLE 5 ISS's `ent-map` command, the subsystem assigned to the mated application is the LNP, INP, V-Flex, ATINPQ, AIQ, or EIR subsystem, or you wish to create another type of MAP group or MAP set, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Mated application groups in the EAGLE 5 ISS database can contain up to 32 entries, the primary point code, and up to 31 mate point codes. SEAS allows the user to configure only two entries for each MAP group. To add more entries to the MAP group, up to 30, after performing this procedure, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands. The `rc` and `materc` parameters must be specified with the EAGLE 5 ISS's `chg-map` command. The maximum number of mated application entries that can be provisioned in the EAGLE 5 ISS is 1024, 2000, or 3000, depending on the quantity that is enabled.

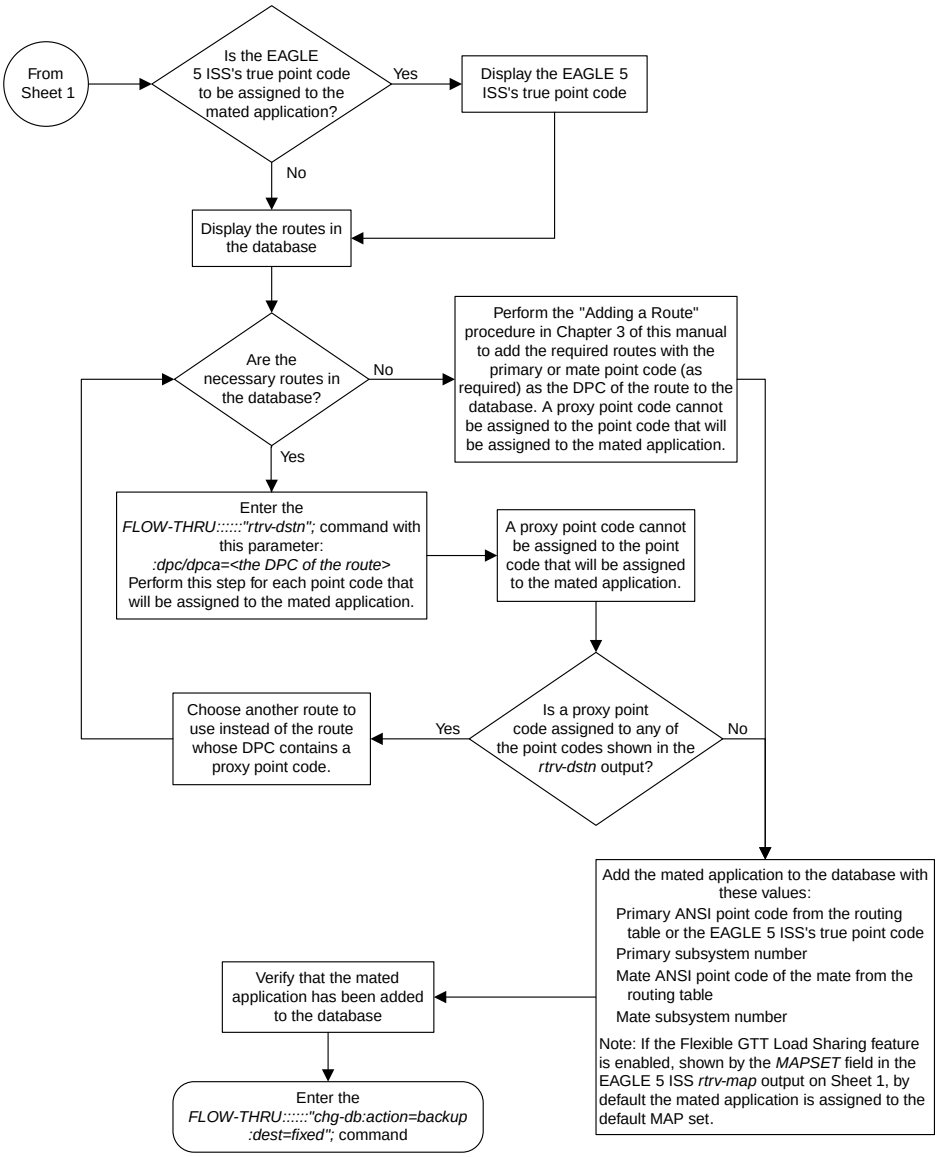
If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-map` output, by default the mated application is assigned to the default MAP set. To assign a mated application to a MAP set other than the default MAP set, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

A proxy point code cannot be assigned to any point code that will be assigned to a mated application.



Sheet 1 of 2

Figure 16: Provisioning a Mated Application



Sheet 2 of 2

Removing a Mated Application

This procedure is used to remove a mated application from the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `rtrv-ctrl-feat`, `rtrv-ss-appl`, `dlt-map`, and `chg-db`. For more information on this procedure, see "Removing a Mated Application" in the *Database Administration Manual - Global Title Translation*.

If you wish to use the `pci`, `pcn`, `pcn24`, `all`, `mapset`, or `mrnset` parameters of the EAGLE 5 ISS's `dlt-map` command, perform the "Removing a Mated Application" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, only entries in the default MAP set are displayed from the SEAS terminal. Performing this procedure removes only mated application entries in the default MAP set. To remove entries from a MAP set other than the default MAP set, perform the "Removing a Mated Application" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The output from the EAGLE 5 ISS command `rtrv-ctrl-feat` shows whether or not the Flexible GTT Load Sharing feature is enabled.

The EAGLE 5 ISS's point code and subsystem can be assigned to the mated application. If the mated application contains EAGLE 5 ISS's point code and the subsystem shown in *Table 12: Mated Application Subsystem Features*, perform the "Removing a Mated Application" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Table 12: Mated Application Subsystem Features

Feature	Feature Status	Subsystem
INP	Enabled and Turned On	INP
ANSI-41 INP Query	Enabled and Turned On	INP
EIR	Enabled and Turned On	EIR
V-FLEX	Enabled and Turned On	V-FLEX
ATINP	Enabled	ATINPQ
LNP	Enabled	LNP
ANSI41 AIQ	Enabled	AIQ

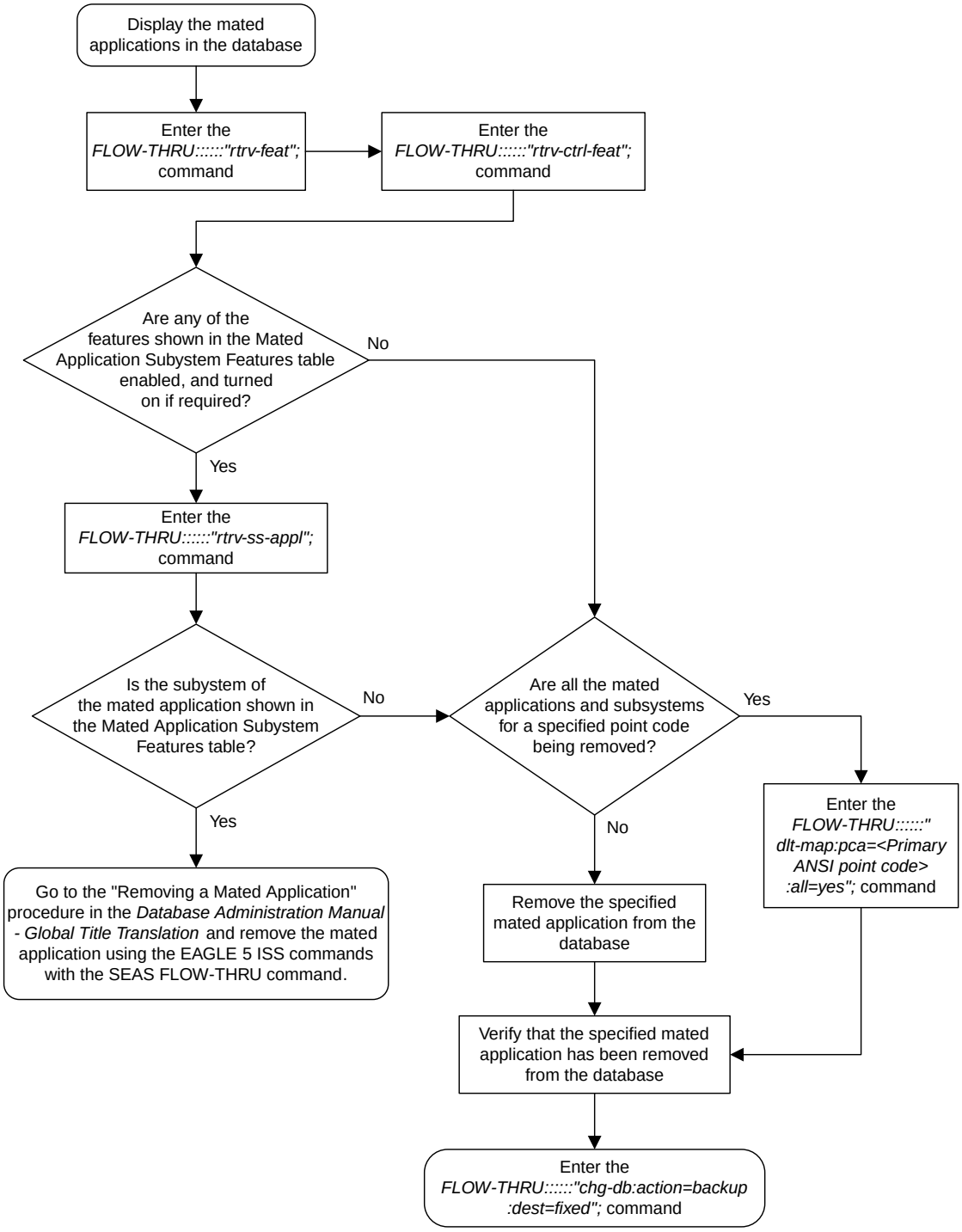


Figure 17: Removing a Mated Application

Changing a Mated Application

This procedure is used to change an existing mated application in the database. The only parameters that can be specified in this procedure are the primary point code, primary subsystem number, mate point code, and mate subsystem number. The EAGLE 5 ISS relative cost parameters cannot be specified in this procedure. When the mated application is added to the database with this procedure, the relative cost value for the primary point code and subsystem is defaulted to 10. The relative cost value for the mate point code and subsystem is defaulted to 50. This creates a dominant mated application with two entries.

If you wish to use the `pci`, `pcn`, `pcn24`, `mpci`, `mpcn`, `mpcn24`, `srm`, `grp`, `mrc`, `rc`, `materc`, `sso`, `mapset`, `eswt`, `wt`, `mwt`, `grpwt`, `thr`, `mrnset`, or `mrnpc` parameters of the EAGLE 5 ISS's `chg-map` command, or if the subsystem assigned to the mated application is the LNP, EIR, V-Flex, ATINPQ, AIQ, or INP subsystem, perform any of the procedures from the *Database Administration Manual - Global Title Translation* that are shown in *Table 13: EAGLE 5 ISS Changing a Mated Application Procedures* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Table 13: EAGLE 5 ISS Changing a Mated Application Procedures

Changing the Attributes of a Mated Application
Changing the Mated Application Type
Changing the Weight and In-Service Threshold Values of a Mated Application
Changing the MRNSET and MRN Point Code Values of MAP Entries

If you plan to change the existing MAP group to another type of MAP group, perform the Changing the Mated Application Type procedure in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The mate point code cannot be changed to the EAGLE 5 ISS's true point code.

This procedure uses the EAGLE 5 ISS commands `chg-db` and `rtrv-dstn`. For more information about changing a mated application, refer to the procedures from the *Database Administration Manual - Global Title Translation* that are shown in *Table 13: EAGLE 5 ISS Changing a Mated Application Procedures*on this procedure, see "Changing a Mated Application" in the *Database Administration Manual - Global Title Translation*.

No new entries can be added to a mated application group with this procedure. Mated application groups in the EAGLE 5 ISS database can contain up to 32 eight entries, the primary point code, and up to 31 seven mate point codes. SEAS allows the user to configure only two entries for each MAP group. To add more entries to the MAP group, up to 30 six, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands. The `rc` and `materc` parameters must be specified with the EAGLE 5 ISS's `chg-map` command. The maximum number of mated application entries that can be provisioned in the EAGLE 5 ISS is 1024, 2000, or 3000, depending on the quantity that is enabled.

If the Flexible GTT Load Sharing feature is enabled, only entries in the default MAP set are displayed from the SEAS terminal. Performing this procedure changes only mated application entries in the default MAP set. To change entries in a MAP set other than the default MAP set, perform any of the

procedures from the *Database Administration Manual - Global Title Translation* that are shown in *Table 13: EAGLE 5 ISS Changing a Mated Application Procedures* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands

The output from the EAGLE 5 ISS command `rtrv-ctrl-feat` shows whether or not the Flexible GTT Load Sharing feature is enabled.

A proxy point code cannot be assigned to any point code that will be assigned to a mated application.

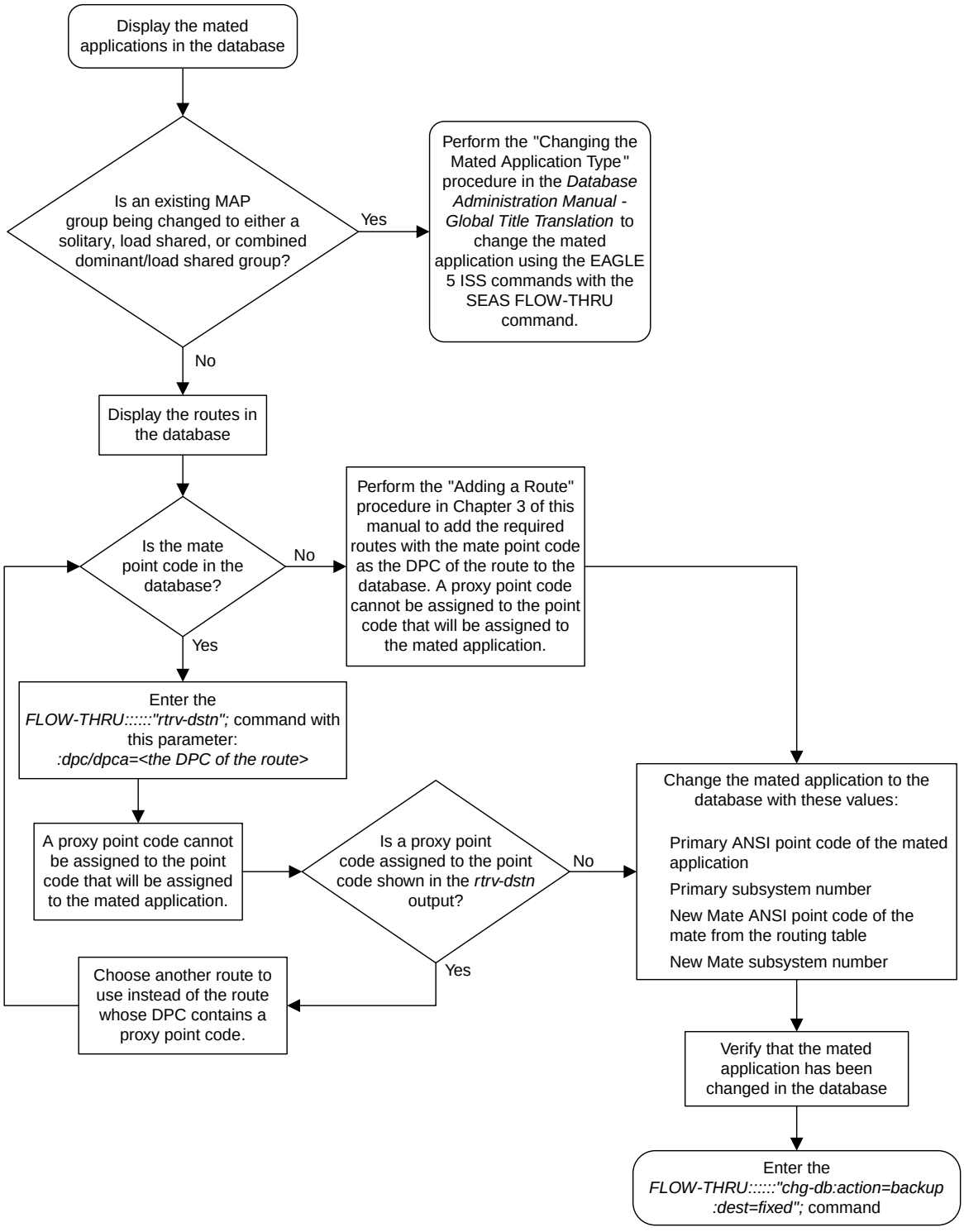


Figure 18: Changing a Mated Application

Adding a Global Title Translation

This procedure is used to add a global title translation to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-ctrl-feat`, `rtrv-feat`, `chg-feat`, `rtrv-card`, `rtrv-tt`, `rtrv-gtt`, `rtrv-dstn`, `rtrv-gttsel`, and `chg-db`. For more information on this procedure, see "Adding a Global Title Translation" in the *Database Administration Manual - Global Title Translation*.

The following parameters of the EAGLE 5 ISS's `ent-gtt` command are not supported by SEAS: `typei`, `typeis`, `typen`, `typens`, `typen24`, `pci`, `pcn`, `pcn24`, `ttn`, `xlat`, `gtmodid`, `force`, `mrnset`, `mapset`, `loopset`, or `cggtmod`.

SEAS does not support hexadecimal digits as the value of the global title address parameter. If you wish to use any of these parameters, or use hexadecimal digits as the value for the global title address parameter, perform the "Adding a Global Title Translation" procedure in the *Database Administration Manual* - Global Title Translation using the SEAS`FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MRNSET` field in the EAGLE 5 ISS`rtrv-gtt` output, and the routing indicator of the global title translation is `G` (the EAGLE 5 ISS value `GT`), by default, the global title translation is assigned to the default MRN set. To assign the global title translation to an MRN set other than the default MRN set, perform the "Adding a Global Title Translation" procedure in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS`rtrv-gtt` output, and the routing indicator of the global title translation is `D` (the EAGLE 5 ISS value `SSN`), by default, the global title translation is assigned to the default MAP set. To assign the global title translation to a MAP set other than the default MAP set, perform the "Adding a Global Title Translation" procedure in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The EAGLE 5 ISS `XLAT` parameter does not have a SEAS equivalent. When global title translations are configured at the SEAS interface, the values for the SEAS parameters `RI`, `DPC`, and `SSN`, all mandatory parameters for the SEAS `ADD-GTT` and `CHG-GTT` commands, are converted to the EAGLE 5 ISS parameters and values shown in *Table 14: SEAS and EAGLE 5 ISS Global Title Translation Parameter Conversion*.

The `RC` parameter of the SEAS `ADD-GTT` command is not supported by the EAGLE 5 ISS. While the `RC` parameter must be specified with the SEAS `ADD-GTT` command, the `RC` parameter is discarded when the SEAS`ADD-GTT` command is processed by the EAGLE 5 ISS.

A proxy point code cannot be assigned to any point code that will be assigned to a global title translation.

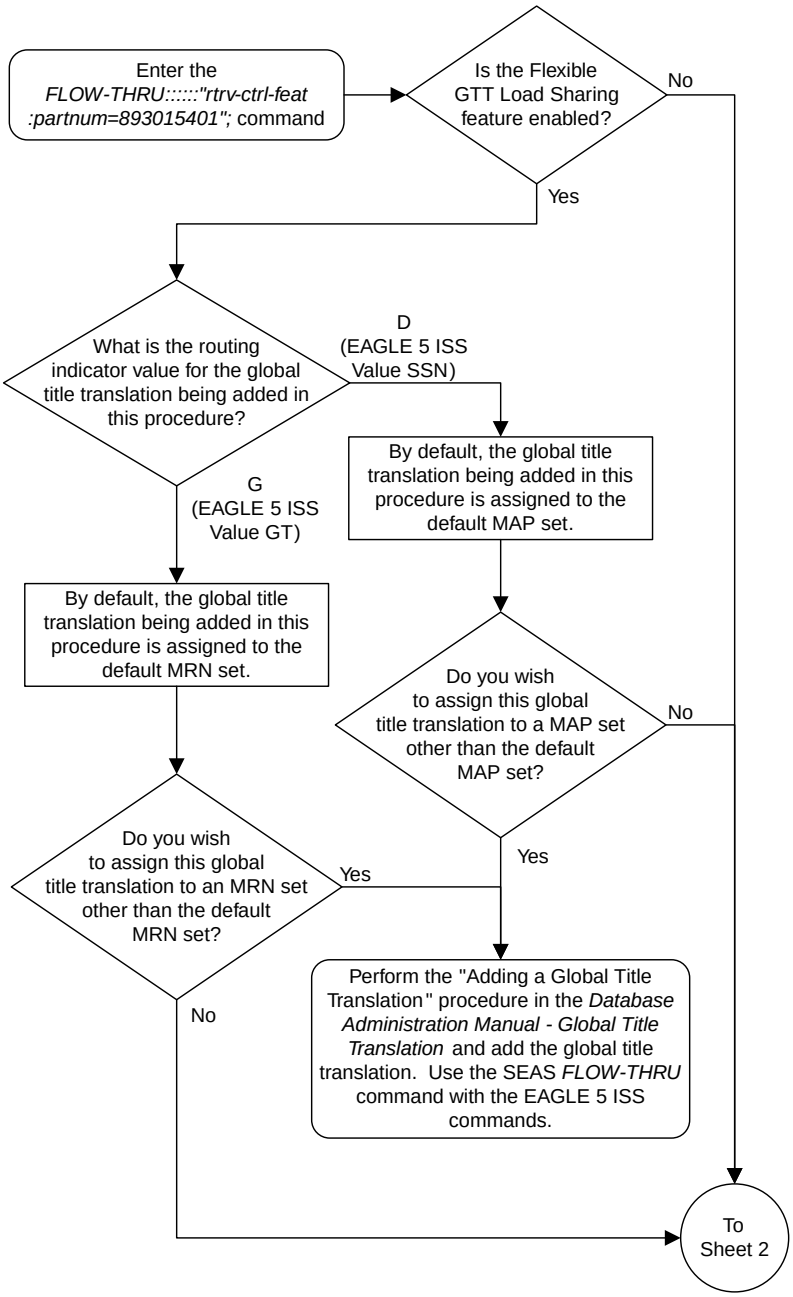
Table 14: SEAS and EAGLE 5 ISS Global Title Translation Parameter Conversion

RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE 5 ISS GTT Parameter	RI EAGLE 5 ISS GTT Parameter	PC/PCA EAGLE 5 ISS GTT Parameter	SSN EAGLE 5 ISS GTT Parameter
G	xxx-xxx-xxx	000	DPC	GT	xxx-xxx-xxx	Not Specified
D	xxx-xxx-xxx	002-255	DPCSSN	SSN	xxx-xxx-xxx	002-255
G	xxx-xxx-xxx	002-255	DPCSSN	GT	xxx-xxx-xxx	002-255
D	xxx-xxx-xxx	000	DPC	SSN	xxx-xxx-xxx	Not Specified*

* The MSU being translated already contains the subsystem number. The DPC is translated and replaced, and the existing subsystem number in the MSU is unchanged and routed based on the new DPC and the existing subsystem number.

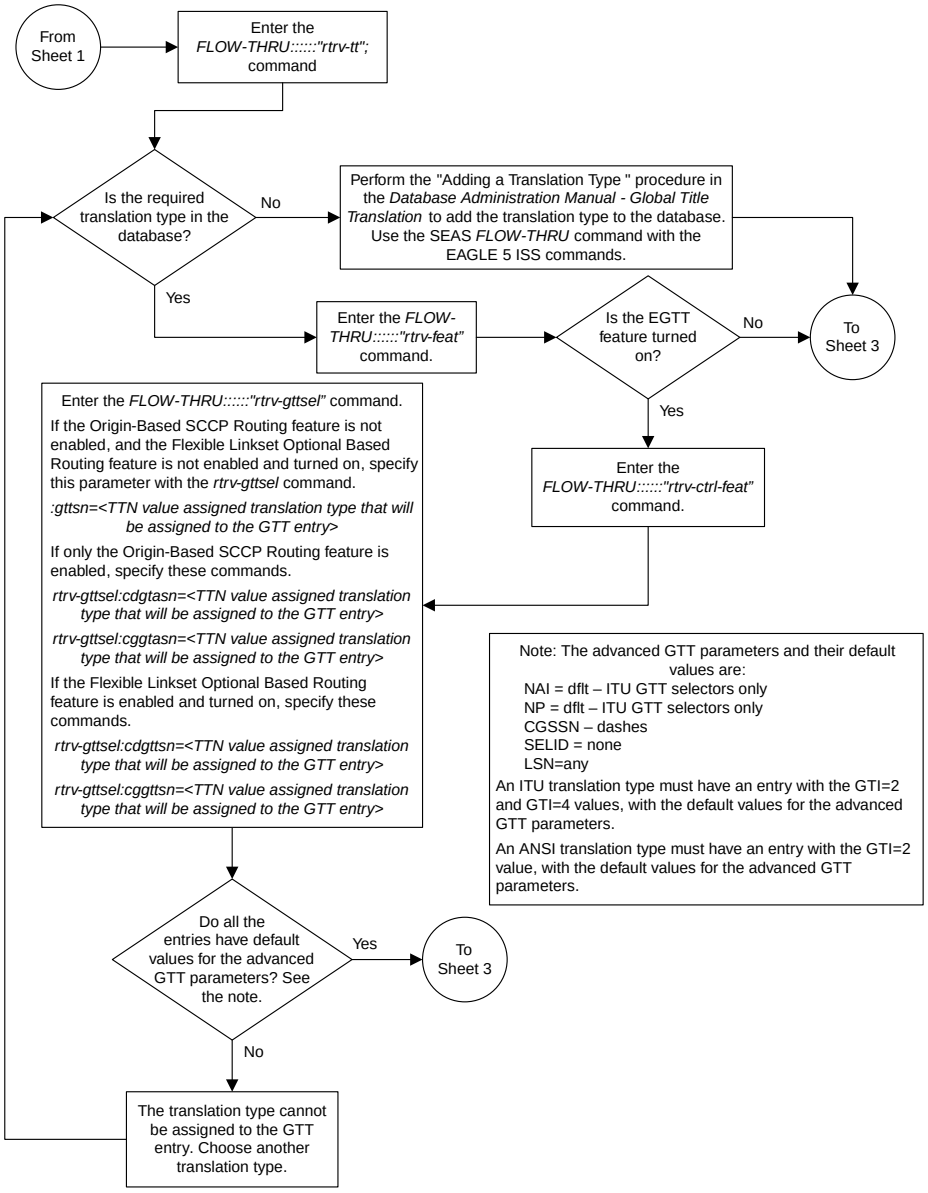
General Notes:

- The SEAS`RI=G` parameter denotes global title routing, further global title translation is required.
- The SEAS`RI=D` parameter denotes DPC routing, no further global title translation is required.
- The EAGLE 5 ISS`RI=GT` parameter denotes further global title translation is required and uses MTP routing.
- The EAGLE 5 ISS`RI=SSN` parameter denotes final global title translation and uses MAP routing.
- The EAGLE 5 ISS`XLAT=DPC` parameter indicates that the DPC & RI values in the MSU are to be replaced.
- The EAGLE 5 ISS`XLAT=DPCSSN` parameter indicates that the DPC, RI, & SSN values in the MSU are to be replaced.
- The EAGLE 5 ISS`XLAT=DPCNGT` parameter indicates that the DPC, RI, & TT values in the MSU are to be replaced.

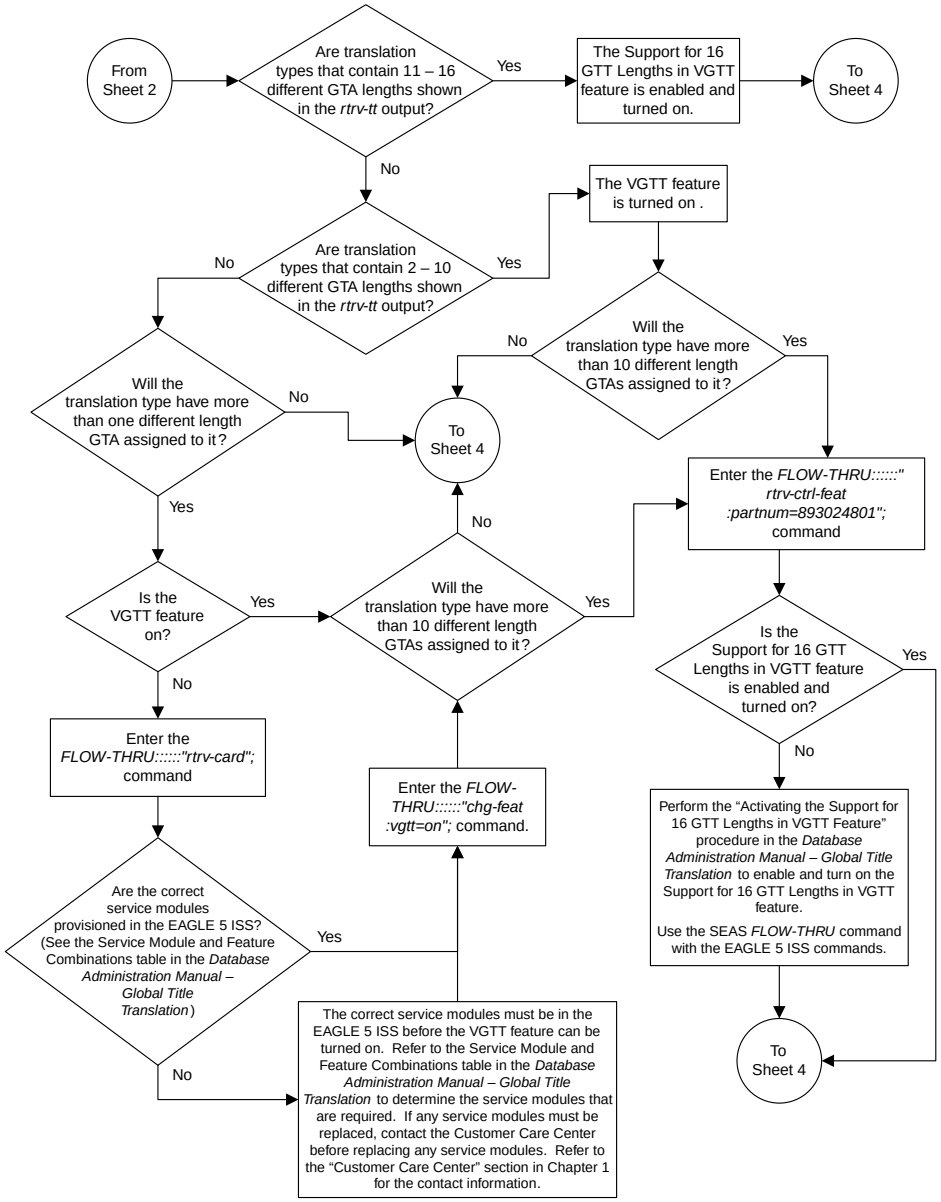


Sheet 1 of 6

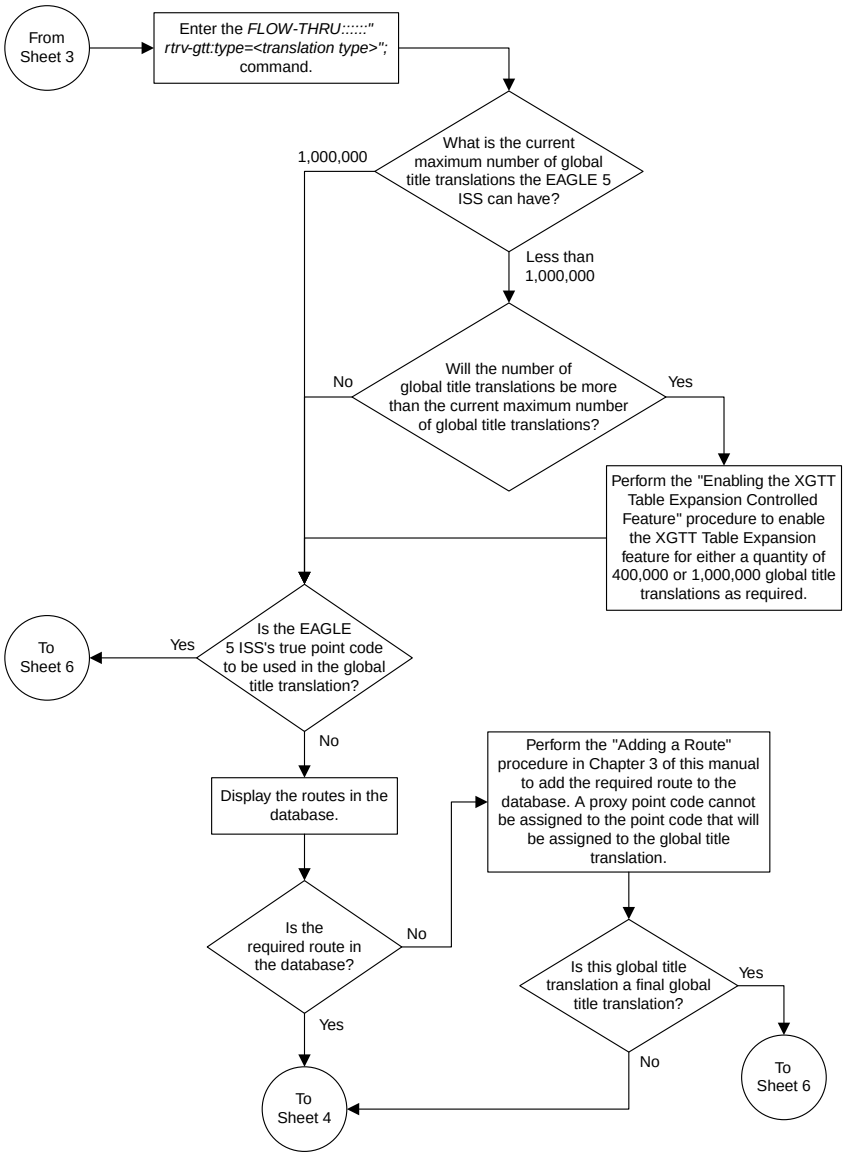
Figure 19: Adding a Global Title Translation


From Sheet 1
Enter the FLOW-THRU::::::"rtrv-tt"; command
Is the required translation type in the database?
No
Perform the "Adding a Translation Type " procedure in the Database Administration Manual - Global Title Translation to add the translation type to the database. Use the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.
Yes
Enter the FLOW-THRU::::::"rtrv-feat" command.
Is the EGTT feature turned on?
No
To Sheet 3
Yes
Enter the FLOW-THRU::::::"rtrv-ctrl-feat" command.
Enter the FLOW-THRU::::::"rtrv-gttsel" command.
If the Origin-Based SCCP Routing feature is not enabled, and the Flexible Linkset Optional Based Routing feature is not enabled and turned on, specify this parameter with the rtrv-gttsel command.
:gttsn=<TTN value assigned translation type that will be assigned to the GTT entry>
If only the Origin-Based SCCP Routing feature is enabled, specify these commands.
rtrv-gttsel:cdgtasn=<TTN value assigned translation type that will be assigned to the GTT entry>
rtrv-gttsel:cggtasn=<TTN value assigned translation type that will be assigned to the GTT entry>
If the Flexible Linkset Optional Based Routing feature is enabled and turned on, specify these commands.
rtrv-gttsel:cdgttsn=<TTN value assigned translation type that will be assigned to the GTT entry>
rtrv-gttsel:cggttsn=<TTN value assigned translation type that will be assigned to the GTT entry>
Note: The advanced GTT parameters and their default values are:
NAI = dflt – ITU GTT selectors only
NP = dflt – ITU GTT selectors only
CGSSN – dashes
SELID = none
LSN=any
An ITU translation type must have an entry with the GTI=2 and GTI=4 values, with the default values for the advanced GTT parameters.
An ANSI translation type must have an entry with the GTI=2 value, with the default values for the advanced GTT parameters.
Do all the entries have default values for the advanced GTT parameters? See the note.
Yes
To Sheet 3
No
The translation type cannot be assigned to the GTT entry. Choose another translation type.

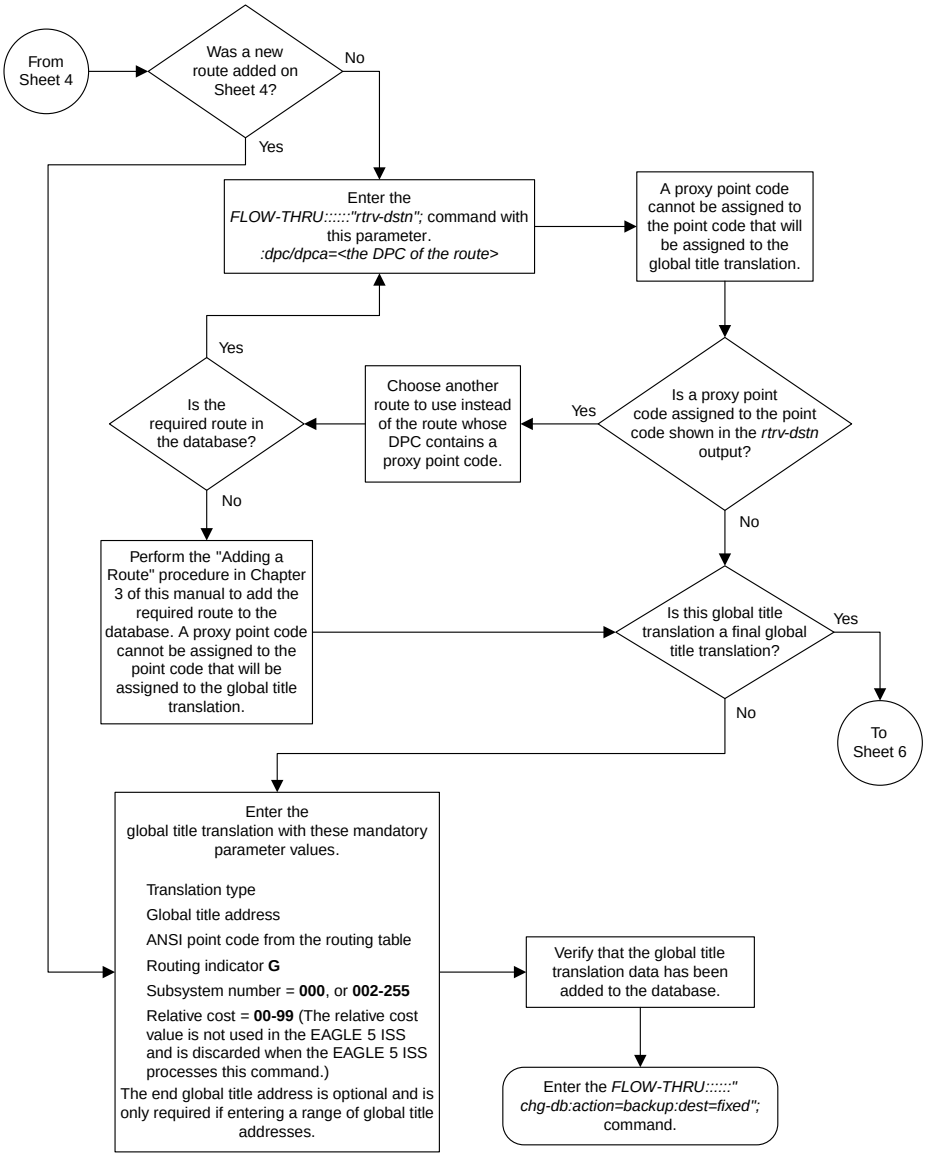
Sheet 2 of 6


From Sheet 2
Are translation types that contain 11 – 16 different GTA lengths shown in the *rtrv-tt* output?
Yes
The Support for 16 GTT Lengths in VGTT feature is enabled and turned on.
To Sheet 4
No
The VGTT feature is turned on .
Are translation types that contain 2 – 10 different GTA lengths shown in the *rtrv-tt* output?
No
Yes
Will the translation type have more than 10 different length GTAs assigned to it?
No
Yes
Will the translation type have more than one different length GTA assigned to it?
No
To Sheet 4
Yes
No
Enter the *FLOW-THRU:::::" rtrv-ctrl-feat :partnum=893024801";* command
Is the VGTT feature on?
Yes
Will the translation type have more than 10 different length GTAs assigned to it?
Yes
Is the Support for 16 GTT Lengths in VGTT feature is enabled and turned on?
Yes
No
Enter the *FLOW-THRU:::::"rtrv-card";* command
Enter the *FLOW-THRU:::::"chg-feat :vgtt=on";* command.
Perform the "Activating the Support for 16 GTT Lengths in VGTT Feature" procedure in the *Database Administration Manual – Global Title Translation* to enable and turn on the Support for 16 GTT Lengths in VGTT feature.
Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.
Are the correct service modules provisioned in the EAGLE 5 ISS? (See the Service Module and Feature Combinations table in the *Database Administration Manual – Global Title Translation*)
Yes
No
The correct service modules must be in the EAGLE 5 ISS before the VGTT feature can be turned on. Refer to the Service Module and Feature Combinations table in the *Database Administration Manual – Global Title Translation* to determine the service modules that are required. If any service modules must be replaced, contact the Customer Care Center before replacing any service modules. Refer to the "Customer Care Center" section in Chapter 1 for the contact information.
To Sheet 4

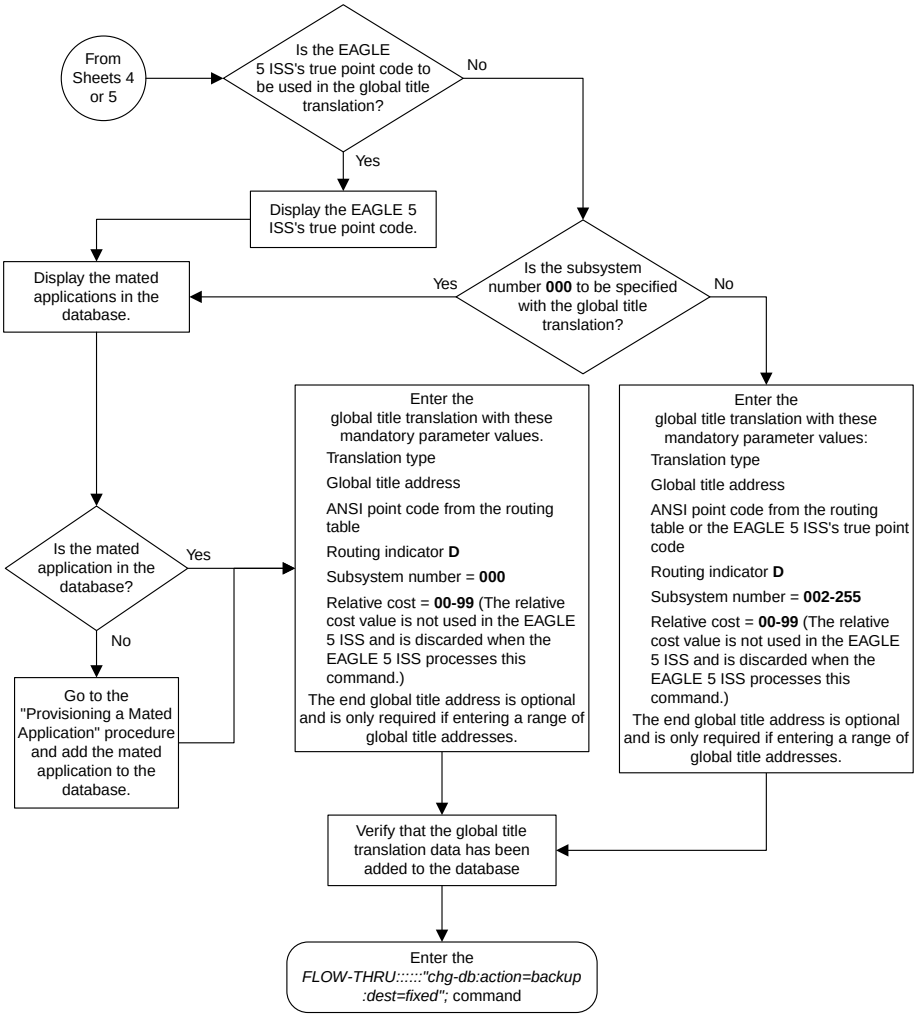
Sheet 3 of 6


From Sheet 3
Enter the FLOW-THRU::::::" rtrv-gtt:type=<translation type>"; command.
What is the current maximum number of global title translations the EAGLE 5 ISS can have?
1,000,000
Less than 1,000,000
Will the number of global title translations be more than the current maximum number of global title translations?
No
Yes
Perform the "Enabling the XGTT Table Expansion Controlled Feature" procedure to enable the XGTT Table Expansion feature for either a quantity of 400,000 or 1,000,000 global title translations as required.
Is the EAGLE 5 ISS's true point code to be used in the global title translation?
Yes
To Sheet 6
No
Display the routes in the database.
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is the required route in the database?
No
Yes
Is this global title translation a final global title translation?
Yes
No
To Sheet 6
To Sheet 4

Sheet 4 of 6


From Sheet 4
Was a new route added on Sheet 4?
No
Yes
Enter the FLOW-THRU::::::"rtrv-dstn"; command with this parameter. :dpc/dpca=<the DPC of the route>
A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Yes
Is the required route in the database?
Choose another route to use instead of the route whose DPC contains a proxy point code.
Yes
Is a proxy point code assigned to the point code shown in the rtrv-dstn output?
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is this global title translation a final global title translation?
Yes
To Sheet 6
No
Enter the global title translation with these mandatory parameter values.
Translation type
Global title address
ANSI point code from the routing table
Routing indicator G
Subsystem number = 000, or 002-255
Relative cost = 00-99 (The relative cost value is not used in the EAGLE 5 ISS and is discarded when the EAGLE 5 ISS processes this command.)
The end global title address is optional and is only required if entering a range of global title addresses.
Verify that the global title translation data has been added to the database.
Enter the FLOW-THRU::::::" chg-db:action=backup:dest=fixed"; command.

Sheet 5 of 6



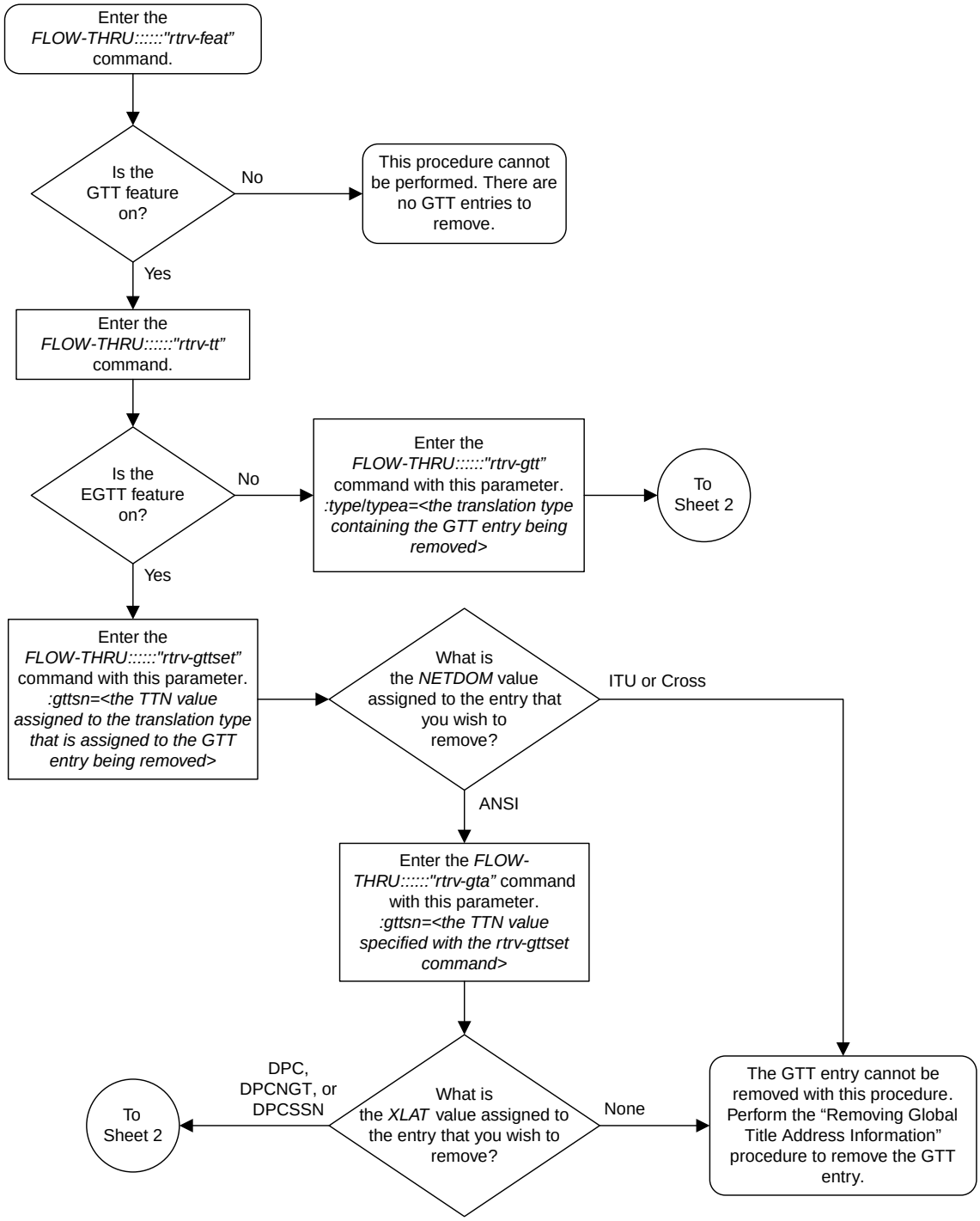
Sheet 6 of 6

Removing a Global Title Translation

This procedure is used to remove a global title translation from the database. This procedure uses the EAGLE 5 ISS commands `rtrv-tt`, `rtrv-gtt`, `rtrv-feat`, `rtrv-gttset`, `rtrv-gta`, `rtrv-gttapath`, and `chg-db`. For more information on this procedure, see "Removing a Global Title Translation" in the *Database Administration Manual - Global Title Translation*.

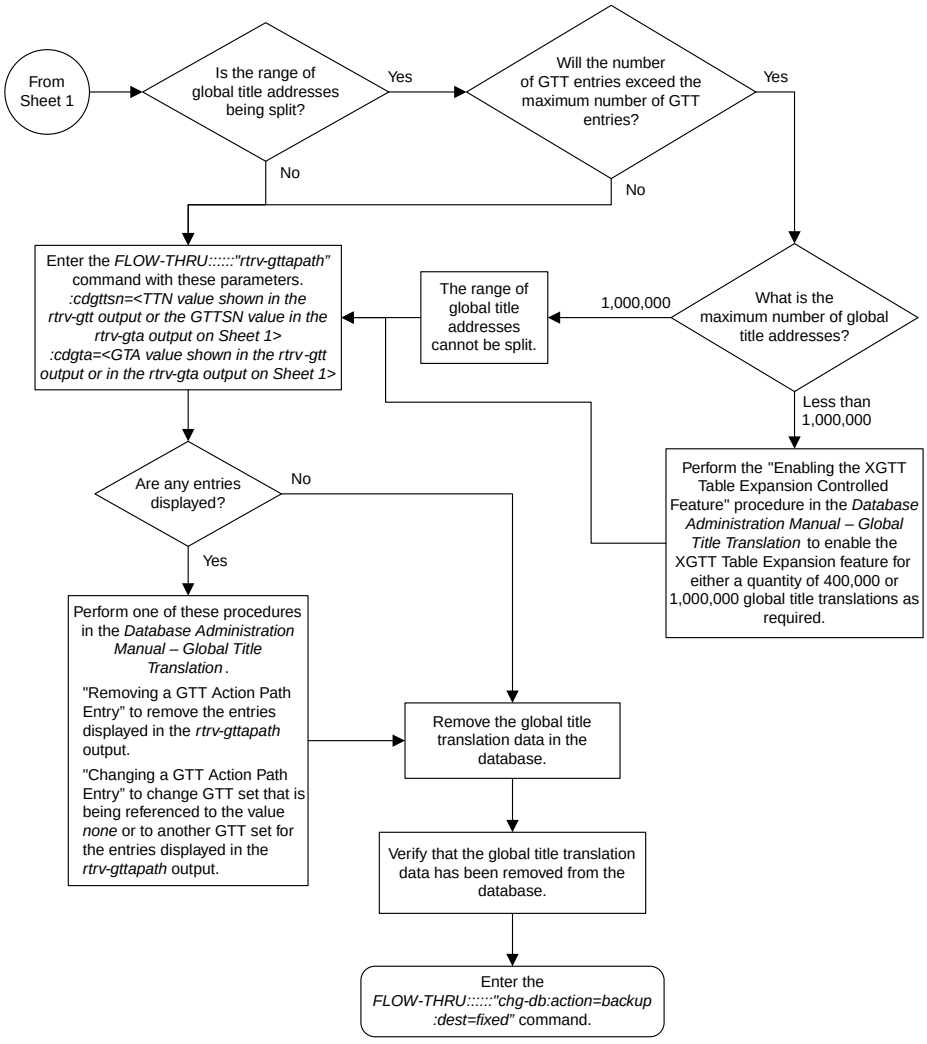
If you wish to use the `typei`, `typeis`, `typen`, `typens`, `typen24`, or `ttn` parameter of the EAGLE 5 ISS's `dlt-gtt` command, perform the "Removing a Global Title Translation" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The DPC and SSN parameters of the SEAS DLT-GTT command are not supported by the EAGLE 5 ISS. While these parameters must be specified with the SEAS DLT-GTT command, these parameters are discarded when the SEAS DLT-GTT command is processed by the EAGLE 5 ISS.



Sheet 1 of 2

Figure 20: Removing a Global Title Translation from the SEAS Terminal



Sheet 2 of 2

Changing a Global Title Translation

This procedure is used to change an existing global title translation in the database. This procedure uses the EAGLE 5 ISS commands `rtrv-gtt`, `rtrv-mrn`, `rtrv-map`, `rtrv-tt`, `rtrv-dstn`, `rtrv-feat`, `rtrv-ctrl-feat`, `rtrv-gttsel`, and `chg-db`. For more information on this procedure, see "Changing a Global Title Translation" in the *Database Administration Manual - Global Title Translation*.

The following parameters of the EAGLE 5 ISS's `chg-gtt` command are not supported by SEAS: `typei`, `typeis`, `typen`, `typens`, `typen24`, `pci`, `pcn`, `pcn24`, `ttn`, `xlat`, `gtmodid`, `force`, `mrnset`, `mapset`, `split`, `loopset`, or `cggtmod`. SEAS does not support hexadecimal digits as the value of the global title address parameter. If you wish to use any of these parameters or use hexadecimal digits as the value for the global title address parameter, perform the "Changing a Global Title Translation" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MRNSET` field in the EAGLE 5 ISS `rtrv-gtt` output, and the routing indicator of the global title translation is `G` (the EAGLE 5 ISS value `GT`), the global title translation can be changed in this procedure only if the global title translation is assigned to the default MRN set. All the attributes of the global title translation can be changed except for the following:

- The MRNSET value cannot be changed.
- The routing indicator value cannot be changed.
- If the point code is changed, the new point code must be assigned to the default MRN set.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-gtt` output, and the routing indicator of the global title translation is `D` (the EAGLE 5 ISS value `SSN`), the global title translation can be changed in this procedure only if the global title translation is assigned to the default MAP set. All the attributes of the global title translation can be changed except for the following:

- The MAPSET value cannot be changed.
- The routing indicator value cannot be changed.
- If the point code is changed, the new point code must be assigned to the default MAP set.

The EAGLE 5 ISS `XLAT` parameter does not have a SEAS equivalent. When global title translations are configured at the SEAS interface, the values for the SEAS parameters `RI`, `DPC`, and `SSN`, all mandatory parameters for the SEAS `ADD-GTT` and `CHG-GTT` commands, are converted to the EAGLE 5 ISS parameters and values shown in *Table 15: SEAS and EAGLE 5 ISS Global Title Translation Parameter Conversion*.

A proxy point code cannot be assigned to any point code that will be assigned to a global title translation.

Table 15: SEAS and EAGLE 5 ISS Global Title Translation Parameter Conversion

RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE GTT Parameter	RI EAGLE GTT Parameter	PC/PCA EAGLE GTT Parameter	SSN EAGLE GTT Parameter
G	xxx-xxx-xxx	000	DPC	GT	xxx-xxx-xxx	Not Specified
D	xxx-xxx-xxx	002-255	DPCSSN	SSN	xxx-xxx-xxx	002-255
G	xxx-xxx-xxx	002-255	DPCSSN	GT	xxx-xxx-xxx	002-255
D	xxx-xxx-xxx	000	DPC	SSN	xxx-xxx-xxx	Not Specified*

RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE GTT Parameter	RI EAGLE GTT Parameter	PC/PCA EAGLE GTT Parameter	SSN EAGLE GTT Parameter
* The MSU being translated already contains the subsystem number. The DPC is translated and replaced, and the existing subsystem number in the MSU is unchanged and routed based on the new DPC and the existing subsystem number. General Notes: • The SEAS `RI=G` parameter denotes global title routing, further global title translation is required. • The SEAS `RI=D` parameter denotes DPC routing, no further global title translation is required. • The EAGLE 5 ISS `RI=GT` parameter denotes further global title translation is required and uses MTP routing. • The EAGLE 5 ISS `RI=SSN` parameter denotes final global title translation and uses MAP routing. • The EAGLE 5 ISS `XLAT=DPC` parameter indicates that the DPC & RI values in the MSU are to be replaced. • The EAGLE 5 ISS `XLAT=DPCSSN` parameter indicates that the DPC, RI, & SSN values in the MSU are to be replaced. • The EAGLE 5 ISS `XLAT=DPCNGT` parameter indicates that the DPC, RI, & TT values in the MSU are to be replaced.						

The DPC, SSN and `NRC` parameters of the SEAS `CHG-GTT` command are not supported by the EAGLE 5 ISS. While these parameters must be specified with the SEAS `CHG-GTT` command, these parameters are discarded when the SEAS `CHG-GTT` command is processed by the EAGLE 5 ISS.

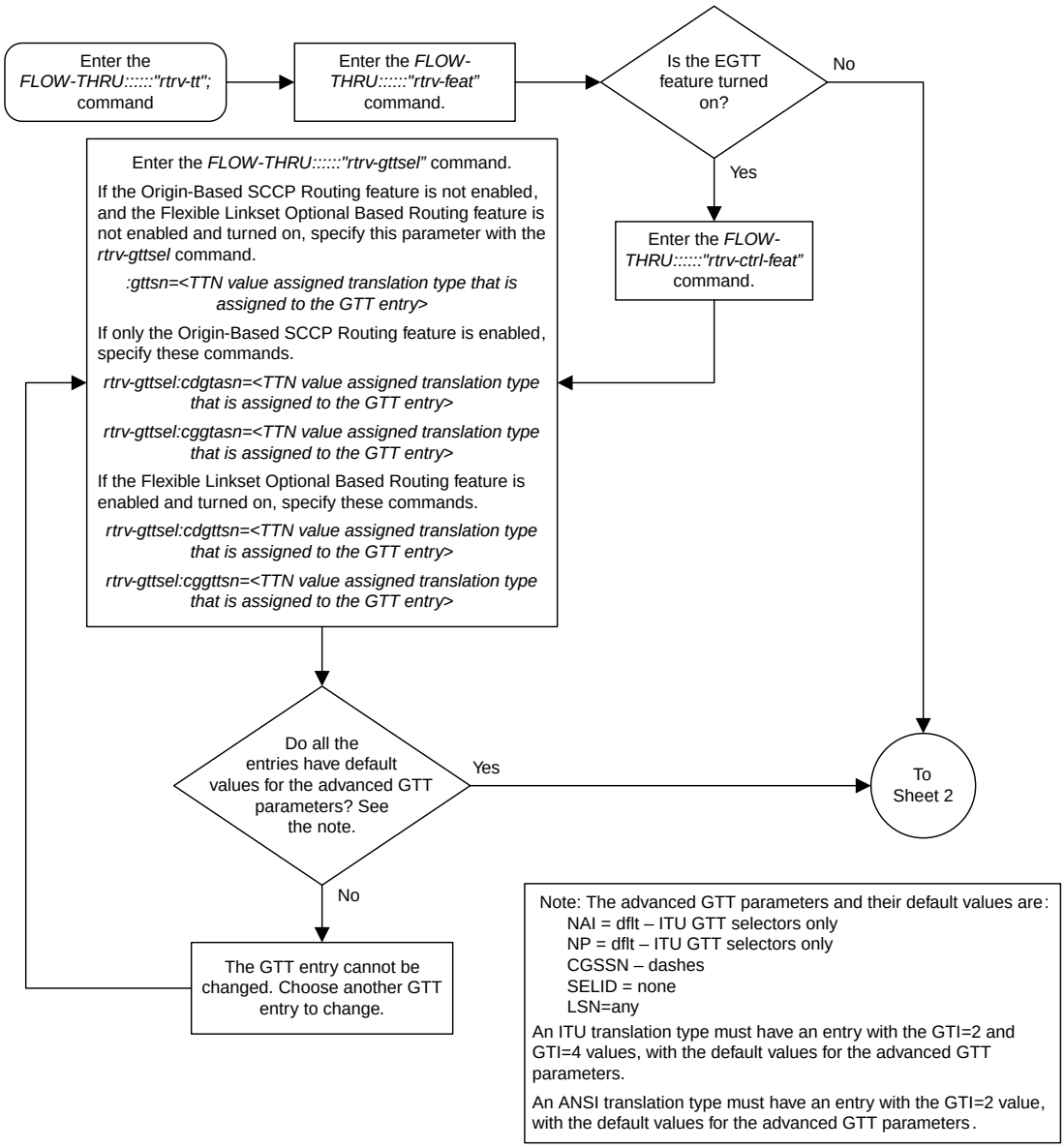
The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses. The range can be reduced so long as the new end global title address parameter value is not smaller than the global title address parameter value.

For example, a global title translation contains this range of global title addresses: 9194600000 - 9194603000. The range of global title addresses can be extended to 9194604500 by specifying an end global title address value of 9194604500 parameter with the SEAS `CHG-GTT` command. However, if another range of global title addresses begins with the value 9194604000, the end global title address value of 9194604500 cannot be specified with the SEAS `CHG-GTT` command as the new range created with the end global title address value of 9194604500 would overlap the range of global title addresses beginning with the value 9194604000. In this situation, the maximum value for the end global title address value would be 9194603999.

Using the same example, the range of global title addresses can be reduced to 9194600000 - 9194601500 by specifying the end global title address value of 9194601500 with the SEAS `CHG-GTT` command. The new range must lie inside of the original range. You cannot create the range 9194595000 - 9194600000 by specifying the end global title address value of 9194595000 parameter with the SEAS `CHG-GTT` command.

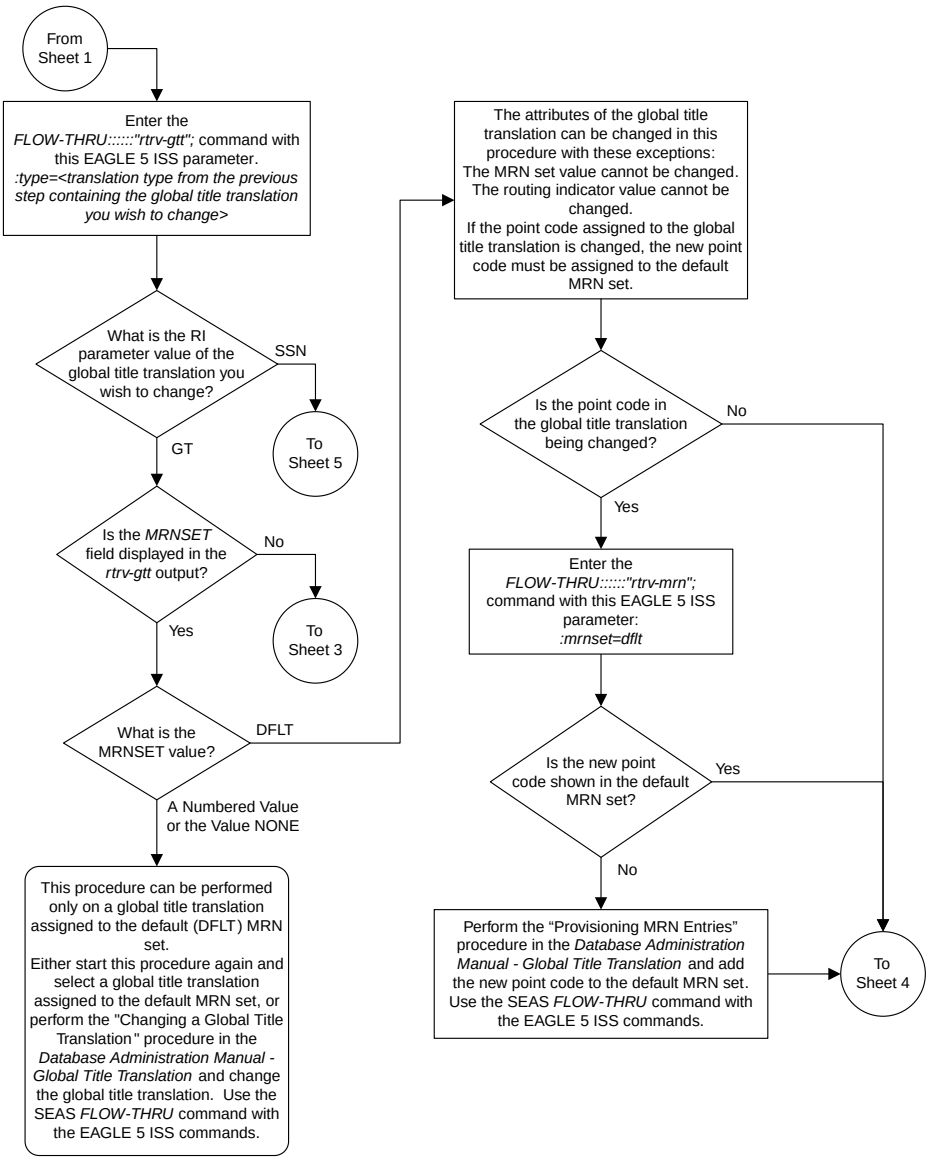
Caution: Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If the global title address and end global title address

parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS `CHG-GTT` command.

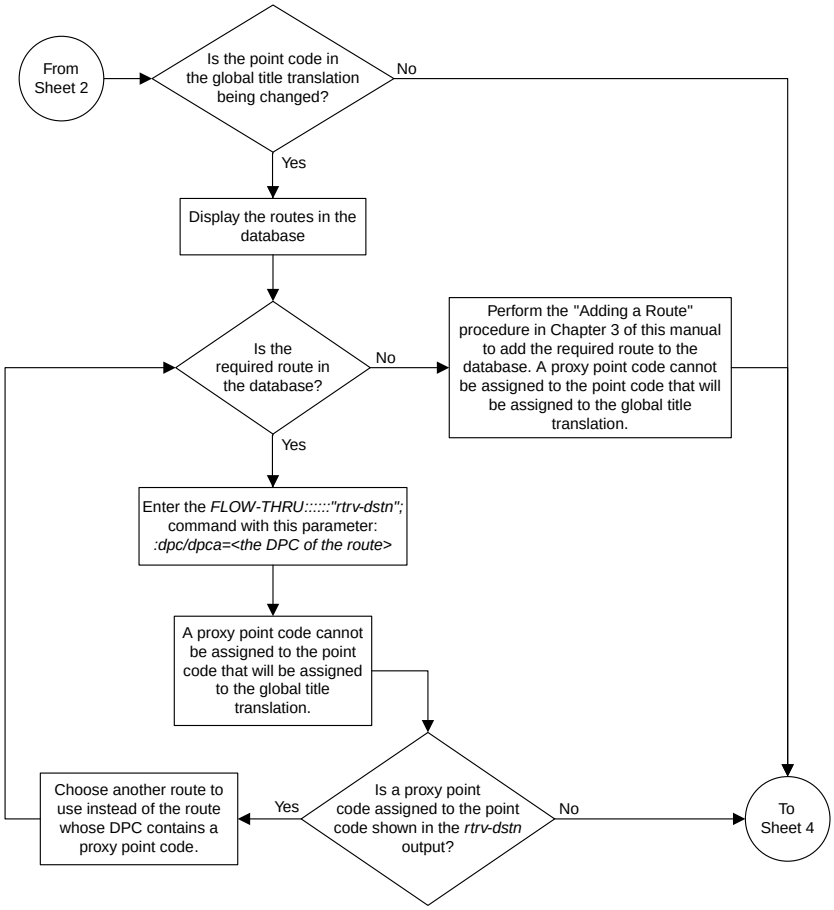


Sheet 1 of 8

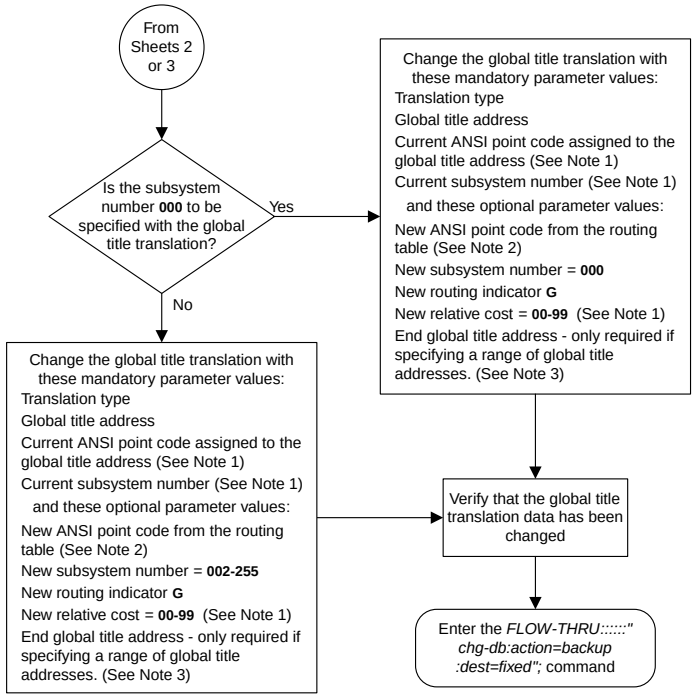
Figure 21: Changing a Global Title Translation


From Sheet 1
Enter the FLOW-THRU::::::"rtrv-gtt"; command with this EAGLE 5 ISS parameter. :type=<translation type from the previous step containing the global title translation you wish to change>
What is the RI parameter value of the global title translation you wish to change?
SSN
To Sheet 5
GT
Is the MRNSET field displayed in the rtrv-gtt output?
No
To Sheet 3
Yes
What is the MRNSET value?
DFLT
A Numbered Value or the Value NONE
This procedure can be performed only on a global title translation assigned to the default (DFLT) MRN set.
Either start this procedure again and select a global title translation assigned to the default MRN set, or perform the "Changing a Global Title Translation" procedure in the Database Administration Manual - Global Title Translation and change the global title translation. Use the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.
The attributes of the global title translation can be changed in this procedure with these exceptions:
The MRN set value cannot be changed.
The routing indicator value cannot be changed.
If the point code assigned to the global title translation is changed, the new point code must be assigned to the default MRN set.
Is the point code in the global title translation being changed?
No
Yes
Enter the FLOW-THRU::::::"rtrv-mrn"; command with this EAGLE 5 ISS parameter: :mrnset=dflt
Is the new point code shown in the default MRN set?
Yes
No
Perform the "Provisioning MRN Entries" procedure in the Database Administration Manual - Global Title Translation and add the new point code to the default MRN set. Use the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.
To Sheet 4

Sheet 2 of 8


From Sheet 2
Is the point code in the global title translation being changed?
No
Yes
Display the routes in the database
Is the required route in the database?
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Yes
Enter the *FLOW-THRU:::::"rtrv-dstn";* command with this parameter: *:dpc/dpca=<the DPC of the route>*
A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is a proxy point code assigned to the point code shown in the *rtrv-dstn* output?
Yes
No
Choose another route to use instead of the route whose DPC contains a proxy point code.
To Sheet 4

Sheet 3 of 8



Notes:

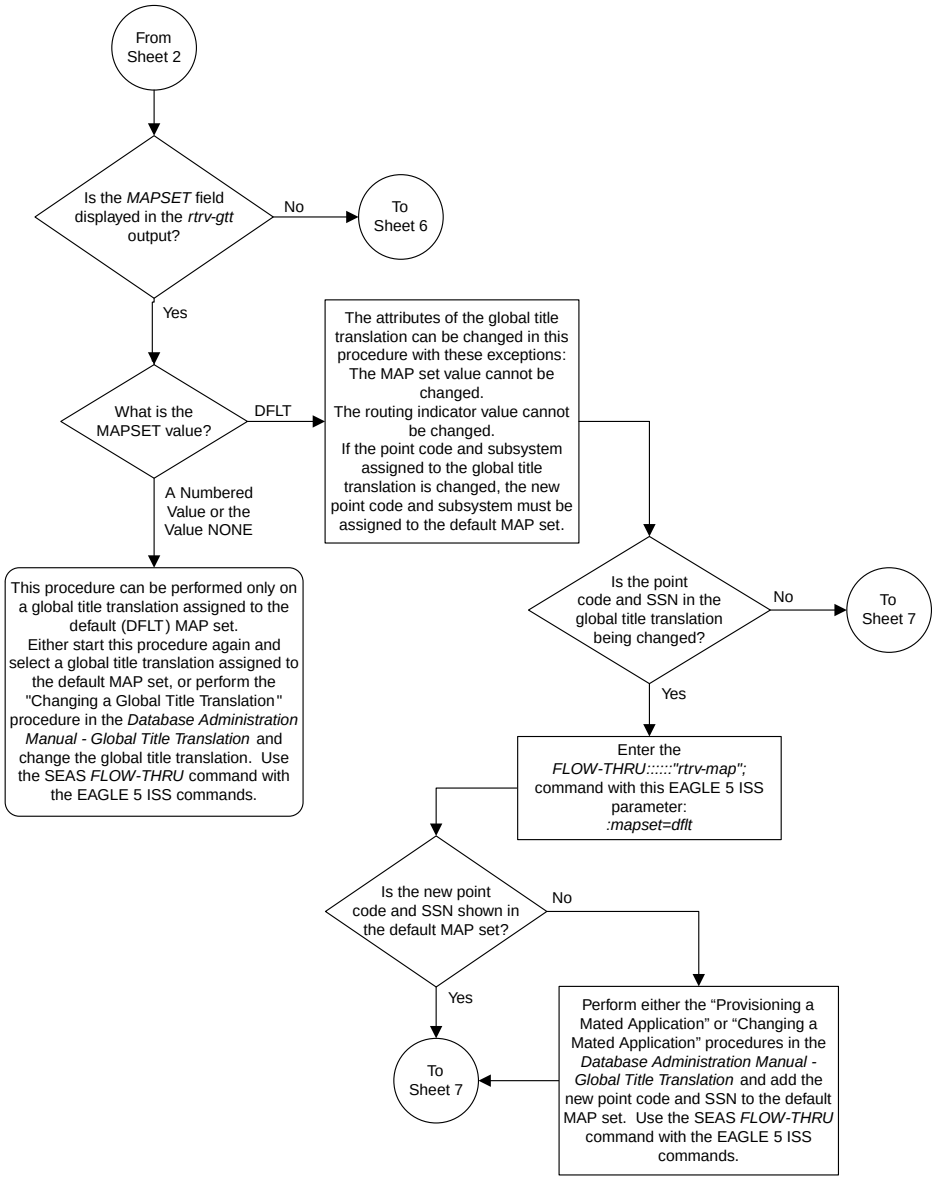
1. The new relative cost, current point code, and current subsystem values are not used in the EAGLE 5 ISS and are discarded when the EAGLE 5 ISS processes this command.

2. If the global title translation is assigned to the default MRN set (shown in the *rtrv-gtt* output on Sheet 1) the new point code must be assigned to the default MRN set (shown in the *rtrv-mrn* output on Sheet 2). A proxy point code cannot be assigned to the new point code of the global title translation.

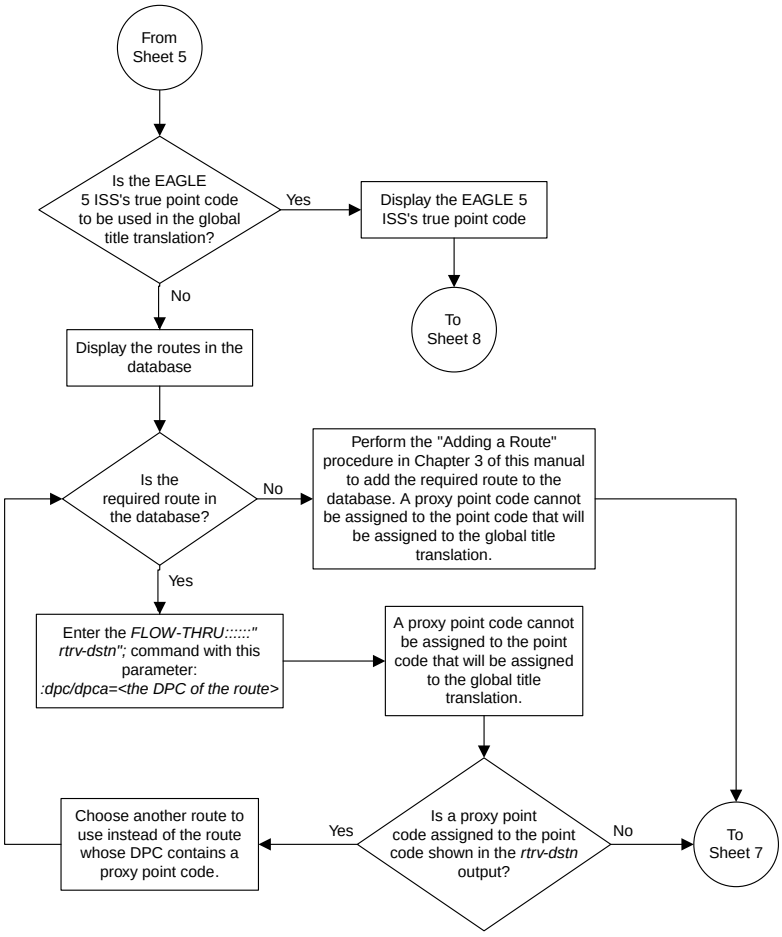
3. The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses.

Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If the global title address and end global title address parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS CHG-GTT command. The length of the end global title address must be the same as the length of the global title address.

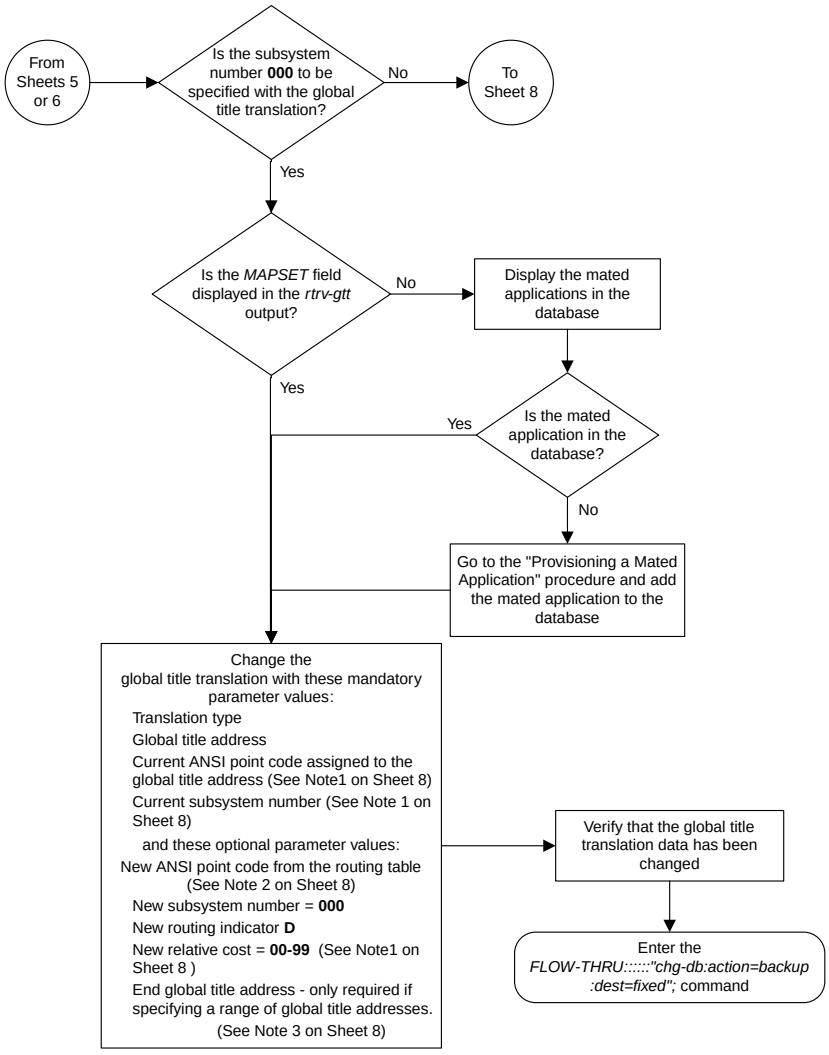
Sheet 4 of 8


From Sheet 2
Is the *MAPSET* field displayed in the *rtrv-gtt* output?
No
To Sheet 6
Yes
What is the MAPSET value?
DFLT
A Numbered Value or the Value NONE
The attributes of the global title translation can be changed in this procedure with these exceptions:
The MAP set value cannot be changed.
The routing indicator value cannot be changed.
If the point code and subsystem assigned to the global title translation is changed, the new point code and subsystem must be assigned to the default MAP set.
This procedure can be performed only on a global title translation assigned to the default (DFLT) MAP set.
Either start this procedure again and select a global title translation assigned to the default MAP set, or perform the "Changing a Global Title Translation" procedure in the *Database Administration Manual - Global Title Translation* and change the global title translation. Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.
Is the point code and SSN in the global title translation being changed?
No
To Sheet 7
Yes
Enter the *FLOW-THRU::::::"rtrv-map";* command with this EAGLE 5 ISS parameter: *:mapset=dflt*
Is the new point code and SSN shown in the default MAP set?
No
Yes
To Sheet 7
Perform either the “Provisioning a Mated Application” or “Changing a Mated Application” procedures in the *Database Administration Manual - Global Title Translation* and add the new point code and SSN to the default MAP set. Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.

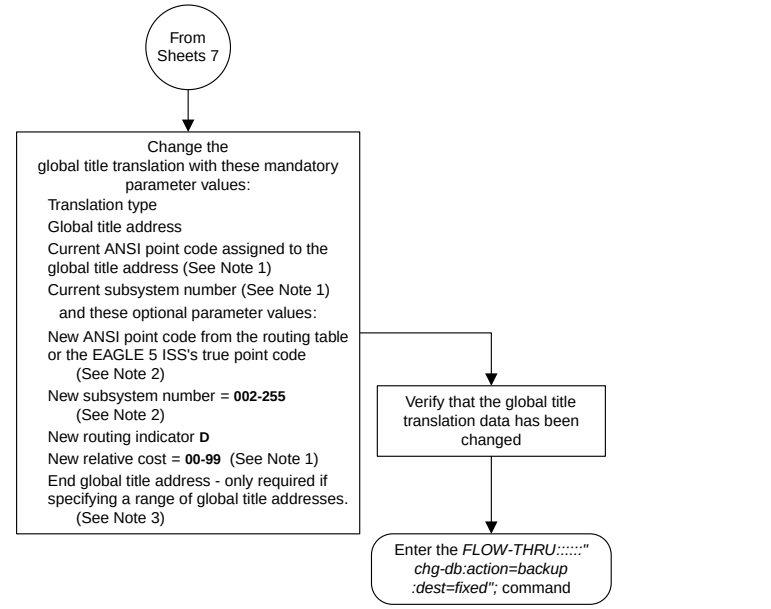
Sheet 5 of 8


From Sheet 5
Is the EAGLE 5 ISS's true point code to be used in the global title translation?
Yes
Display the EAGLE 5 ISS's true point code
To Sheet 8
No
Display the routes in the database
Is the required route in the database?
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Yes
Enter the *FLOW-THRU:::::::" rtrv-dstn";* command with this parameter: *:dpc/dpca=<the DPC of the route>*
A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is a proxy point code assigned to the point code shown in the *rtrv-dstn* output?
Yes
No
Choose another route to use instead of the route whose DPC contains a proxy point code.
To Sheet 7

Sheet 6 of 8


From Sheets 5 or 6
Is the subsystem number **000** to be specified with the global title translation?
No
To Sheet 8
Yes
Is the *MAPSET* field displayed in the *rtrv-gtt* output?
No
Display the mated applications in the database
Yes
Is the mated application in the database?
Yes
No
Go to the "Provisioning a Mated Application" procedure and add the mated application to the database
Change the global title translation with these mandatory parameter values:
Translation type
Global title address
Current ANSI point code assigned to the global title address (See Note1 on Sheet 8)
Current subsystem number (See Note 1 on Sheet 8)
and these optional parameter values:
New ANSI point code from the routing table (See Note 2 on Sheet 8)
New subsystem number = **000**
New routing indicator **D**
New relative cost = **00-99** (See Note1 on Sheet 8)
End global title address - only required if specifying a range of global title addresses. (See Note 3 on Sheet 8)
Verify that the global title translation data has been changed
Enter the *FLOW-THRU:::::"chg-db:action=backup :dest=fixed";* command

Sheet 7 of 8



Notes:

1. The new relative cost, current point code, and current subsystem values are not used in the EAGLE 5 ISS and are discarded when the EAGLE 5 ISS processes this command.

2. If the global title translation is assigned to the default MAP set (shown in the *rtrv-gtt* output on Sheet 1), the new point code and SSN must be assigned to the default MAP set (shown in the *rtrv-map* output on Sheet 5). A proxy point code cannot be assigned to the new point code of the global title translation.

3. The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses.

Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters, are different from the original values in the global title translation. If the global title address and end global title address parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS CHG-GTT command. The length of the end global title address must be the same as the length of the global title address.

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Chapter 5

Gateway Screening (GWS) Configuration

Topics:

- *Adding an Allowed Affected Point Code Screen.....130*
- *Removing an Allowed Affected Point Code Screen.....131*
- *Changing an Allowed Affected Point Code Screen.....133*
- *Adding an Allowed Called Party Address Screen.....133*
- *Removing an Allowed Called Party Address Screen.....136*
- *Changing an Allowed Called Party Address Screen.....139*
- *Adding an Allowed Translation Type Screen...142*
- *Removing an Allowed Translation Type Screen.....144*
- *Changing an Allowed Translation Type Screen.....145*
- *Adding an Allowed Calling Party Address Screen.....147*
- *Removing an Allowed Calling Party Address Screen.....150*
- *Changing an Allowed Calling Party Address Screen.....155*
- *Adding an Allowed Affected Destination Field Screen.....158*
- *Removing an Allowed Affected Destination Field Screen.....160*
- *Changing an Allowed Affected Destination Field Screen.....163*
- *Adding a Blocked DPC Screen.....164*
- *Removing a Blocked DPC Screen.....168*
- *Changing a Blocked DPC Screen.....173*

Chapter 5, Gateway Screening (GWS) Configuration, describes the procedures used to administer gateway screening data.

- *Adding an Allowed DPC Screen.....177*
- *Removing an Allowed DPC Screen.....183*
- *Changing an Allowed DPC Screen.....187*
- *Adding an Allowed SIO Screen.....192*
- *Removing an Allowed SIO Screen.....199*
- *Changing an Allowed SIO Screen.....202*
- *Adding a Blocked OPC Screen.....209*
- *Removing a Blocked OPC Screen.....215*
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- *Adding an Allowed OPC Screen.....222*
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- *Adding a Gateway Linkset.....235*
- *Removing a Gateway Linkset.....246*
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- *Setting the Threshold for Reporting Gateway Screening Activity.....257*
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- *Adding an Allowed ISUP Message Type Screen.....259*
- *Removing an Allowed ISUP Message Type Screen.....260*
- *Changing an Allowed ISUP Message Type Screen.....263*

Adding an Allowed Affected Point Code Screen

This procedure is used to add an allowed affected point code screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed Affected Point Code Screen" in the *Database Administration Manual – Gateway Screening*.

Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the allowed affected point code screen to the database, perform the "Adding an Allowed Affected Point Code Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed affected point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed affected point code screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

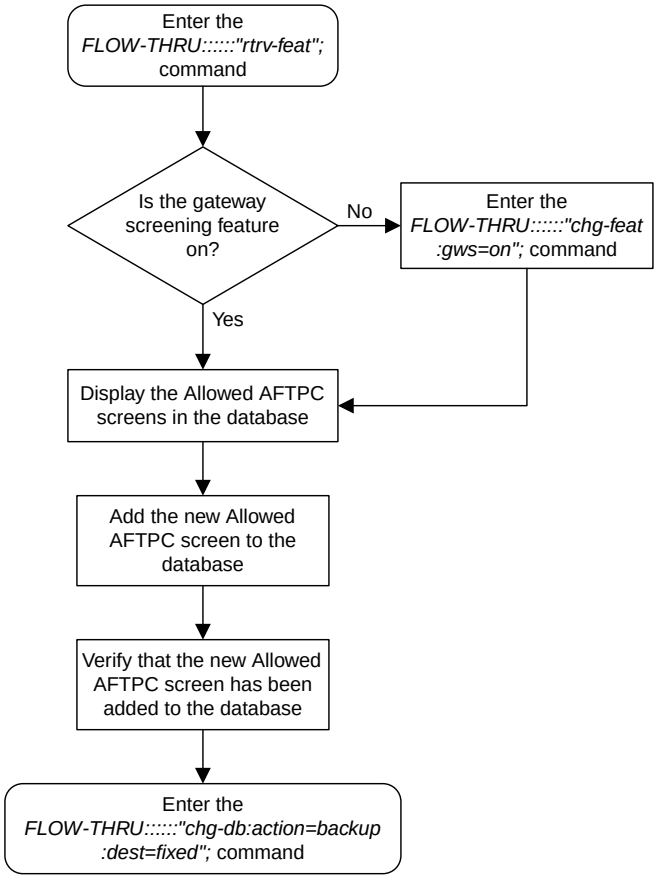


Figure 22: Adding an Allowed Affected Point Code Screen from the SEAS Terminal

Removing an Allowed Affected Point Code Screen

This procedure is used to remove an allowed affected point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Affected Point Code Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in removing the allowed affected point code screen from the database, perform the "Removing an Allowed Affected Point Code Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed affected point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the screens referencing the allowed affected point code screen being removed.

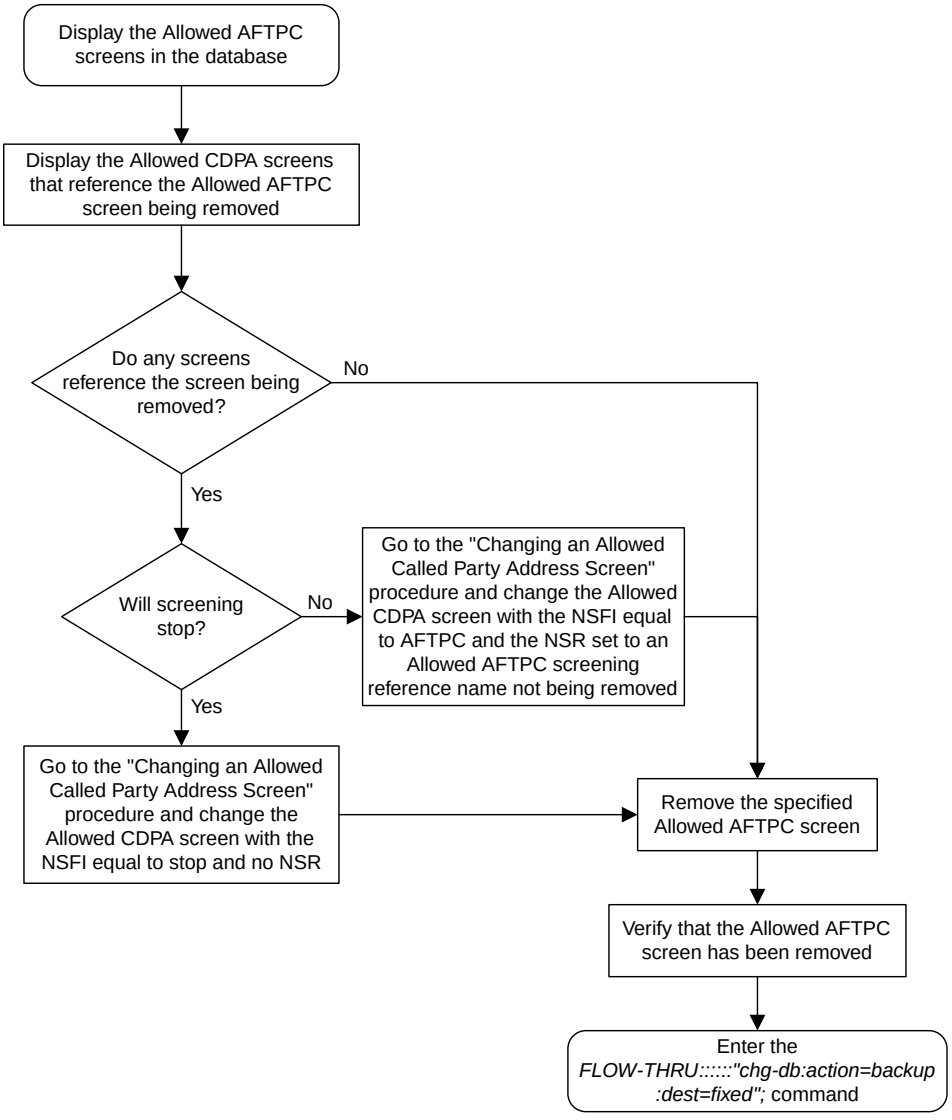


Figure 23: Removing an Allowed Affected Point Code Screen from the SEAS Terminal

Changing an Allowed Affected Point Code Screen

This procedure is used to change an allowed affected point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing an Allowed Affected Point Code Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in changing the allowed affected point code screen in the database, perform the "Changing an Allowed Affected Point Code Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed affected point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `ncpst` parameters), or 24-bit ITU-N point codes. The `pcst` and `ncpst` parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed affected point code screen being changed.

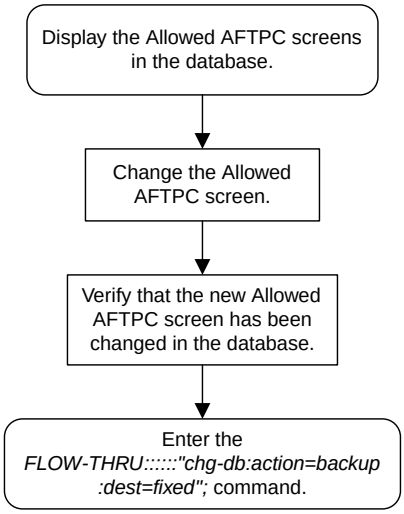


Figure 24: Changing an Allowed Affected Point Code Screen from the SEAS Terminal

Adding an Allowed Called Party Address Screen

This procedure is used to add an allowed called party address screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this

procedure, see "Adding an Allowed Called Party Address Screen" in the *Database Administration Manual* - Gateway Screening.

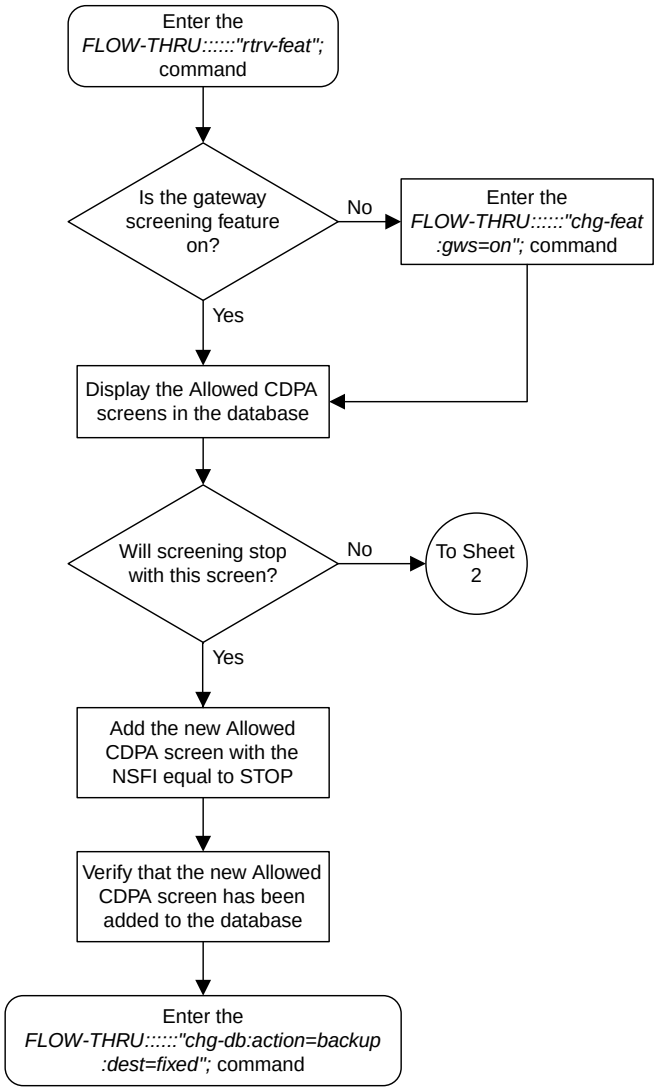
Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the allowed called party address screen to the database, perform the "Adding an Allowed Called Party Address Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

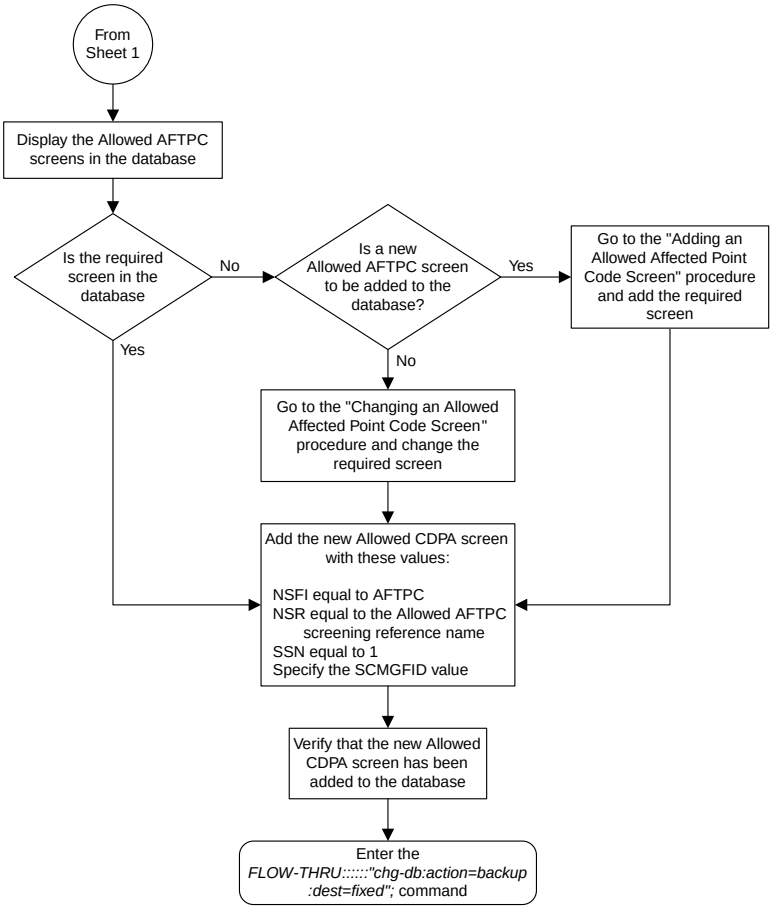
- If the allowed called party address screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed called party address screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.



Sheet 1 of 2

Figure 25: Adding an Allowed Called Party Address Screen from the SEAS Terminal



Sheet 2 of 2

Removing an Allowed Called Party Address Screen

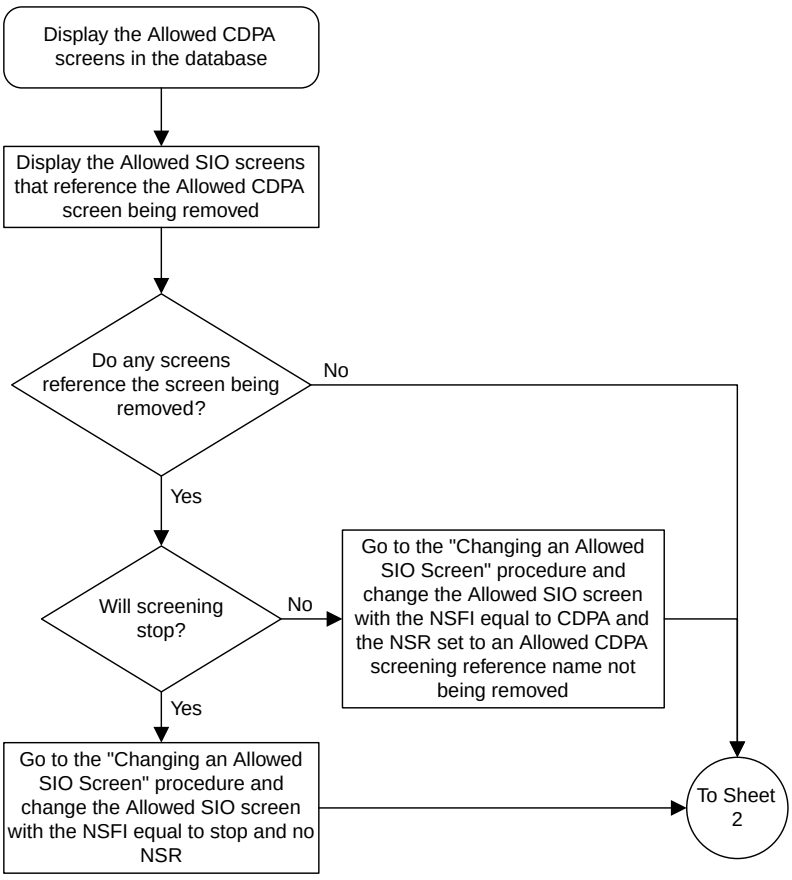
This procedure is used to remove an allowed called party address screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Called Party Address Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in removing the allowed called party address screen from the database, perform the "Removing an Allowed Called Party Address Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed called party address screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst`

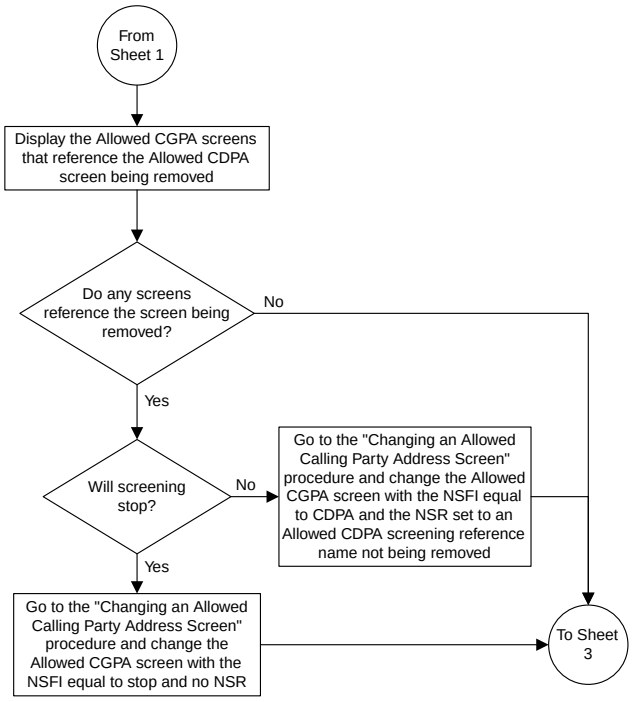
parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the screens referencing the allowed called party address screen being removed.

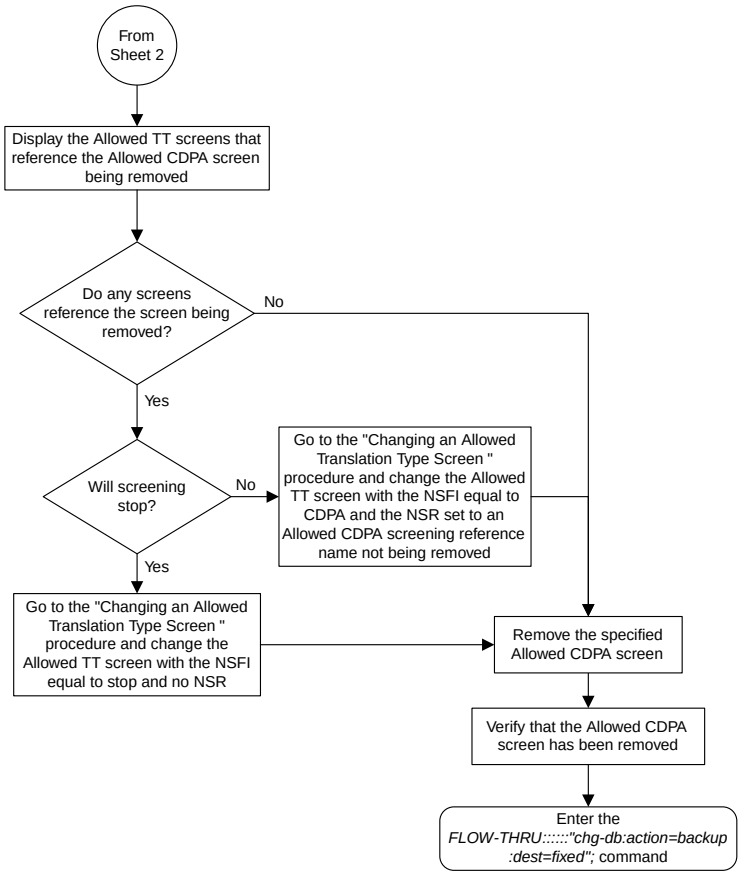


Sheet 1 of 3

Figure 26: Removing an Allowed Called Party Address Screen from the SEAS Terminal


From Sheet 1
Display the Allowed CGPA screens that reference the Allowed CDPA screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the Allowed CGPA screen with the NSFI equal to CDPA and the NSR set to an Allowed CDPA screening reference name not being removed
Yes
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the Allowed CGPA screen with the NSFI equal to stop and no NSR
To Sheet 3

Sheet 2 of 3



Sheet 3 of 3

Changing an Allowed Called Party Address Screen

This procedure is used to change an allowed called party address screen in the database. This procedure uses the EAGLE 5 ISS command. For more information on this procedure, see "Changing an Allowed Called Party Address Screen" in the *Database Administration Manual - Gateway Screening*.

If any of the following items are used in changing the allowed called party address screen in the database, perform the "Changing an Allowed Called Party Address Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed called party address screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the

pcst or npcst parameters), or 24-bit ITU-N point codes. The pcst and npcst parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the allowed called party address screen being changed.

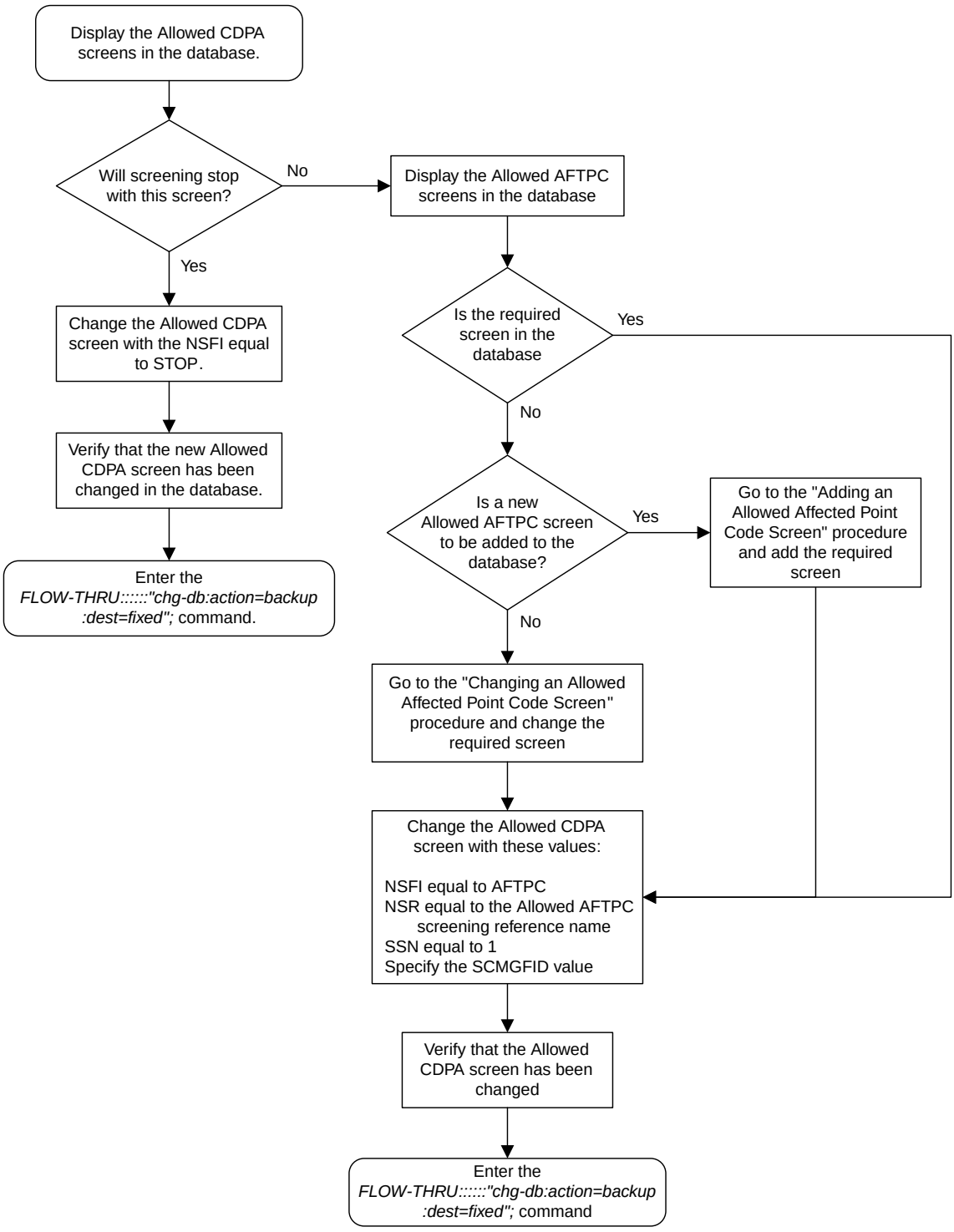


Figure 27: Changing an Allowed Called Party Address Screen from the SEAS Terminal

Adding an Allowed Translation Type Screen

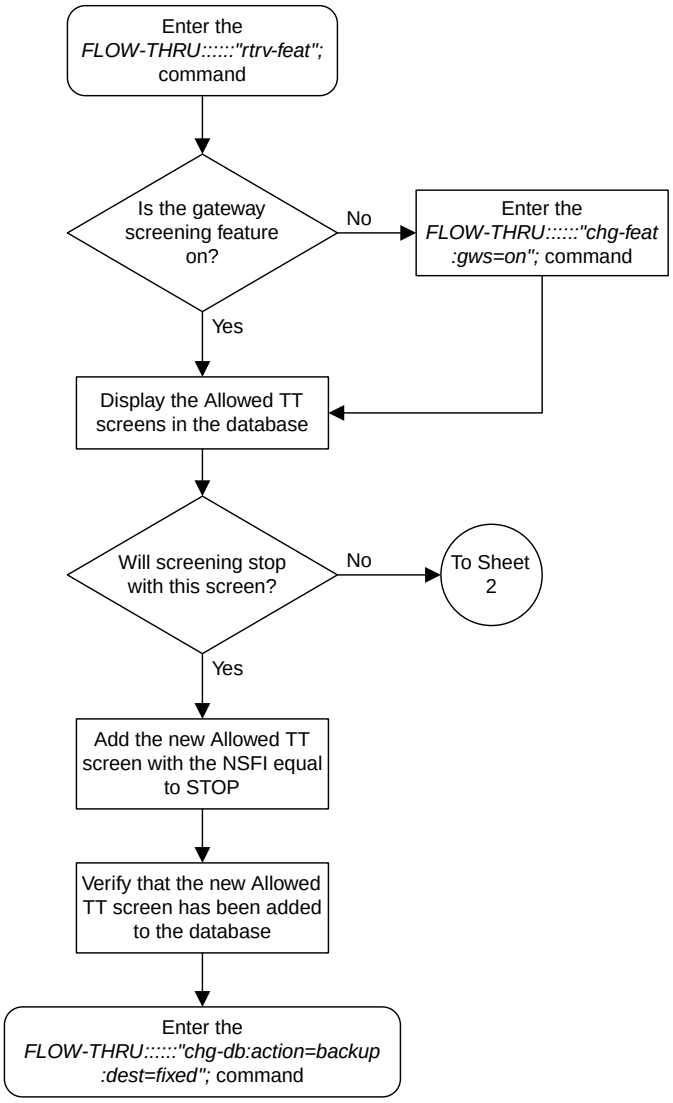
This procedure is used to add an allowed translation type screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed Translation Type Screen" in the *Database Administration Manual - Gateway Screening*.

Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

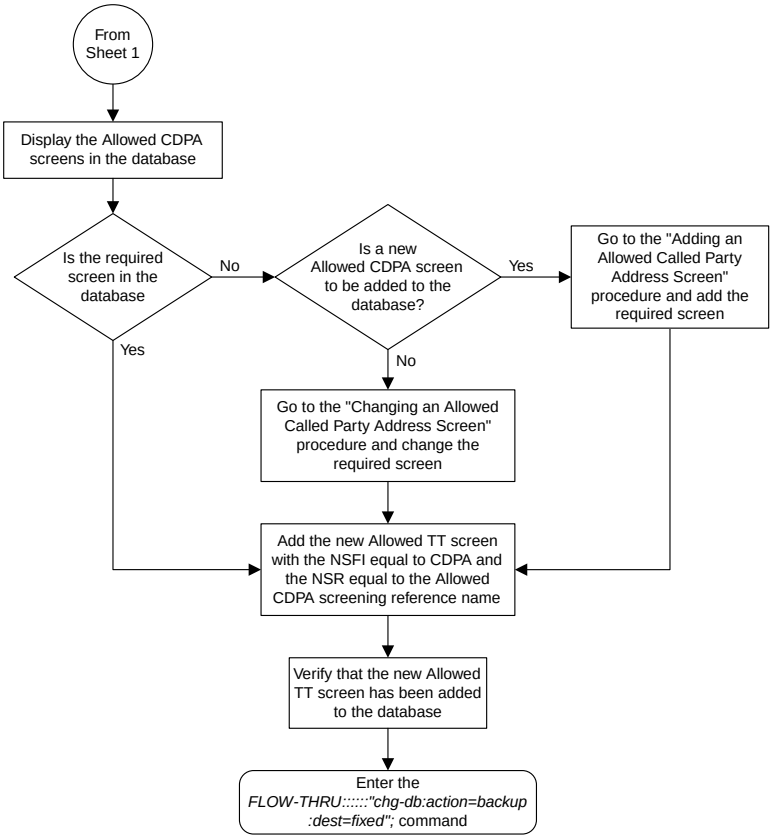
If gateway screening stop action sets are to be assigned to the allowed translation type screen being added to the database, perform the "Adding an Allowed Translation Type Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.



Sheet 1 of 2

Figure 28: Adding an Allowed Translation Type Screen from the SEAS Terminal



Sheet 2 of 2

Removing an Allowed Translation Type Screen

This procedure is used to remove an allowed translation type screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Translation Type Screen" in the *Database Administration Manual* - Gateway Screening.

If gateway screening stop action sets are assigned to the screens referencing the allowed translation type screen being removed from the database, perform the "Removing an Allowed Translation Type Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

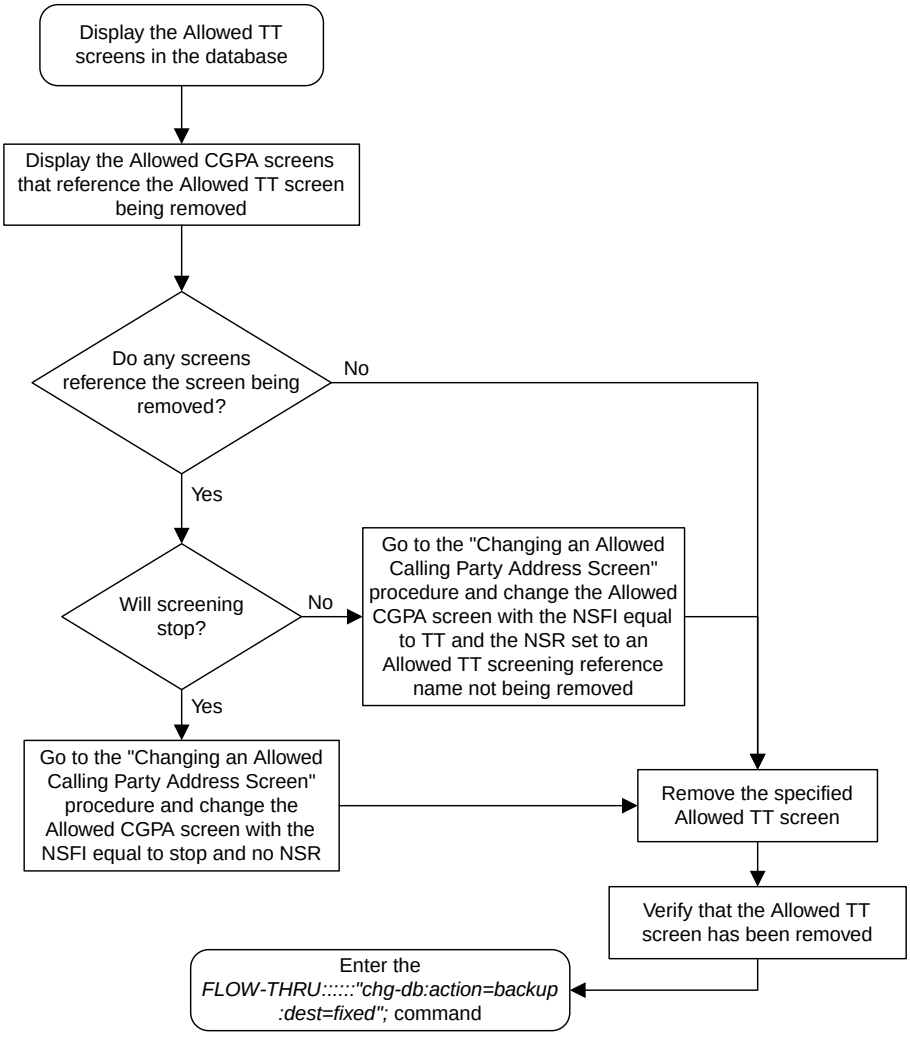


Figure 29: Removing an Allowed Translation Type Screen from the SEAS Terminal

Changing an Allowed Translation Type Screen

This procedure is used to change an allowed translation type screen in the database. This procedure uses the EAGLE 5 ISS command. For more information on this procedure, see "Changing an Allowed Translation Type Screen" in the *Database Administration Manual - Gateway Screening*.

If gateway screening stop action sets are to be assigned to the allowed translation type screen being changed in the database, perform the "Changing an Allowed Translation Type Screen" procedure in

the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

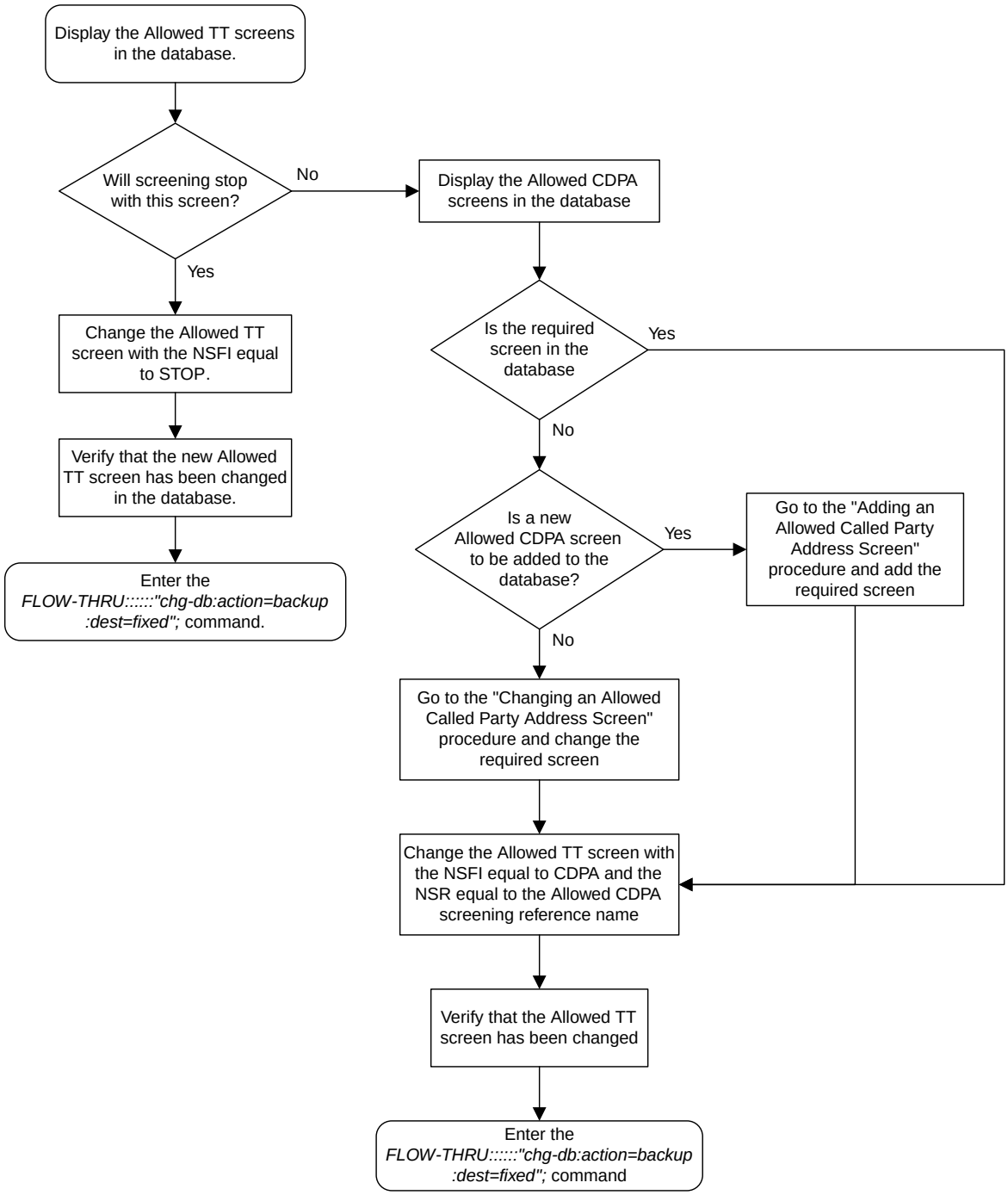


Figure 30: Changing an Allowed Translation Type Screen from the SEAS Terminal

Adding an Allowed Calling Party Address Screen

This procedure is used to add an allowed calling party address screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed Calling Party Address Screen" in the *Database Administration Manual* - Gateway Screening.

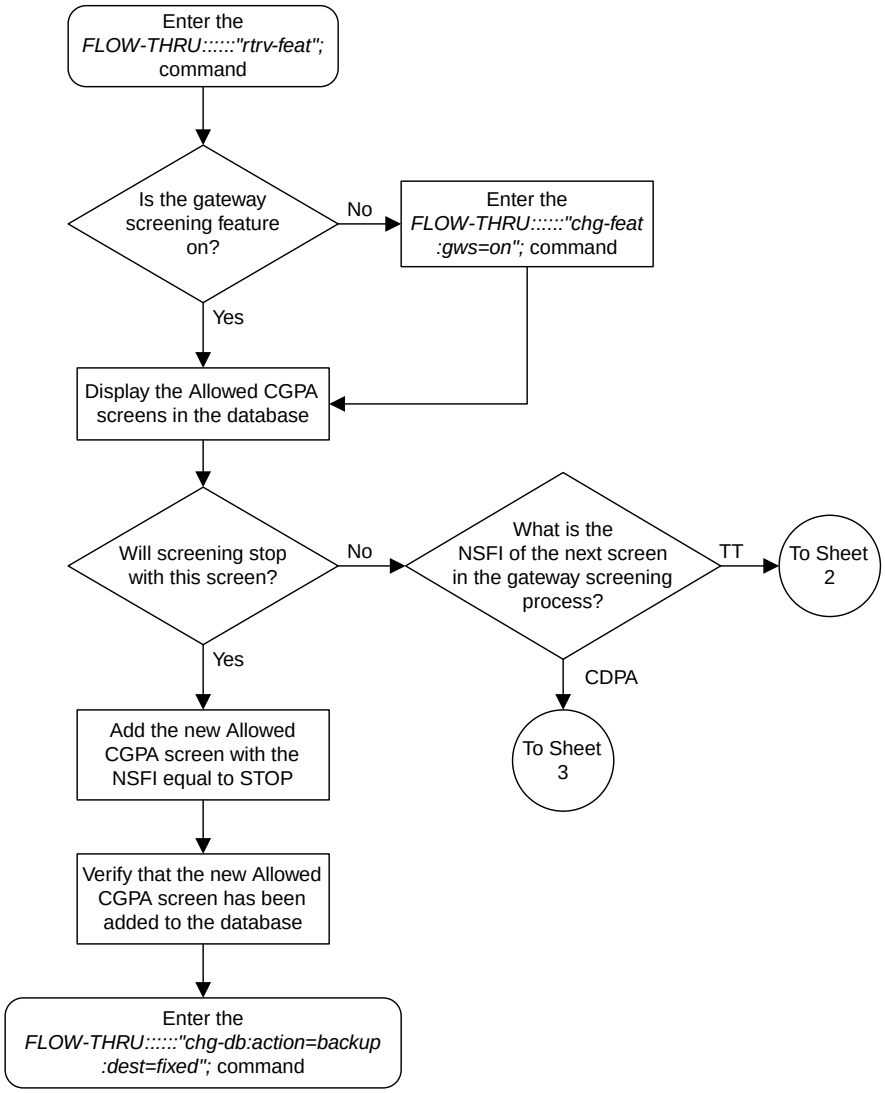
Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the allowed calling party address screen to the database, perform the "Adding an Allowed Calling Party Address Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

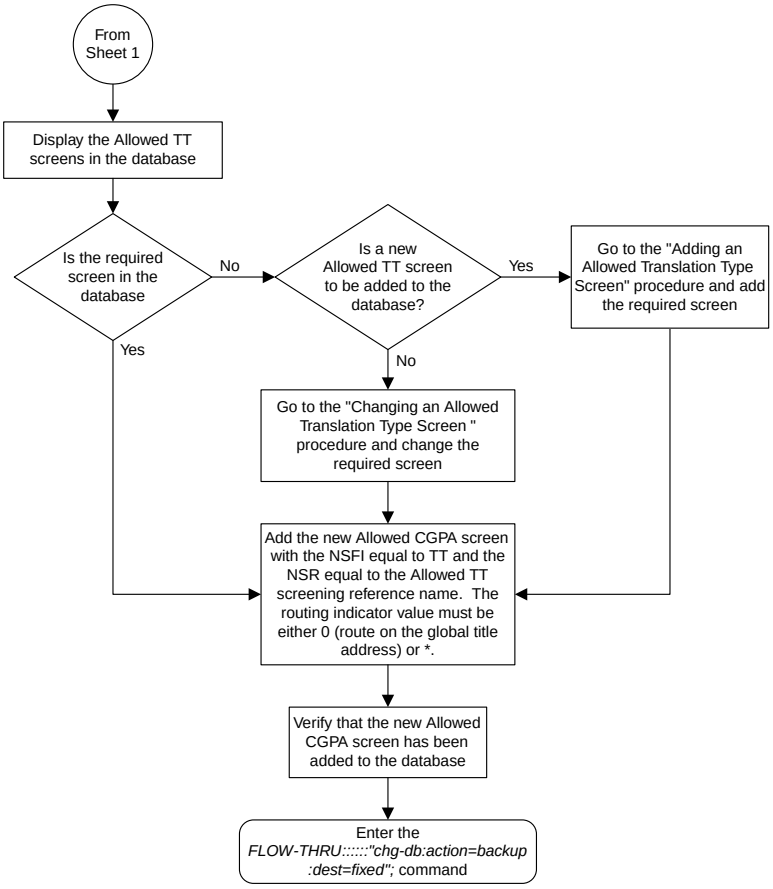
- If the allowed calling party address screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed calling party address screen being added.
- If you wish to use the `sccpmt` parameter of the EAGLE 5 ISS command `ent-scr-cgpa`.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

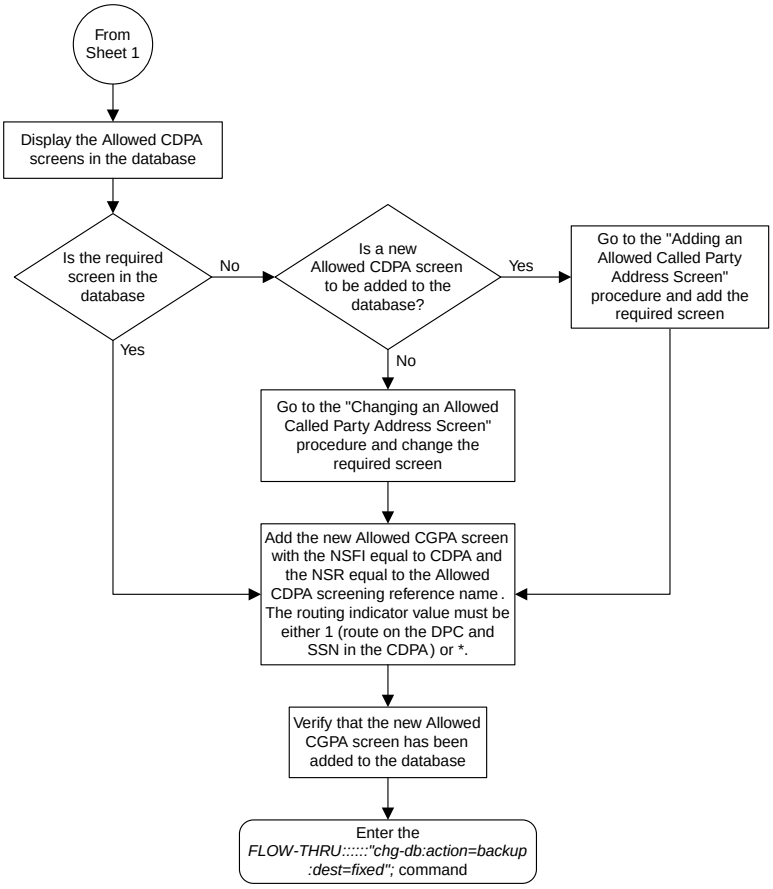


Sheet 1 of 3

Figure 31: Adding an Allowed Calling Party Address Screen from the SEAS Terminal


From Sheet 1
Display the Allowed TT screens in the database
Is the required screen in the database
No
Is a new Allowed TT screen to be added to the database?
Yes
Go to the "Adding an Allowed Translation Type Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Translation Type Screen " procedure and change the required screen
Add the new Allowed CGPA screen with the NSFI equal to TT and the NSR equal to the Allowed TT screening reference name. The routing indicator value must be either 0 (route on the global title address) or *.
Verify that the new Allowed CGPA screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 2 of 3



Sheet 3 of 3

Removing an Allowed Calling Party Address Screen

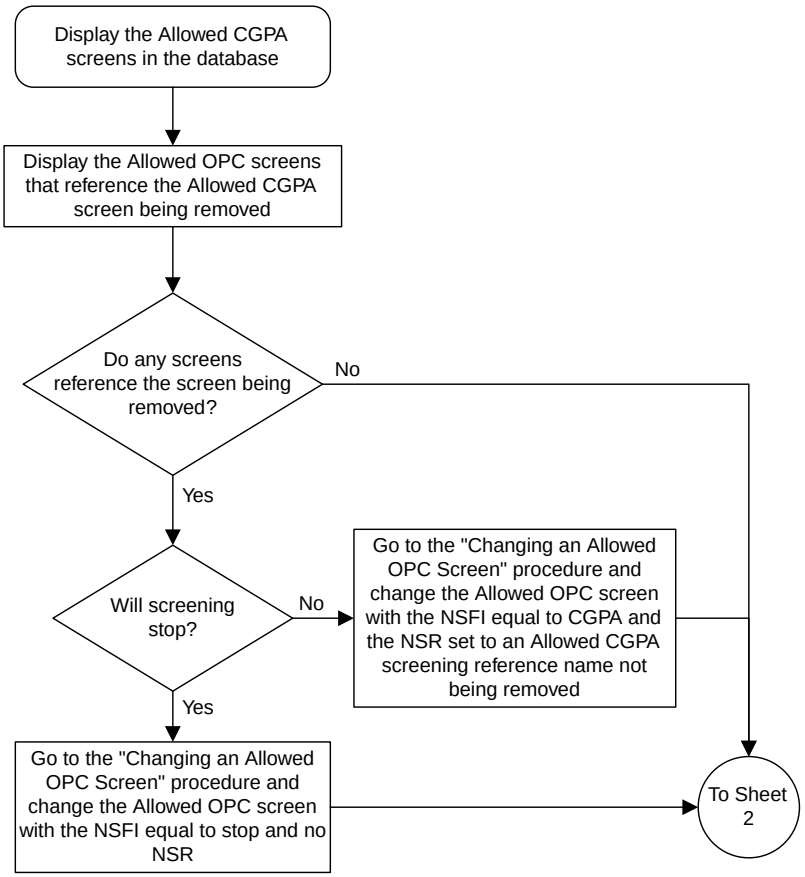
This procedure is used to remove an allowed calling party address screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Calling Party Address Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in removing the allowed calling party address screen from the database, perform the "Removing an Allowed Calling Party Address Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed calling party address screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst`

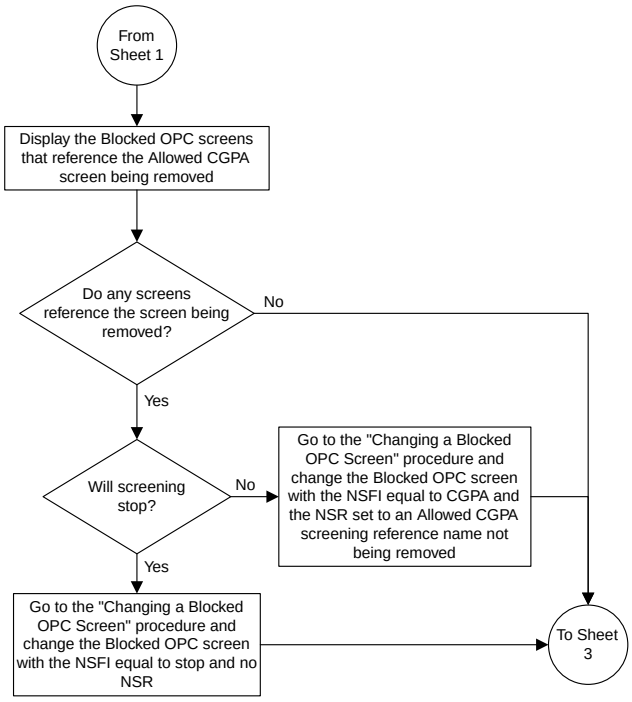
parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the screens referencing the allowed calling party address screen being removed.
- If you wish to use the `sccpmt` parameter of the EAGLE 5 ISS command `dlt-scr-cgpa`.

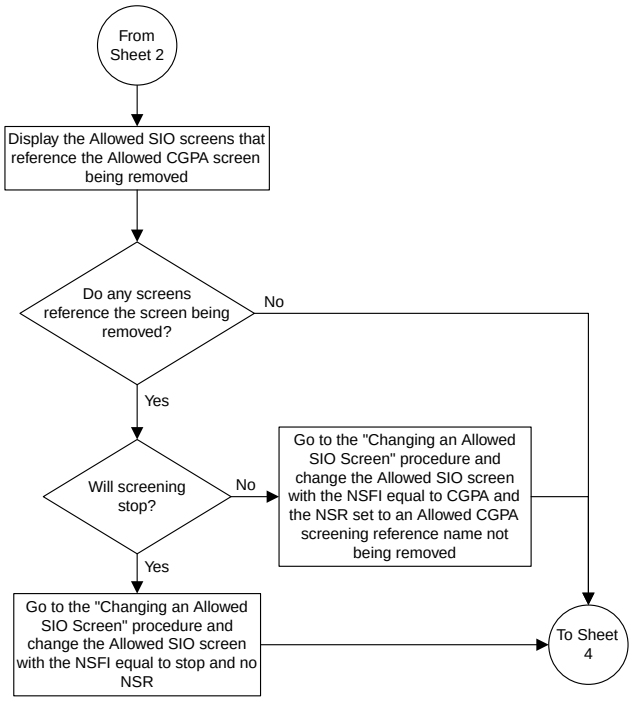


Sheet 1 of 5

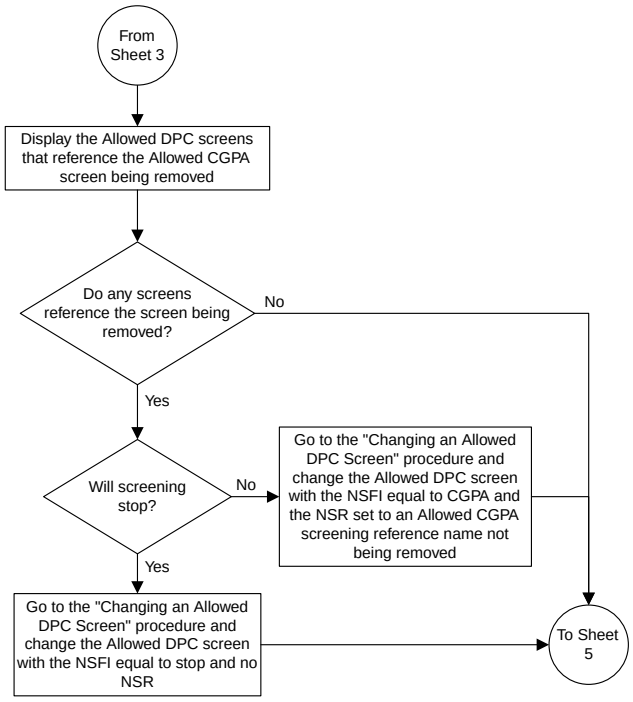
Figure 32: Removing an Allowed Calling Party Address Screen from the SEAS Terminal


From Sheet 1
Display the Blocked OPC screens that reference the Allowed CGPA screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing a Blocked OPC Screen" procedure and change the Blocked OPC screen with the NSFI equal to CGPA and the NSR set to an Allowed CGPA screening reference name not being removed
Yes
Go to the "Changing a Blocked OPC Screen" procedure and change the Blocked OPC screen with the NSFI equal to stop and no NSR
To Sheet 3

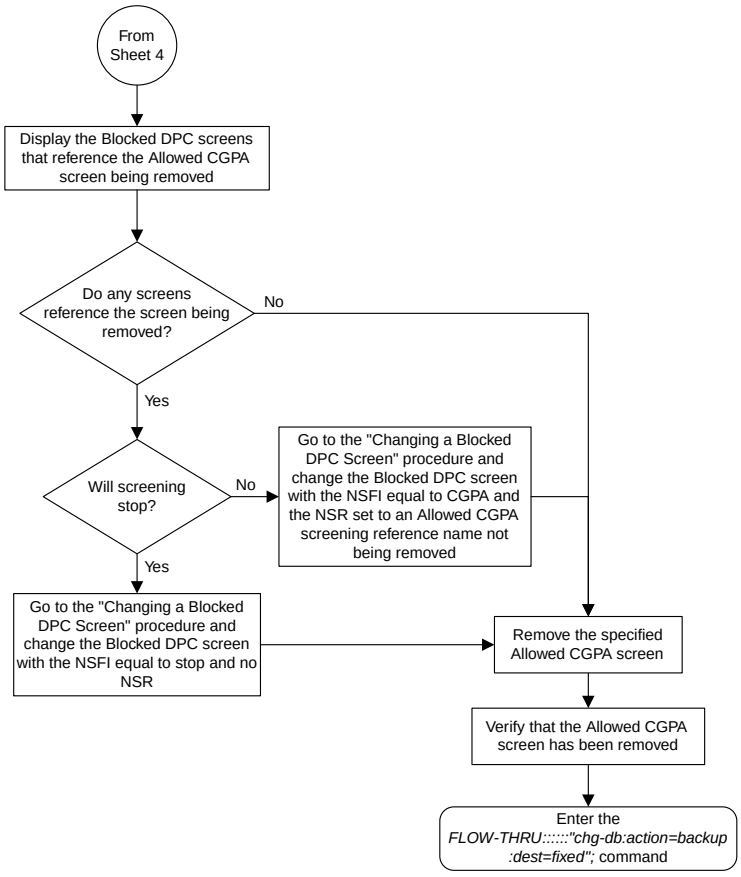
Sheet 2 of 5


From Sheet 2
Display the Allowed SIO screens that reference the Allowed CGPA screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed SIO Screen" procedure and change the Allowed SIO screen with the NSFI equal to CGPA and the NSR set to an Allowed CGPA screening reference name not being removed
Yes
Go to the "Changing an Allowed SIO Screen" procedure and change the Allowed SIO screen with the NSFI equal to stop and no NSR
To Sheet 4

Sheet 3 of 5


From Sheet 3
Display the Allowed DPC screens that reference the Allowed CGPA screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed DPC Screen" procedure and change the Allowed DPC screen with the NSFI equal to CGPA and the NSR set to an Allowed CGPA screening reference name not being removed
Yes
Go to the "Changing an Allowed DPC Screen" procedure and change the Allowed DPC screen with the NSFI equal to stop and no NSR
To Sheet 5

Sheet 4 of 5



Sheet 5 of 5

Changing an Allowed Calling Party Address Screen

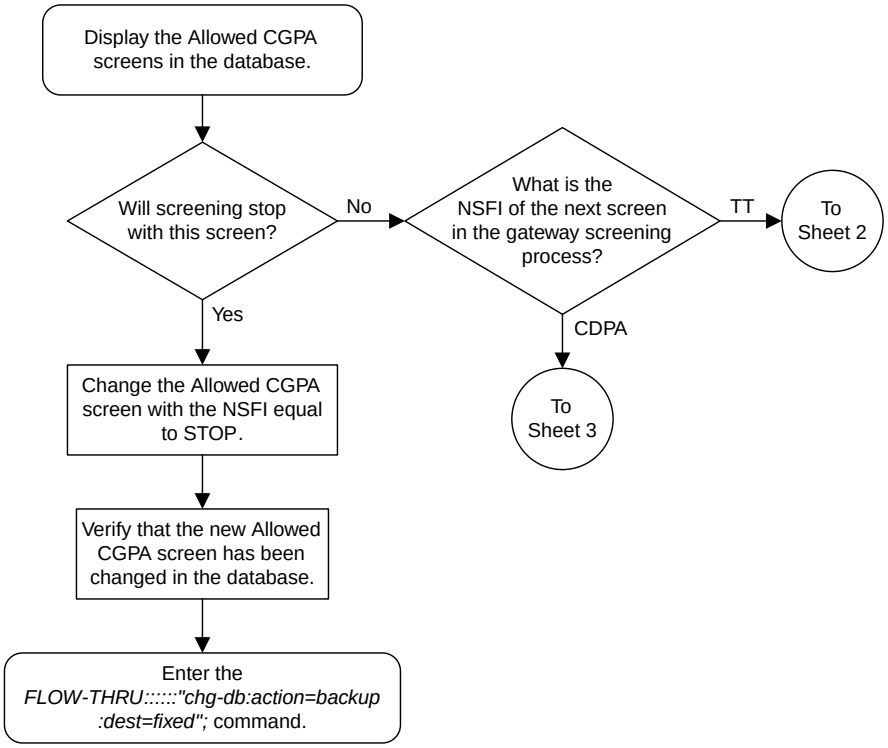
This procedure is used to change an allowed calling party address screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing an Allowed Calling Party Address Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in changing the allowed calling party address screen in the database, perform the "Changing an Allowed Calling Party Address Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed calling party address screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the

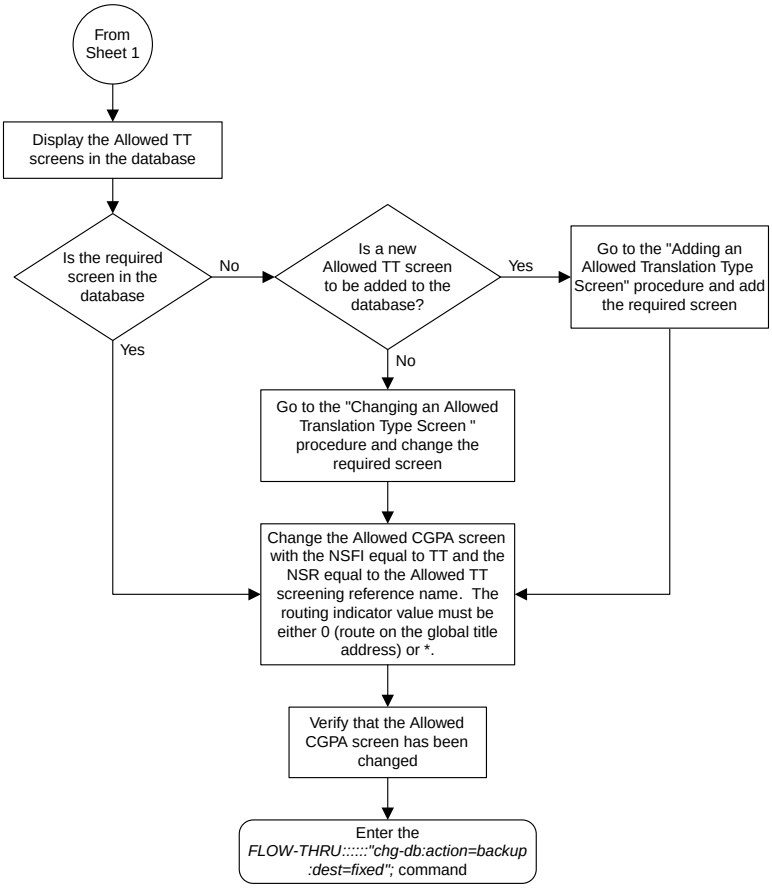
pcst or npcst parameters), or 24-bit ITU-N point codes. The pcst and npcst parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the allowed calling party address screen being changed.
- If you wish to use the sccpmt and nsccpmt parameters of the EAGLE 5 ISS command chg-scr-cgpa.

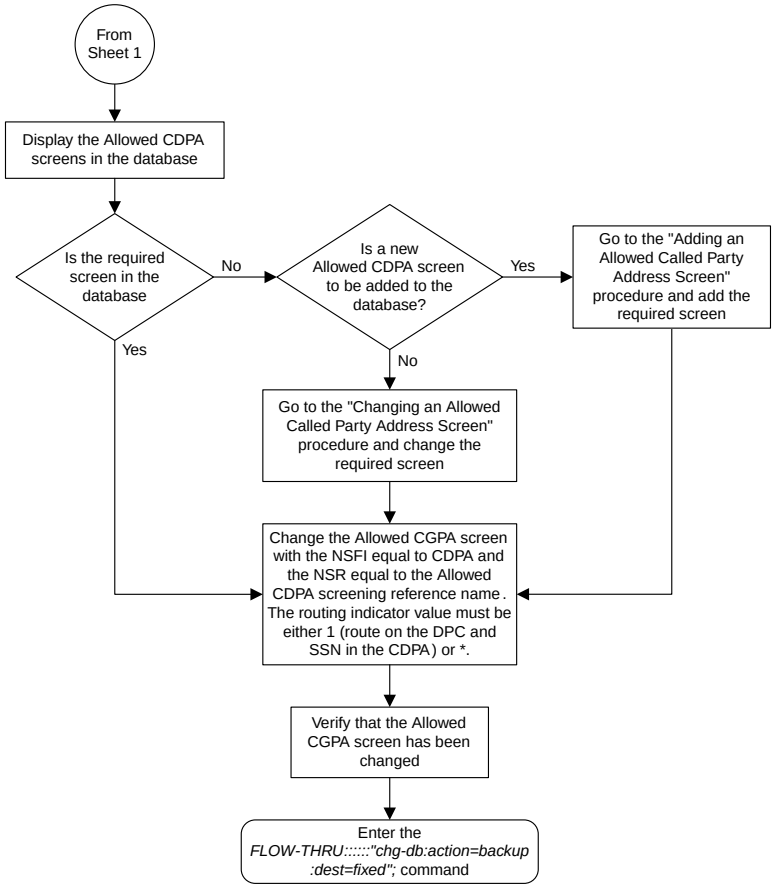


Sheet 1 of 3

Figure 33: Changing an Allowed Calling Party Address Screen from the SEAS Terminal


From Sheet 1
Display the Allowed TT screens in the database
Is the required screen in the database
No
Is a new Allowed TT screen to be added to the database?
Yes
Go to the "Adding an Allowed Translation Type Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Translation Type Screen " procedure and change the required screen
Change the Allowed CGPA screen with the NSFI equal to TT and the NSR equal to the Allowed TT screening reference name. The routing indicator value must be either 0 (route on the global title address) or *.
Verify that the Allowed CGPA screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 2 of 3



Sheet 3 of 3

Adding an Allowed Affected Destination Field Screen

This procedure is used to remove an allowed affected destination field screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed Affected Destination Field Screen" in the *Database Administration Manual* - Gateway Screening.

Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the allowed affected destination field screen to the database, perform the "Adding an Allowed Affected Destination Field Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed affected destination field screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed affected destination field screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

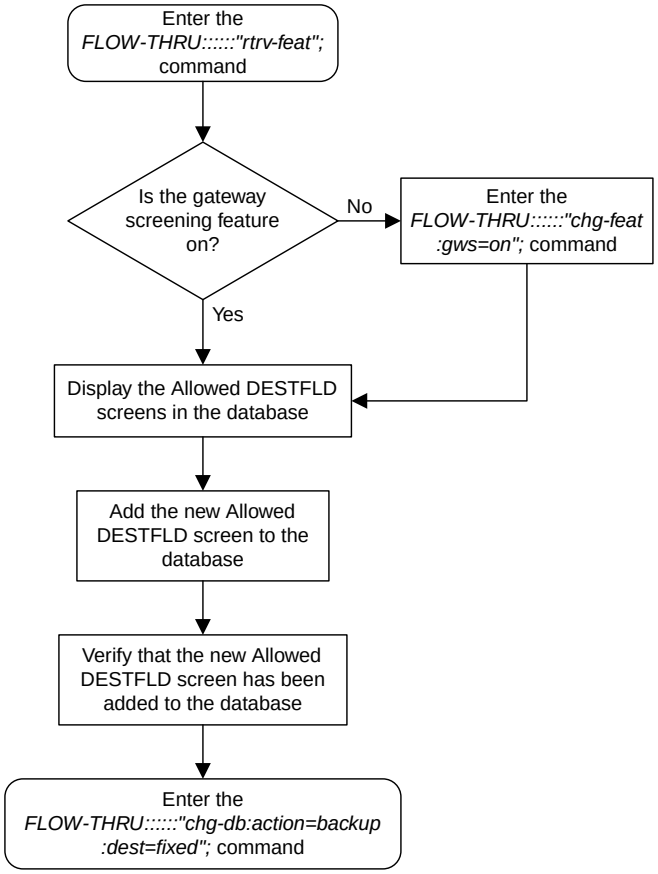


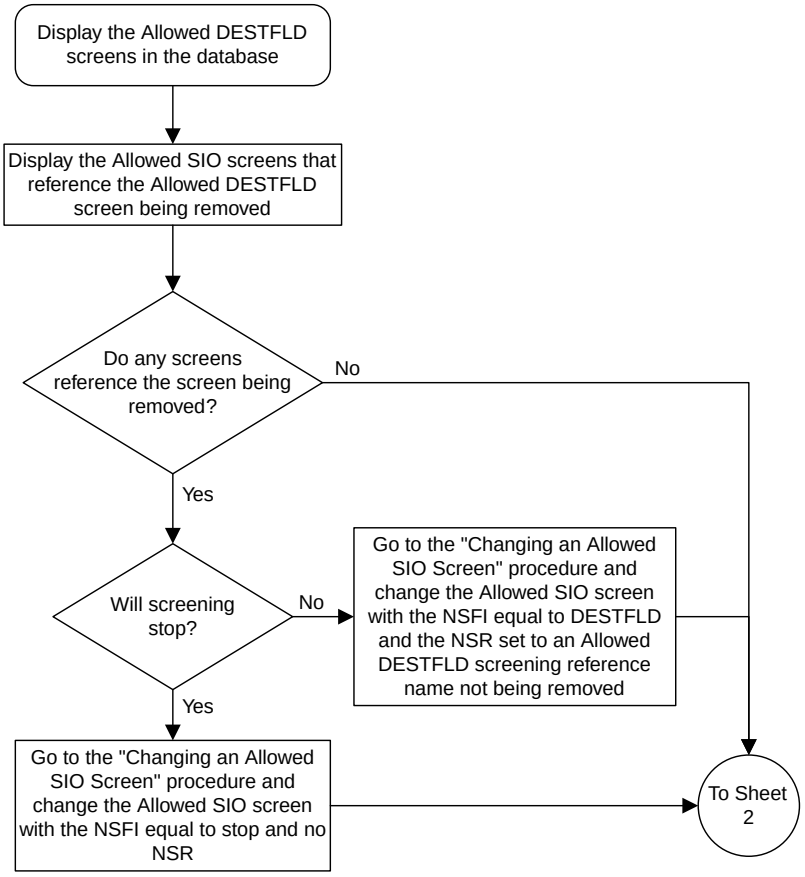
Figure 34: Adding an Allowed Affected Destination Screen from the SEAS Terminal

Removing an Allowed Affected Destination Field Screen

This procedure is used to remove an allowed affected destination screen to the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Affected Destination Field Screen" in the *Database Administration Manual* - Gateway Screening.

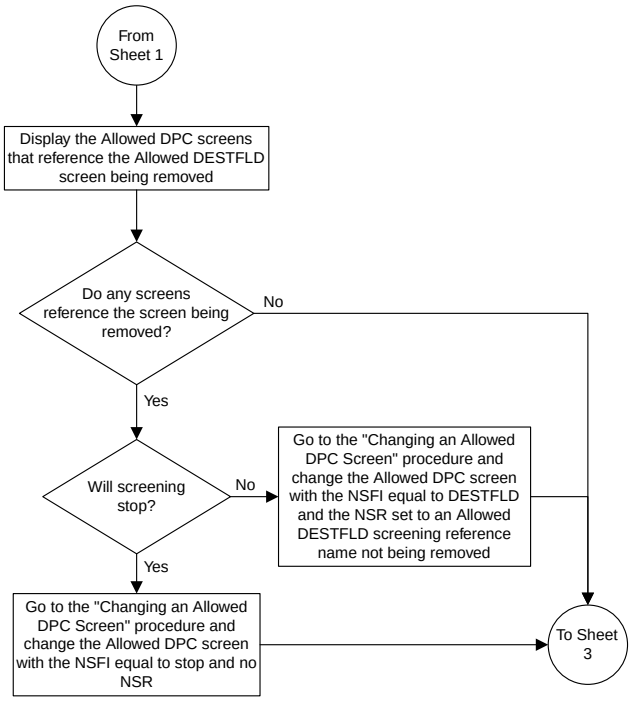
If any of the following items are used in removing the allowed affected destination screen from the database, perform the "Removing an Allowed Affected Destination Field Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed affected destination screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the screens referencing the allowed affected destination screen being removed.

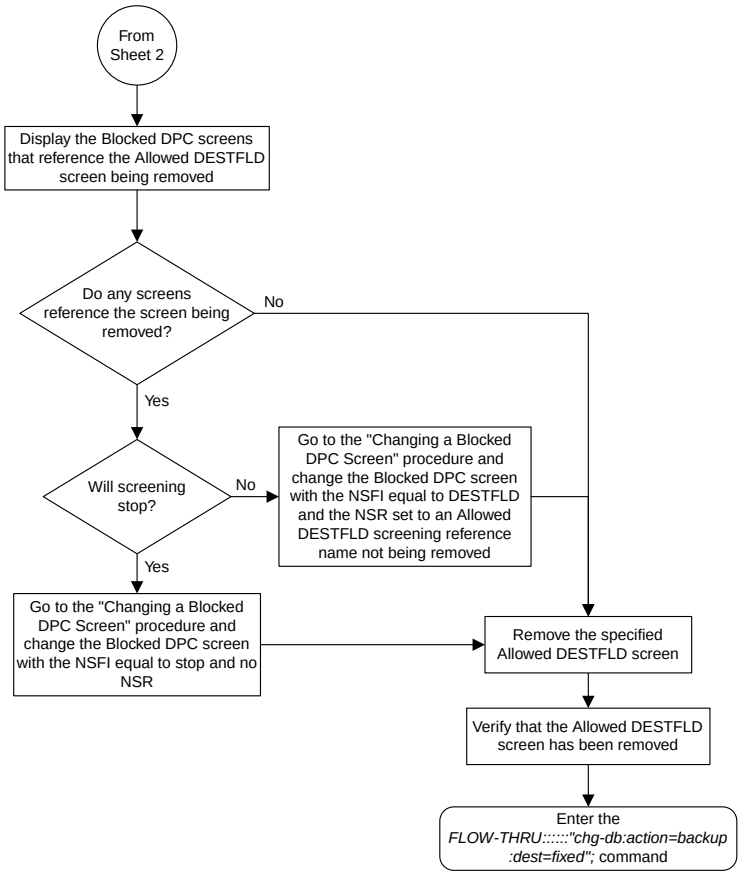


Sheet 1 of 3

Figure 35: Removing an Allowed Affected Destination Screen from the SEAS Terminal


From Sheet 1
Display the Allowed DPC screens that reference the Allowed DESTFLD screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed DPC Screen" procedure and change the Allowed DPC screen with the NSFI equal to DESTFLD and the NSR set to an Allowed DESTFLD screening reference name not being removed
Yes
Go to the "Changing an Allowed DPC Screen" procedure and change the Allowed DPC screen with the NSFI equal to stop and no NSR
To Sheet 3

Sheet 2 of 3



Sheet 3 of 3

Changing an Allowed Affected Destination Field Screen

This procedure is used to remove an allowed affected destination field screen to the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing an Allowed Affected Destination Field Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in changing the allowed affected destination field screen in the database, perform the "Changing an Allowed Affected Destination Field Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed affected destination field screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without

the pcst or npcst parameters), or 24-bit ITU-N point codes. The pcst and npcst parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the allowed affected destination field screen being changed.

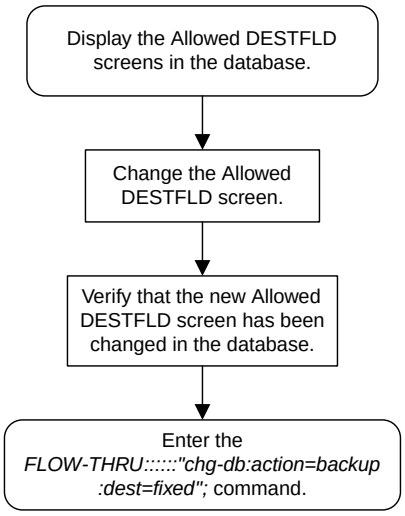


Figure 36: Changing an Allowed Affected Destination Screen from the SEAS Terminal

Adding a Blocked DPC Screen

This procedure is used to add a blocked destination point code screen to the database. This procedure uses the EAGLE 5 ISS commands rtrv-feat, chg-feat, and chg-db. For more information on this procedure, see "Adding a Blocked DPC Screen" in the *Database Administration Manual* - Gateway Screening.

Note: Once the gateway screening feature is turned on with the chg-feat command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the chg-feat command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the blocked destination point code screen to the database, perform the "Adding a Blocked DPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS FLOW-THRU command with the EAGLE 5 ISS commands:

- If the blocked destination point code screen being added to the database uses ITU-I point codes (with or without the pcst parameter), 14-bit ITU-N point codes (with or without the pcst parameter), or 24-bit ITU-N point codes. The pcst parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the blocked destination point code screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

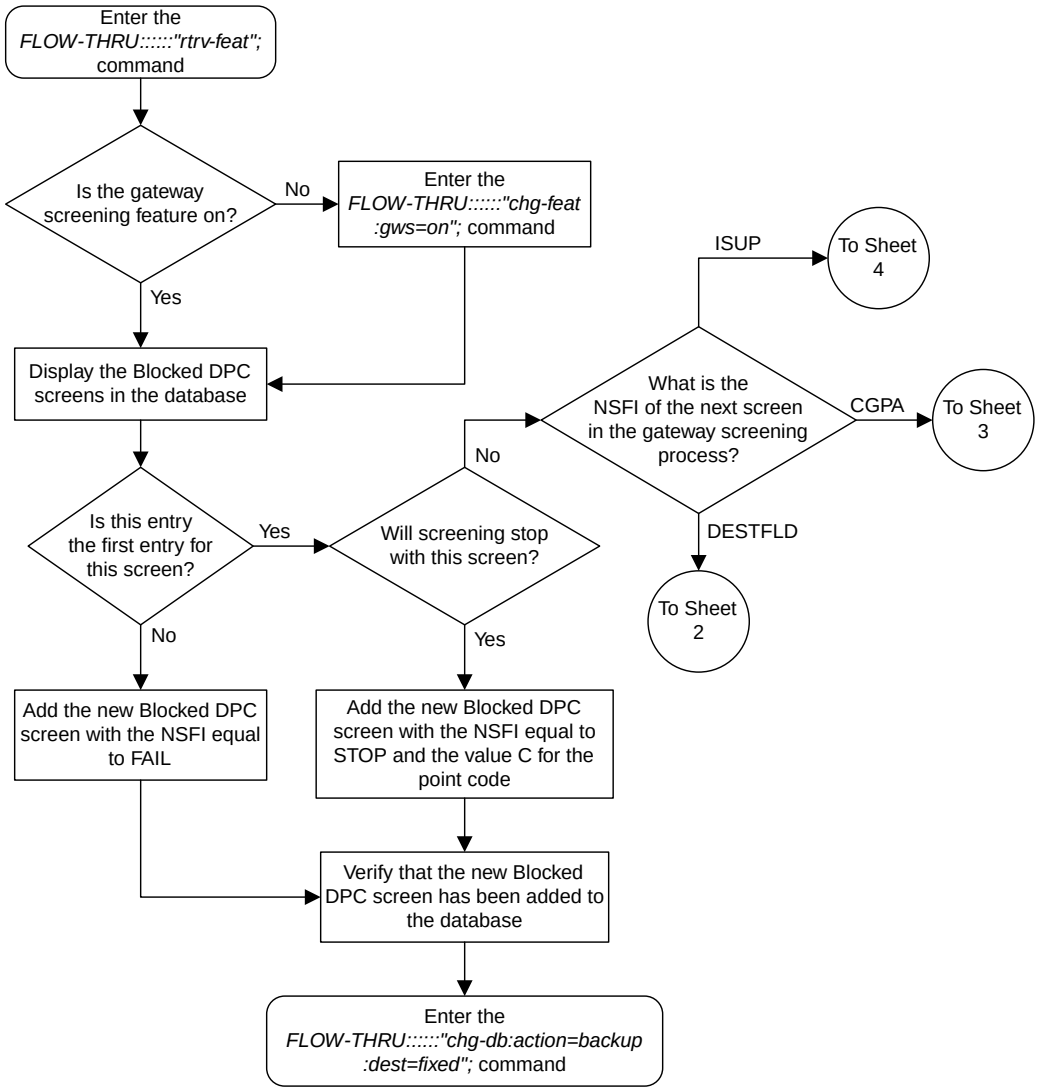


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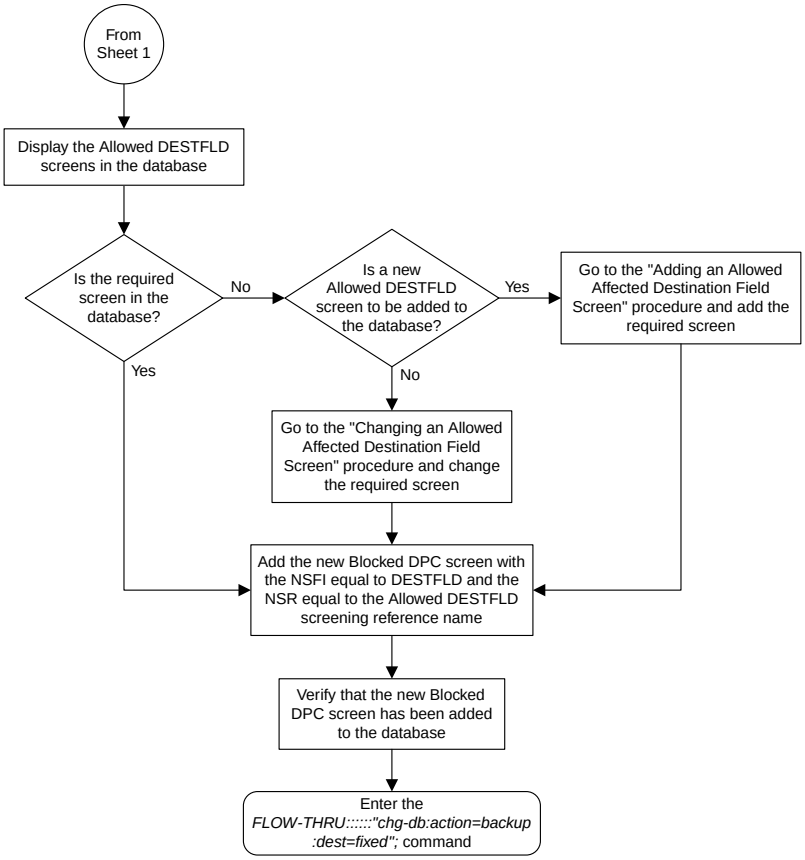
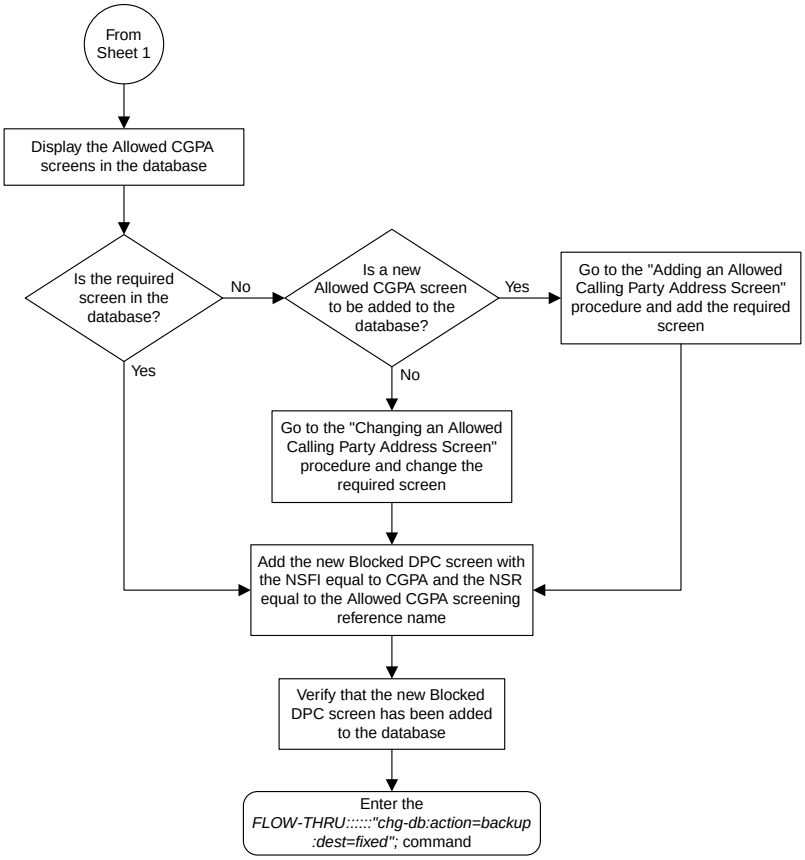
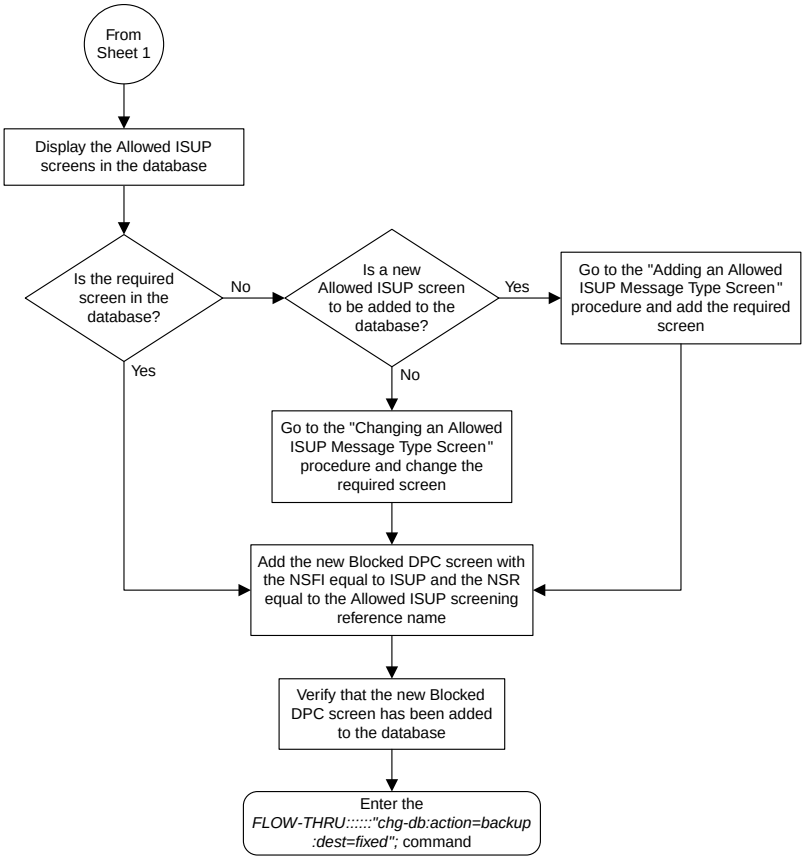
Figure 37: Adding a Blocked DPC Screen from the SEAS Terminal


From Sheet 1
Display the Allowed DESTFLD screens in the database
Is the required screen in the database?
No
Is a new Allowed DESTFLD screen to be added to the database?
Yes
Go to the "Adding an Allowed Affected Destination Field Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Affected Destination Field Screen" procedure and change the required screen
Add the new Blocked DPC screen with the NSFI equal to DESTFLD and the NSR equal to the Allowed DESTFLD screening reference name
Verify that the new Blocked DPC screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 2 of 4


From Sheet 1
Display the Allowed CGPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CGPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Calling Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the required screen
Add the new Blocked DPC screen with the NSFI equal to CGPA and the NSR equal to the Allowed CGPA screening reference name
Verify that the new Blocked DPC screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 3 of 4



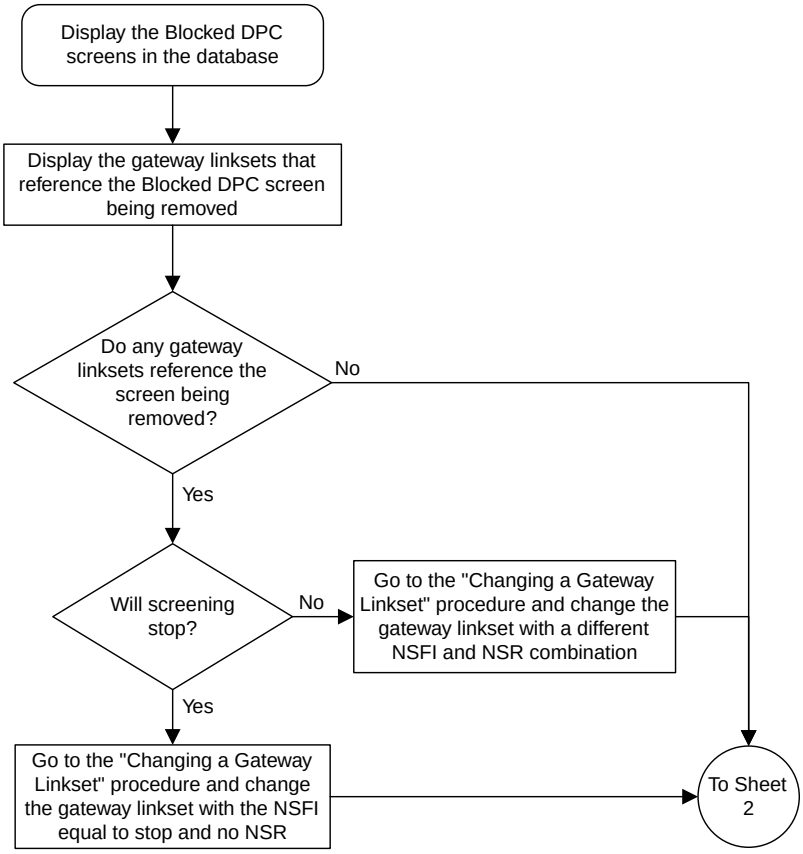
Sheet 4 of 4

Removing a Blocked DPC Screen

This procedure is used to remove a blocked destination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing a Blocked DPC Screen" in the *Database Administration Manual* - Gateway Screening.

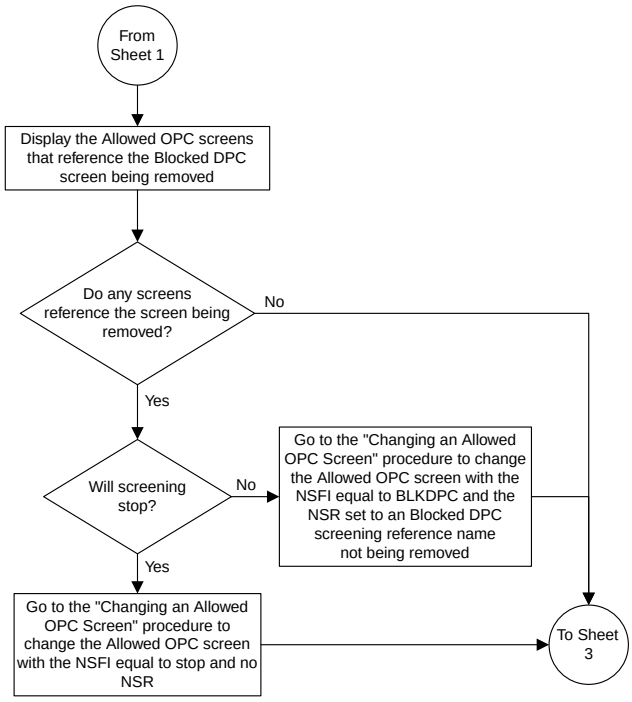
If any of the following items are used in removing the blocked destination point code screen from the database, perform the "Removing a Blocked DPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the blocked destination point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the screens referencing the blocked destination point code screen being removed.

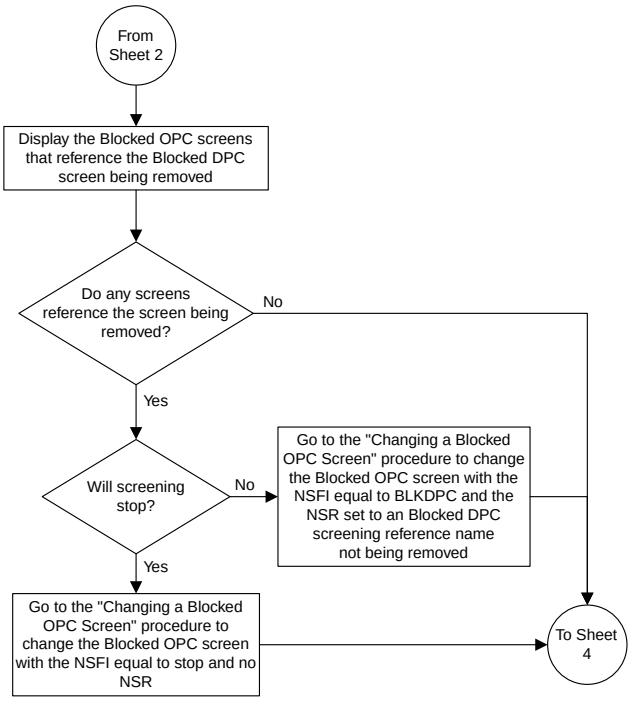


Sheet 1 of 5

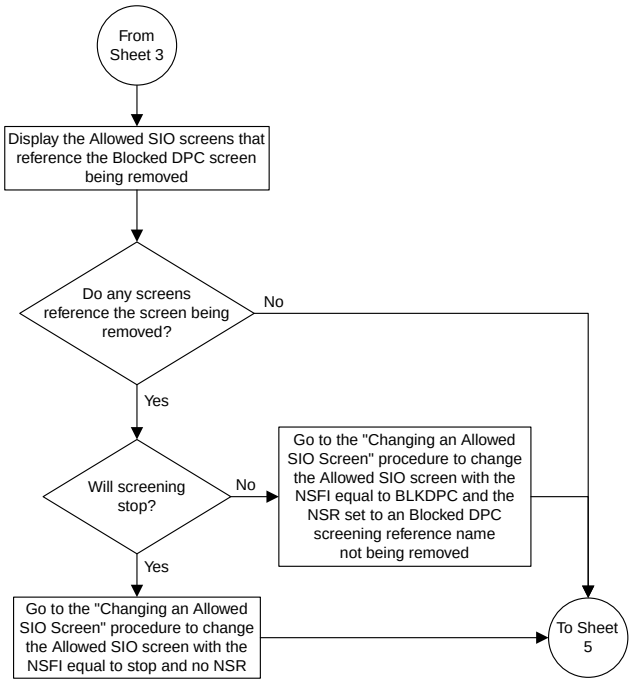
Figure 38: Removing a Blocked DPC Screen from the SEAS Terminal


From Sheet 1
Display the Allowed OPC screens that reference the Blocked DPC screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed OPC Screen" procedure to change the Allowed OPC screen with the NSFI equal to BLKDPC and the NSR set to an Blocked DPC screening reference name not being removed
Yes
Go to the "Changing an Allowed OPC Screen" procedure to change the Allowed OPC screen with the NSFI equal to stop and no NSR
To Sheet 3

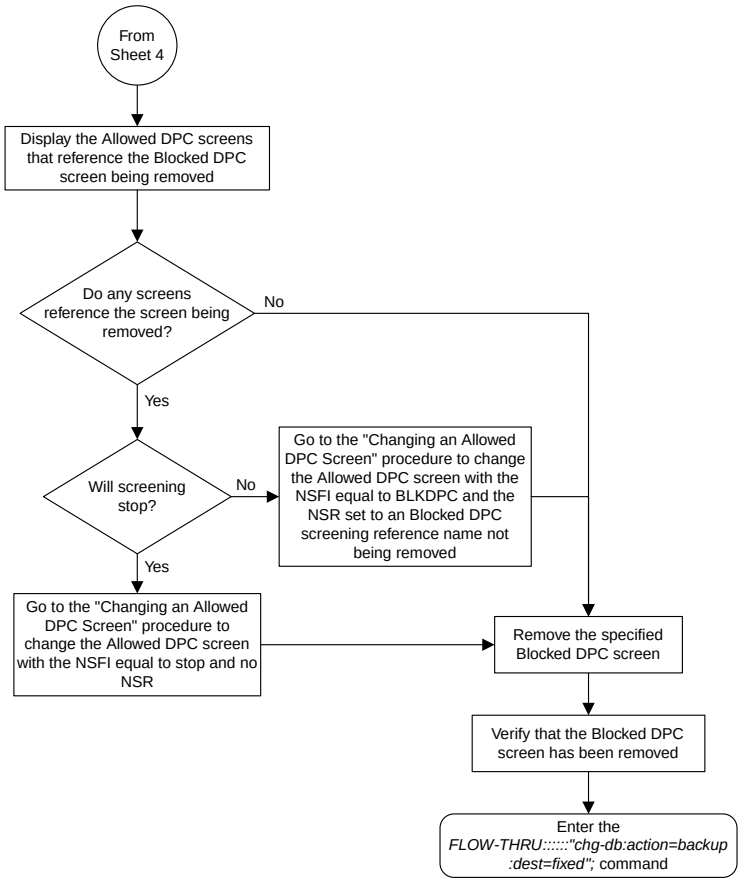
Sheet 2 of 5


From Sheet 2
Display the Blocked OPC screens that reference the Blocked DPC screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing a Blocked OPC Screen" procedure to change the Blocked OPC screen with the NSFI equal to BLKDPC and the NSR set to an Blocked DPC screening reference name not being removed
Yes
Go to the "Changing a Blocked OPC Screen" procedure to change the Blocked OPC screen with the NSFI equal to stop and no NSR
To Sheet 4

Sheet 3 of 5


From Sheet 3
Display the Allowed SIO screens that reference the Blocked DPC screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed SIO Screen" procedure to change the Allowed SIO screen with the NSFI equal to BLKDPC and the NSR set to an Blocked DPC screening reference name not being removed
Yes
Go to the "Changing an Allowed SIO Screen" procedure to change the Allowed SIO screen with the NSFI equal to stop and no NSR
To Sheet 5

Sheet 4 of 5



Sheet 5 of 5

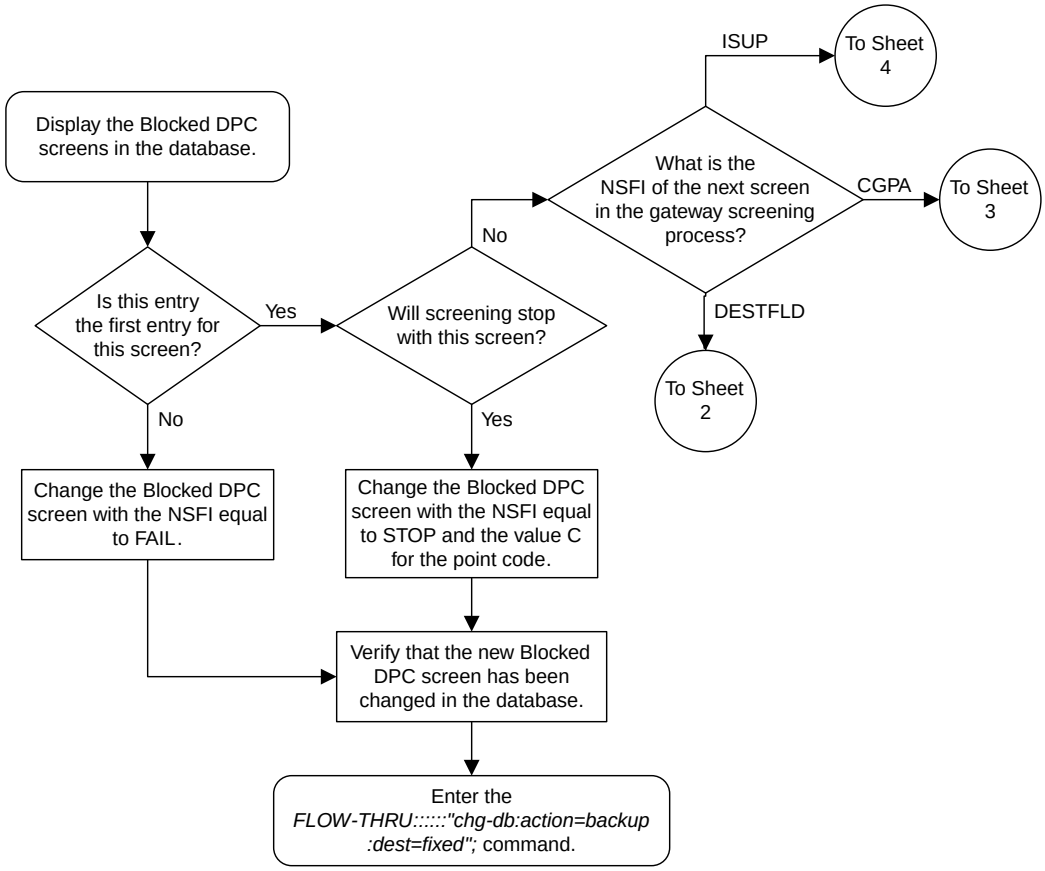
Changing a Blocked DPC Screen

This procedure is used to change a blocked destination point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing a Blocked DPC Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in changing the blocked destination point code screen in the database, perform the "Changing a Blocked DPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

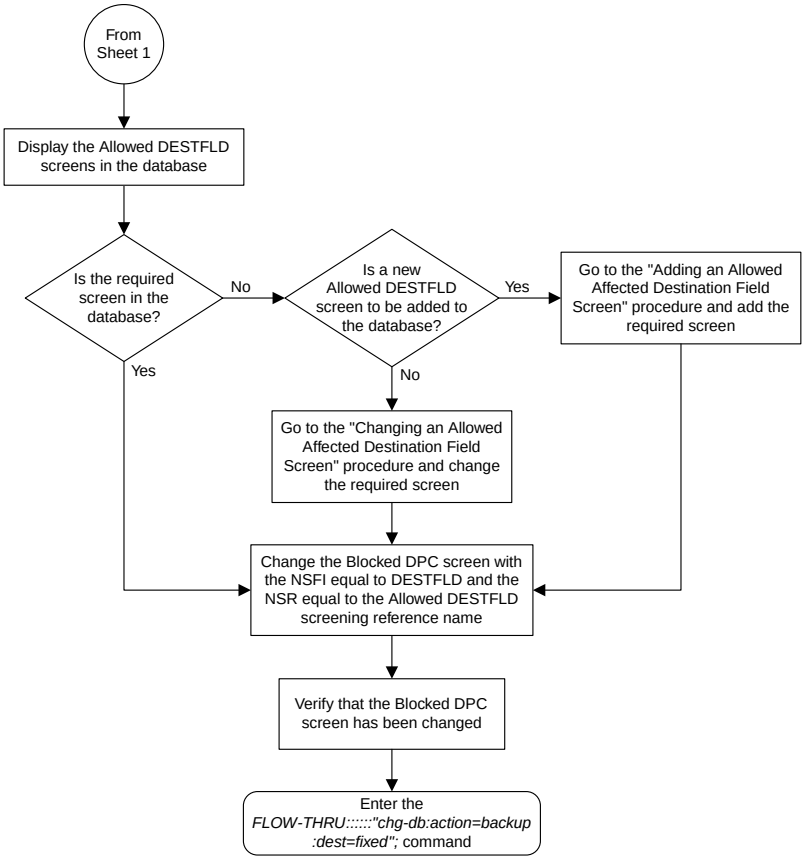
- If the blocked destination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst` parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the blocked destination point code screen being changed.

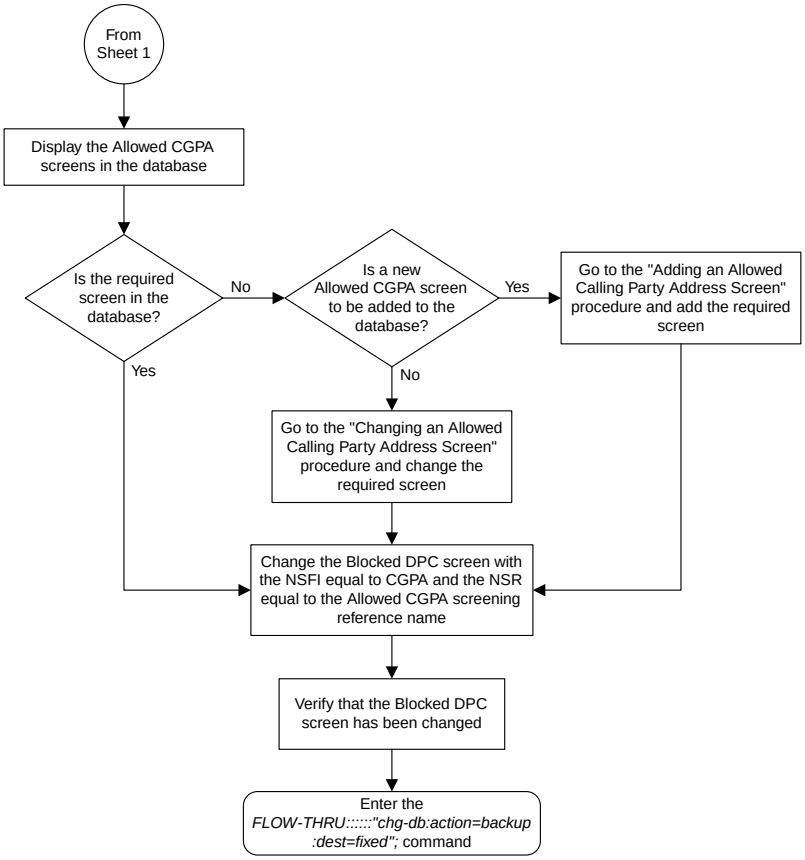


Sheet 1 of 4

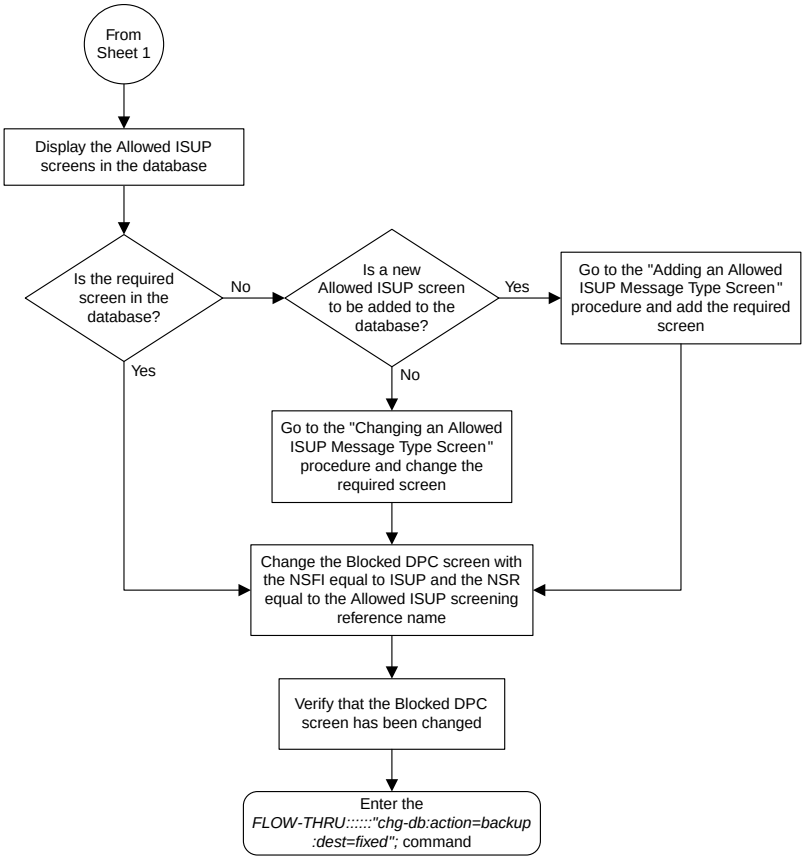
Figure 39: Changing a Blocked DPC Screen from the SEAS Terminal


From Sheet 1
Display the Allowed DESTFLD screens in the database
Is the required screen in the database?
No
Is a new Allowed DESTFLD screen to be added to the database?
Yes
Go to the "Adding an Allowed Affected Destination Field Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Affected Destination Field Screen" procedure and change the required screen
Change the Blocked DPC screen with the NSFI equal to DESTFLD and the NSR equal to the Allowed DESTFLD screening reference name
Verify that the Blocked DPC screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 2 of 4


From Sheet 1
Display the Allowed CGPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CGPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Calling Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the required screen
Change the Blocked DPC screen with the NSFI equal to CGPA and the NSR equal to the Allowed CGPA screening reference name
Verify that the Blocked DPC screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 3 of 4



Sheet 4 of 4

Adding an Allowed DPC Screen

This procedure is used to add an allowed destination point code screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed DPC Screen" in the *Database Administration Manual* - Gateway Screening.

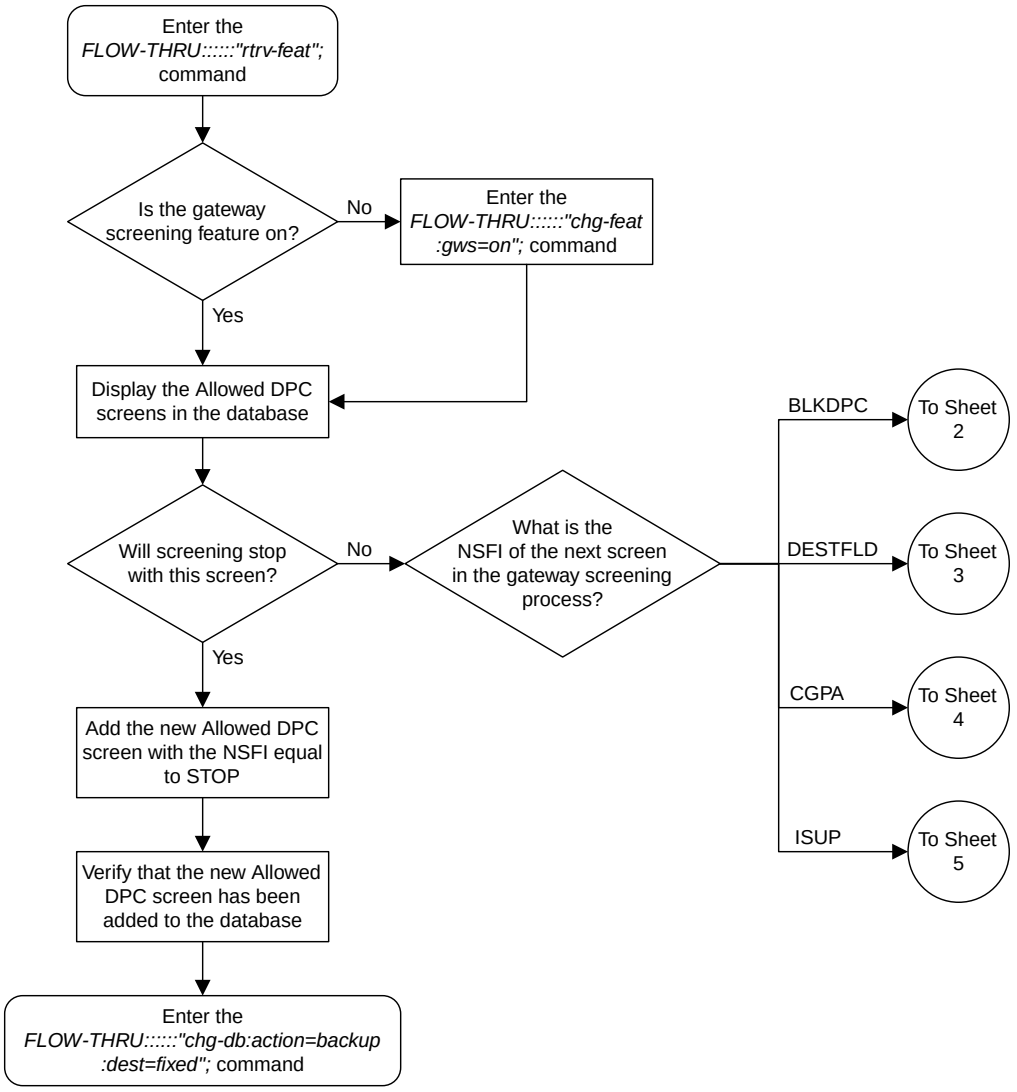
Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the allowed destination point code screen to the database, perform the "Adding an Allowed DPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

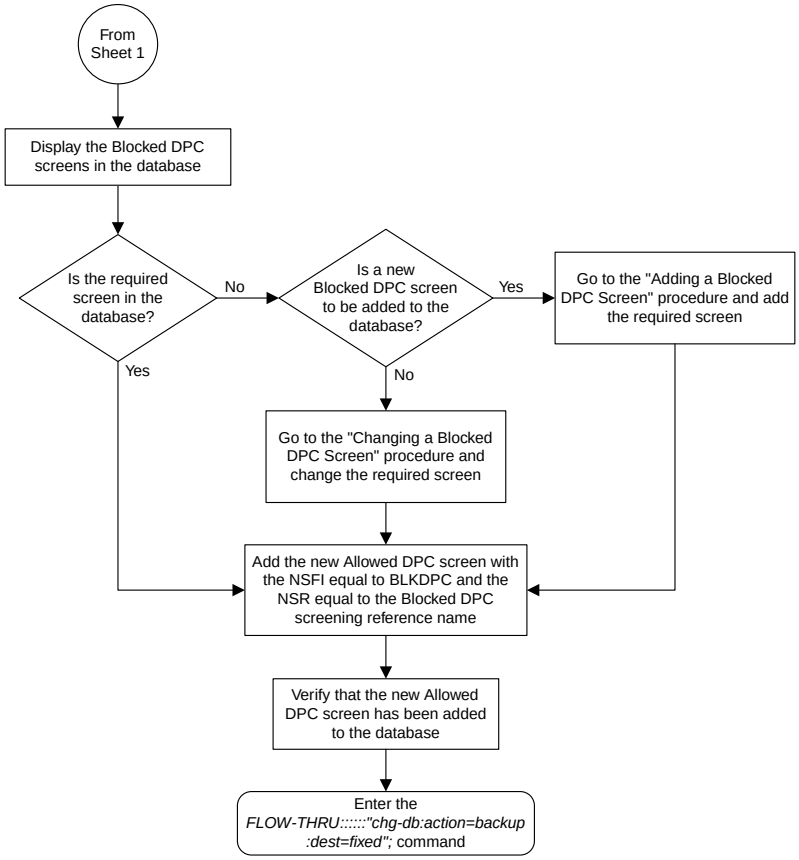
- If the allowed destination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed destination point code screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

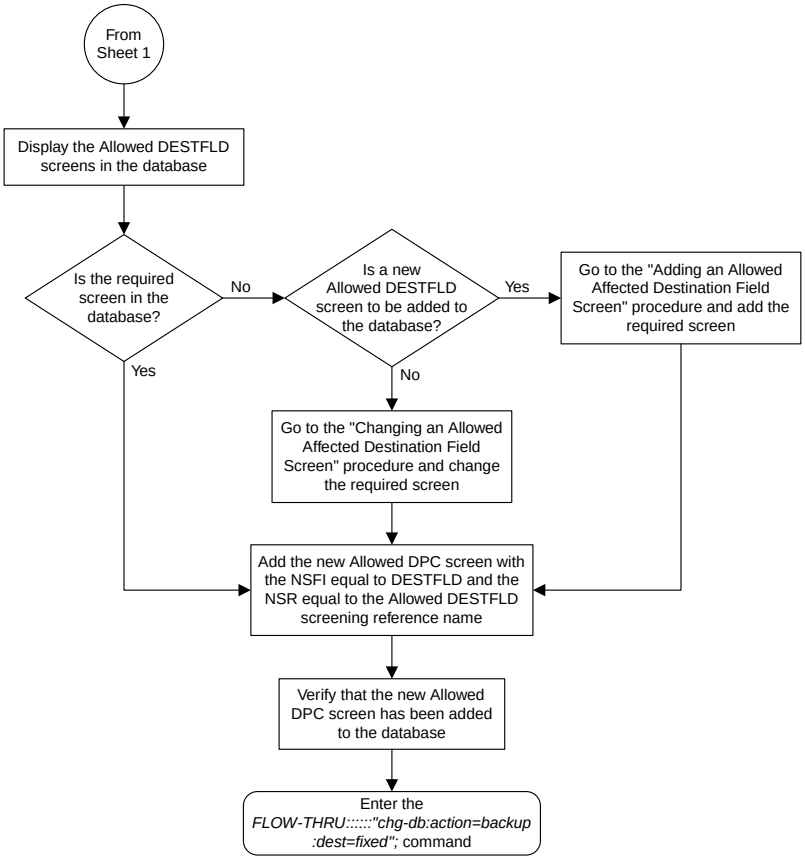


Sheet 1 of 5

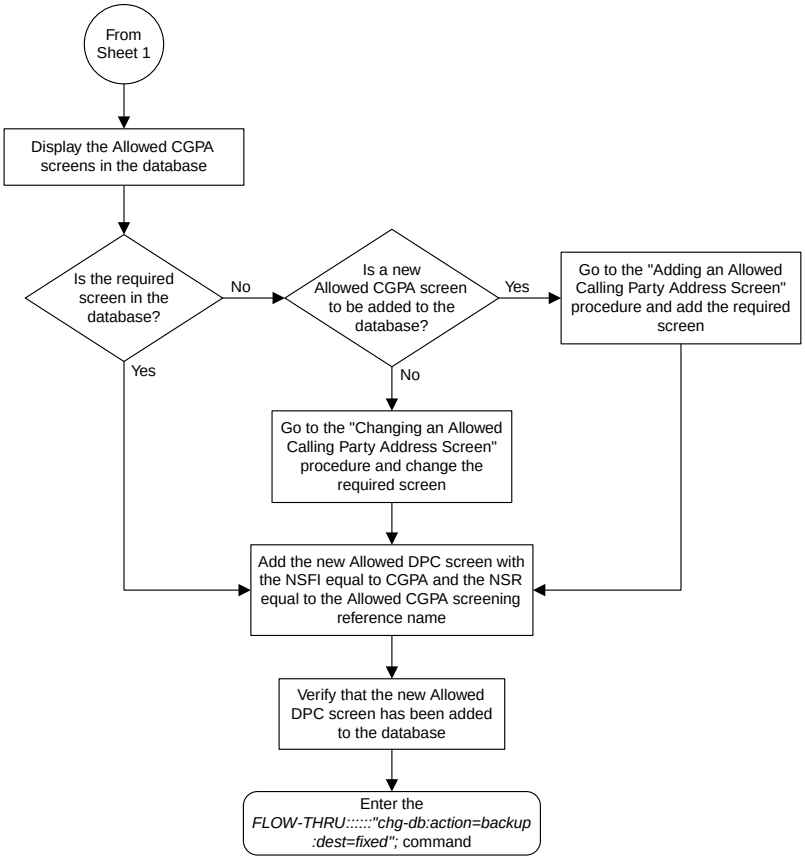
Figure 40: Adding an Allowed DPC Screen from the SEAS Terminal


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Add the new Allowed DPC screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the new Allowed DPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

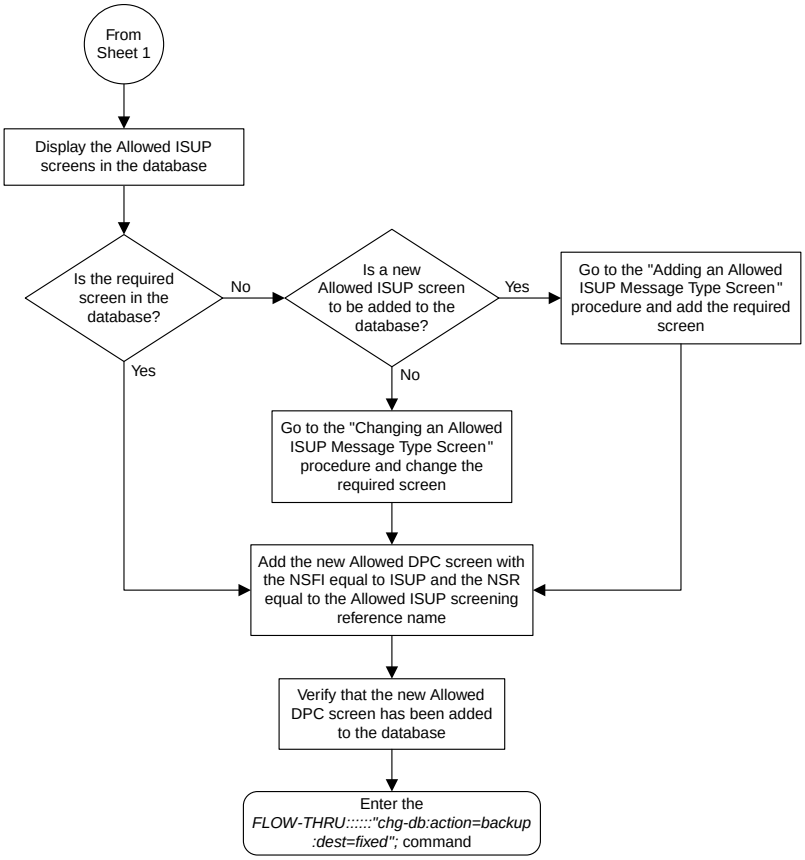
Sheet 2 of 5


From Sheet 1
Display the Allowed DESTFLD screens in the database
Is the required screen in the database?
No
Is a new Allowed DESTFLD screen to be added to the database?
Yes
Go to the "Adding an Allowed Affected Destination Field Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Affected Destination Field Screen" procedure and change the required screen
Add the new Allowed DPC screen with the NSFI equal to DESTFLD and the NSR equal to the Allowed DESTFLD screening reference name
Verify that the new Allowed DPC screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 3 of 5


From Sheet 1
Display the Allowed CGPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CGPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Calling Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the required screen
Add the new Allowed DPC screen with the NSFI equal to CGPA and the NSR equal to the Allowed CGPA screening reference name
Verify that the new Allowed DPC screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 5



Sheet 5 of 5

Removing an Allowed DPC Screen

This procedure is used to remove an allowed destination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed DPC Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in removing the allowed destination point code screen from the database, perform the "Removing an Allowed DPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed destination point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the screens referencing the allowed destination point code screen being removed.

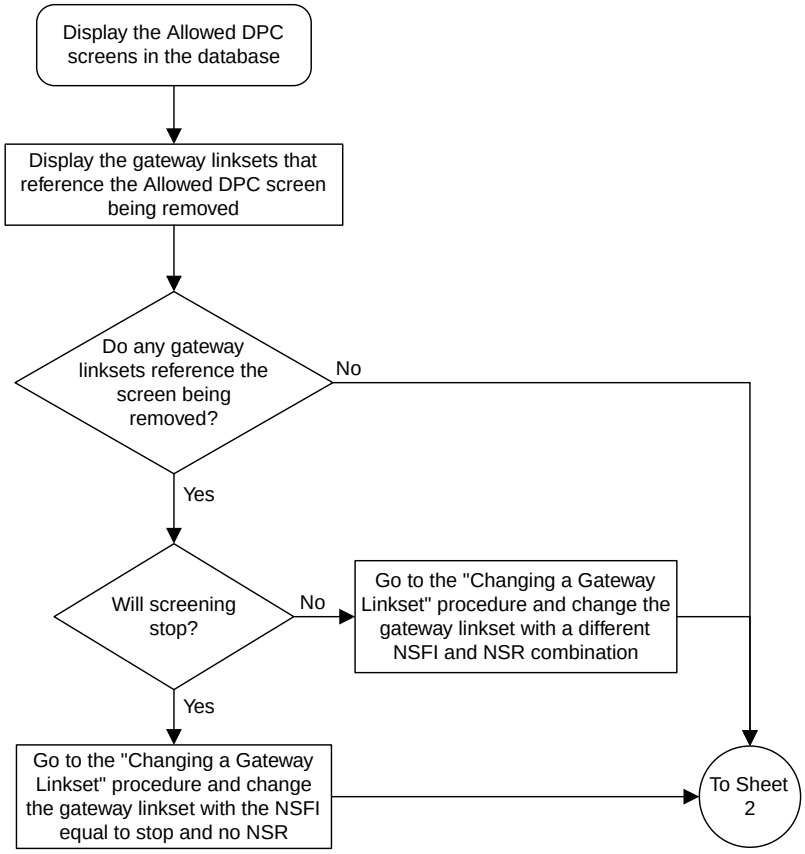


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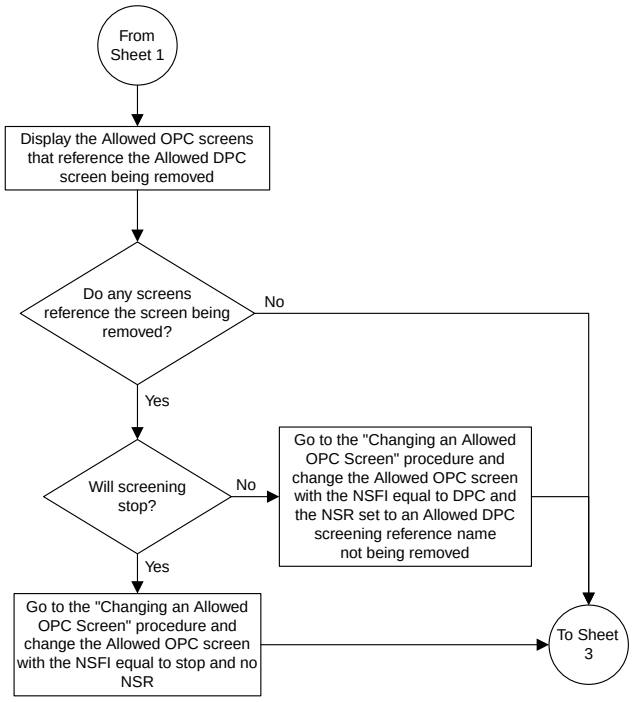
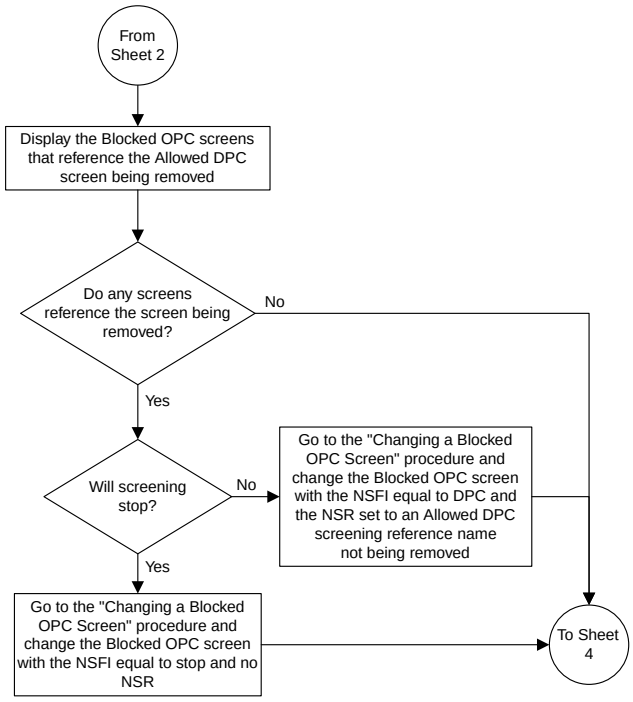
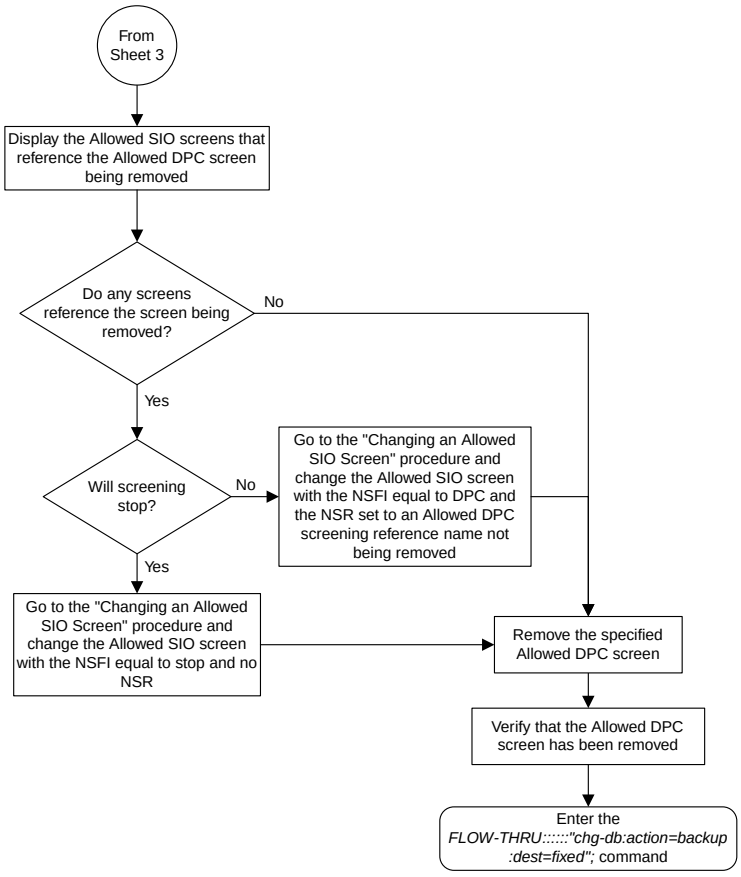
Figure 41: Removing an Allowed DPC Screen from the SEAS Terminal


From Sheet 1
Display the Allowed OPC screens that reference the Allowed DPC screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed OPC Screen" procedure and change the Allowed OPC screen with the NSFI equal to DPC and the NSR set to an Allowed DPC screening reference name not being removed
Yes
Go to the "Changing an Allowed OPC Screen" procedure and change the Allowed OPC screen with the NSFI equal to stop and no NSR
To Sheet 3

Sheet 2 of 4


From Sheet 2
Display the Blocked OPC screens that reference the Allowed DPC screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing a Blocked OPC Screen" procedure and change the Blocked OPC screen with the NSFI equal to DPC and the NSR set to an Allowed DPC screening reference name not being removed
Yes
Go to the "Changing a Blocked OPC Screen" procedure and change the Blocked OPC screen with the NSFI equal to stop and no NSR
To Sheet 4

Sheet 3 of 4



Sheet 4 of 4

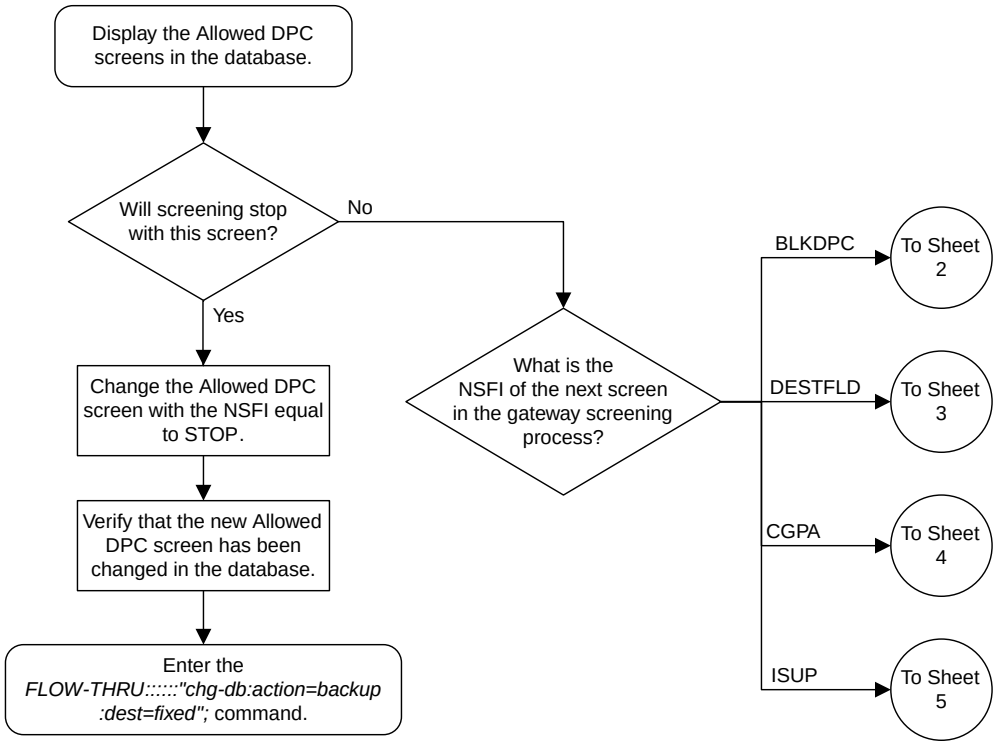
Changing an Allowed DPC Screen

This procedure is used to change an allowed destination point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing an Allowed DPC Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in changing the allowed destination point code screen in the database, perform the "Changing an Allowed DPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

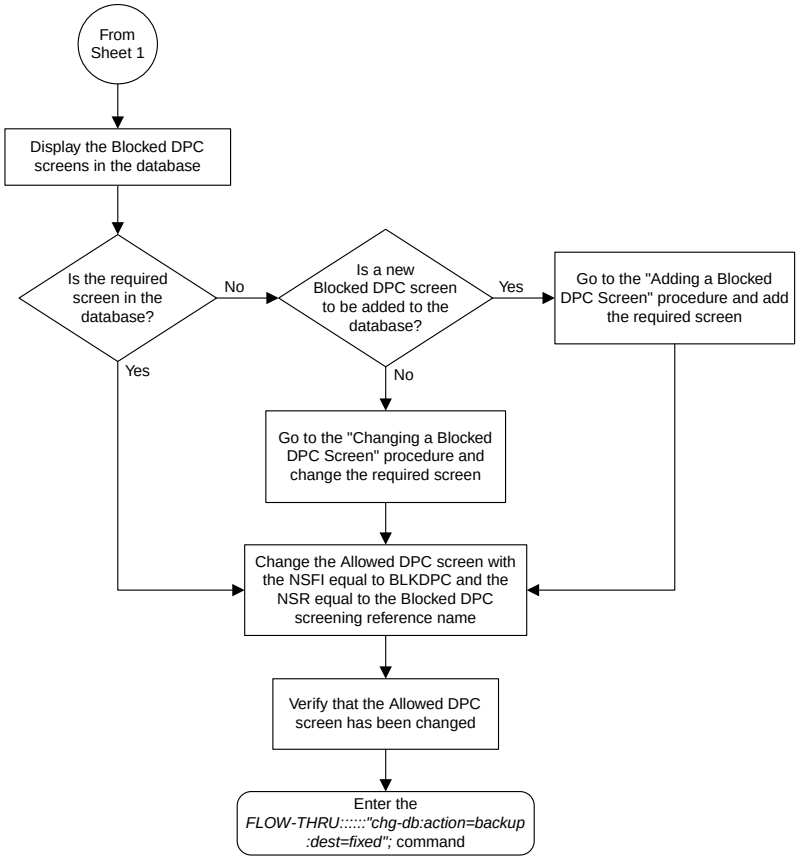
- If the allowed destination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst` parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the allowed destination point code screen being changed.

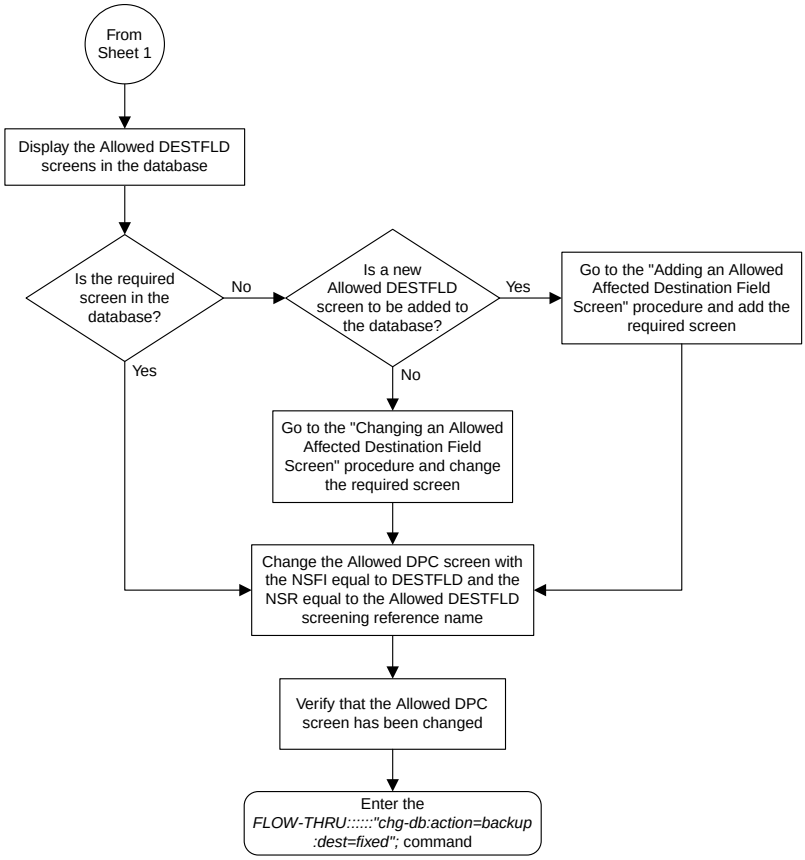


Sheet 1 of 5

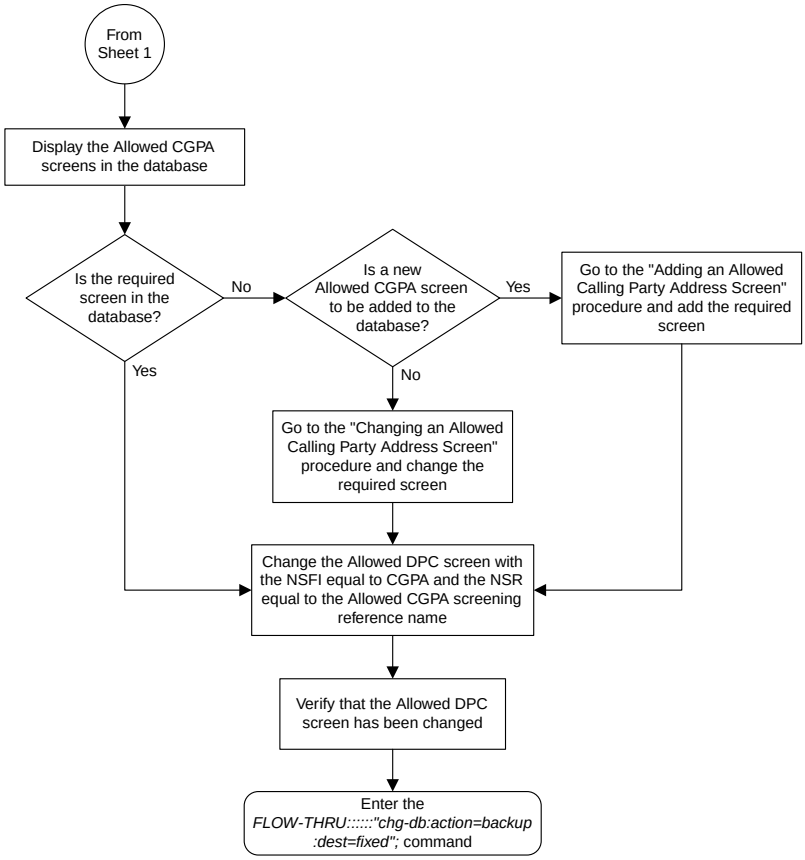
Figure 42: Changing an Allowed DPC Screen from the SEAS Terminal


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Change the Allowed DPC screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the Allowed DPC screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

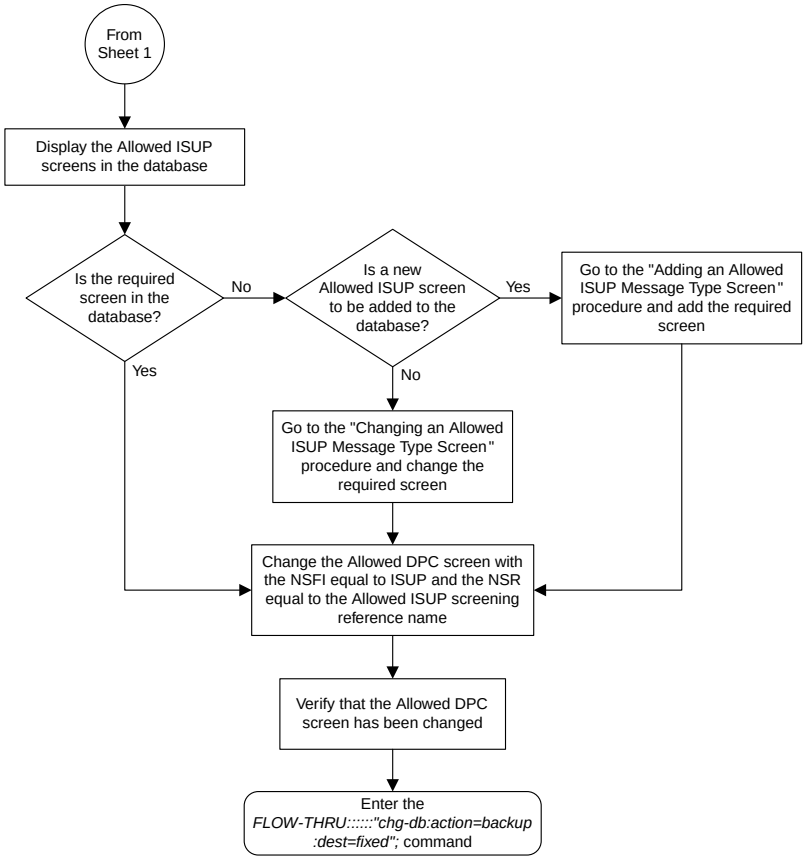
Sheet 2 of 5


From Sheet 1
Display the Allowed DESTFLD screens in the database
Is the required screen in the database?
No
Is a new Allowed DESTFLD screen to be added to the database?
Yes
Go to the "Adding an Allowed Affected Destination Field Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Affected Destination Field Screen" procedure and change the required screen
Change the Allowed DPC screen with the NSFI equal to DESTFLD and the NSR equal to the Allowed DESTFLD screening reference name
Verify that the Allowed DPC screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 3 of 5


From Sheet 1
Display the Allowed CGPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CGPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Calling Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the required screen
Change the Allowed DPC screen with the NSFI equal to CGPA and the NSR equal to the Allowed CGPA screening reference name
Verify that the Allowed DPC screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 5



Sheet 5 of 5

Adding an Allowed SIO Screen

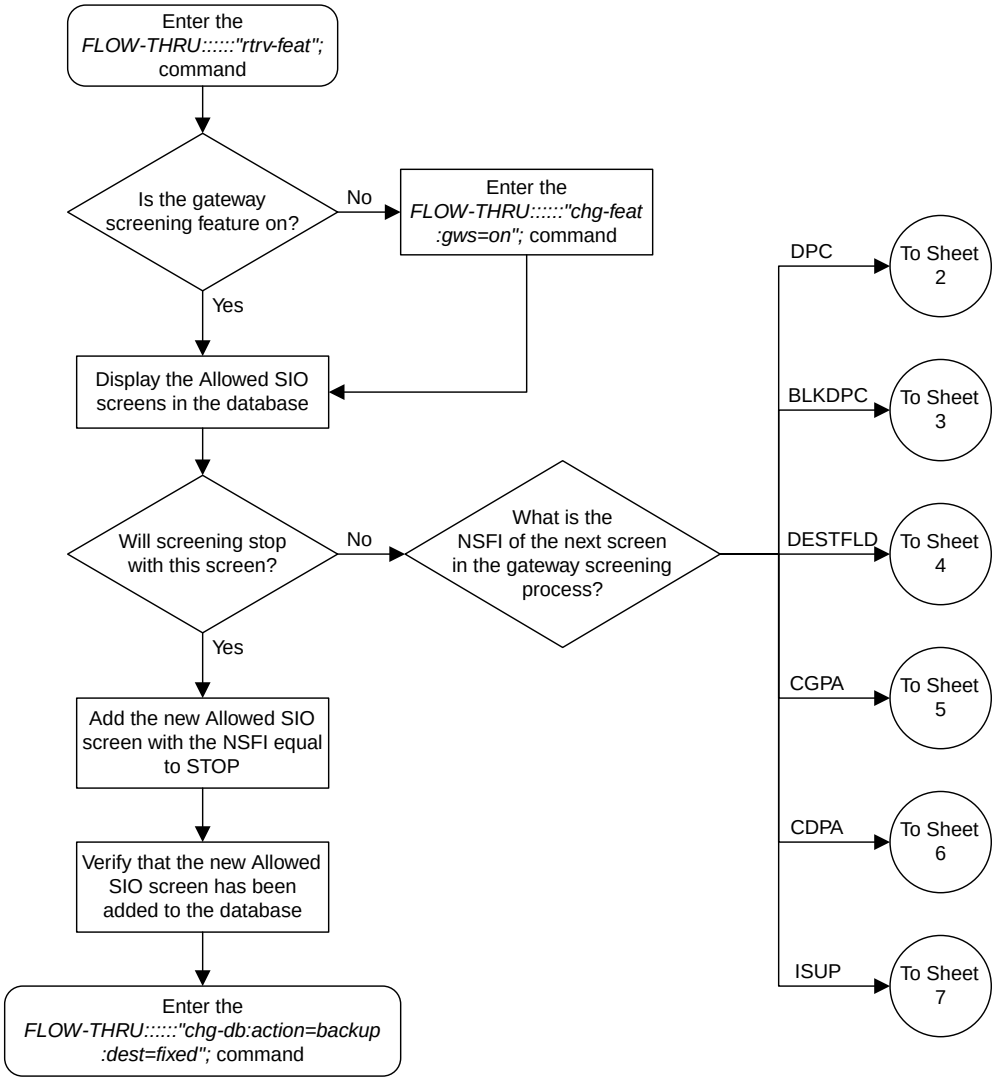
This procedure is used to add an allowed SIO screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed SIO Screen" in the *Database Administration Manual* - Gateway Screening.

Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

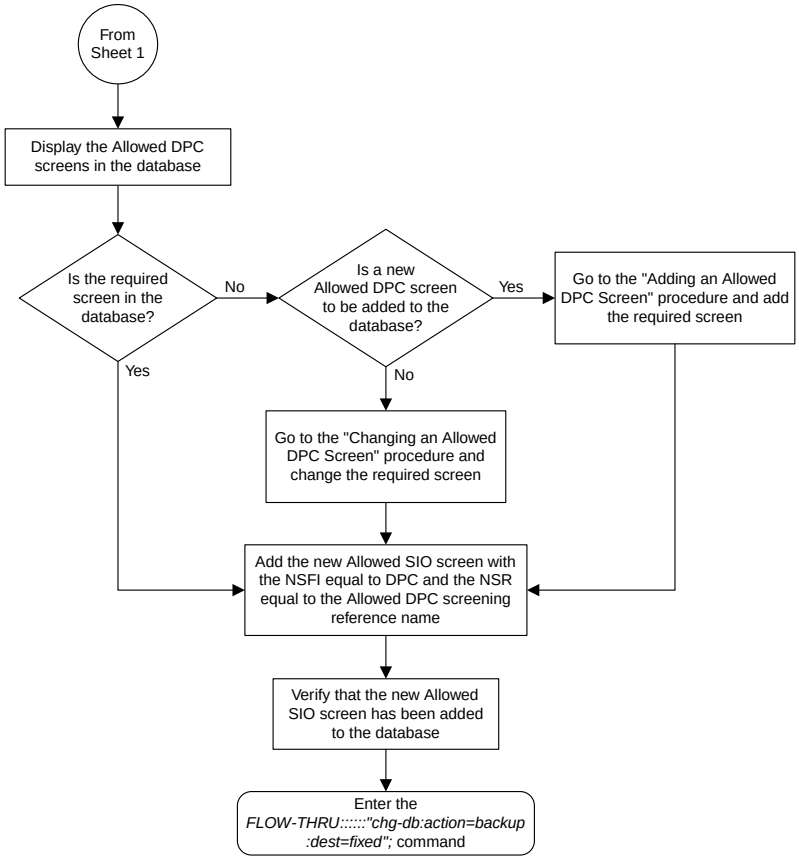
If gateway screening stop action sets are to be assigned to the allowed SIO screen being added to the database, perform the "Adding an Allowed SIO Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

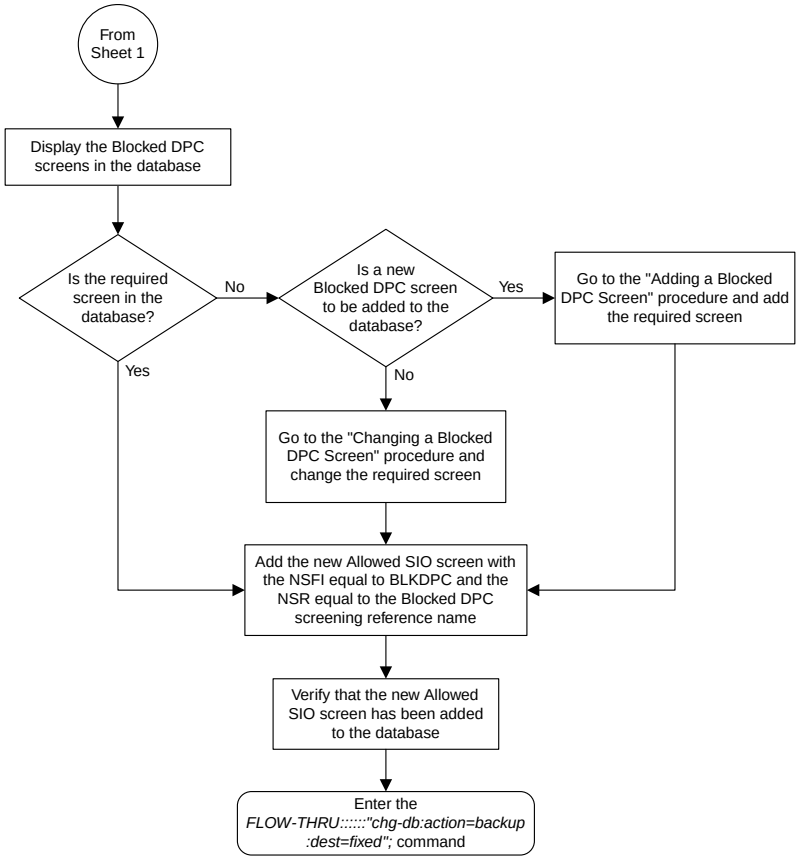


Sheet 1 of 7

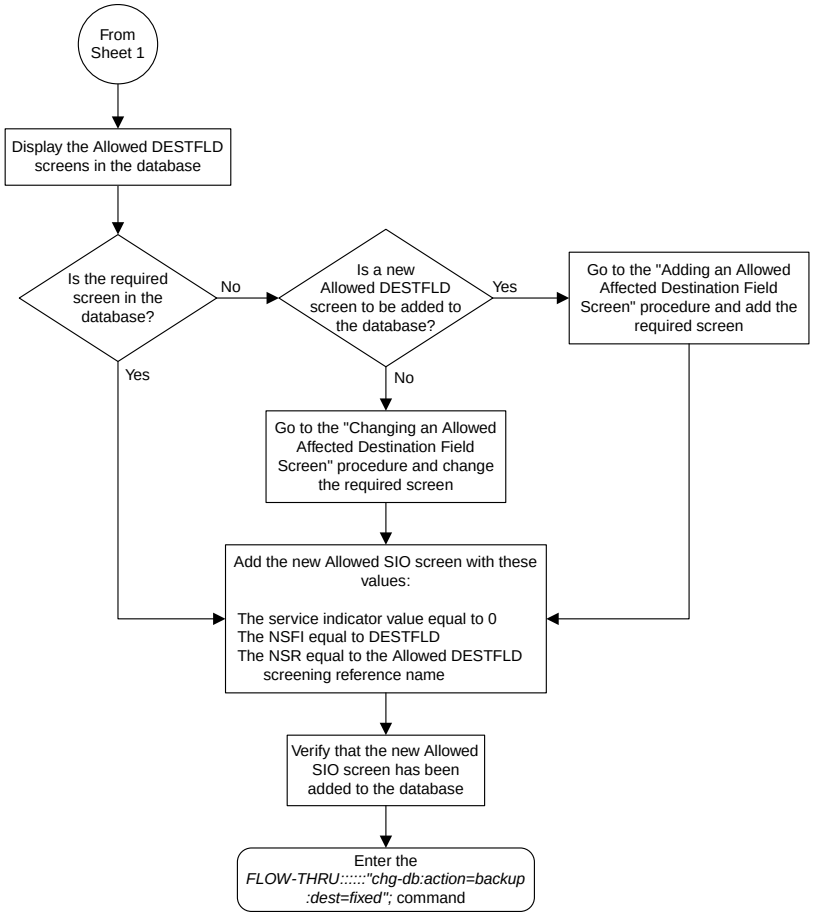
Figure 43: Adding an Allowed SIO Screen from the SEAS Terminal


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database?
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen" procedure and change the required screen
Add the new Allowed SIO screen with the NSFI equal to DPC and the NSR equal to the Allowed DPC screening reference name
Verify that the new Allowed SIO screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

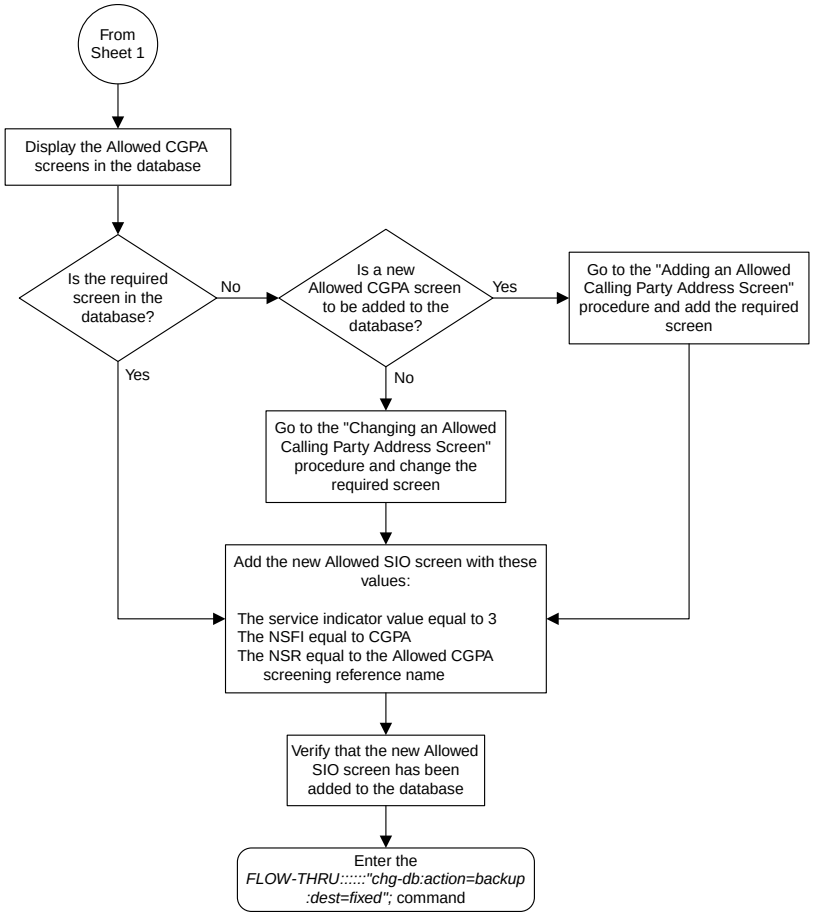
Sheet 2 of 7


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Add the new Allowed SIO screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the new Allowed SIO screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

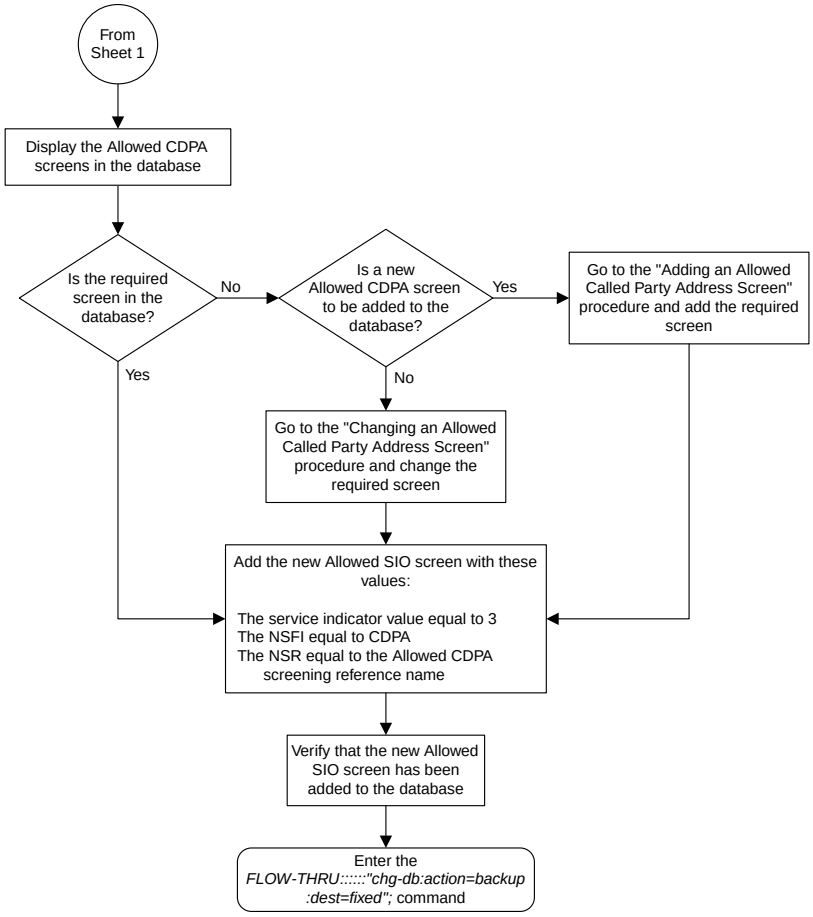
Sheet 3 of 7


From Sheet 1
Display the Allowed DESTFLD screens in the database
Is the required screen in the database?
No
Is a new Allowed DESTFLD screen to be added to the database?
Yes
Go to the "Adding an Allowed Affected Destination Field Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Affected Destination Field Screen" procedure and change the required screen
Add the new Allowed SIO screen with these values:
The service indicator value equal to 0
The NSFI equal to DESTFLD
The NSR equal to the Allowed DESTFLD screening reference name
Verify that the new Allowed SIO screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

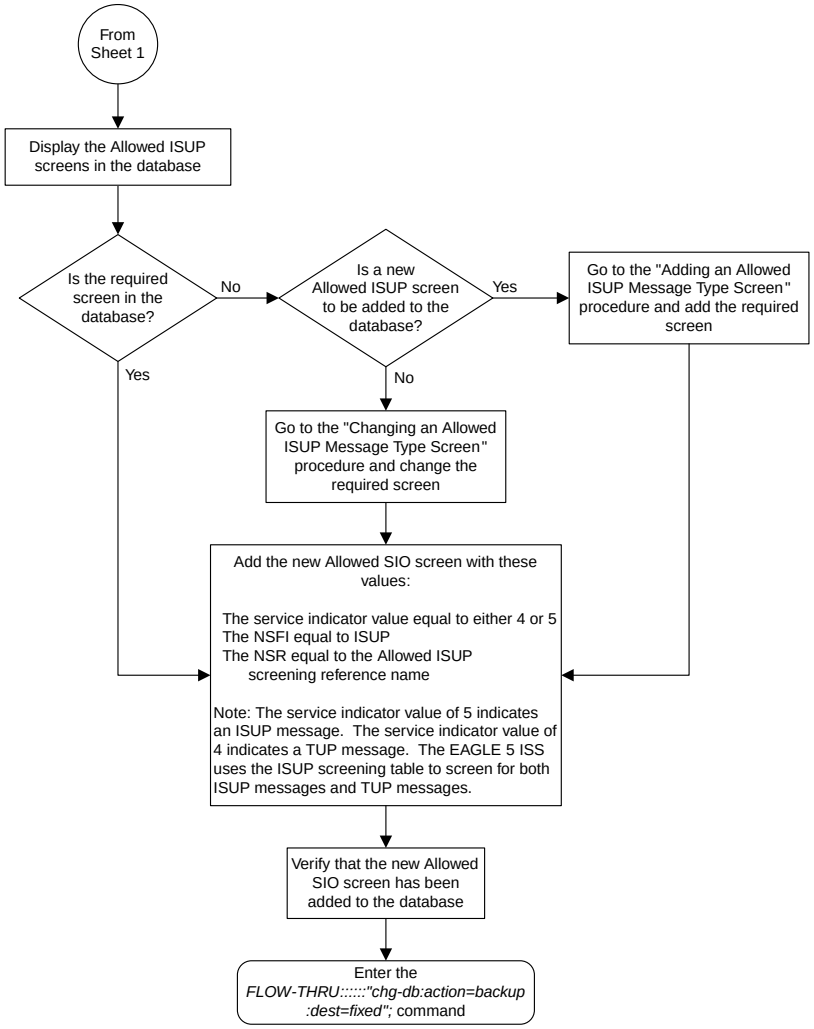
Sheet 4 of 7


From Sheet 1
Display the Allowed CGPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CGPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Calling Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the required screen
Add the new Allowed SIO screen with these values:
The service indicator value equal to 3
The NSFI equal to CGPA
The NSR equal to the Allowed CGPA screening reference name
Verify that the new Allowed SIO screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 5 of 7


From Sheet 1
Display the Allowed CDPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CDPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Called Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Called Party Address Screen" procedure and change the required screen
Add the new Allowed SIO screen with these values:
The service indicator value equal to 3
The NSFI equal to CDPA
The NSR equal to the Allowed CDPA screening reference name
Verify that the new Allowed SIO screen has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 6 of 7

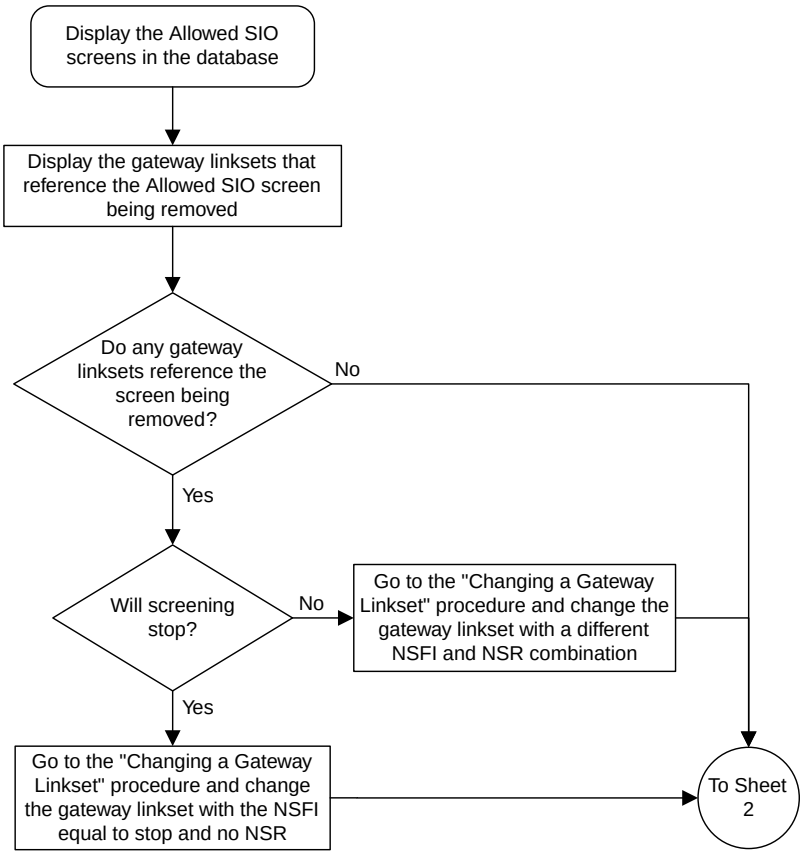


Sheet 7 of 7

Removing an Allowed SIO Screen

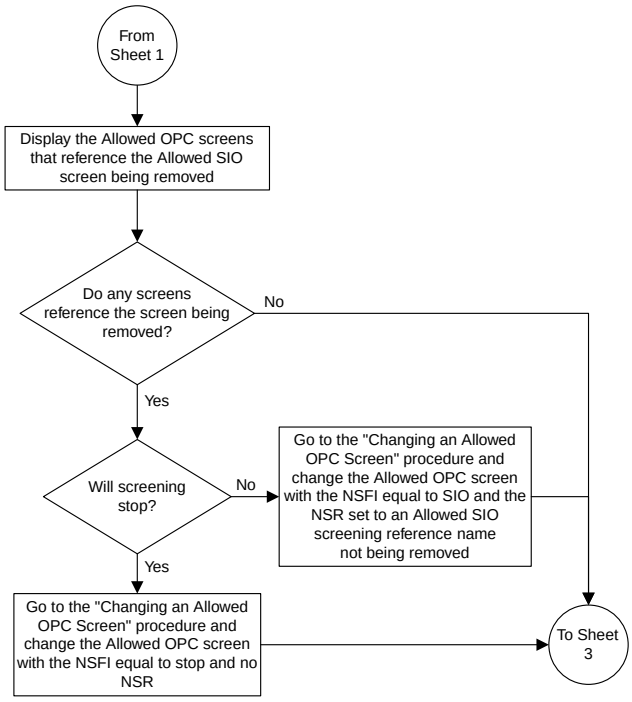
This procedure is used to remove an allowed SIO screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed SIO Screen" in the *Database Administration Manual* - Gateway Screening.

If gateway screening stop action sets are assigned to the screens referencing the allowed SIO screen being removed from the database, perform the "Removing an Allowed SIO Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

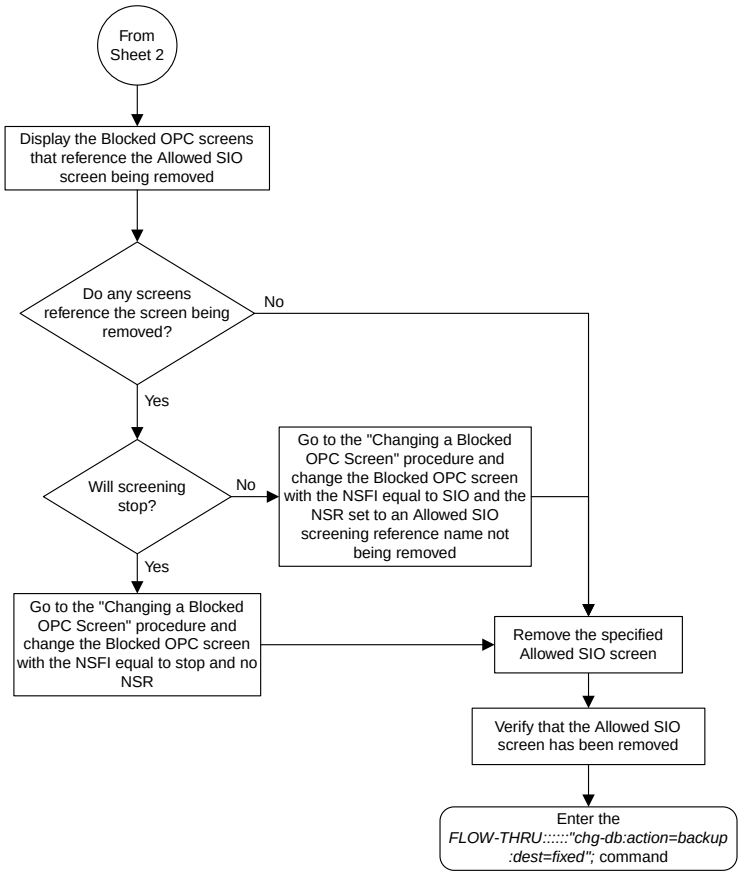


Sheet 1 of 3

Figure 44: Removing an Allowed SIO Screen from the SEAS Terminal


From Sheet 1
Display the Allowed OPC screens that reference the Allowed SIO screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed OPC Screen" procedure and change the Allowed OPC screen with the NSFI equal to SIO and the NSR set to an Allowed SIO screening reference name not being removed
Yes
Go to the "Changing an Allowed OPC Screen" procedure and change the Allowed OPC screen with the NSFI equal to stop and no NSR
To Sheet 3

Sheet 2 of 3

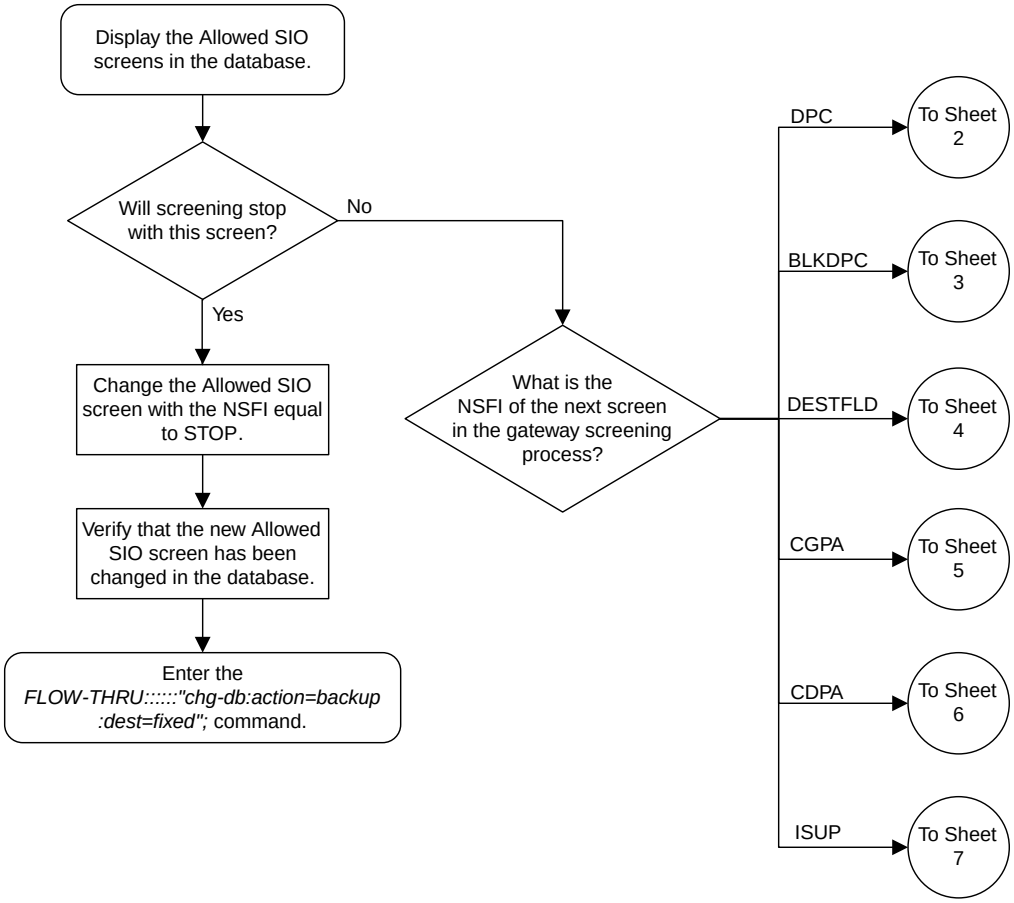


Sheet 3 of 3

Changing an Allowed SIO Screen

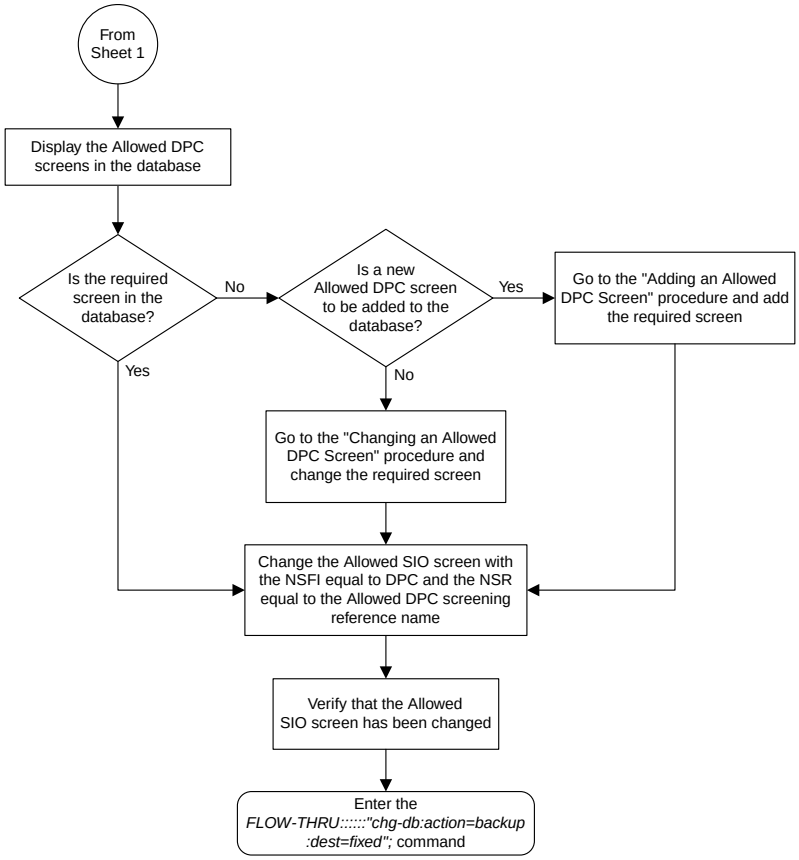
This procedure is used to change an allowed SIO screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing an Allowed SIO Screen" in the *Database Administration Manual* - Gateway Screening.

If gateway screening stop action sets are to be assigned to the allowed SIO screen being changed in the database, perform the "Changing an Allowed SIO Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

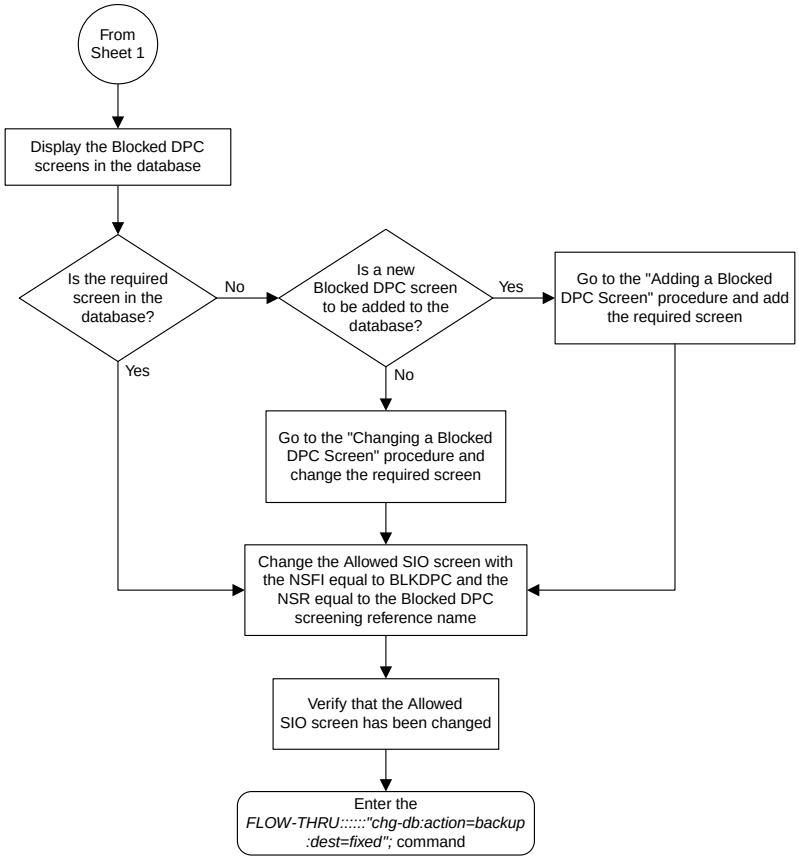


Sheet 1 of 7

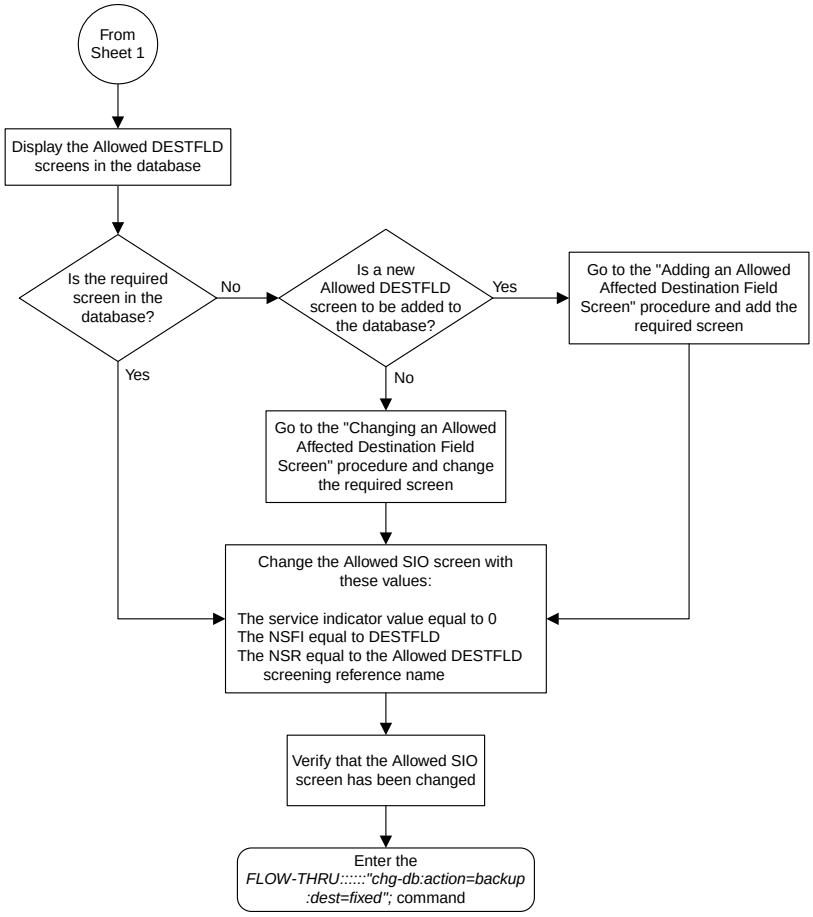
Figure 45: Changing an Allowed SIO Screen from the SEAS Terminal


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database?
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen" procedure and change the required screen
Change the Allowed SIO screen with the NSFI equal to DPC and the NSR equal to the Allowed DPC screening reference name
Verify that the Allowed SIO screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

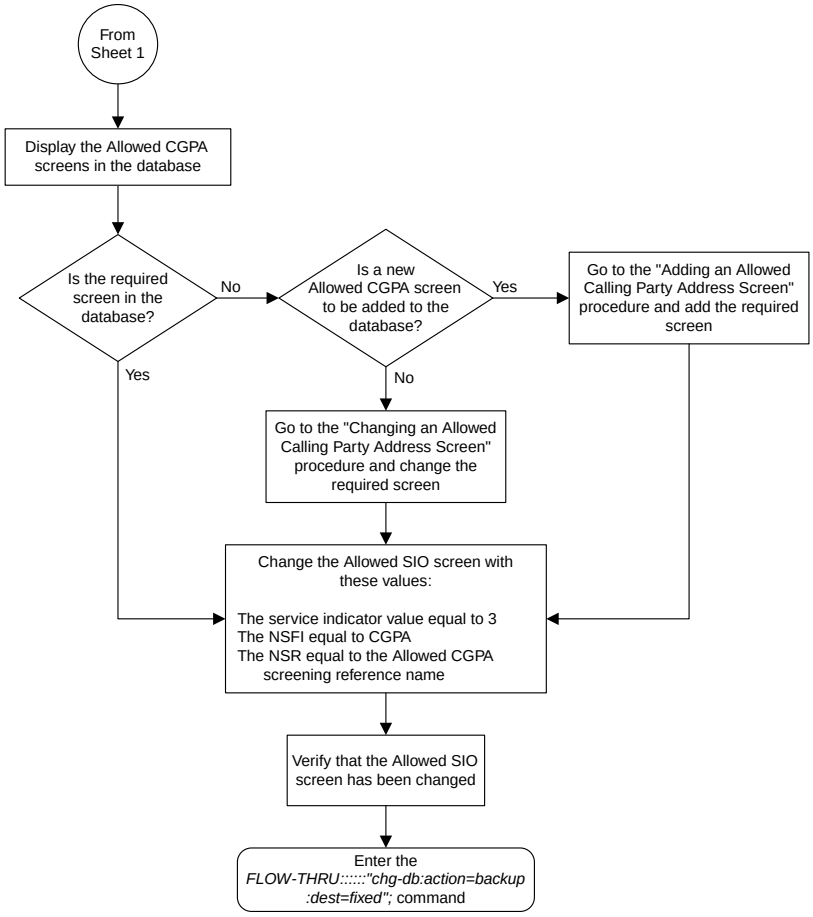
Sheet 2 of 7


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Change the Allowed SIO screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the Allowed SIO screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

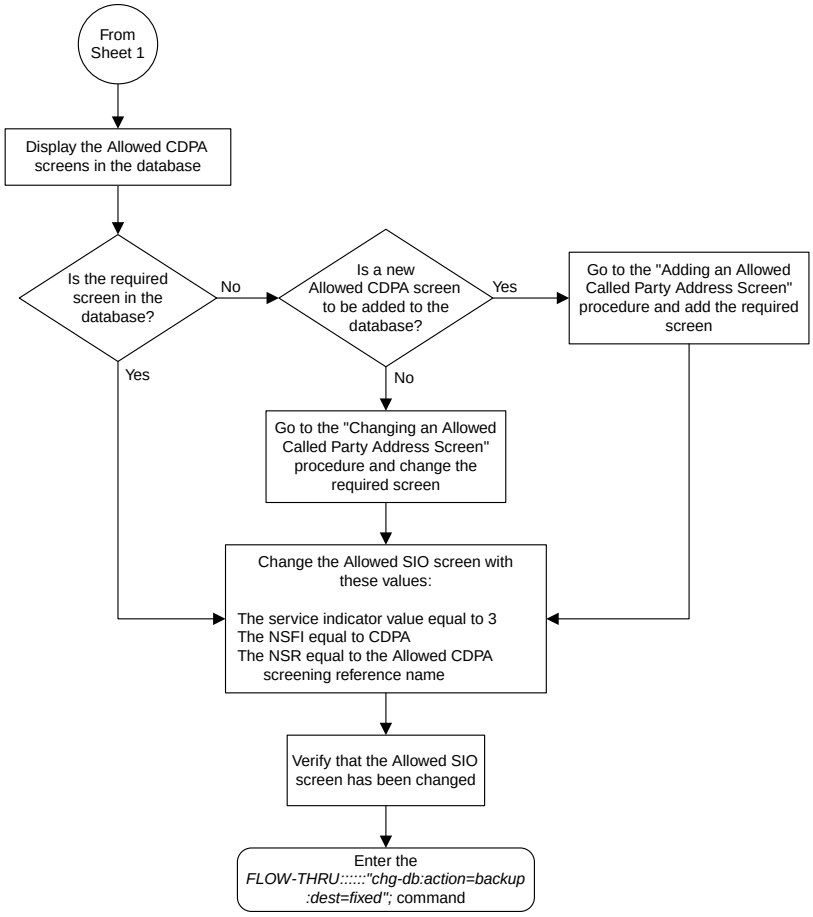
Sheet 3 of 7


From Sheet 1
Display the Allowed DESTFLD screens in the database
Is the required screen in the database?
No
Is a new Allowed DESTFLD screen to be added to the database?
Yes
Go to the "Adding an Allowed Affected Destination Field Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Affected Destination Field Screen" procedure and change the required screen
Change the Allowed SIO screen with these values:
The service indicator value equal to 0
The NSFI equal to DESTFLD
The NSR equal to the Allowed DESTFLD screening reference name
Verify that the Allowed SIO screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

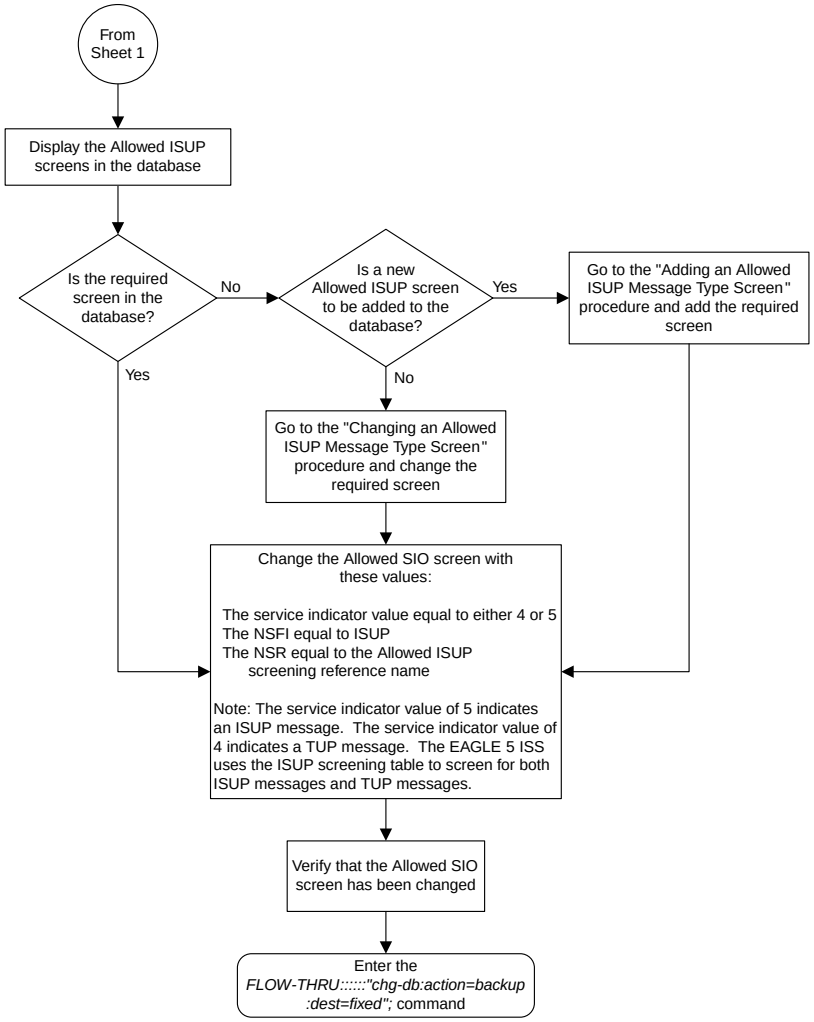
Sheet 4 of 7


From Sheet 1
Display the Allowed CGPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CGPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Calling Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Calling Party Address Screen" procedure and change the required screen
Change the Allowed SIO screen with these values:
The service indicator value equal to 3
The NSFI equal to CGPA
The NSR equal to the Allowed CGPA screening reference name
Verify that the Allowed SIO screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 5 of 7


From Sheet 1
Display the Allowed CDPA screens in the database
Is the required screen in the database?
No
Is a new Allowed CDPA screen to be added to the database?
Yes
Go to the "Adding an Allowed Called Party Address Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed Called Party Address Screen" procedure and change the required screen
Change the Allowed SIO screen with these values:
The service indicator value equal to 3
The NSFI equal to CDPA
The NSR equal to the Allowed CDPA screening reference name
Verify that the Allowed SIO screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 6 of 7



Sheet 7 of 7

Adding a Blocked OPC Screen

This procedure is used to add a blocked origination point code screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding a Blocked OPC Screen" in the *Database Administration Manual* - Gateway Screening.

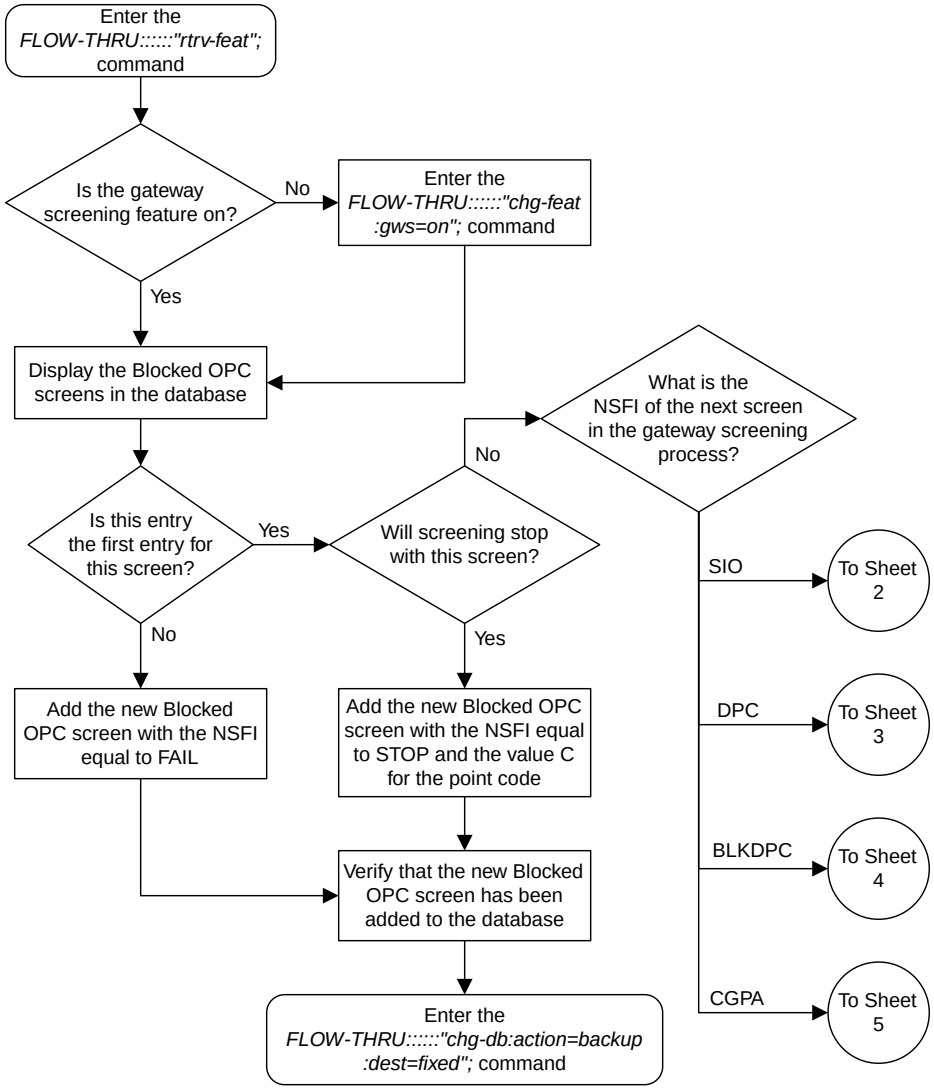
Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the blocked origination point code screen to the database, perform the "Adding a Blocked OPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

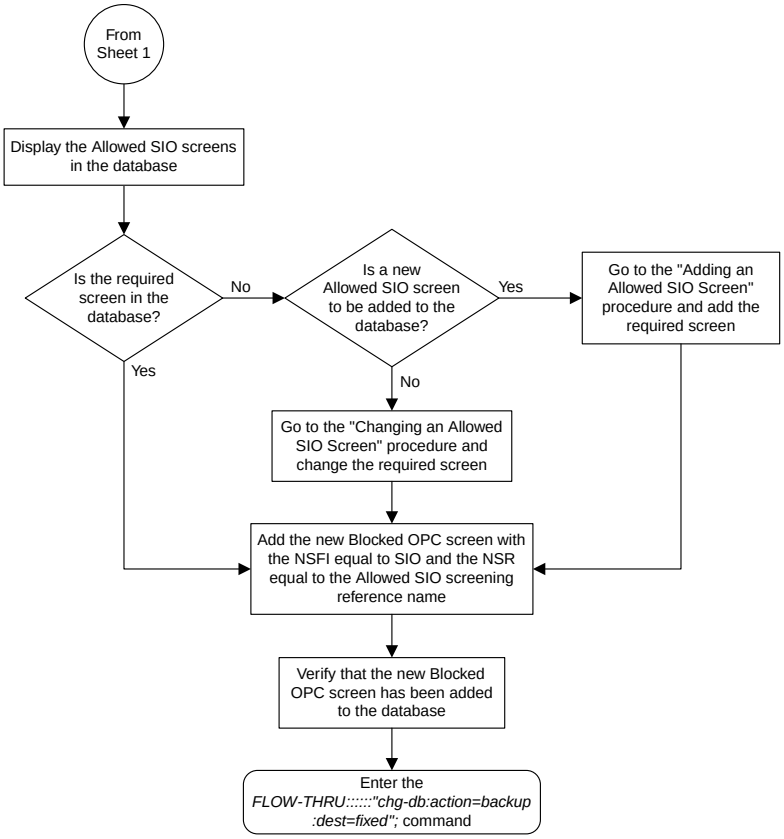
- If the blocked origination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the blocked origination point code screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

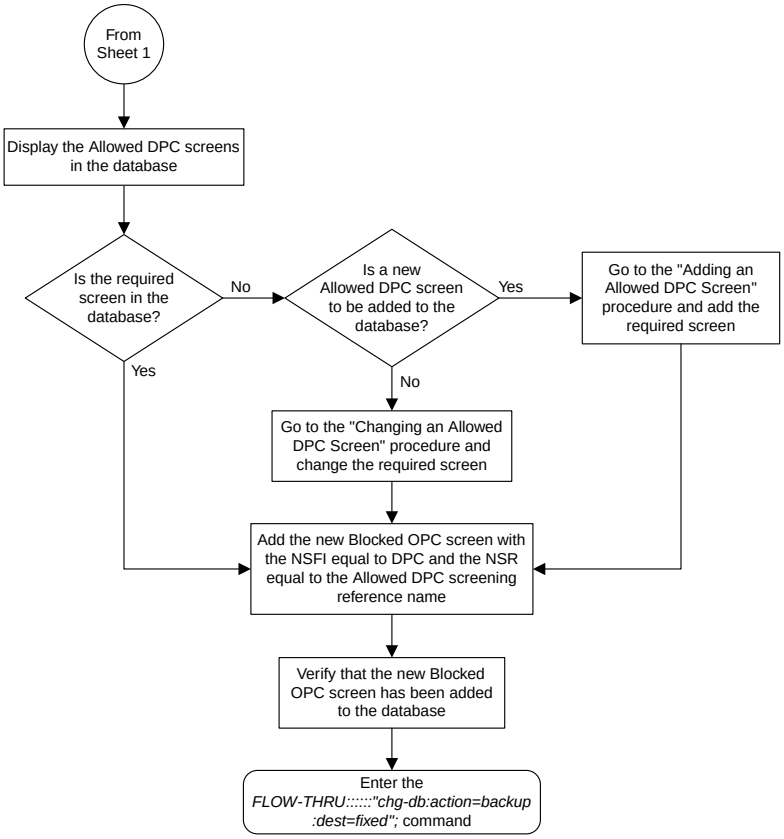


Sheet 1 of 5

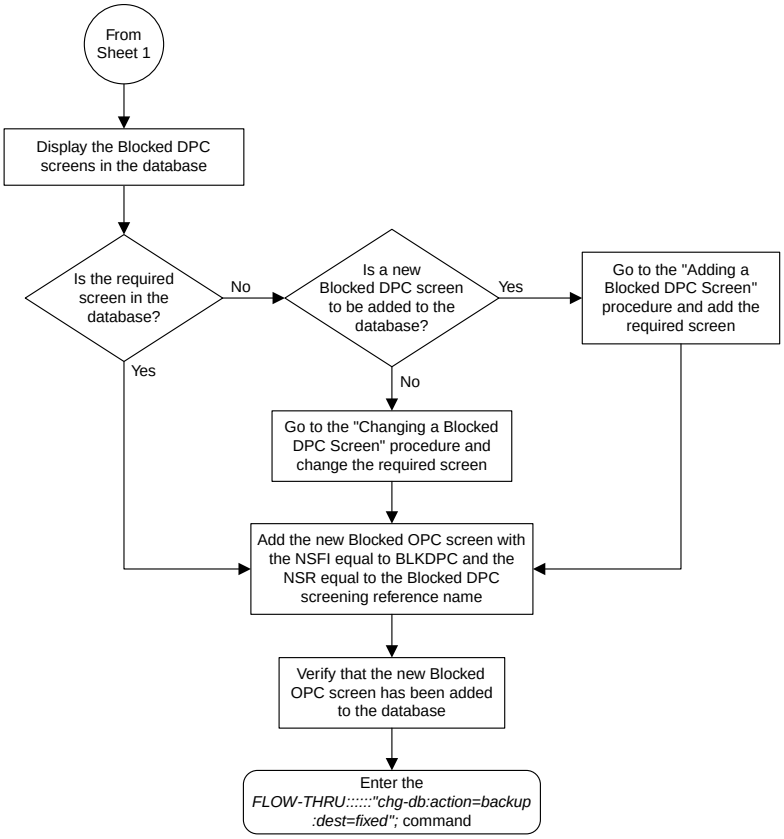
Figure 46: Adding a Blocked OPC Screen from the SEAS Terminal


From Sheet 1
Display the Allowed SIO screens in the database
Is the required screen in the database?
No
Is a new Allowed SIO screen to be added to the database?
Yes
Go to the "Adding an Allowed SIO Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed SIO Screen" procedure and change the required screen
Add the new Blocked OPC screen with the NSFI equal to SIO and the NSR equal to the Allowed SIO screening reference name
Verify that the new Blocked OPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

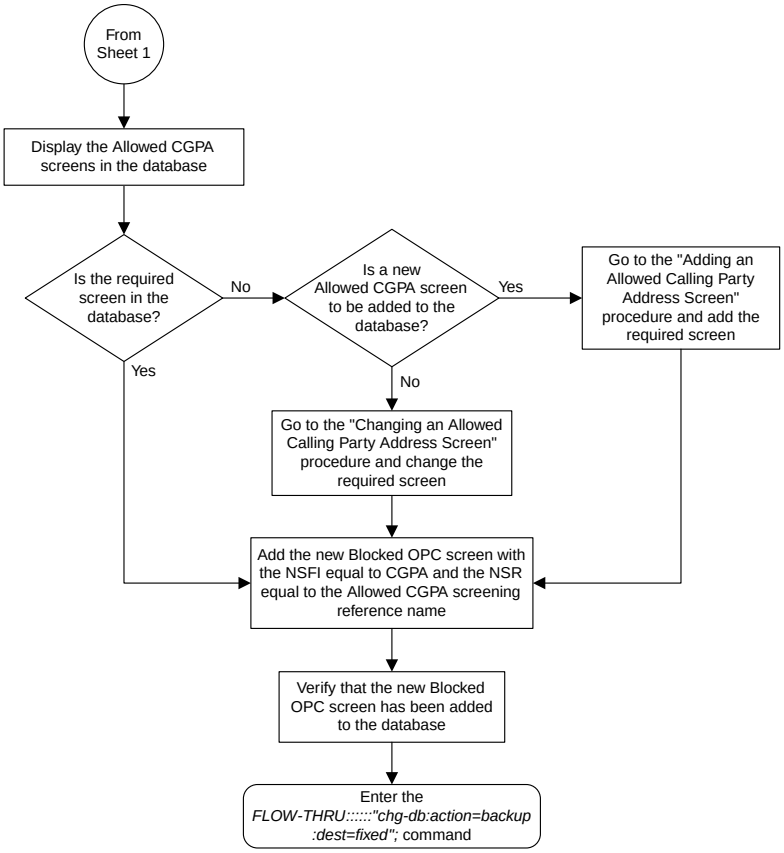
Sheet 2 of 5


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database?
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen" procedure and change the required screen
Add the new Blocked OPC screen with the NSFI equal to DPC and the NSR equal to the Allowed DPC screening reference name
Verify that the new Blocked OPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 3 of 5


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Add the new Blocked OPC screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the new Blocked OPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 5



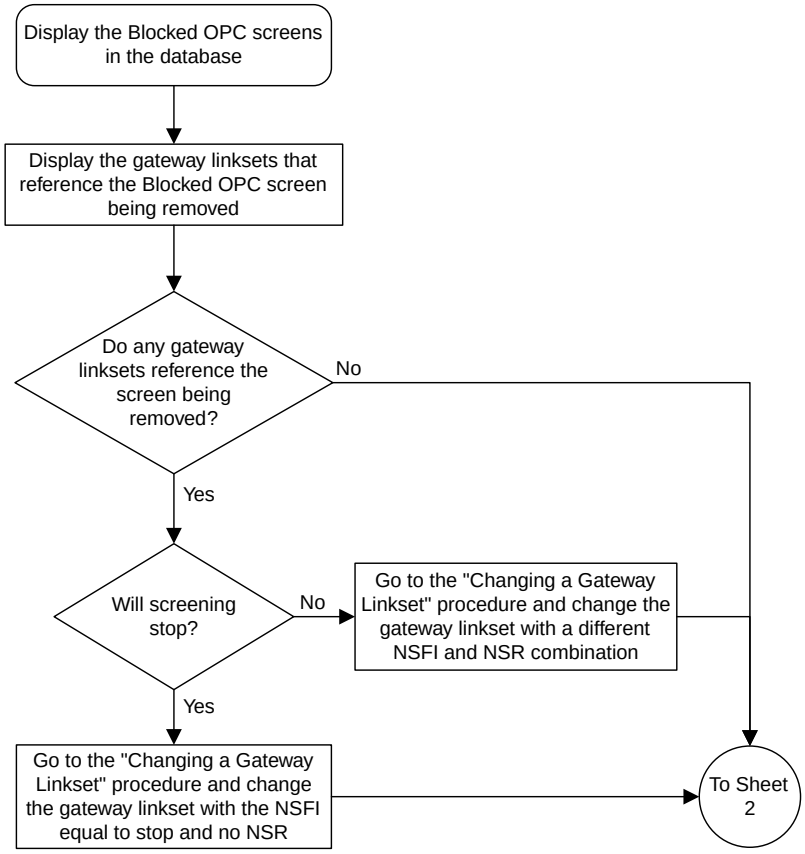
Sheet 5 of 5

Removing a Blocked OPC Screen

This procedure is used to remove a blocked origination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing a Blocked OPC Screen" in the *Database Administration Manual* - Gateway Screening.

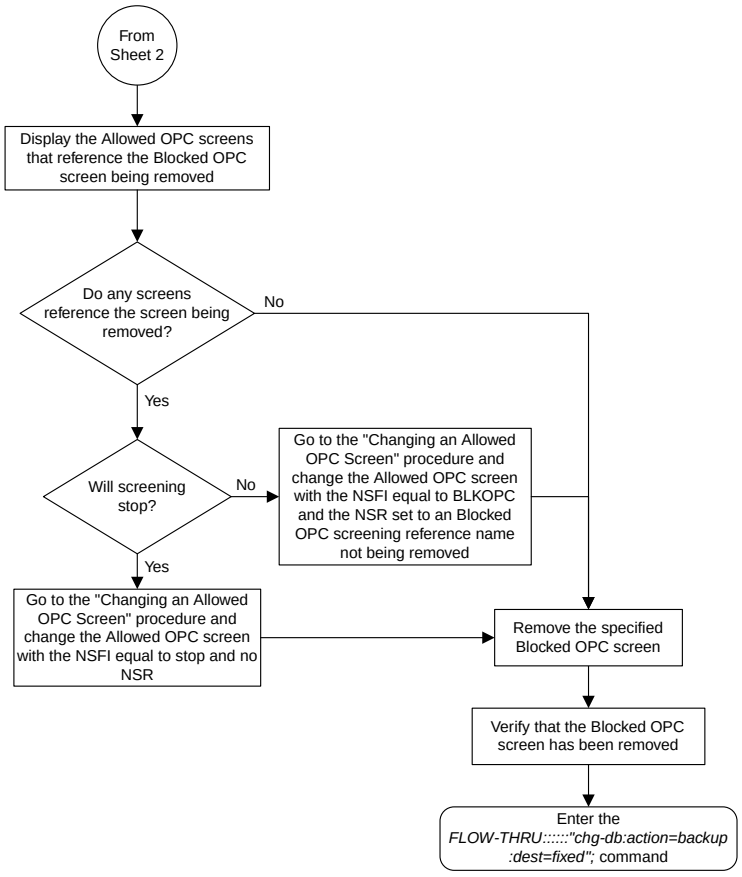
If any of the following items are used in removing the blocked origination point code screen from the database, perform the "Removing a Blocked OPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the blocked origination point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the screens referencing the blocked origination point code screen being removed.



Sheet 1 of 2

Figure 47: Removing a Blocked OPC Screen from the SEAS Terminal



Sheet 2 of 2

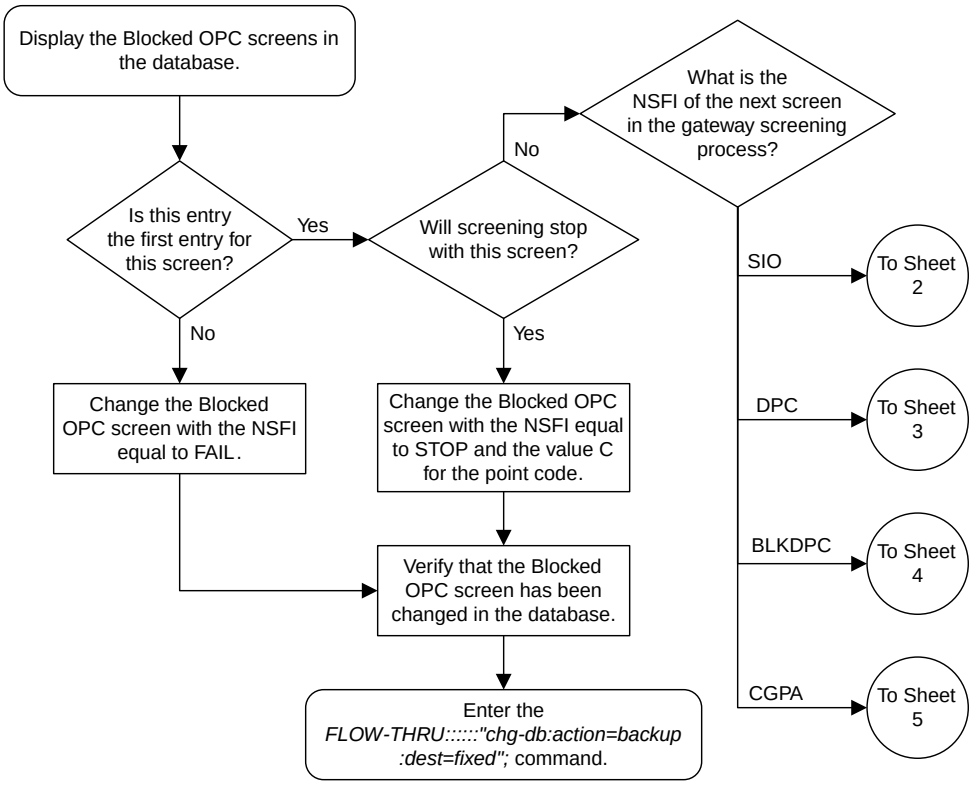
Changing a Blocked OPC Screen

This procedure is used to change a blocked origination point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing a Blocked OPC Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in changing the blocked origination point code screen in the database, perform the "Changing a Blocked OPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

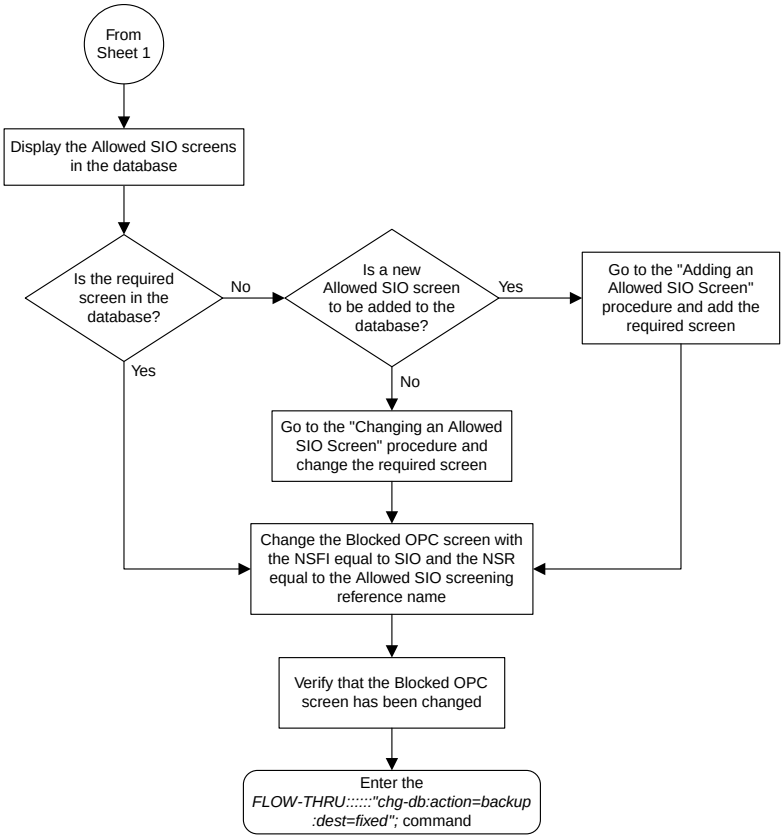
- If the blocked origination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst` parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- If gateway screening stop action sets are assigned to the blocked origination point code screen being changed.

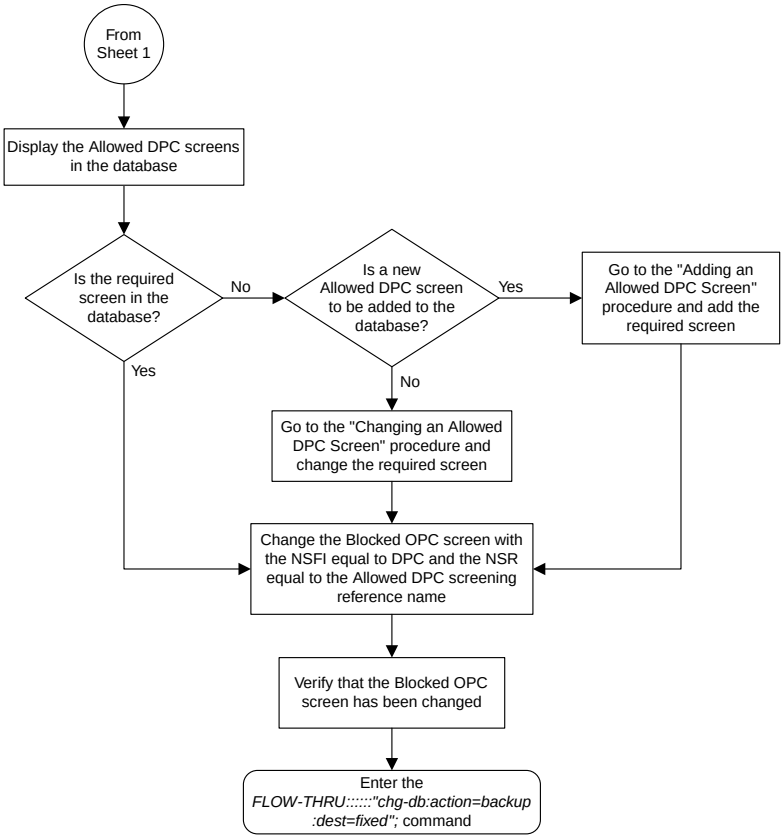


Sheet 1 of 5

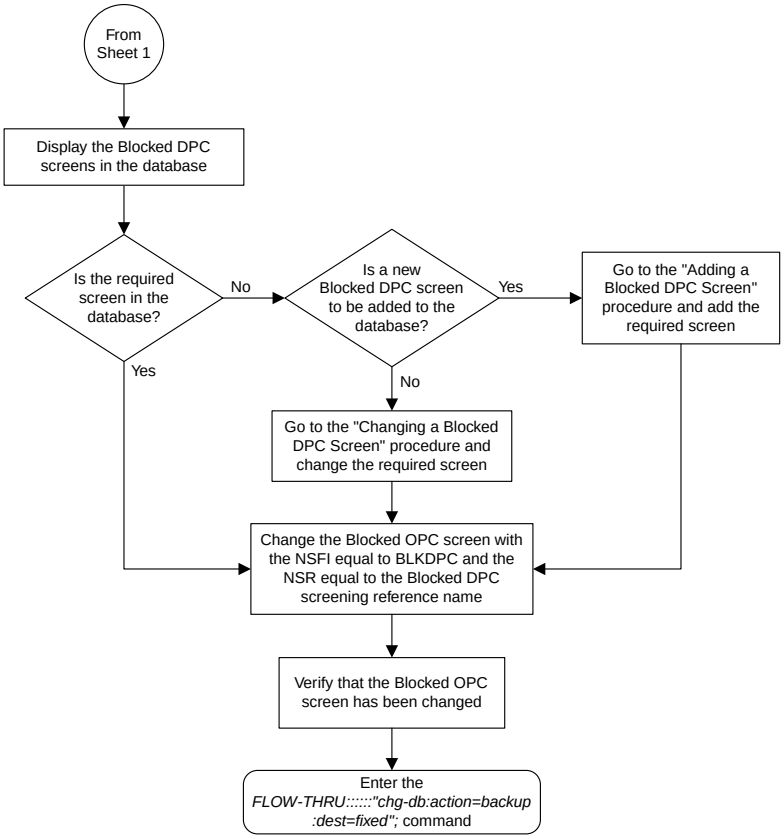
Figure 48: Changing a Blocked OPC Screen from the SEAS Terminal


From Sheet 1
Display the Allowed SIO screens in the database
Is the required screen in the database?
No
Is a new Allowed SIO screen to be added to the database?
Yes
Go to the "Adding an Allowed SIO Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed SIO Screen" procedure and change the required screen
Change the Blocked OPC screen with the NSFI equal to SIO and the NSR equal to the Allowed SIO screening reference name
Verify that the Blocked OPC screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

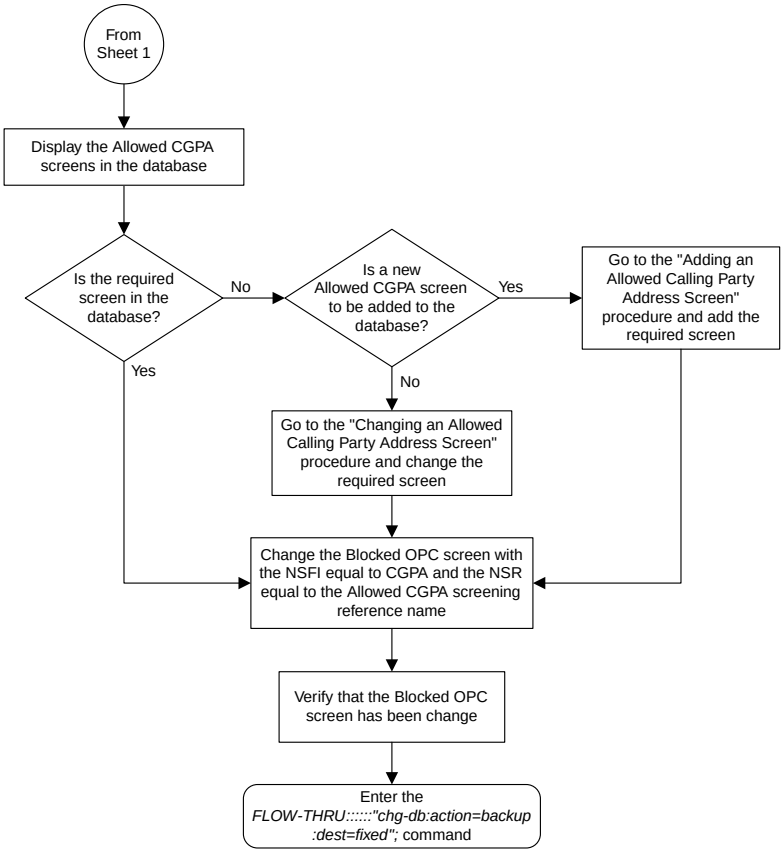
Sheet 2 of 5


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database?
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen" procedure and change the required screen
Change the Blocked OPC screen with the NSFI equal to DPC and the NSR equal to the Allowed DPC screening reference name
Verify that the Blocked OPC screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 3 of 5


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Change the Blocked OPC screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the Blocked OPC screen has been changed
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 5



Sheet 5 of 5

Adding an Allowed OPC Screen

This procedure is used to add an allowed origination point code screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed OPC Screen" in the *Database Administration Manual* - Gateway Screening.

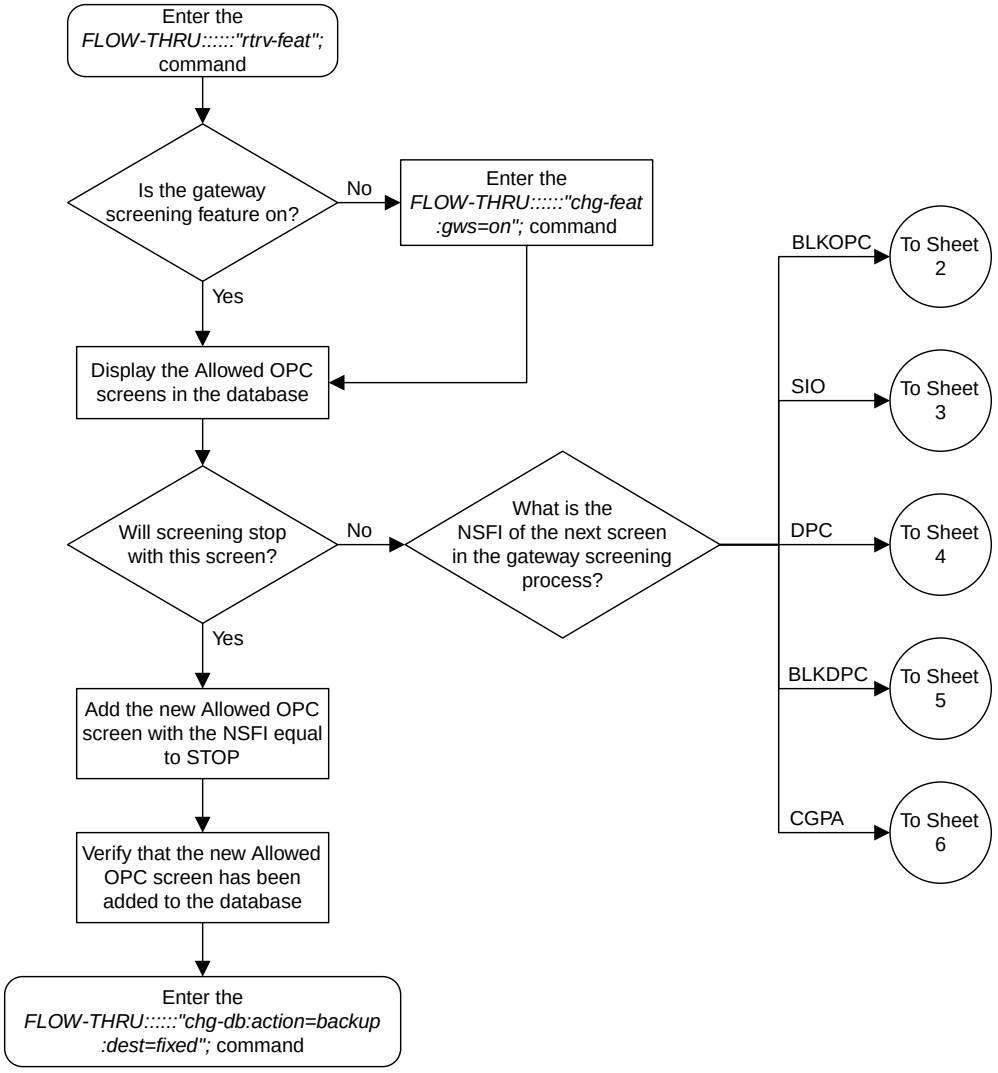
Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to use any of these items in adding the allowed origination point code screen to the database, perform the "Adding an Allowed OPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

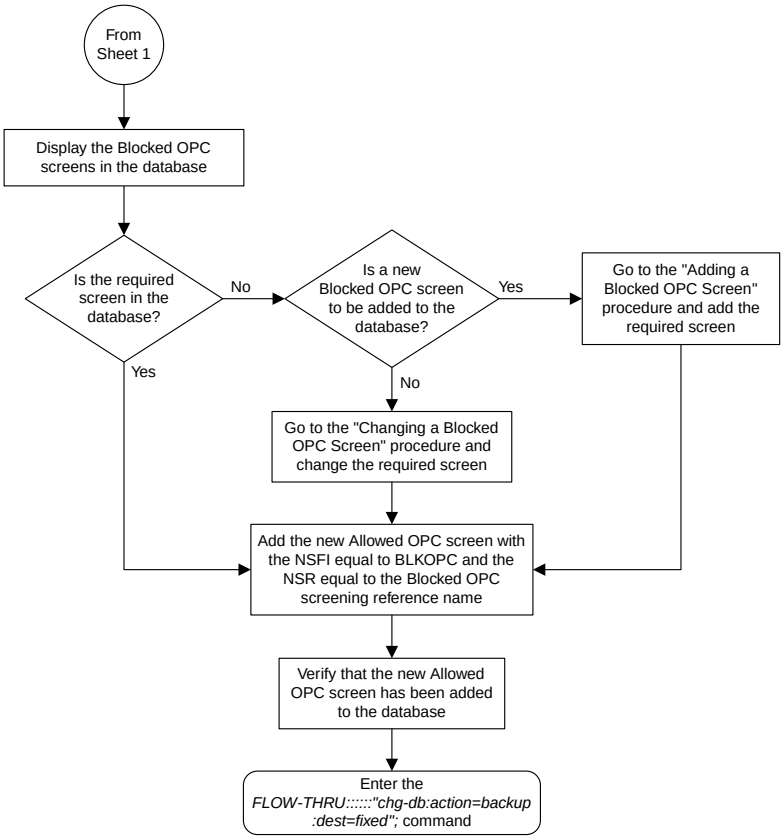
- If the allowed origination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed origination point code screen being added.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

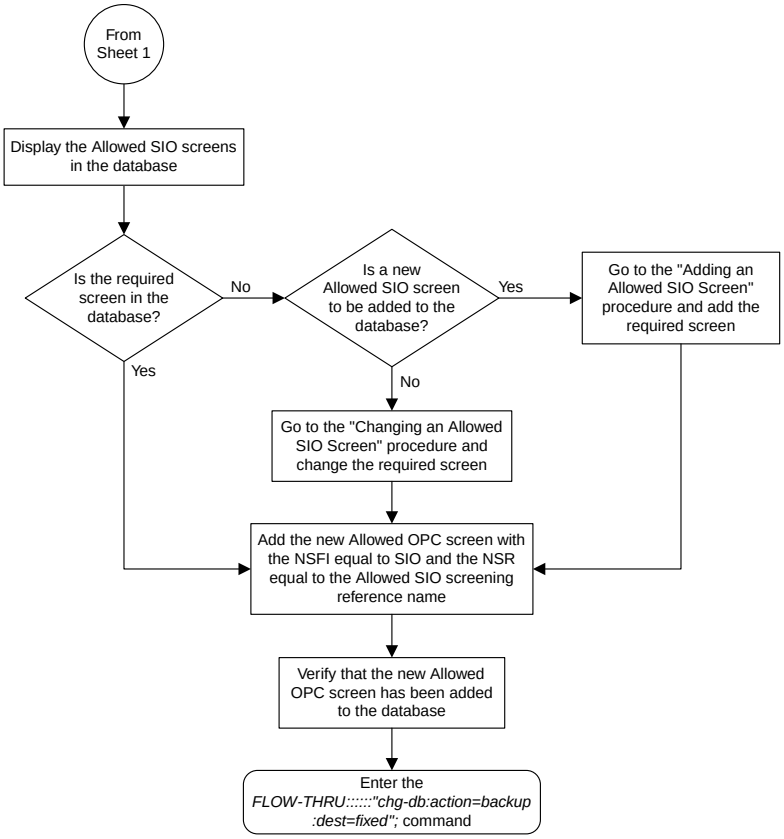


Sheet 1 of 6

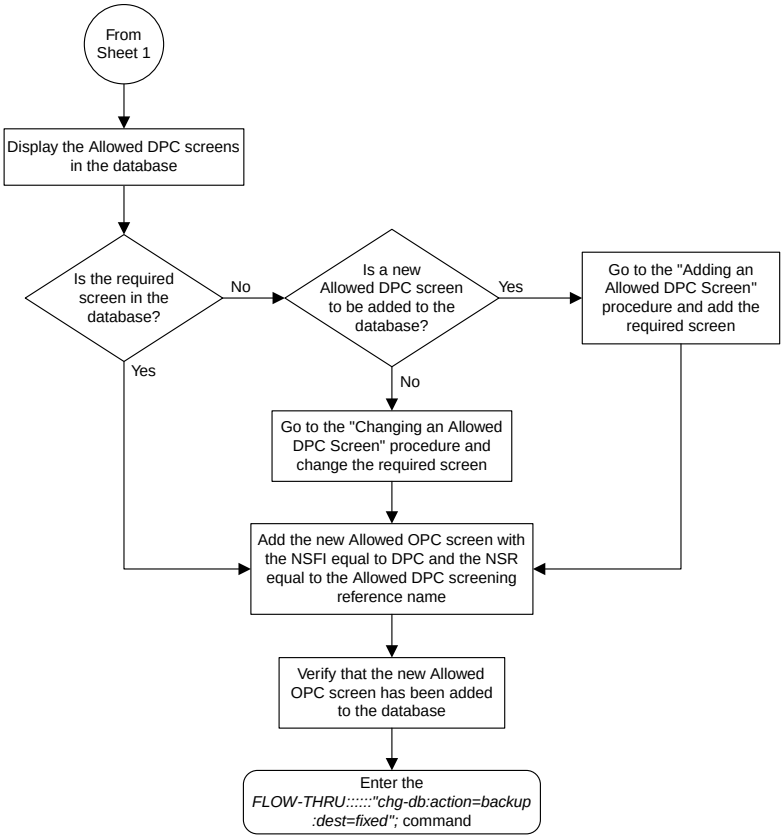
Figure 49: Adding an Allowed OPC Screen from the SEAS Terminal



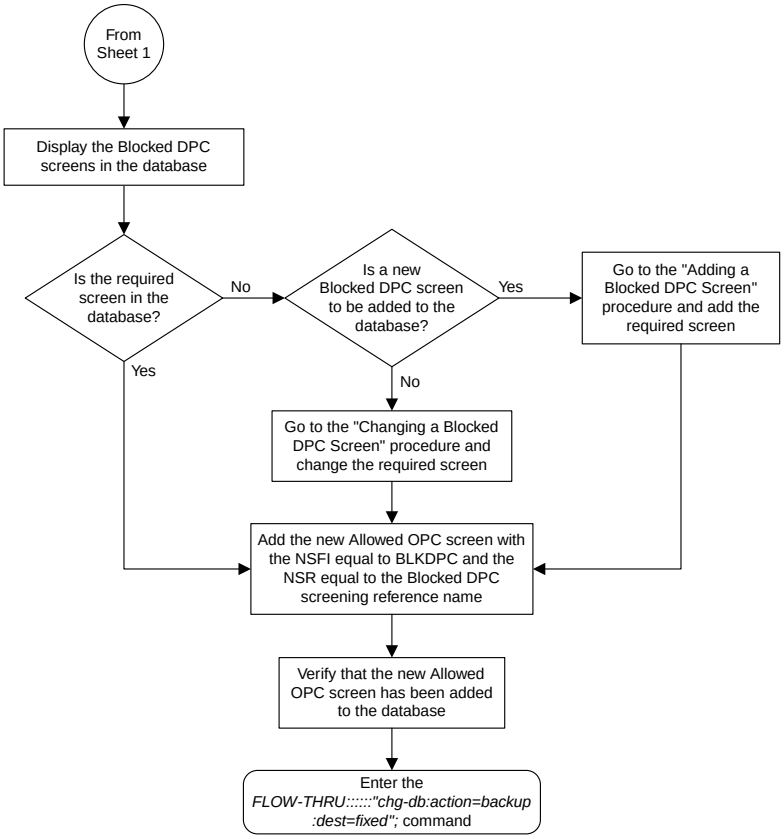
Sheet 2 of 6


From Sheet 1
Display the Allowed SIO screens in the database
Is the required screen in the database?
No
Is a new Allowed SIO screen to be added to the database?
Yes
Go to the "Adding an Allowed SIO Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed SIO Screen" procedure and change the required screen
Add the new Allowed OPC screen with the NSFI equal to SIO and the NSR equal to the Allowed SIO screening reference name
Verify that the new Allowed OPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

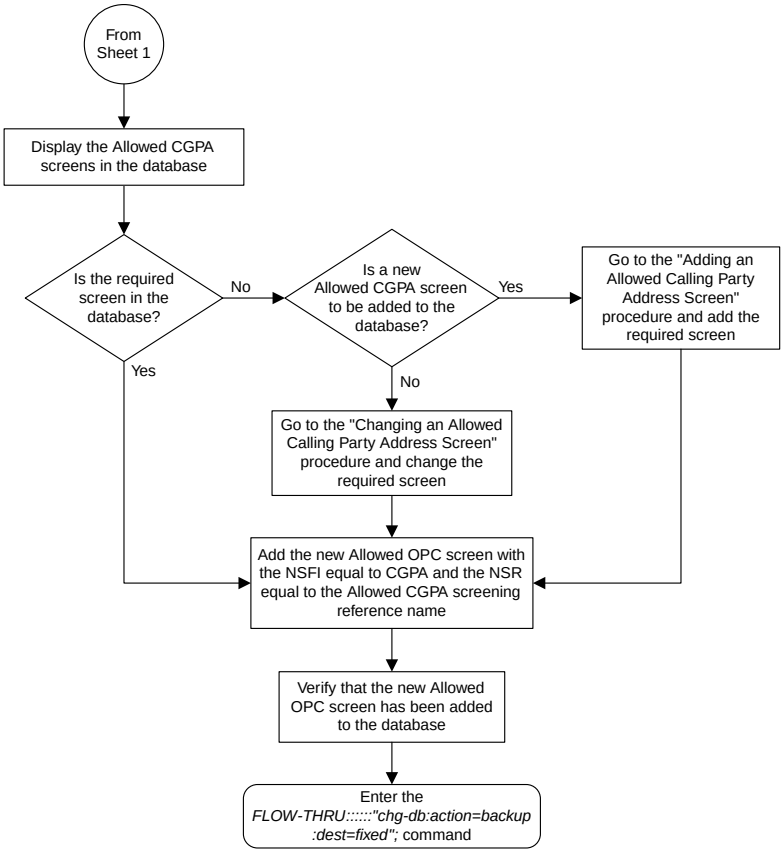
Sheet 3 of 6


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database?
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen" procedure and change the required screen
Add the new Allowed OPC screen with the NSFI equal to DPC and the NSR equal to the Allowed DPC screening reference name
Verify that the new Allowed OPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 6


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Add the new Allowed OPC screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the new Allowed OPC screen has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

Sheet 5 of 6



Sheet 6 of 6

Removing an Allowed OPC Screen

This procedure is used to remove an allowed origination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed OPC Screen" in the *Database Administration Manual* - Gateway Screening.

If any of the following items are used in removing the allowed origination point code screen from the database, perform the "Removing an Allowed OPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed origination point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the screens referencing the allowed origination point code screen being removed.

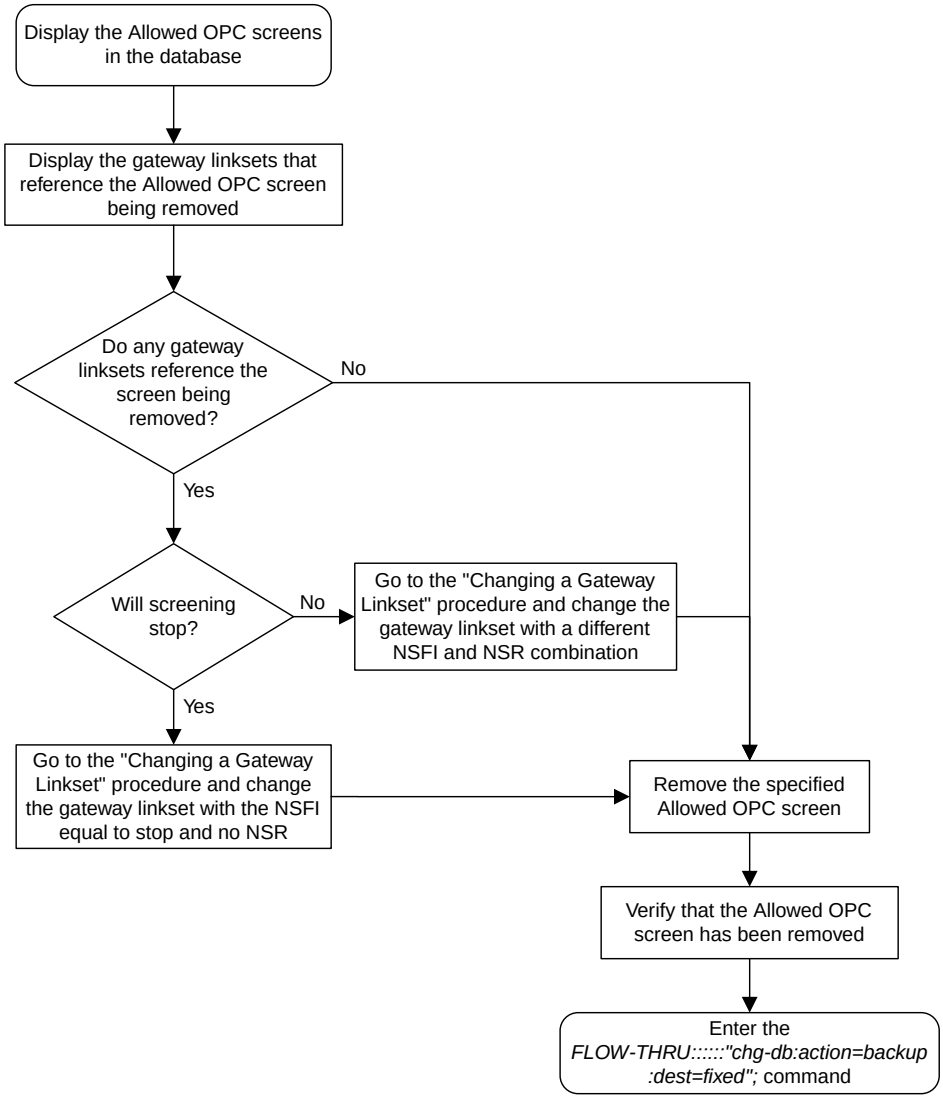


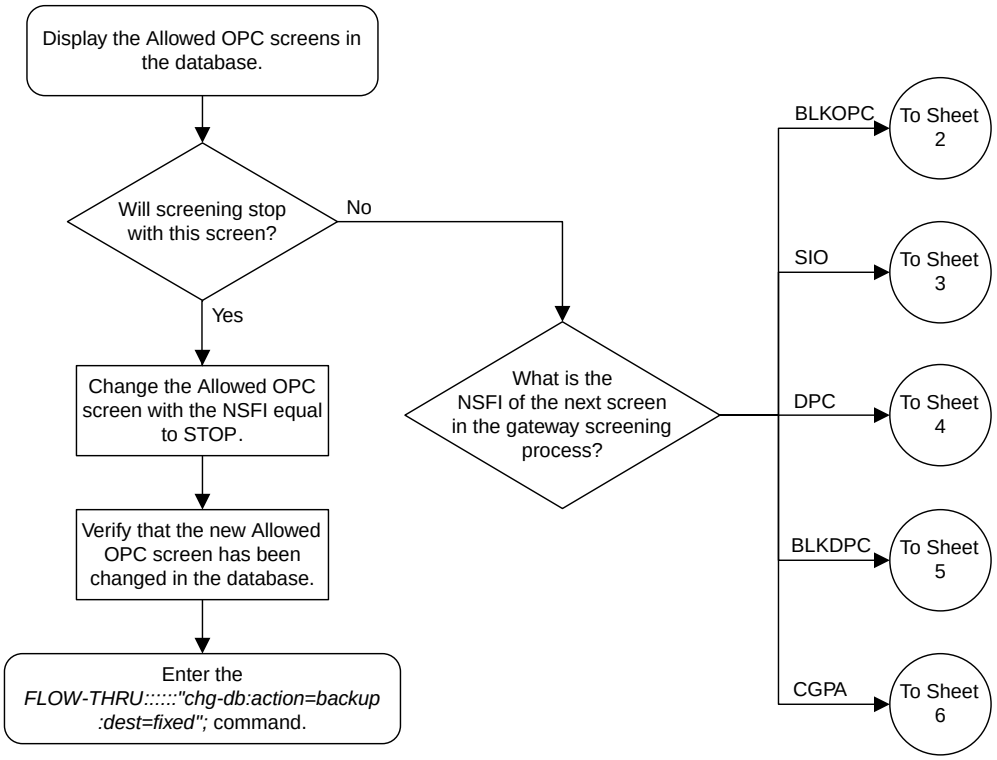
Figure 50: Removing an Allowed OPC Screen from the SEAS Terminal

Changing an Allowed OPC Screen

This procedure is used to change an allowed origination point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Changing an Allowed OPC Screen" in the *Database Administration Manual* - Gateway Screening.

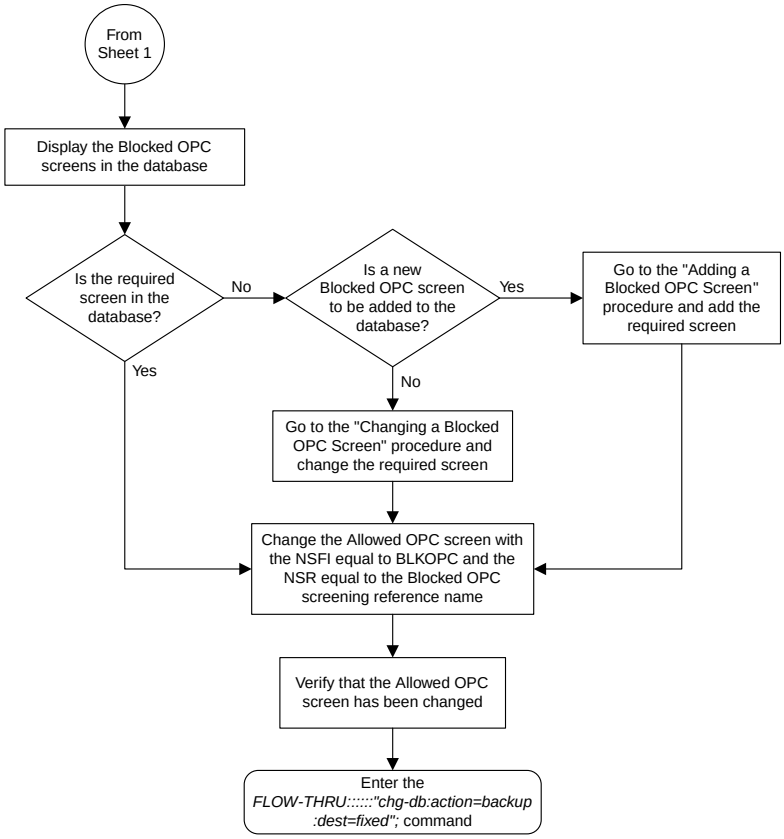
If any of the following items are used in changing the allowed origination point code screen in the database, perform the "Changing an Allowed OPC Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- If the allowed origination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst` parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.
- If gateway screening stop action sets are assigned to the allowed origination point code screen being changed.

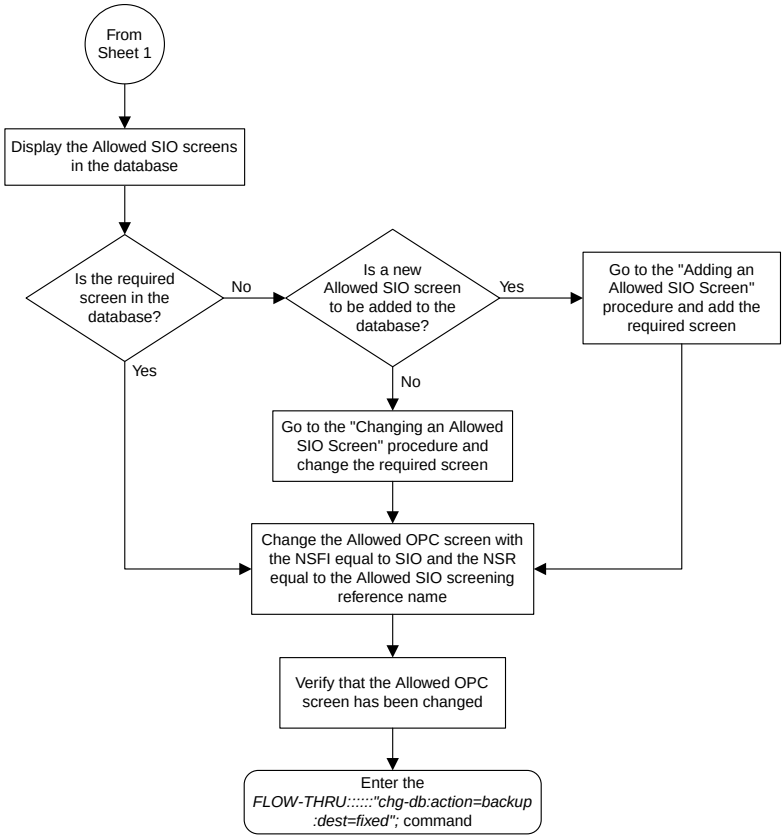


Sheet 1 of 6

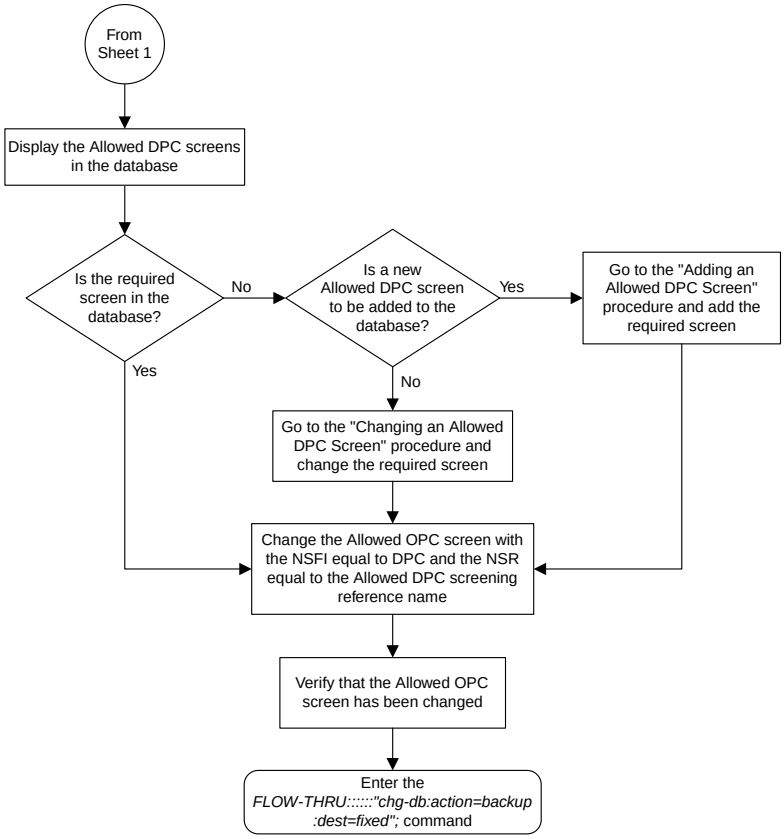
Figure 51: Changing an Allowed OPC Screen from the SEAS Terminal


From Sheet 1
Display the Blocked OPC screens in the database
Is the required screen in the database?
No
Is a new Blocked OPC screen to be added to the database?
Yes
Go to the "Adding a Blocked OPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked OPC Screen" procedure and change the required screen
Change the Allowed OPC screen with the NSFI equal to BLKOPC and the NSR equal to the Blocked OPC screening reference name
Verify that the Allowed OPC screen has been changed
Enter the FLOW-THRU:::::::"chg-db:action=backup :dest=fixed"; command

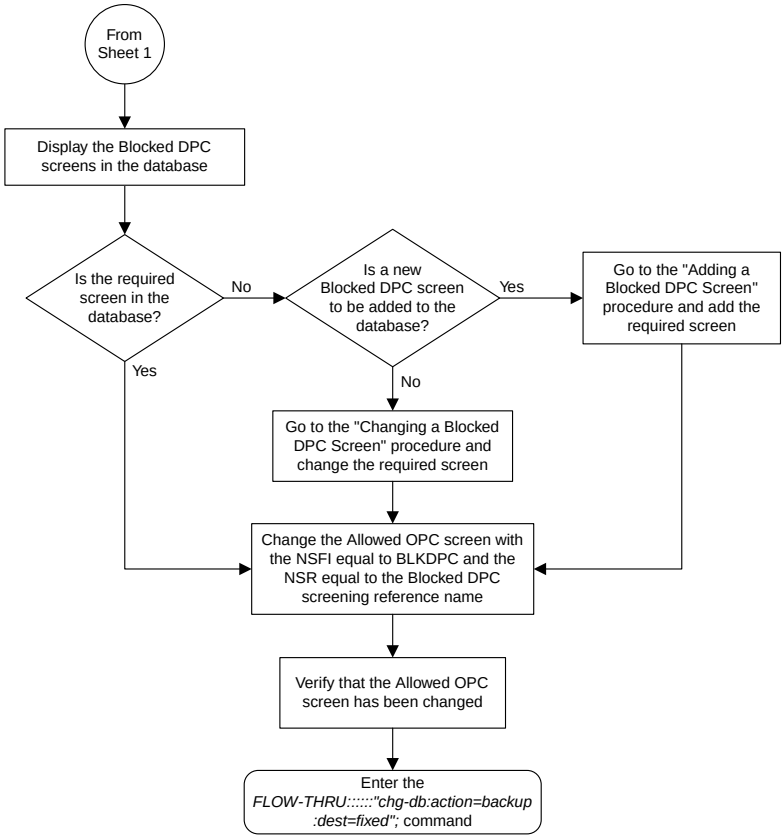
Sheet 2 of 6


From Sheet 1
Display the Allowed SIO screens in the database
Is the required screen in the database?
No
Is a new Allowed SIO screen to be added to the database?
Yes
Go to the "Adding an Allowed SIO Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed SIO Screen" procedure and change the required screen
Change the Allowed OPC screen with the NSFI equal to SIO and the NSR equal to the Allowed SIO screening reference name
Verify that the Allowed OPC screen has been changed
Enter the FLOW-THRU:::::::"chg-db:action=backup :dest=fixed"; command

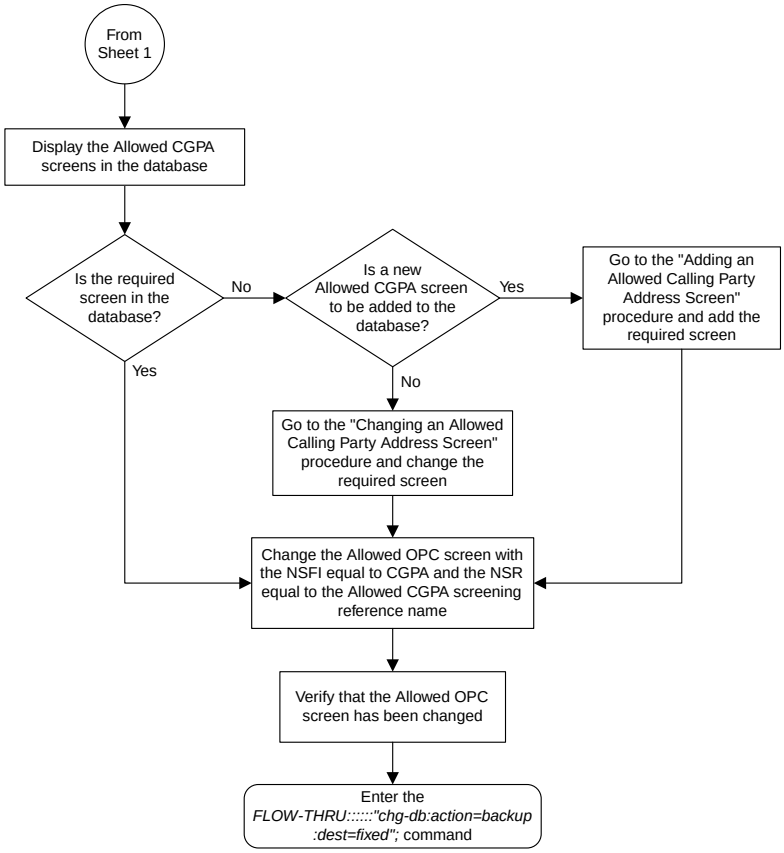
Sheet 3 of 6


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database?
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen" procedure and change the required screen
Change the Allowed OPC screen with the NSFI equal to DPC and the NSR equal to the Allowed DPC screening reference name
Verify that the Allowed OPC screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 4 of 6


From Sheet 1
Display the Blocked DPC screens in the database
Is the required screen in the database?
No
Is a new Blocked DPC screen to be added to the database?
Yes
Go to the "Adding a Blocked DPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked DPC Screen" procedure and change the required screen
Change the Allowed OPC screen with the NSFI equal to BLKDPC and the NSR equal to the Blocked DPC screening reference name
Verify that the Allowed OPC screen has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 5 of 6



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Adding a Gateway Linkset

This procedure is used to add a gateway linkset to the database. This procedure performs the same functions as the "Adding an SS7 Linkset" procedure on in the *Database Administration Manual - SS7* and the "Adding a Screen Set" in the *Database Administration Manual - Gateway Screening*. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`.

Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure

can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface.

Supplier Specific Parameters

The EAGLE 5 ISS accepts the values for these parameters as supplier specific parameters: `gwsa`, `gwsm`, `gwsd`, `actname`, and `destfld`. *Table 16: Gateway Linkset Supplier Specific Parameters* shows how the EAGLE 5 ISS parameter values are mapped to the SEAS values and a definition of each parameter.

For more information on the `gwsa`, `gwsm`, and `gwsd` parameters, see "Adding an SS7 Linkset" in the *Database Administration Manual – SS7* and "Gateway Screening States" in the *Database Administration Manual – Gateway Screening*.

For more information on the `actname` parameter, see "Configuring Gateway Screening Stop Action Sets" in the *Database Administration Manual – Gateway Screening*.

For more information on the `destfld` parameter, see "Automatic Destination Field Screening" in the *Database Administration Manual – Gateway Screening*.

Table 16: Gateway Linkset Supplier Specific Parameters

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
GWSA	ON OFF	1 0	Gateway screening action – This parameter determines whether gateway screening (GWS) is on or off for the specified link set.
GWSM	ON OFF	1 0	Gateway screening messaging – This parameter is used to turn on or off the display of messages generated for each screened message. When an MSU is rejected by gateway screening, a message is output to alert personnel of the event.
GWSD	ON OFF	1 0	Gateway screening MSU discard – This parameter is used to turn on or off the discarding of MSUs on the linkset.
ACTNAME	up to 6 alphanumeric characters	up to 6 alphanumeric characters	The gateway screening stop action set name – This parameter defines the additional actions the EAGLE 5 ISS can perform on MSUs that pass gateway screening and can only be specified when the NSFI of the screen is `stop`.
DESTFLD	YES NO	1 0	The `destfld` parameter shows whether or not network management messages are screened automatically by gateway screening without configuring an Allowed Affected Destination Field screen.

The supplier specific parameters must be entered in this order.

:"[GWSA], [GWSM], [GWSD], [ACTNAME], [DESTFLD]":

The supplier specific parameters are optional. The default value will be entered for any supplier specific parameter not specified when adding the gateway linkset. The default values for the supplier specific parameters are:

- GWSA = 0 (off)
- GWSM = 0 (off)
- GWSD = 0 (off)
- ACTNAME = No `actname` value is specified
- DESTFLD = 1 (yes)

If the characters `::` are specified for the supplier specific parameters, the EAGLE 5 ISS sets the Gateway Screening `GWSA`, `GWSM`, `GWSD` parameter values to their default values.

If the characters `:",,,,":` are specified for the supplier specific parameters, values for all the supplier specific parameters are not changed from the current values.

When the gateway linkset is displayed, the supplier specific parameter values are displayed in this order.

GWSA, GWSM, GWSD, ACTNAME, DESTFLD, SCRN

Note: The `SCRN` parameter value is used by the EAGLE 5 ISS's linkset commands to associate a screen set created by the EAGLE 5 ISS's gateway screening screen set commands with a linkset. The SEAS linkset commands do not contain parameters that make this association. The association of a linkset to a gateway screening screen set in SEAS is made with the gateway linkset commands. However, the SEAS gateway linkset commands do not contain a parameter to give the screen set a name, as the EAGLE 5 ISS's gateway screening screen set commands do, but the EAGLE 5 ISS's `rtrv-scrset` command will display the screen sets created by the SEAS gateway linkset commands. For the `rtrv-scrset` command to display these screen sets, the EAGLE 5 ISS creates a unique screen set name, beginning with the numeric character 0, and this screen set name is shown by the `SCRN` parameter value when a gateway linkset is displayed in SEAS.

Gateway Screening States

Gateway screening on a particular gateway linkset can be set to be in one of four states:

NO SCREENING – Screening is not performed. All message signaling units (MSUs) are passed. This state is set by specifying the supplier specific parameters `gwsa` and `gwsm` equal to 0 (off).

SCREEN AND REPORT – Screening is performed. When an MSU fails screening it is discarded, an output message is generated, and measurements are pegged. This state is set by specifying the supplier specific parameters `gwsa` and `gwsm` equal to 1 (on).

SCREENANDDON'T REPORT – Screening is performed. When an MSU fails screening it is discarded and measurements are pegged, but no output message is generated. This state is set by specifying the supplier specific parameters `gwsa` to 1 (on) and `gwsm` to 0 (off).

SCREEN TEST MODE – Screening is performed, but all MSUs are passed. When an MSU fails screening, an output message is generated, but the MSU is still passed. This state is set by specifying the supplier specific parameters `gwsa` to 0 (off) and `gwsm` to 1 (on).

Caution: When Gateway Screening is in the screen test mode, as defined by the linkset parameters `gwsa=0` and `gwsm=1`, the gateway screening action in the gateway screening stop action set specified by the `actname` parameter will be performed.

If a gateway screening stop action set is to be assigned to the gateway linkset, the name of the gateway screening stop action set must be defined in the database. The gateway screening stop action sets in the database can be shown using the EAGLE 5 ISS command `rtrv-gws-actset`. For more information on the gateway screening stop action sets, see "Configuring Gateway Screening Stop Action Sets" in the *Database Administration Manual* – Gateway Screening.

The `gwsd` parameter allows the discarding of messages that should have gone through the gateway screening process, but did not. The `gwsd` parameter is only intended to be used with the Database Transport Access (DTA) feature. If you are not using the DTA feature, the `gwsd` parameter should not be specified or should be set to no (`gwsd=0`). for more information on the DTA feature, see "Database Transport Access (DTA) Configuration" in the *Database Administration Manual - Features*.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

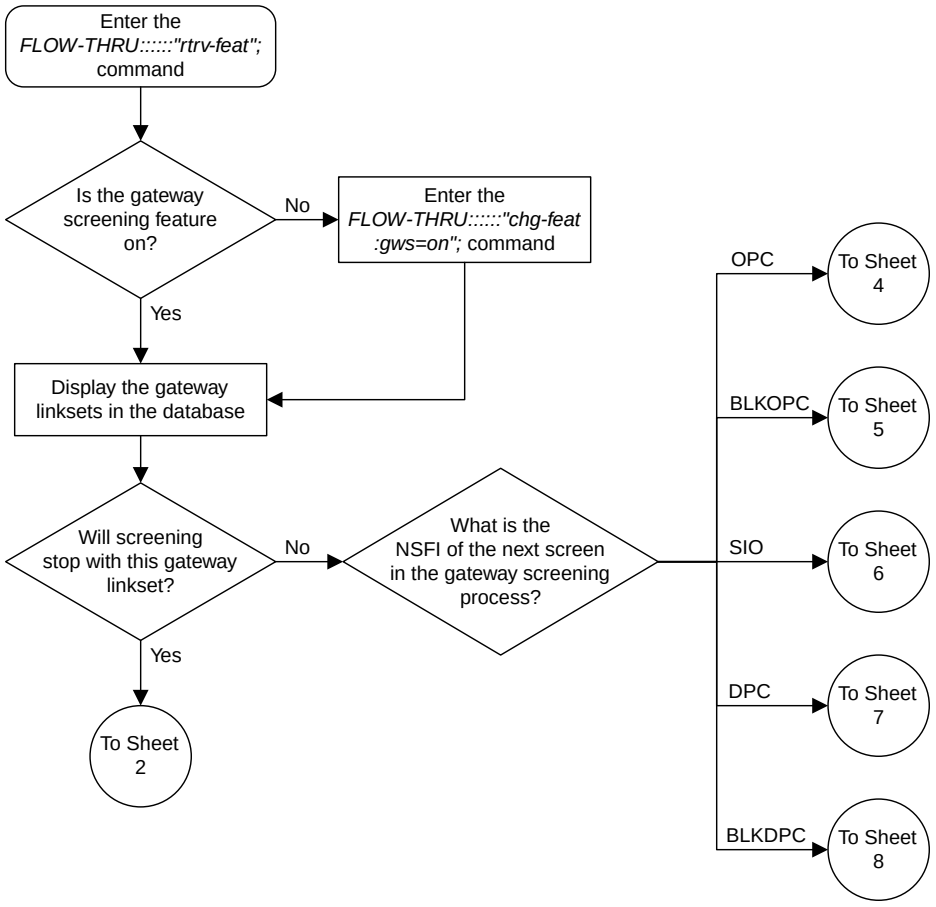

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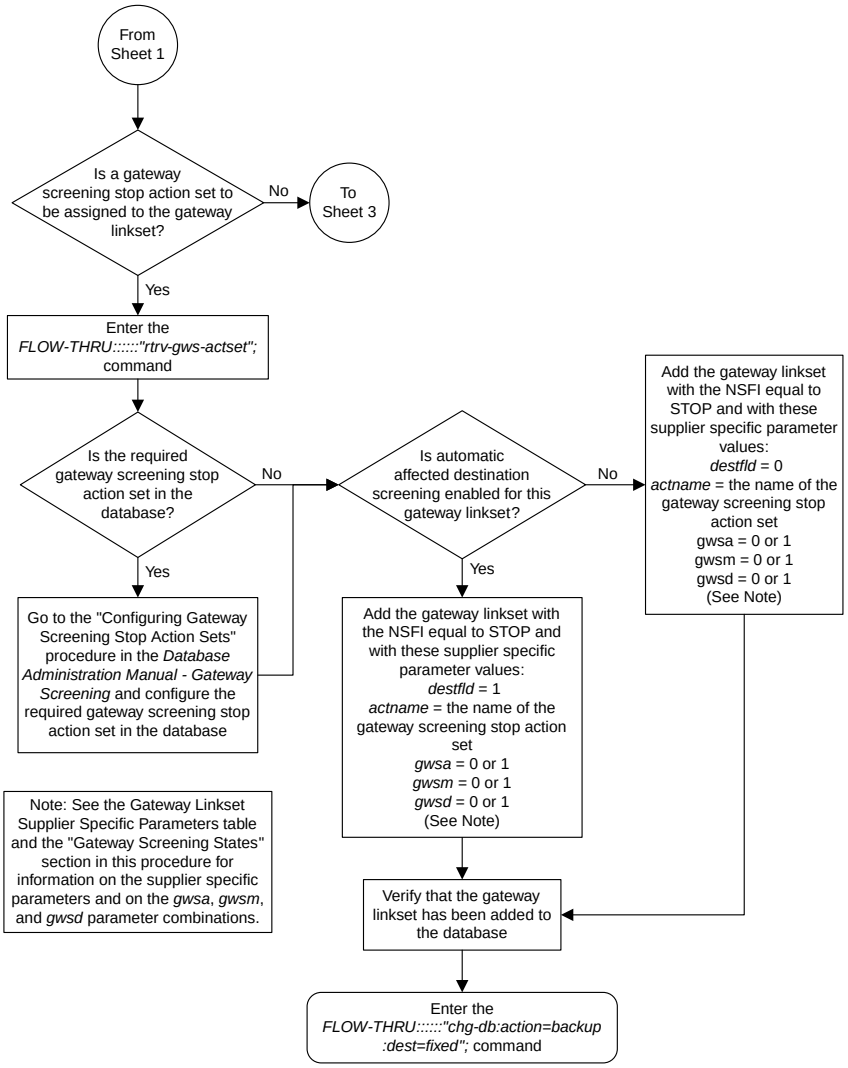
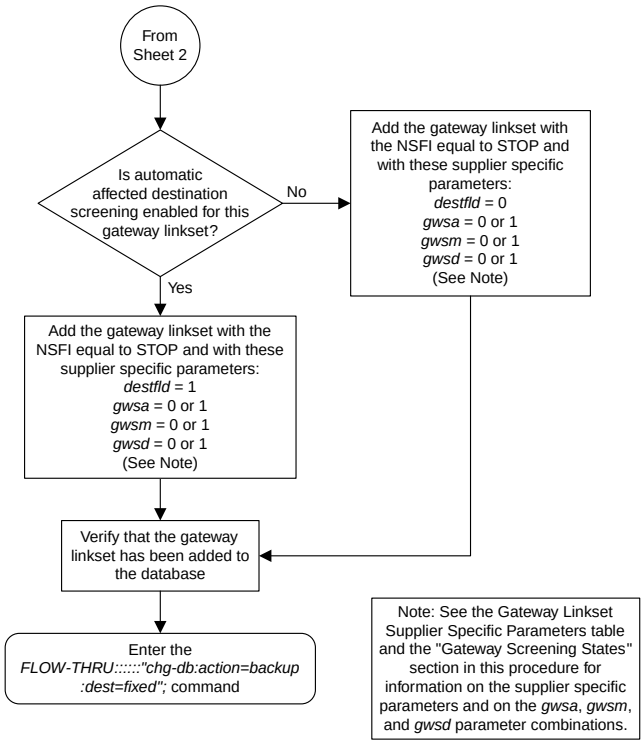
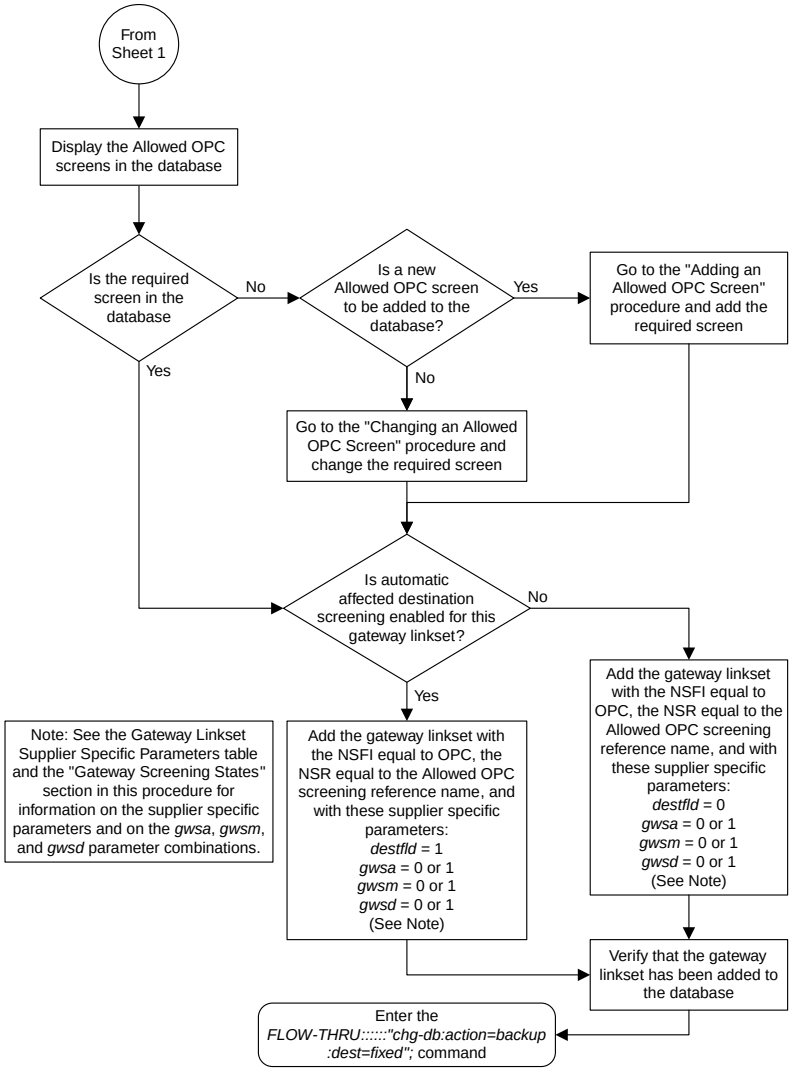
Figure 52: Adding a Gateway Linkset from the SEAS Terminal


From Sheet 1
Is a gateway screening stop action set to be assigned to the gateway linkset?
No
To Sheet 3
Yes
Enter the *FLOW-THRU:::::::"rtrv-gws-actset";* command
Is the required gateway screening stop action set in the database?
No
Is automatic affected destination screening enabled for this gateway linkset?
No
Add the gateway linkset with the NSFI equal to STOP and with these supplier specific parameter values:
destfld = 0
actname = the name of the gateway screening stop action set
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Yes
Yes
Go to the "Configuring Gateway Screening Stop Action Sets" procedure in the *Database Administration Manual - Gateway Screening* and configure the required gateway screening stop action set in the database
Add the gateway linkset with the NSFI equal to STOP and with these supplier specific parameter values:
destfld = 1
actname = the name of the gateway screening stop action set
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the *gwsa*, *gwsm*, and *gwsd* parameter combinations.
Verify that the gateway linkset has been added to the database
Enter the *FLOW-THRU:::::::"chg-db:action=backup :dest=fixed";* command

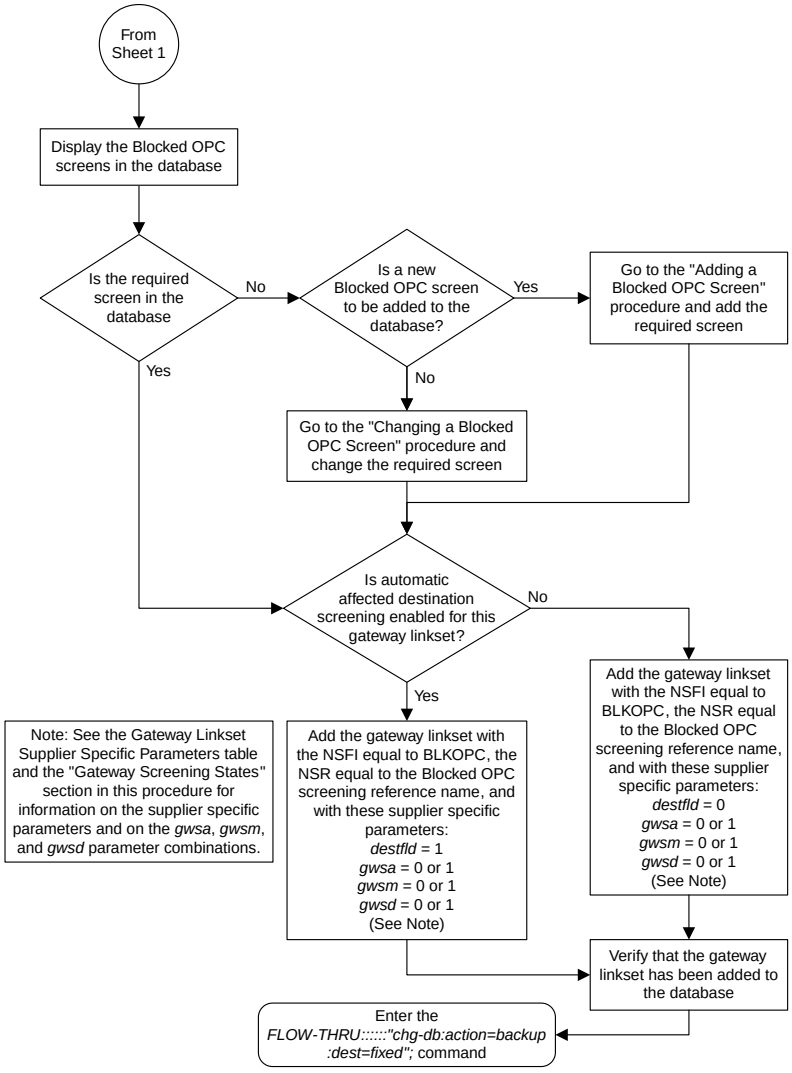
Sheet 2 of 8


From Sheet 2
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Add the gateway linkset with the NSFI equal to STOP and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Add the gateway linkset with the NSFI equal to STOP and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.

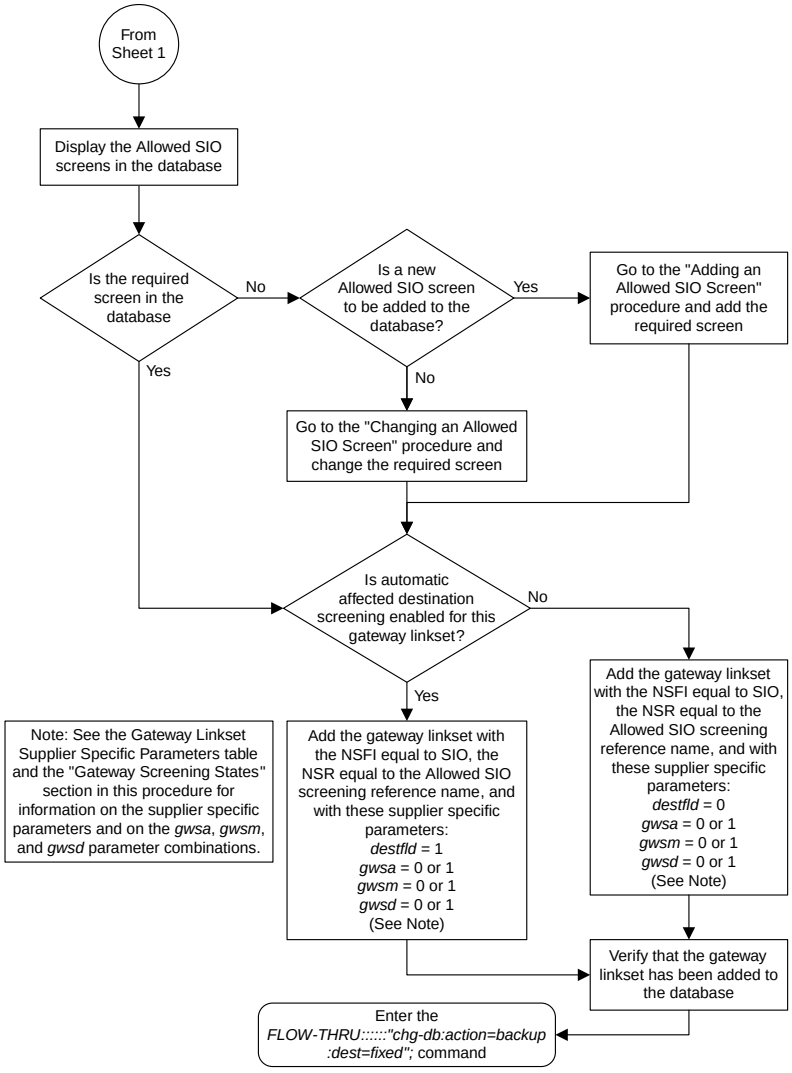
Sheet 3 of 8


From Sheet 1
Display the Allowed OPC screens in the database
Is the required screen in the database
No
Is a new Allowed OPC screen to be added to the database?
Yes
Go to the "Adding an Allowed OPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed OPC Screen" procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Add the gateway linkset with the NSFI equal to OPC, the NSR equal to the Allowed OPC screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Add the gateway linkset with the NSFI equal to OPC, the NSR equal to the Allowed OPC screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been added to the database
Enter the FLOW-THRU:::::"chg-db:action=backup :dest=fixed"; command

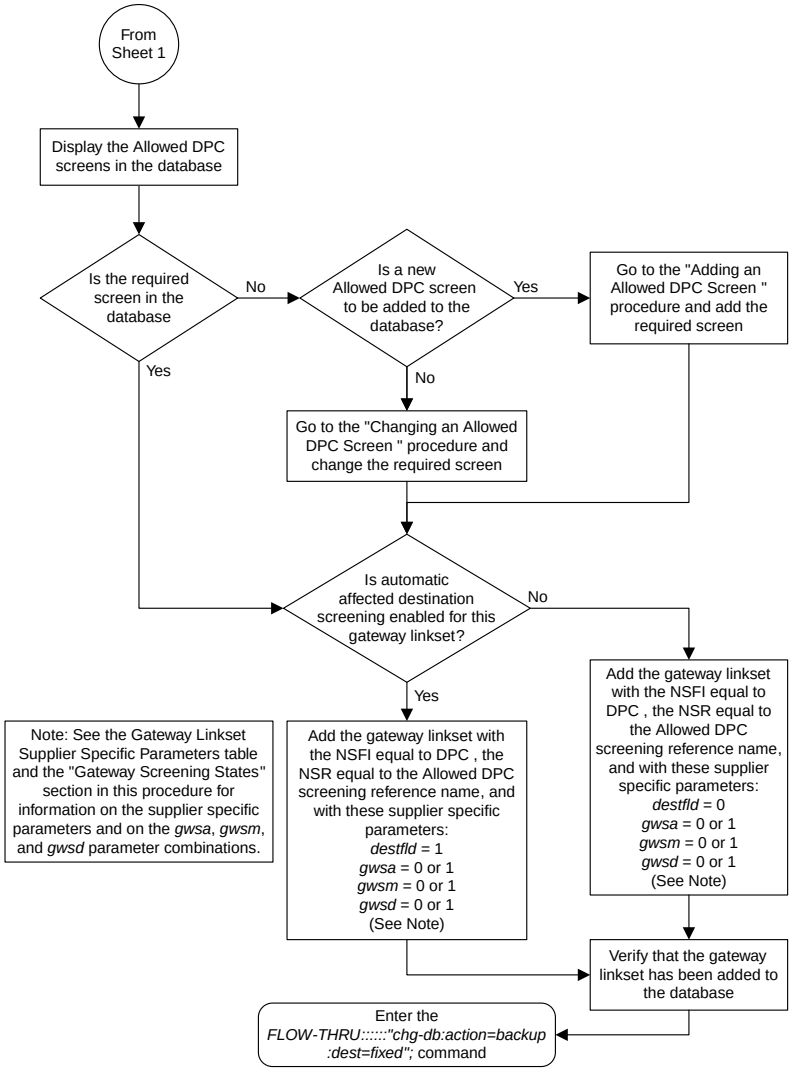
Sheet 4 of 8


From Sheet 1
Display the Blocked OPC screens in the database
Is the required screen in the database
No
Is a new Blocked OPC screen to be added to the database?
Yes
Go to the "Adding a Blocked OPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked OPC Screen" procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Add the gateway linkset with the NSFI equal to BLKOPC, the NSR equal to the Blocked OPC screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Add the gateway linkset with the NSFI equal to BLKOPC, the NSR equal to the Blocked OPC screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

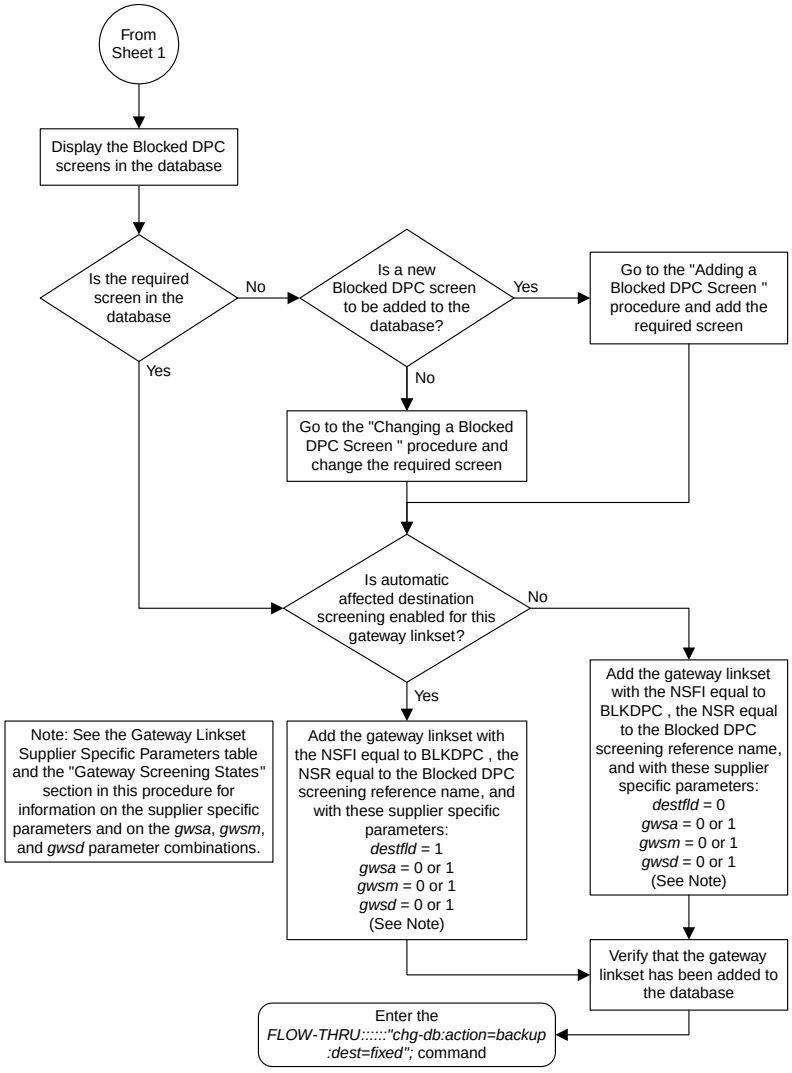
Sheet 5 of 8


From Sheet 1
Display the Allowed SIO screens in the database
Is the required screen in the database
No
Is a new Allowed SIO screen to be added to the database?
Yes
Go to the "Adding an Allowed SIO Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed SIO Screen" procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Add the gateway linkset with the NSFI equal to SIO, the NSR equal to the Allowed SIO screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Add the gateway linkset with the NSFI equal to SIO, the NSR equal to the Allowed SIO screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 6 of 8


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen " procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen " procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Add the gateway linkset with the NSFI equal to DPC , the NSR equal to the Allowed DPC screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Add the gateway linkset with the NSFI equal to DPC , the NSR equal to the Allowed DPC screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been added to the database
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 7 of 8



Sheet 8 of 8

Removing a Gateway Linkset

This procedure is used to remove a gateway linkset from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. This procedure performs the same functions as the “Removing a Linkset Containing SS7 Signaling Links” on in the *Database Administration Manual* - SS7 and the “Removing a Screen Set” in the *Database Administration Manual* - Gateway Screening.

On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure

can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface. If the linkset name of the linkset being removed was configured on the EAGLE 5 ISS with more than eight characters, only the first eight characters of the linkset name can be specified in this procedure.

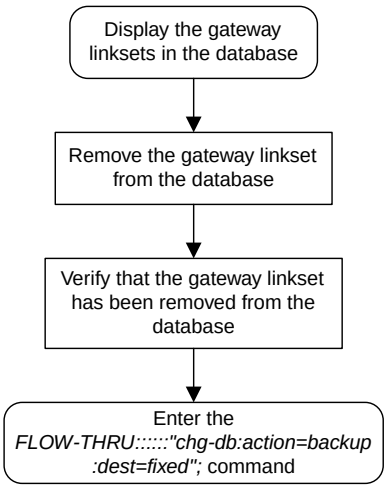


Figure 53: Removing a Gateway Linkset from the SEAS Terminal

Changing a Gateway Linkset

This procedure is used to change a gateway linkset in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. This procedure performs the same functions as the "Changing an SS7 Linkset" in the *Database Administration Manual - SS7* and the "Changing a Screen Set" in the *Database Administration Manual - Gateway Screening*.

On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linkset names specified in this procedure can have a maximum of eight characters. For linkset names provisioned on the EAGLE 5 ISS that have more than eight characters, the SEAS interface truncates the linkset name to the first eight characters when that linkset name is displayed on the SEAS interface.

Supplier Specific Parameters

The EAGLE 5 ISS accepts the values for these parameters as supplier specific parameters: `gwsa`, `gwsm`, `gwsd`, `actname`, and `destfld` *Table 17: Gateway Linkset Supplier Specific Parameters*. shows how the EAGLE 5 ISS parameter values are mapped to the SEAS values and a definition of each parameter.

For more information on the `gwsa`, `gwsm`, and `gwsd` parameters, see "Changing an SS7 Linkset" in the *Database Administration Manual – SS7* and "Gateway Screening States" in the *Database Administration Manual – Gateway Screening*.

For more information on the `actname` parameter, see "Configuring Gateway Screening Stop Action Sets" in the *Database Administration Manual – Gateway Screening*.

For more information on the `destfld` parameter, see "Automatic Destination Field Screening" in the *Database Administration Manual – Gateway Screening*.

The supplier specific parameters must be entered in this order.

:"[GWSA], [GWSM], [GWSD], [ACTNAME], [DESTFLD]":

The supplier specific parameters are optional. The current value of any supplier specific parameter that is not specified when changing the linkset is not changed.

If the characters `::` are specified for the supplier specific parameters, the EAGLE 5 ISS sets the Gateway Screening `GWSA`, `GWSM`, `GWSD` parameter values to their default values and possibly change any values that were previously set for these parameters.

If the characters `:",,,,":` are specified for the supplier specific parameters, the values for all the supplier specific parameters are not changed.

Table 17: Gateway Linkset Supplier Specific Parameters

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
GWSA	ON OFF	1 0	Gateway screening action – This parameter determines whether gateway screening (GWS) is on or off for the specified link set.
GWSM	ON OFF	1 0	Gateway screening messaging – This parameter is used to turn on or off the display of messages generated for each screened message. When an MSU is rejected by gateway screening, a message is output to alert personnel of the event.
GWSD	ON OFF	1 0	Gateway screening MSU discard – This parameter is used to turn on or off the discarding of MSUs on the linkset.
ACTNAME	up to 6 alphanumeric characters	up to 6 alphanumeric characters	The gateway screening stop action set name – This parameter defines the additional actions the EAGLE 5 ISS can perform on MSUs that pass gateway screening and can only be specified when the NSFI of the screen is `stop`.
DESTFLD	YES NO	1 0	The `destfld` parameter shows whether or not network management messages are screened automatically by gateway screening without configuring an Allowed Affected Destination Field screen.

When the gateway linkset is displayed, the supplier specific parameter values are displayed in this order.

GWSA, GWSM, GWSD, ACTNAME, DESTFLD, SCRN

Note: The SCRN parameter value is used by the EAGLE 5 ISS's linkset commands to associate a screen set created by the EAGLE 5 ISS's gateway screening screen set commands with a linkset. The SEAS linkset commands do not contain parameters that make this association. The association of a linkset to a gateway screening screen set in SEAS is made with the gateway linkset commands. However, the SEAS gateway linkset commands do not contain a parameter to give the screen set a name, as the EAGLE 5 ISS's gateway screening screen set commands do, but the EAGLE 5 ISS's `rtrv-scrset` command will display the screen sets created by the SEAS gateway linkset commands. For the `rtrv-scrset` command to display these screen sets, the EAGLE 5 ISS creates a unique screen set name, beginning with the numeric character 0, and this screen set name is shown by the SCRN parameter value when a gateway linkset is displayed in SEAS.

Gateway Screening States

Gateway screening on a particular linkset can be set to be in one of four states:

NO SCREENING – Screening is not performed. All message signaling units (MSUs) are passed. This state is set by specifying the supplier specific parameters `gwsa` and `gwsm` equal to 0 (off).

SCREEN AND REPORT – Screening is performed. When an MSU fails screening it is discarded, an output message is generated, and measurements are pegged. This state is set by specifying the supplier specific parameters `gwsa` and `gwsm` equal to 1 (on).

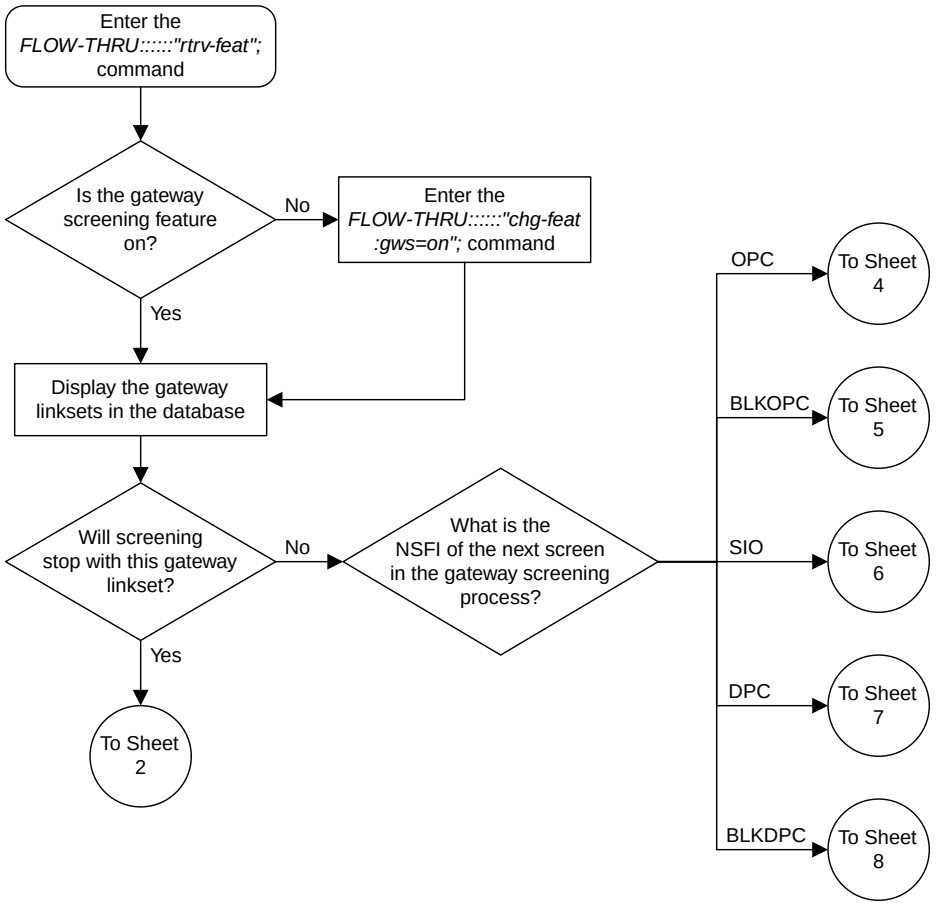
SCREENANDDON'T REPORT – Screening is performed. When an MSU fails screening it is discarded and measurements are pegged, but no output message is generated. This state is set by specifying the supplier specific parameters `gwsa` to 1 (on) and `gwsm` to 0 (off).

SCREEN TEST MODE – Screening is performed, but all MSUs are passed. When an MSU fails screening, an output message is generated, but the MSU is still passed. This state is set by specifying the supplier specific parameters `gwsa` to 0 (off) and `gwsm` to 1 (on).

Caution: When Gateway Screening is in the screen test mode, as defined by the linkset parameters `gwsa=0` and `gwsm=1`, the gateway screening action in the gateway screening stop action set specified by the `actname` parameter will be performed.

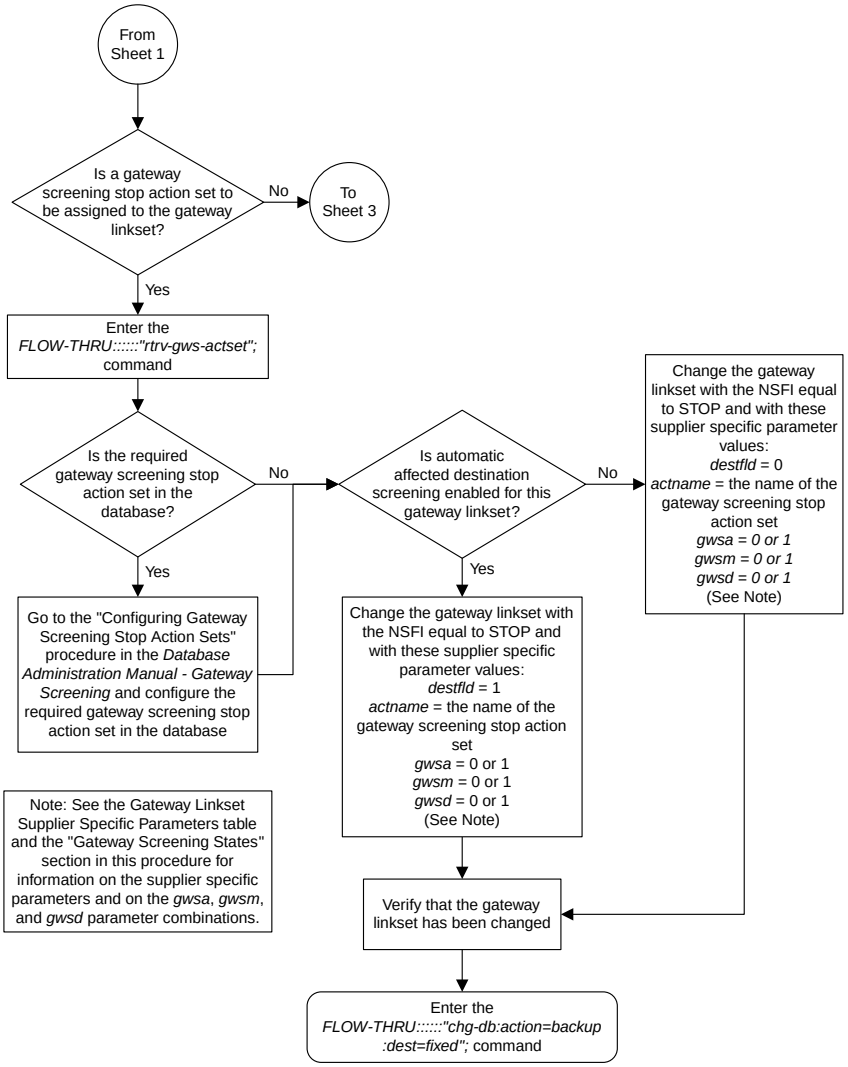
If a gateway screening stop action set is to be assigned to the gateway linkset, the name of the gateway screening stop action set must be defined in the database. The gateway screening stop action sets in the database can be shown using the EAGLE 5 ISS command `rtrv-gws-actset`. For more information on the gateway screening stop action sets, see "Configuring Gateway Screening Stop Action Sets" in the *Database Administration Manual – Gateway Screening*.

The `gwsd` parameter allows the discarding of messages that should have gone through the gateway screening process, but did not. The `gwsd` parameter is only intended to be used with the Database Transport Access (DTA) feature. If you are not using the DTA feature, the `gwsd` parameter should not be specified or should be set to no (`gwsd=0`). for more information on the DTA feature, see "Database Transport Access (DTA) Configuration," in the *Database Administration Manual - Features*.

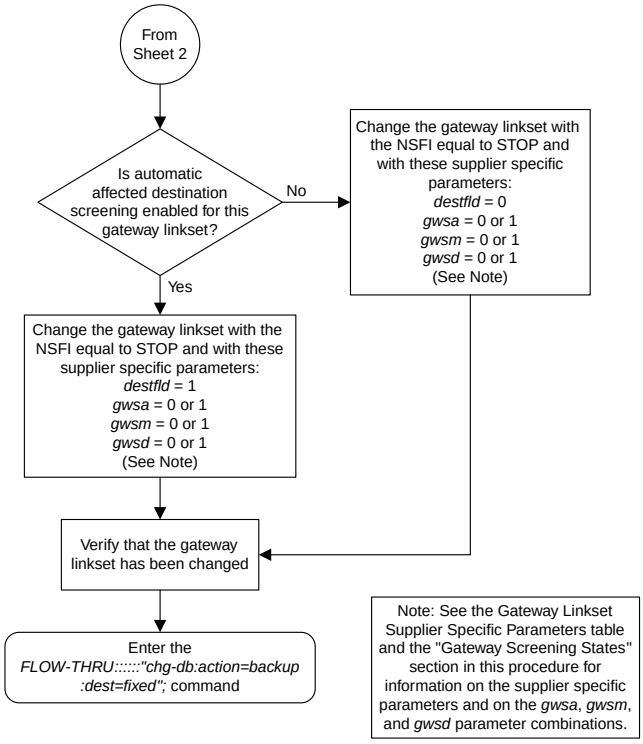


Sheet 1 of 8

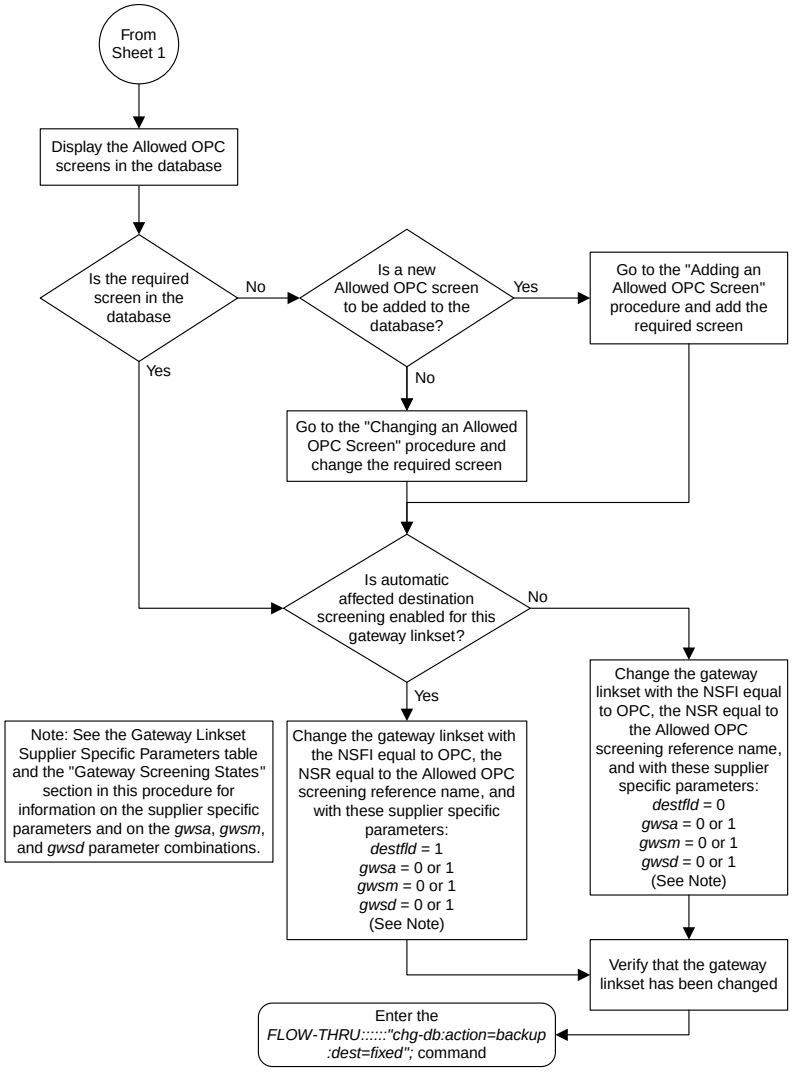
Figure 54: Changing a Gateway Linkset from the SEAS Terminal


From Sheet 1
Is a gateway screening stop action set to be assigned to the gateway linkset?
No
To Sheet 3
Yes
Enter the *FLOW-THRU:::::::"rtrv-gws-actset";* command
Is the required gateway screening stop action set in the database?
No
Is automatic affected destination screening enabled for this gateway linkset?
No
Change the gateway linkset with the NSFI equal to STOP and with these supplier specific parameter values:
destfld = 0
actname = the name of the gateway screening stop action set
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Yes
Yes
Go to the "Configuring Gateway Screening Stop Action Sets" procedure in the *Database Administration Manual - Gateway Screening* and configure the required gateway screening stop action set in the database
Change the gateway linkset with the NSFI equal to STOP and with these supplier specific parameter values:
destfld = 1
actname = the name of the gateway screening stop action set
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the *gwsa*, *gwsm*, and *gwsd* parameter combinations.
Verify that the gateway linkset has been changed
Enter the *FLOW-THRU:::::::"chg-db:action=backup :dest=fixed";* command

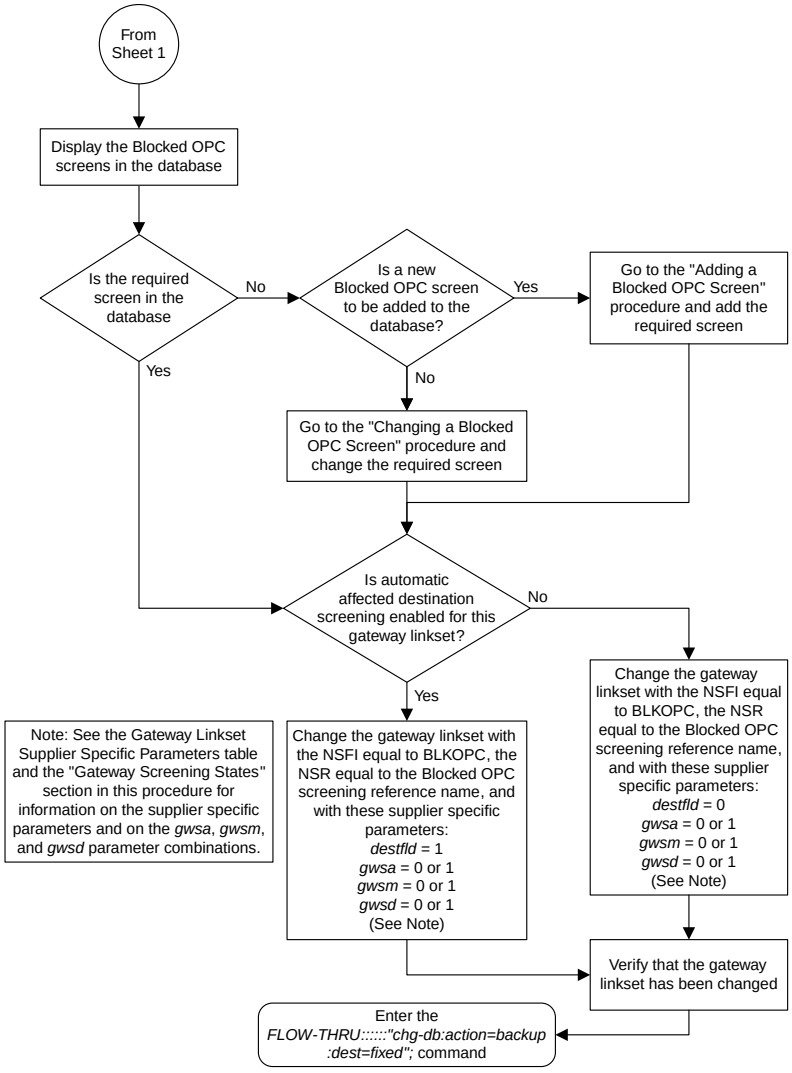
Sheet 2 of 8


From Sheet 2
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Change the gateway linkset with the NSFI equal to STOP and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Change the gateway linkset with the NSFI equal to STOP and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been changed
Enter the FLOW-THRU:::::::"chg-db:action=backup :dest=fixed"; command
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.

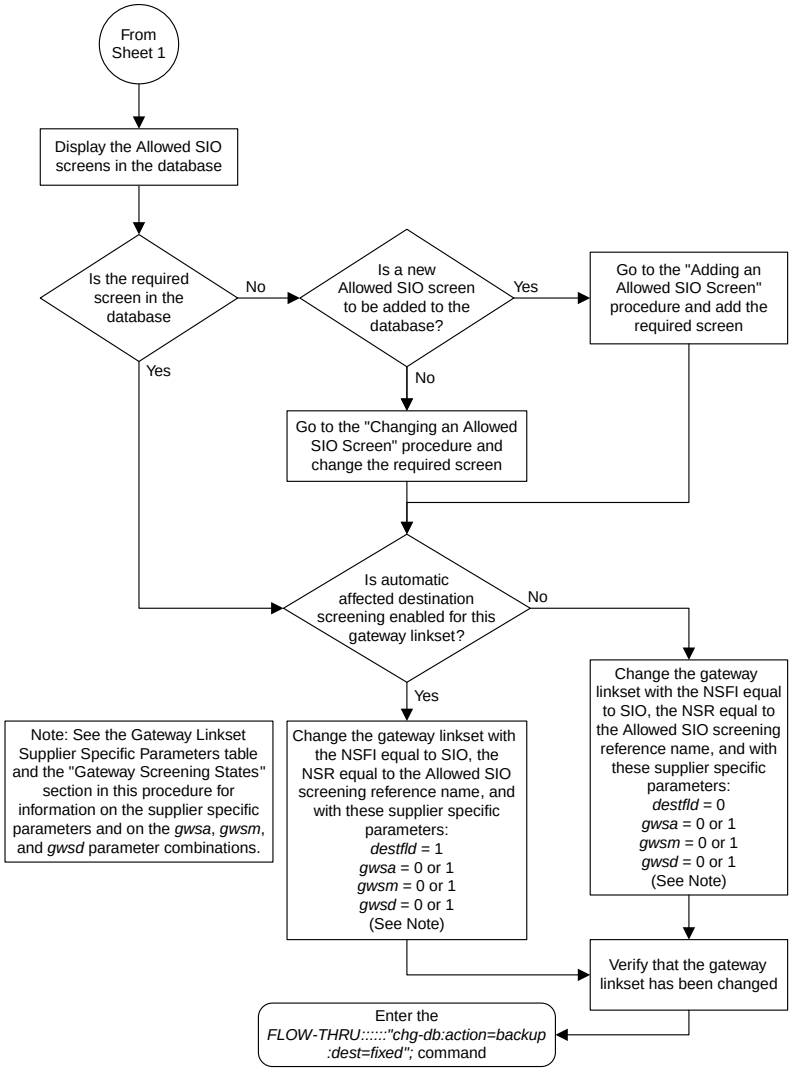
Sheet 3 of 8


From Sheet 1
Display the Allowed OPC screens in the database
Is the required screen in the database
No
Is a new Allowed OPC screen to be added to the database?
Yes
Go to the "Adding an Allowed OPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed OPC Screen" procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Change the gateway linkset with the NSFI equal to OPC, the NSR equal to the Allowed OPC screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Change the gateway linkset with the NSFI equal to OPC, the NSR equal to the Allowed OPC screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

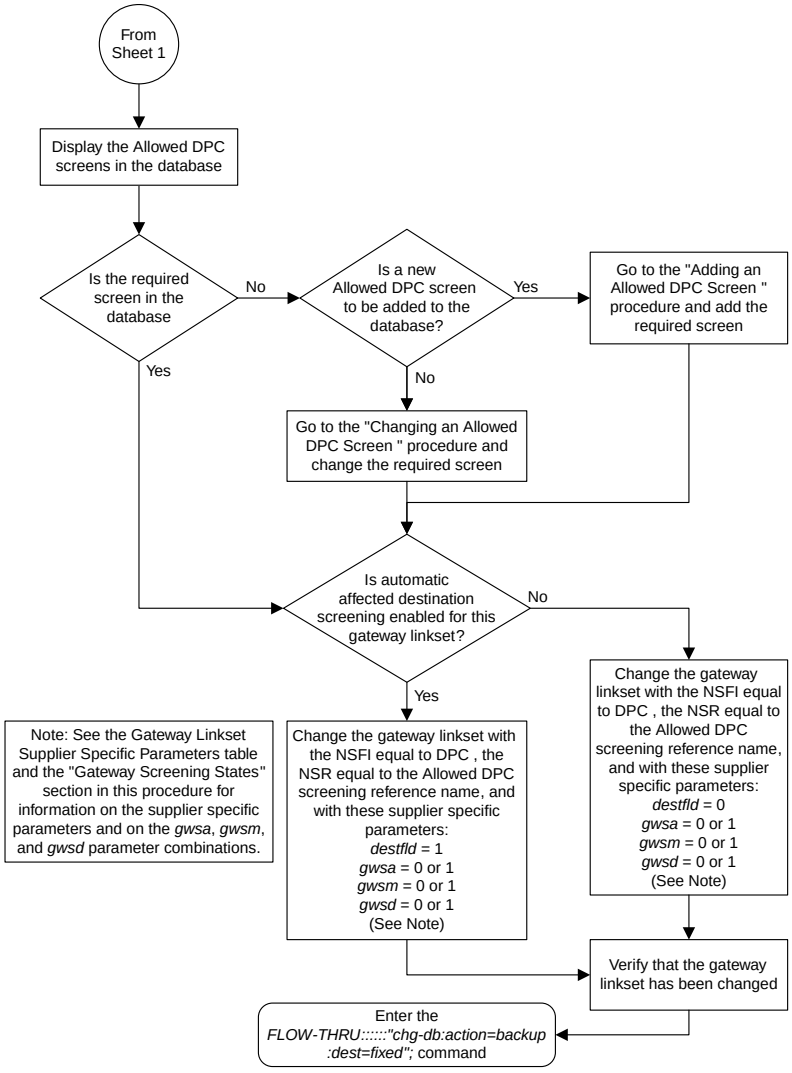
Sheet 4 of 8


From Sheet 1
Display the Blocked OPC screens in the database
Is the required screen in the database
No
Is a new Blocked OPC screen to be added to the database?
Yes
Go to the "Adding a Blocked OPC Screen" procedure and add the required screen
Yes
No
Go to the "Changing a Blocked OPC Screen" procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Change the gateway linkset with the NSFI equal to BLKOPC, the NSR equal to the Blocked OPC screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Change the gateway linkset with the NSFI equal to BLKOPC, the NSR equal to the Blocked OPC screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

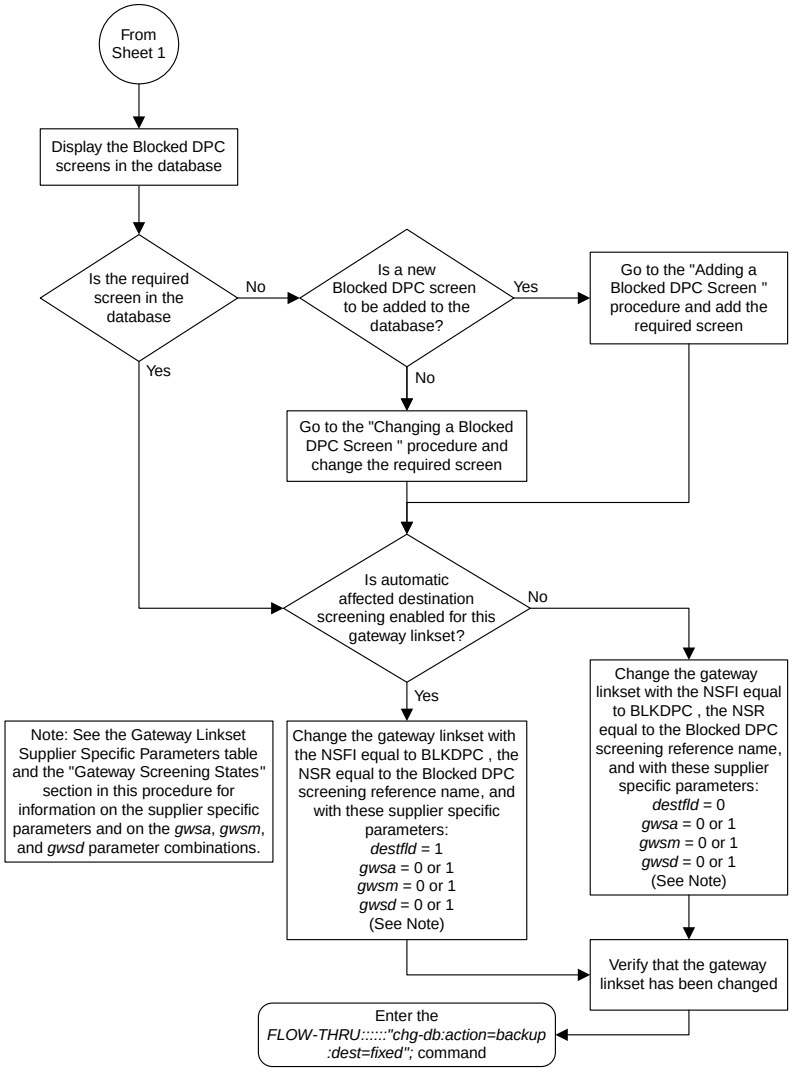
Sheet 5 of 8


From Sheet 1
Display the Allowed SIO screens in the database
Is the required screen in the database
No
Is a new Allowed SIO screen to be added to the database?
Yes
Go to the "Adding an Allowed SIO Screen" procedure and add the required screen
Yes
No
Go to the "Changing an Allowed SIO Screen" procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Change the gateway linkset with the NSFI equal to SIO, the NSR equal to the Allowed SIO screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Change the gateway linkset with the NSFI equal to SIO, the NSR equal to the Allowed SIO screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 6 of 8


From Sheet 1
Display the Allowed DPC screens in the database
Is the required screen in the database
No
Is a new Allowed DPC screen to be added to the database?
Yes
Go to the "Adding an Allowed DPC Screen " procedure and add the required screen
Yes
No
Go to the "Changing an Allowed DPC Screen " procedure and change the required screen
Is automatic affected destination screening enabled for this gateway linkset?
No
Yes
Change the gateway linkset with the NSFI equal to DPC , the NSR equal to the Allowed DPC screening reference name, and with these supplier specific parameters:
destfld = 0
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Note: See the Gateway Linkset Supplier Specific Parameters table and the "Gateway Screening States" section in this procedure for information on the supplier specific parameters and on the gwsa, gwsm, and gwsd parameter combinations.
Change the gateway linkset with the NSFI equal to DPC , the NSR equal to the Allowed DPC screening reference name, and with these supplier specific parameters:
destfld = 1
gwsa = 0 or 1
gwsm = 0 or 1
gwsd = 0 or 1
(See Note)
Verify that the gateway linkset has been changed
Enter the FLOW-THRU::::::"chg-db:action=backup :dest=fixed"; command

Sheet 7 of 8



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Setting the Threshold for Reporting Gateway Screening Activity

This procedure is used to set the threshold for reporting these gateway screening activities.

- The threshold for MSUs received on a gateway link set.
- The threshold for MSUs rejected on a gateway link set because of screening.

This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Setting the Threshold for Reporting Gateway Screening Activity" in the *Database Administration Manual* - Gateway Screening.

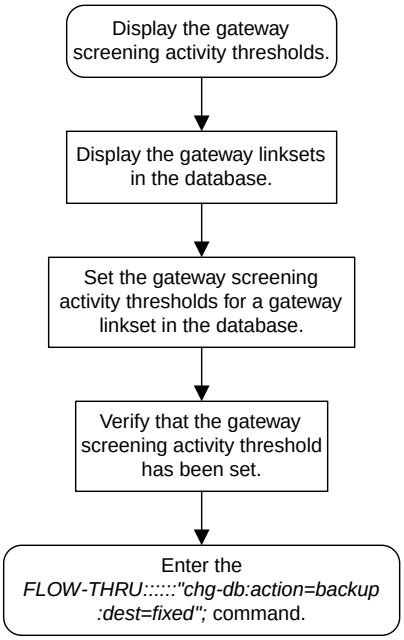


Figure 55: Setting the Threshold for Reporting Gateway Screening Activity from the SEAS Terminal

Setting the Maximum Number of Gateway Screening Rejected Messages

This procedure is used to configure the maximum number of UIMs sent to the terminal and the amount of time during which the UIMs are sent. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Setting the Maximum Number of Gateway Screening Rejected Messages" in the *Database Administration Manual* - Gateway Screening.

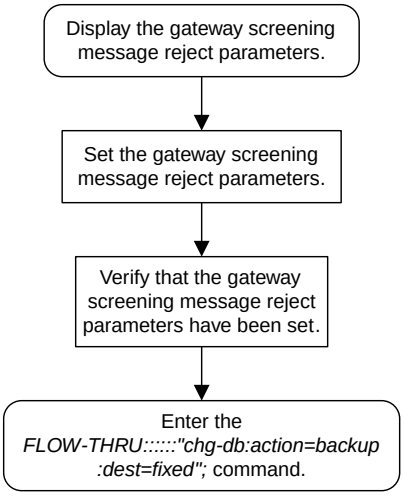


Figure 56: Setting the Maximum Number of Gateway Screening Rejected Messages from the SEAS Terminal

Adding an Allowed ISUP Message Type Screen

This procedure is used to add an allowed ISUP message type screen to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `chg-feat`, and `chg-db`. For more information on this procedure, see "Adding an Allowed ISUP Message Type Screen" in the *Database Administration Manual - Gateway Screening*.

Note: Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

If you wish to assign gateway screening stop action sets to the allowed ISUP message type screen, or use the `tupmt` parameter of the EAGLE 5 ISS's `ent-scr-isup` command, perform the "Adding an Allowed ISUP Message Type Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The `tupmt` parameter (TUP message type) of the EAGLE 5 ISS's `ent-scr-isup` command is not supported by SEAS. A screen can be provisioned to screen for TUP messages using the SEAS interface by provisioning an allowed SIO screen with the service indicator value of 4, with the NSFI value of ISUP, and the screening reference name (NSR) of the allowed ISUP screen to be used to screen for TUP messages. Go to one of these procedures to provision the allowed SIO screen:

- *Adding an Allowed SIO Screen*
- *Changing an Allowed SIO Screen*.

Note: Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

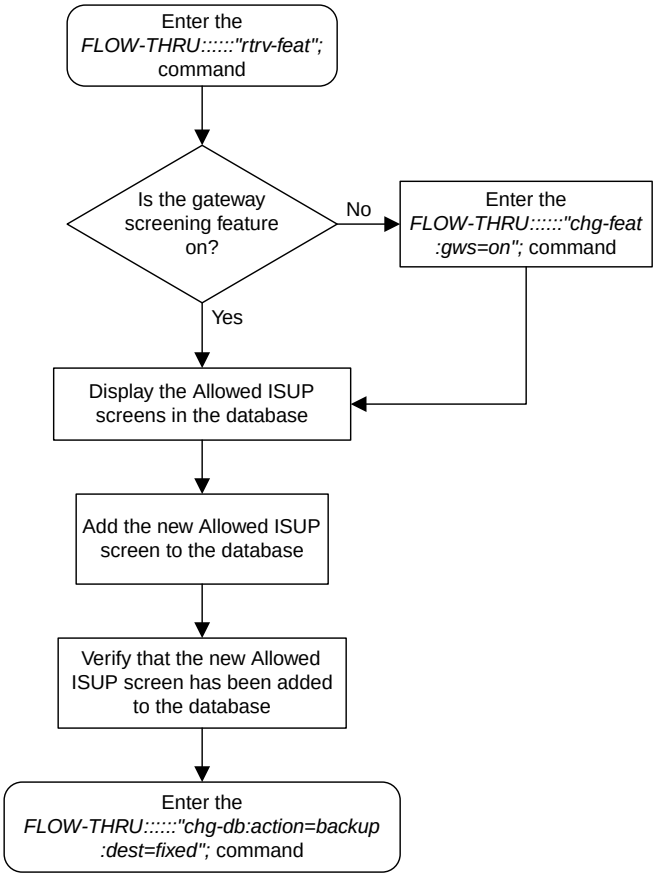
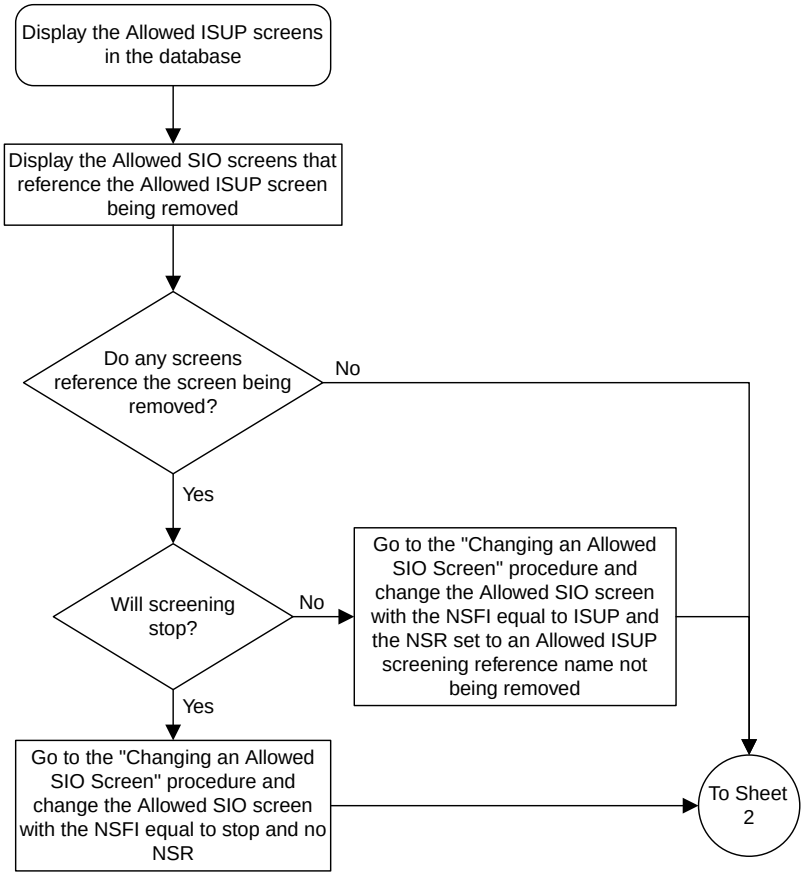


Figure 57: Adding an Allowed ISUP Message Type Screen from the SEAS Terminal

Removing an Allowed ISUP Message Type Screen

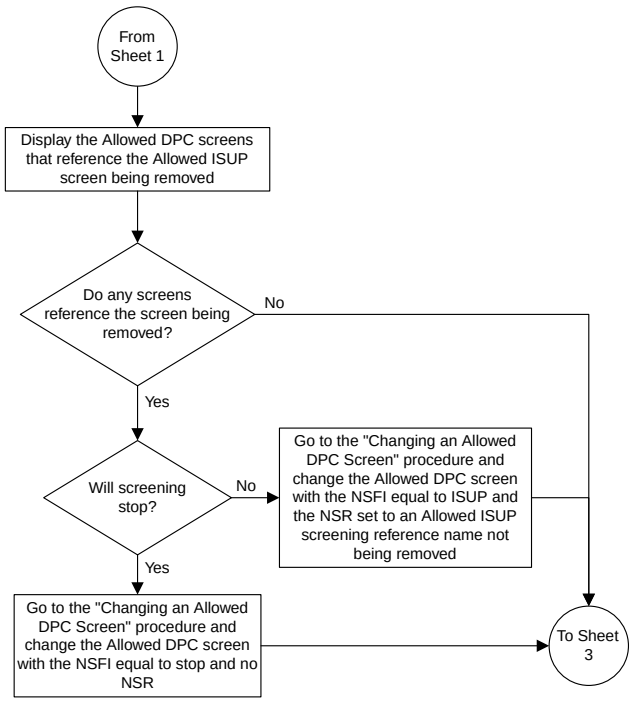
This procedure is used to remove an allowed ISUP message type screen from the database. This procedure uses the EAGLE 5 ISS `chg-db` command. For more information on this procedure, see "Removing an Allowed ISUP Message Type Screen" in the *Database Administration Manual* - Gateway Screening.

If you wish to use the `tupmt` parameter of the EAGLE 5 ISS's `dlt-scr-isup` command, perform the "Changing an Allowed ISUP Message Type Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

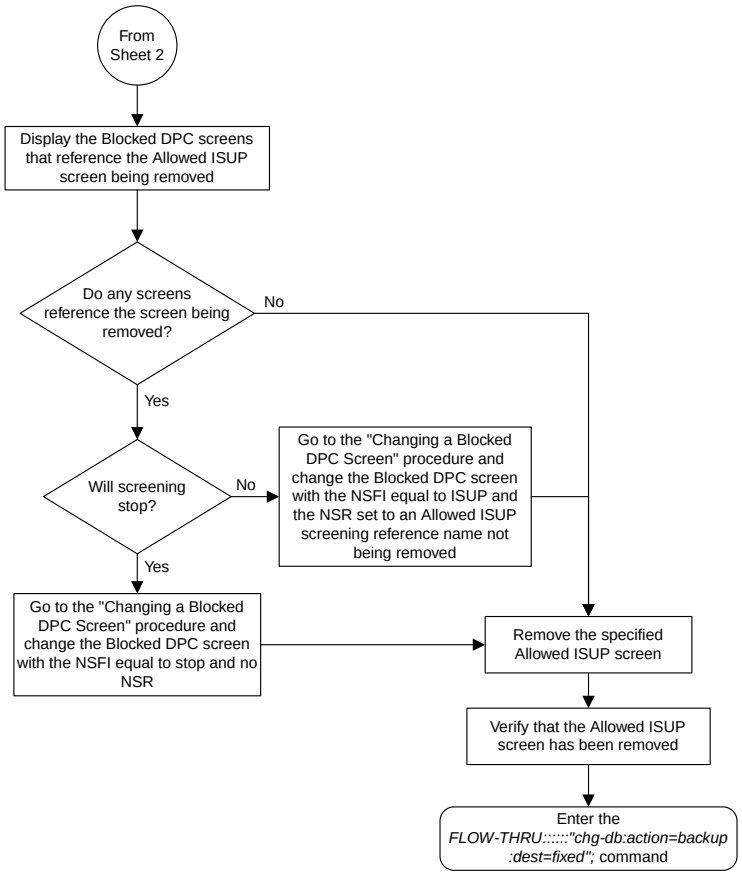


Sheet 1 of 3

Figure 58: Removing an Allowed ISUP Message Type Screen from the SEAS Terminal


From Sheet 1
Display the Allowed DPC screens that reference the Allowed ISUP screen being removed
Do any screens reference the screen being removed?
No
Yes
Will screening stop?
No
Go to the "Changing an Allowed DPC Screen" procedure and change the Allowed DPC screen with the NSFI equal to ISUP and the NSR set to an Allowed ISUP screening reference name not being removed
Yes
Go to the "Changing an Allowed DPC Screen" procedure and change the Allowed DPC screen with the NSFI equal to stop and no NSR
To Sheet 3

Sheet 2 of 3



Sheet 3 of 3

Changing an Allowed ISUP Message Type Screen

This procedure is used to change the attributes of an allowed ISUP message type screen in the database. This procedure uses the EAGLE 5 ISS `chg-db` command. For more information on this procedure, see "Changing an Allowed ISUP Message Type Screen" in the *Database Administration Manual* - Gateway Screening.

If you wish to assign gateway screening stop action sets to the allowed ISUP message type screen being changed, or use the `tupmt` and `ntupmt` parameters of the EAGLE 5 ISS's `chg-scr-isup` command, perform the "Changing an Allowed ISUP Message Type Screen" procedure in the *Database Administration Manual* - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The `tupmt` and `ntupmt` parameters (TUP message type) of the EAGLE 5 ISS's `chg-scr-isup` command are not supported by SEAS. A screen can be provisioned to screen for TUP messages using

the SEAS interface by provisioning an allowed SIO screen with the service indicator value of 4, with the NSFI value of ISUP, and the screening reference name (NSR) of the allowed ISUP screen to be used to screen for TUP messages. Go to one of these procedures to provision the allowed SIO screen:

- *Adding an Allowed SIO Screen*
- *Changing an Allowed SIO Screen*.

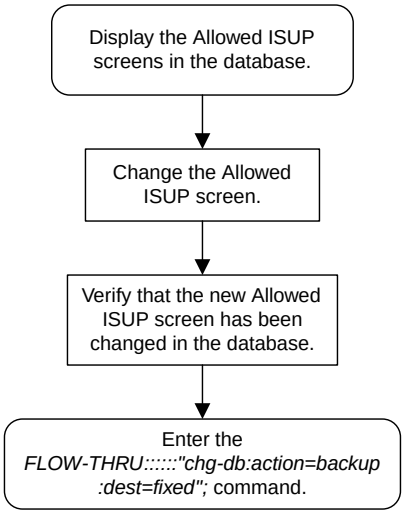


Figure 59: Changing an Allowed ISUP Message Type Screen from the SEAS Terminal

Chapter 6

Enhanced Global Title Translation (EGTT) Configuration

Topics:

- *Provisioning a Mated Application.....266*
- *Removing a Mated Application.....268*
- *Changing a Mated Application.....271*
- *Adding Global Title Address Information.....274*
- *Removing Global Title Address Information....283*
- *Changing Global Title Address Information....285*

Chapter 6, Enhanced Global Title Translation (EGTT) Configuration, describes the procedures used to administer the data required for the enhanced global title translation feature.

Provisioning a Mated Application

This procedure is used to add a dominant mated application to the database.

The only parameters that can be specified with this procedure are the primary point code, primary subsystem number, mate point code, and mate subsystem number. The EAGLE 5 ISS relative cost parameters cannot be specified in this procedure. When the mated application is added to the database with this procedure, the relative cost value for the primary point code and subsystem is defaulted to 10. The relative cost value for the mate point code and subsystem is defaulted to 50. This creates a dominant mated application with only two entries.

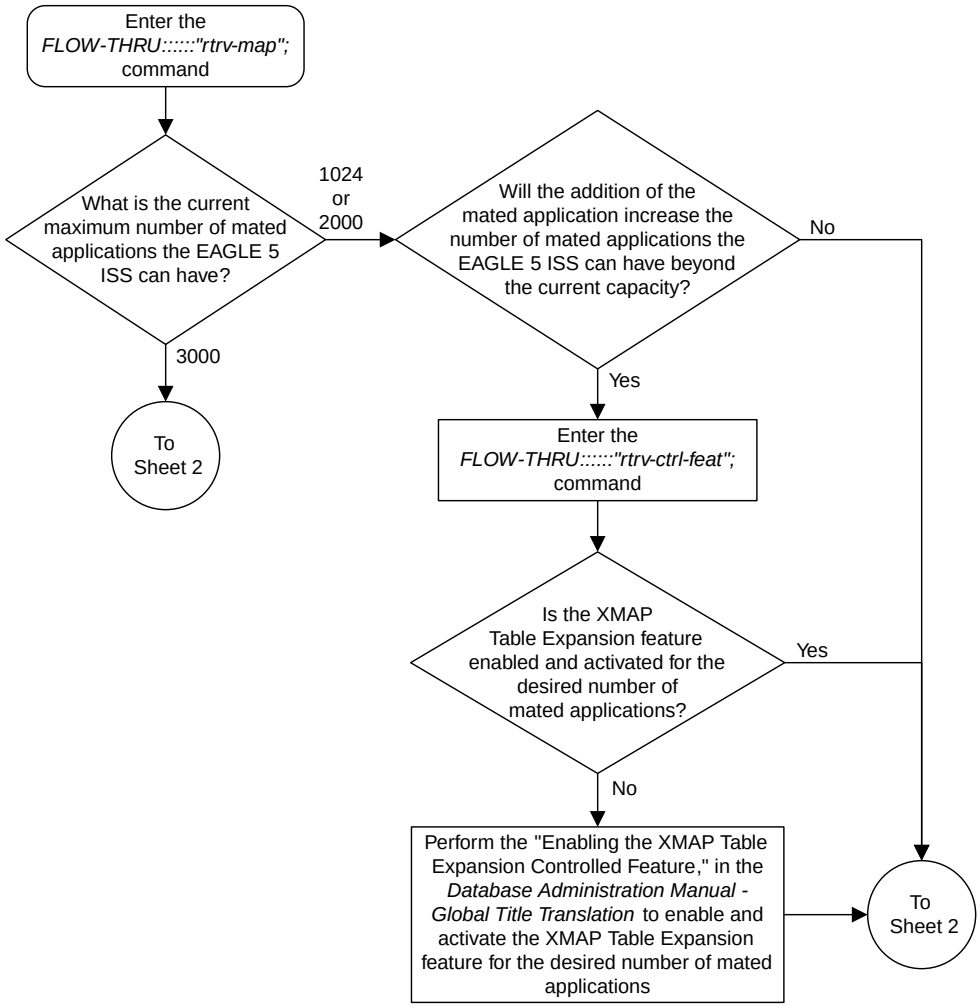
This procedure uses the EAGLE 5 ISS commands `rtrv-map`, `rtrv-ctrl-feat`, `rtrv-dstn`, and `chg-db`. For more information on provisioning mated applications, refer to one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation.

If you wish to use the `pci`, `pcn`, `pcn24`, `mpci`, `mpcn`, `mpcn24`, `srm`, `grp`, `mrc`, `rc`, `materc`, or `mapset`, `wt`, `mwt`, `thr`, `mrnset`, or `mrnpc` parameters of the EAGLE 5 ISS's `ent-map` command, the subsystem assigned to the mated application is the LNP, INP, V-Flex, ATINPQ, AIQ, or EIR subsystem, or you wish to create another type of MAP group or MAP set, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Mated application groups in the EAGLE 5 ISS database can contain up to 32 entries, the primary point code, and up to 31 mate point codes. SEAS allows the user to configure only two entries for each MAP group. To add more entries to the MAP group, up to 30, after performing this procedure, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands. The `rc` and `materc` parameters must be specified with the EAGLE 5 ISS's `chg-map` command. The maximum number of mated application entries that can be provisioned in the EAGLE 5 ISS is 1024, 2000, or 3000, depending on the quantity that is enabled.

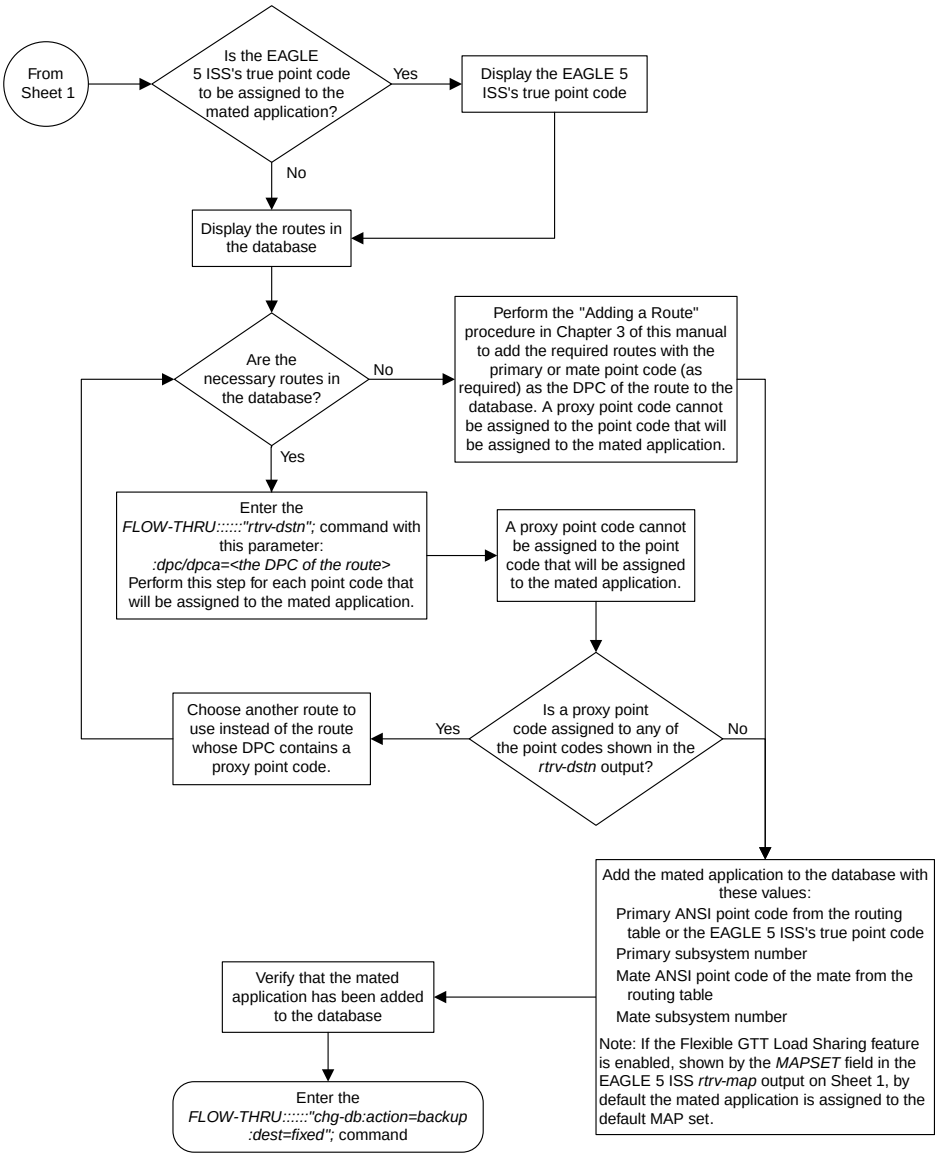
If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-map` output, by default the mated application is assigned to the default MAP set. To assign a mated application to a MAP set other than the default MAP set, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

A proxy point code cannot be assigned to any point code that will be assigned to a mated application.



Sheet 1 of 2

Figure 60: Provisioning a Mated Application



Sheet 2 of 2

Removing a Mated Application

This procedure is used to remove a mated application from the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `rtrv-ctrl-feat`, `rtrv-ss-appl`, `dlt-map`, and `chg-db`. For more information on this procedure, see "Removing a Mated Application" in the *Database Administration Manual - Global Title Translation*.

If you wish to use the `pci`, `pcn`, `pcn24`, `all`, `mapset`, or `mrnset` parameters of the EAGLE 5 ISS's `dlt-map` command, perform the "Removing a Mated Application" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, only entries in the default MAP set are displayed from the SEAS terminal. Performing this procedure removes only mated application entries in the default MAP set. To remove entries from a MAP set other than the default MAP set, perform the "Removing a Mated Application" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The output from the EAGLE 5 ISS command `rtrv-ctrl-feat` shows whether or not the Flexible GTT Load Sharing feature is enabled.

The EAGLE 5 ISS's point code and subsystem can be assigned to the mated application. If the mated application contains EAGLE 5 ISS's point code and the subsystem shown in *Table 18: Mated Application Subsystem Features*, perform the "Removing a Mated Application" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Table 18: Mated Application Subsystem Features

Feature	Feature Status	Subsystem
INP	Enabled and Turned On	INP
ANSI-41 INP Query	Enabled and Turned On	INP
EIR	Enabled and Turned On	EIR
V-FLEX	Enabled and Turned On	V-FLEX
ATINP	Enabled	ATINPQ
LNP	Enabled	LNP
ANSI41 AIQ	Enabled	AIQ

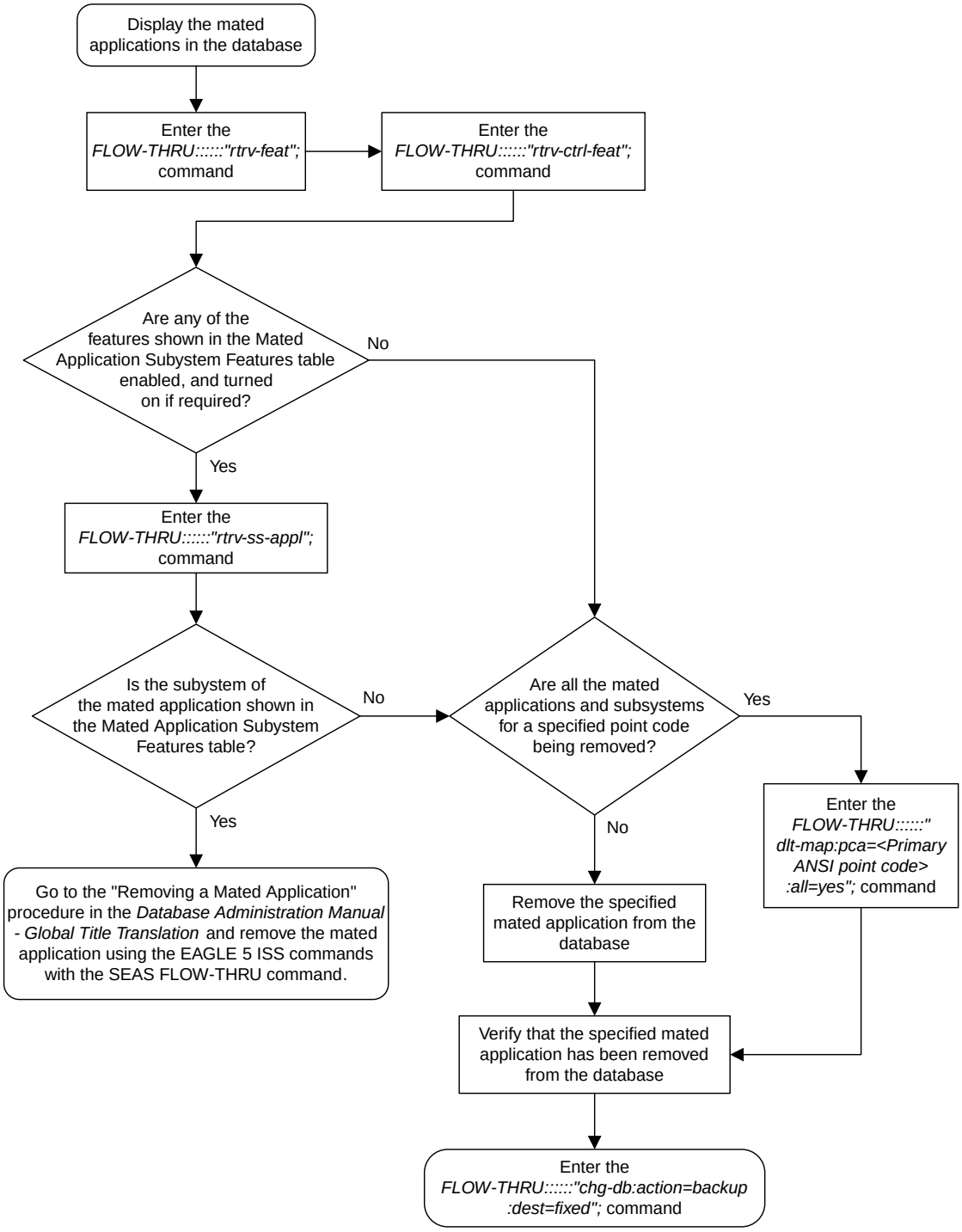


Figure 61: Removing a Mated Application

Changing a Mated Application

This procedure is used to change an existing mated application in the database. The only parameters that can be specified in this procedure are the primary point code, primary subsystem number, mate point code, and mate subsystem number. The EAGLE 5 ISS relative cost parameters cannot be specified in this procedure. When the mated application is added to the database with this procedure, the relative cost value for the primary point code and subsystem is defaulted to 10. The relative cost value for the mate point code and subsystem is defaulted to 50. This creates a dominant mated application with two entries.

If you wish to use the `pci`, `pcn`, `pcn24`, `mpci`, `mpcn`, `mpcn24`, `srm`, `grp`, `mrc`, `rc`, `materc`, `sso`, `mapset`, `eswt`, `wt`, `mwt`, `grpwt`, `thr`, `mrnset`, or `mrnpc` parameters of the EAGLE 5 ISS's `chg-map` command, or if the subsystem assigned to the mated application is the LNP, EIR, V-Flex, ATINPQ, AIQ, or INP subsystem, performany of the procedures from the *Database Administration Manual - Global Title Translation* that are shown in *Table 19: EAGLE 5 ISS Changing a Mated Application Procedures* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

Table 19: EAGLE 5 ISS Changing a Mated Application Procedures

Changing the Attributes of a Mated Application
Changing the Mated Application Type
Changing the Weight and In-Service Threshold Values of a Mated Application
Changing the MRNSET and MRN Point Code Values of MAP Entries

If you plan to change the existing MAP group to another type of MAP group, perform the Changing the Mated Application Type procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands

The mate point code cannot be changed to the EAGLE 5 ISS's true point code.

This procedure uses the EAGLE 5 ISS commands `chg-db` and `rtrv-dstn`. For more information about changing a mated application, refer to the procedures from the *Database Administration Manual - Global Title Translation* that are shown in *Table 19: EAGLE 5 ISS Changing a Mated Application Procedures*on this procedure, see "Changing a Mated Application" in the *Database Administration Manual - Global Title Translation*.

No new entries can be added to a mated application group with this procedure. Mated application groups in the EAGLE 5 ISS database can contain up to 32 eight entries, the primary point code, and up to 31 seven mate point codes. SEAS allows the user to configure only two entries for each MAP group. To add more entries to the MAP group, up to 30 six, perform one of the "Provisioning a Mated Application" procedures in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands. The `rc` and `materc` parameters must be specified with the EAGLE 5 ISS's `chg-map` command. The maximum number of mated application entries that can be provisioned in the EAGLE 5 ISS is 1024, 2000, or 3000, depending on the quantity that is enabled.

If the Flexible GTT Load Sharing feature is enabled, only entries in the default MAP set are displayed from the SEAS terminal. Performing this procedure changes only mated application entries in the default MAP set. To change entries in a MAP set other than the default MAP set, perform any of the

procedures from the *Database Administration Manual - Global Title Translation* that are shown in *Table 19: EAGLE 5 ISS Changing a Mated Application Procedures* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The output from the EAGLE 5 ISS command `rtrv-ctrl-feat` shows whether or not the Flexible GTT Load Sharing feature is enabled.

A proxy point code cannot be assigned to any point code that will be assigned to a mated application.

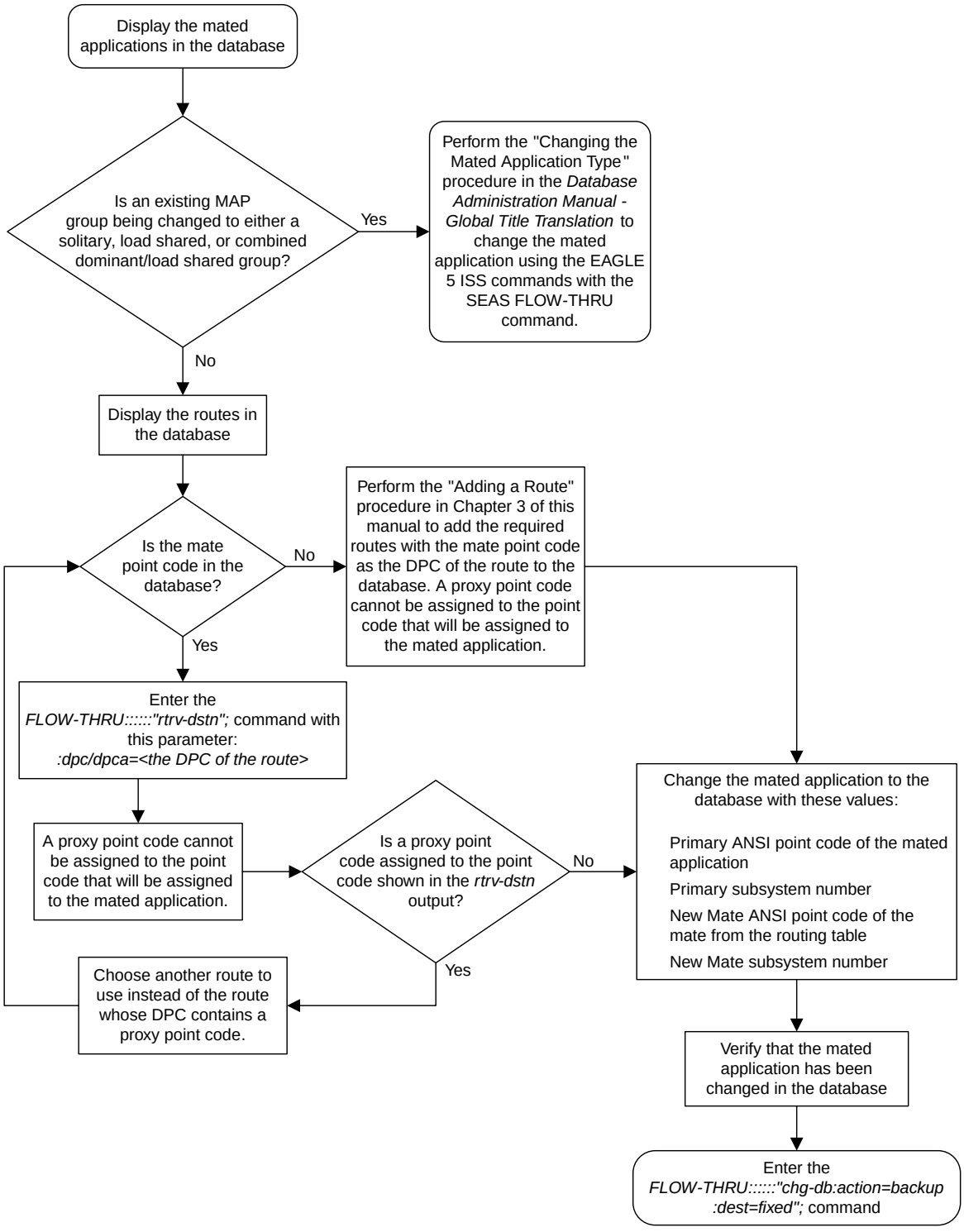


Figure 62: Changing a Mated Application

Adding Global Title Address Information

This procedure is used to add global title address information to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-ctrl-feat`, `rtrv-gttset`, `rtrv-feat`, `chg-feat`, `rtrv-card`, `rtrv-gta`, `rtrv-dstn`, and `chg-db`. For more information on this procedure, see "Adding Global Title Address Information" in the *Database Administration Manual - Global Title Translation*.

The following parameters of the EAGLE 5 ISS's `ent-gta` command are not supported by SEAS: `pci`, `pcn`, `pcn24`, `xlat`, `actsn`, `ccgt`, `force`, `gtmodid`, `ppmeasreqd`, `mrnset`, `mapset`, `opcsn`, `cgpc/cgpca/cgpci/cgpcn/cgpcn24`, `opc/opca/opci/opcn/opcn24`, `dpc/dpca/dpci/dpcn/dpcn24`, `cgssn`, `ecgssn`, `loopset`, `optsn`, `cdssn`, `ecdssn`, `cgselid`, `cdselid`, `fallback`, `testmode`, `cgcnvsn`, `family`, `opcode`, `pkgtype`, `acn`, or `cggtmod`. SEAS does not support hexadecimal digits as the value of the global title address parameter. If you wish to use any of these parameters or use hexadecimal digits as the value for the global title address parameter, perform the "Adding Global Title Address Information" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MRNSET` field in the EAGLE 5 ISS `rtrv-gta` output, and the routing indicator of the global title translation is `G` (the EAGLE 5 ISS value `GT`), by default, the global title translation is assigned to the default MRN set. To assign the global title translation to an MRN set other than the default MRN set, perform the "Adding Global Title Address Information" procedure in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-gta` output, and the routing indicator of the global title translation is `D` (the EAGLE 5 ISS value `SSN`), by default, the global title translation is assigned to the default MAP set. To assign the global title translation to a MAP set other than the default MAP set, perform the "Adding a Global Title Address Information" procedure in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The EAGLE 5 ISS `XLAT` parameter does not have a SEAS equivalent. When global title address information is configured at the SEAS interface, the values for the SEAS parameters `RI`, `DPC`, and `SSN`, all mandatory parameters for the SEAS `ADD-GTT` and `CHG-GTT` commands, are converted to the EAGLE 5 ISS parameters and values shown in *Table 20: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion*.

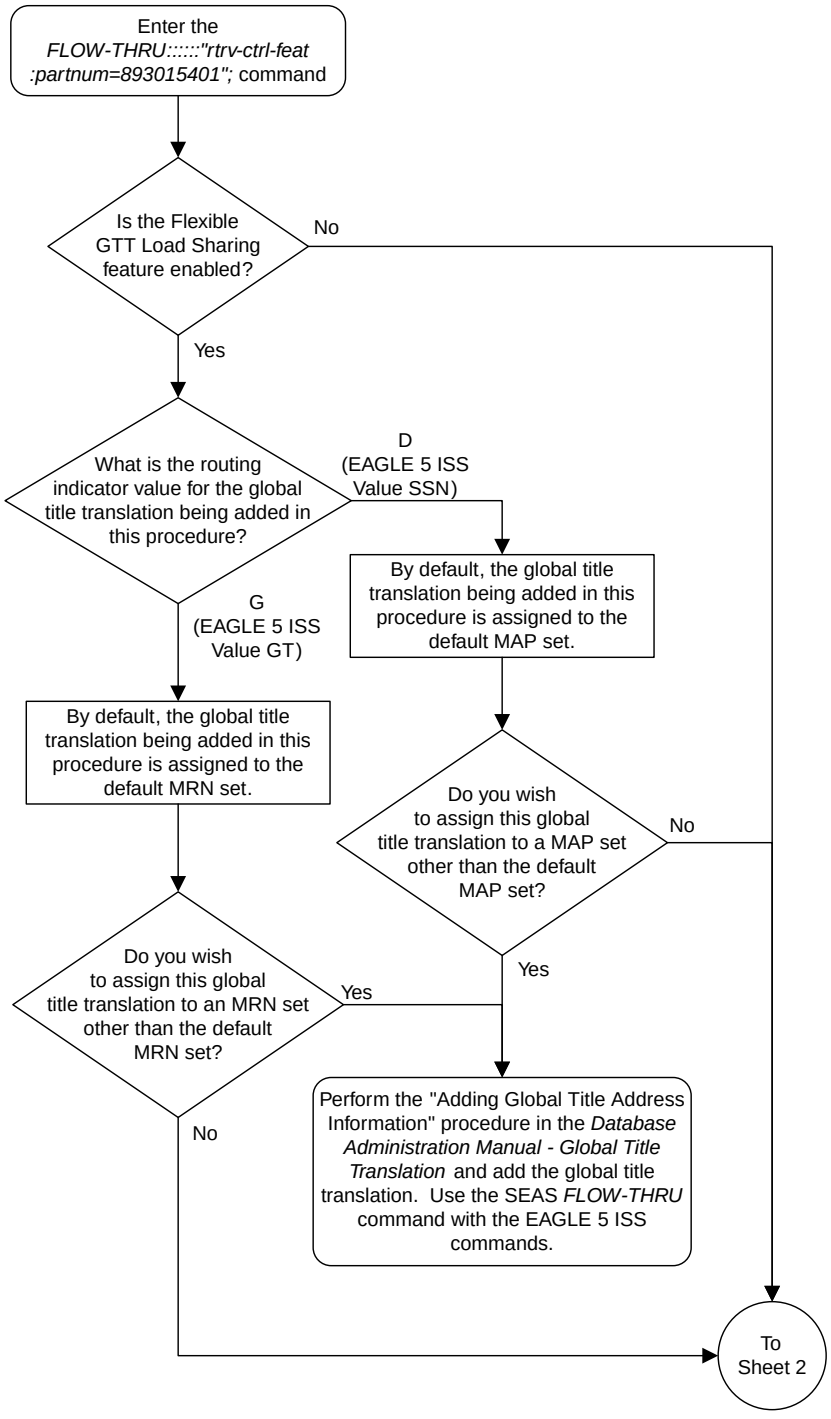
A proxy point code cannot be assigned to any point code that will be assigned to a global title translation.

Table 20: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion

RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE 5 ISS GTT Parameter	RI EAGLE 5 ISS GTT Parameter	PC/PCA EAGLE 5 ISS GTT Parameter	SSN EAGLE 5 ISS GTT Parameter
G	xxx-xxx-xxx	000	DPC	GT	xxx-xxx-xxx	Not Specified
D	xxx-xxx-xxx	002-255	DPCSSN	SSN	xxx-xxx-xxx	002-255

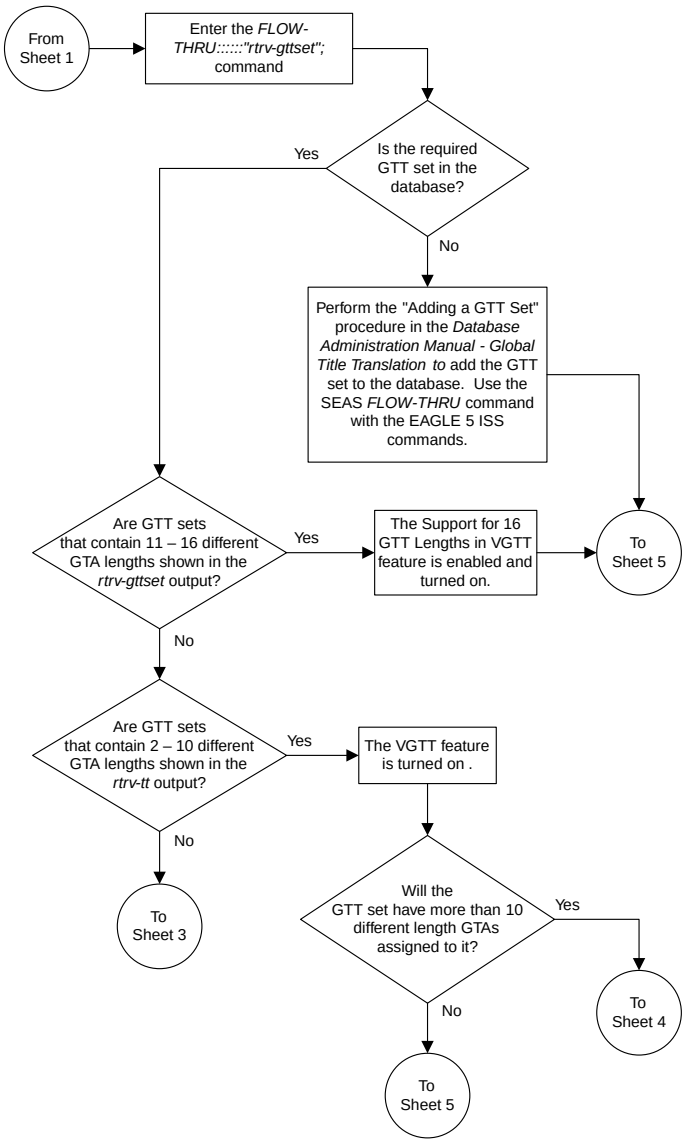
RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE 5 ISS GTT Parameter	RI EAGLE 5 ISS GTT Parameter	PC/PCA EAGLE 5 ISS GTT Parameter	SSN EAGLE 5 ISS GTT Parameter
Notes: • The SEAS`RI=G` parameter denotes global title routing, further global title translation is required. • The SEAS`RI=D` parameter denotes DPC routing, no further global title translation is required. • The EAGLE 5 ISS`RI=GT` parameter denotes further global title translation is required and uses MTP routing. • The EAGLE 5 ISS`RI=SSN` parameter denotes final global title translation and uses MAP routing. • The EAGLE 5 ISS`XLAT=DPC` parameter indicates that the DPC & RI values in the MSU are to be replaced. • The EAGLE 5 ISS`XLAT=DPCSSN` parameter indicates that the DPC, RI, & SSN values in the MSU are to be replaced. • The EAGLE 5 ISS`XLAT=DPCNGT` parameter indicates that the DPC, RI, & TT values in the MSU are to be replaced						

The `RC` parameter of the SEAS `ADD-GTT` command is not supported by the EAGLE 5 ISS. While the `RC` parameter must be specified with the SEAS `ADD-GTT` command, the `RC` parameter is discarded when the SEAS `ADD-GTT` command is processed by the EAGLE 5 ISS.

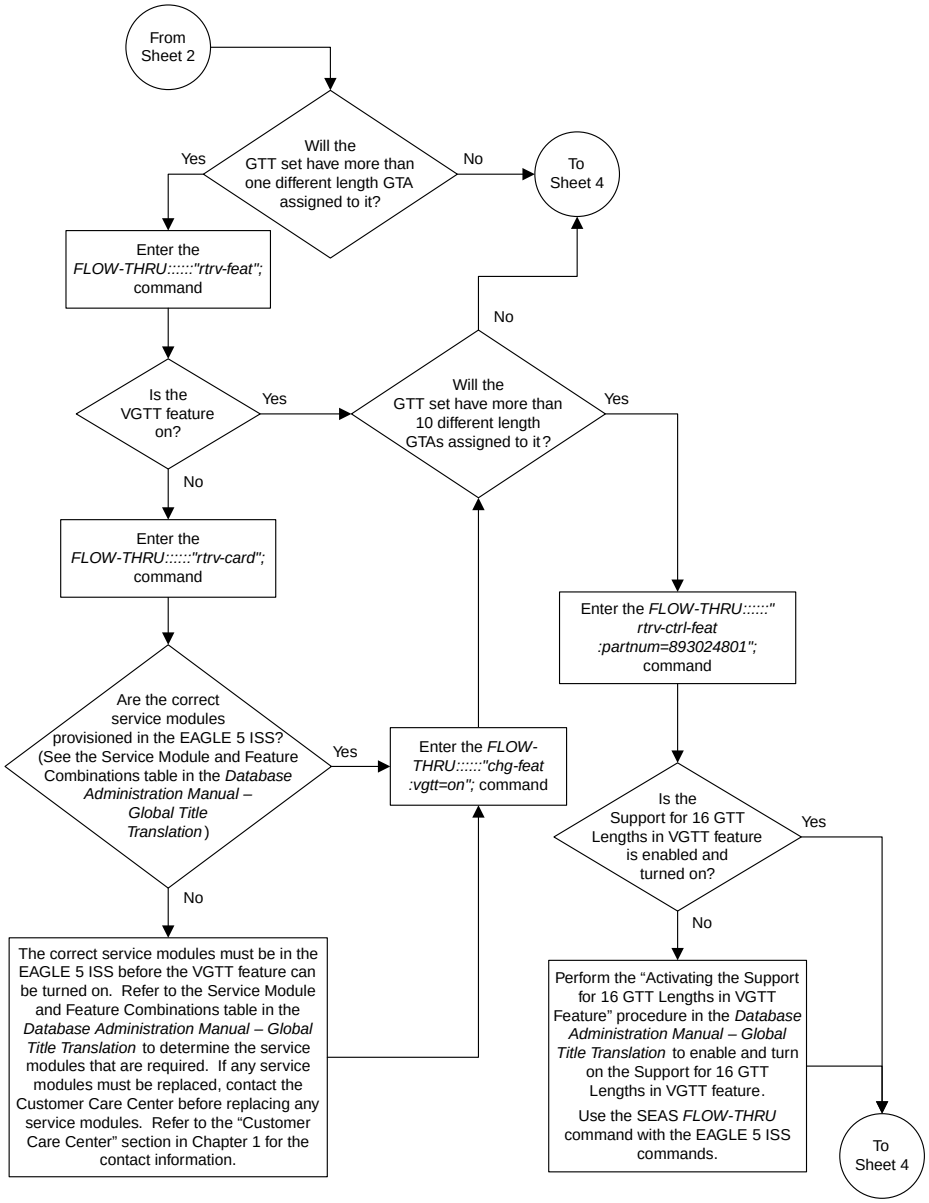


Sheet 1 of 8

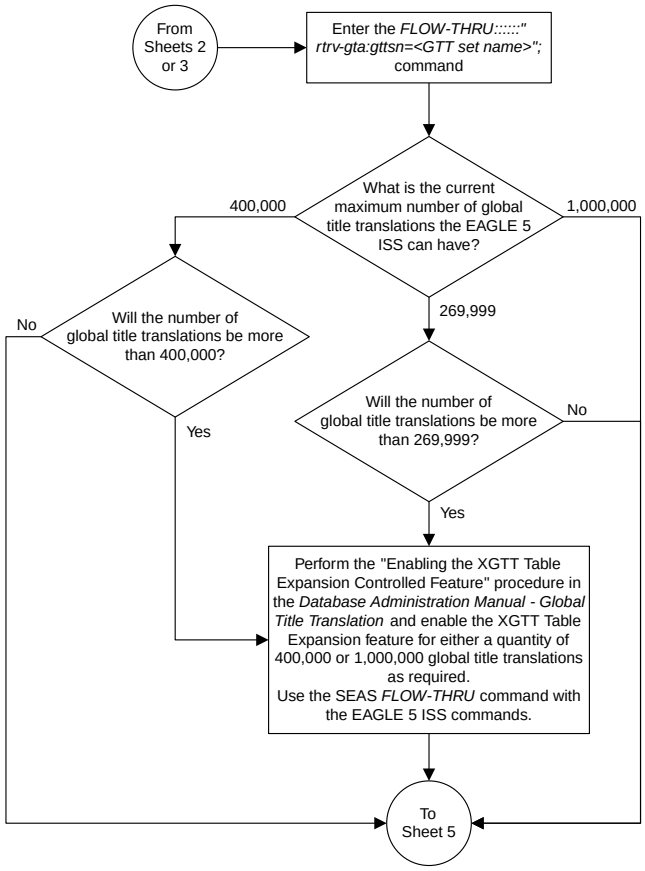
Figure 63: Adding Global Title Address Information


From Sheet 1
Enter the *FLOW-THRU*::::::*"rtrv-gttset"*; command
Is the required GTT set in the database?
Yes
No
Perform the "Adding a GTT Set" procedure in the *Database Administration Manual - Global Title Translation to* add the GTT set to the database. Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.
Are GTT sets that contain 11 – 16 different GTA lengths shown in the *rtrv-gttset* output?
Yes
The Support for 16 GTT Lengths in VGTT feature is enabled and turned on.
To Sheet 5
No
Are GTT sets that contain 2 – 10 different GTA lengths shown in the *rtrv-tt* output?
Yes
The VGTT feature is turned on .
No
To Sheet 3
Will the GTT set have more than 10 different length GTAs assigned to it?
Yes
To Sheet 4
No
To Sheet 5

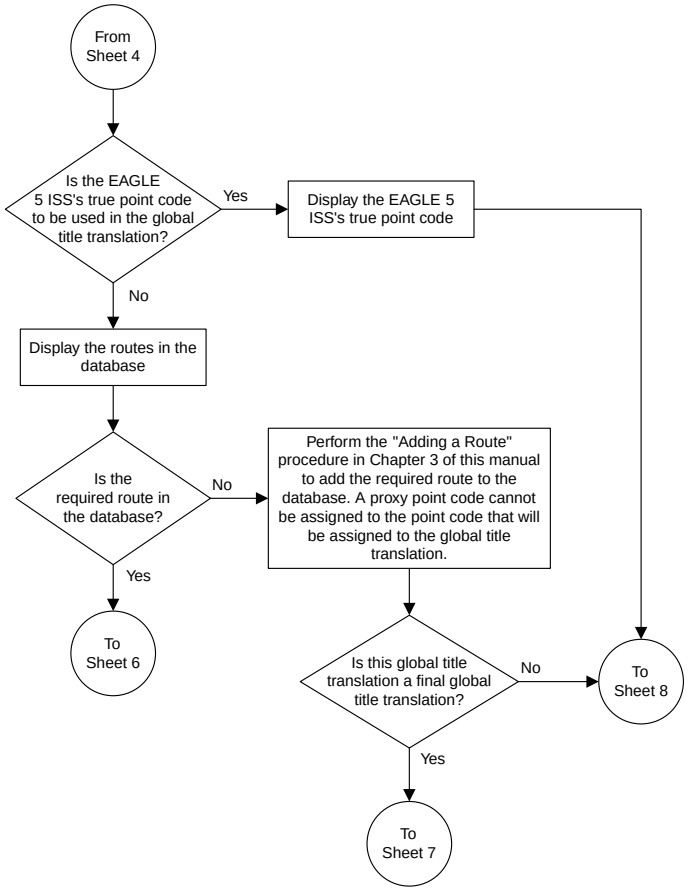
Sheet 2 of 8


From Sheet 2
Will the GTT set have more than one different length GTA assigned to it?
Yes
No
To Sheet 4
Enter the FLOW-THRU::::::"rtrv-feat"; command
Is the VGTT feature on?
Yes
No
Will the GTT set have more than 10 different length GTAs assigned to it?
Yes
No
Enter the FLOW-THRU::::::"rtrv-card"; command
Are the correct service modules provisioned in the EAGLE 5 ISS? (See the Service Module and Feature Combinations table in the Database Administration Manual – Global Title Translation)
Yes
No
Enter the FLOW-THRU::::::"chg-feat :vgtt=on"; command
The correct service modules must be in the EAGLE 5 ISS before the VGTT feature can be turned on. Refer to the Service Module and Feature Combinations table in the Database Administration Manual – Global Title Translation to determine the service modules that are required. If any service modules must be replaced, contact the Customer Care Center before replacing any service modules. Refer to the "Customer Care Center" section in Chapter 1 for the contact information.
Enter the FLOW-THRU::::::" rtrv-ctrl-feat :partnum=893024801"; command
Is the Support for 16 GTT Lengths in VGTT feature is enabled and turned on?
Yes
No
Perform the "Activating the Support for 16 GTT Lengths in VGTT Feature" procedure in the Database Administration Manual – Global Title Translation to enable and turn on the Support for 16 GTT Lengths in VGTT feature.
Use the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.
To Sheet 4

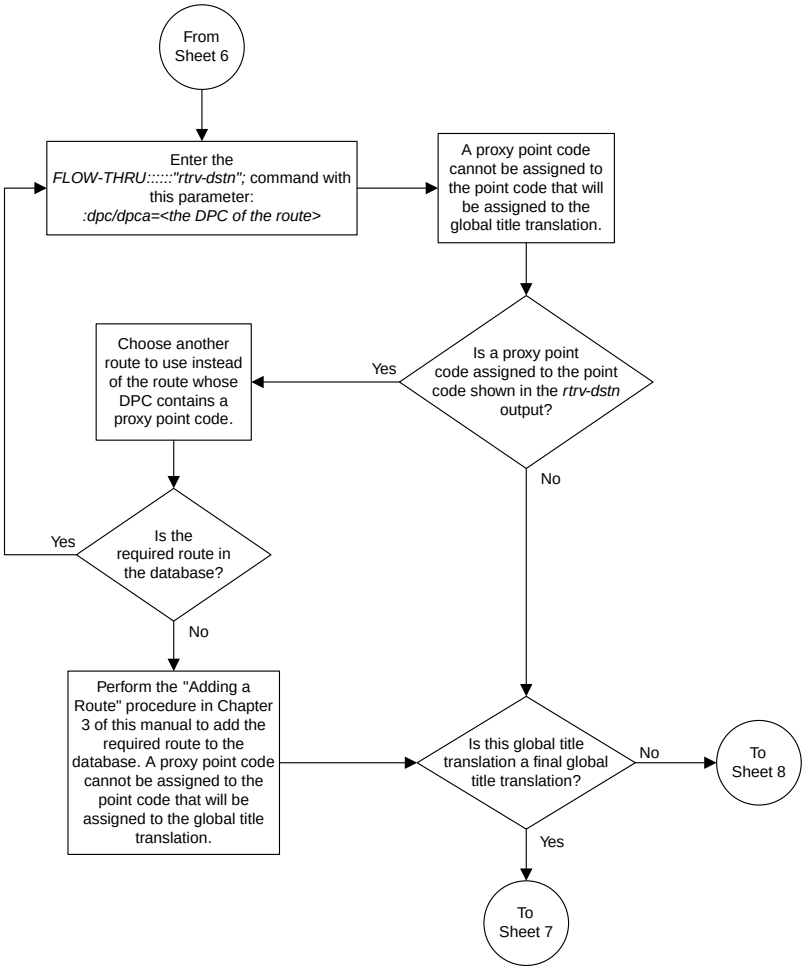
Sheet 3 of 8


From Sheets 2 or 3
Enter the *FLOW-THRU::::::" rtrv-gta:gttsn=<GTT set name>";* command
What is the current maximum number of global title translations the EAGLE 5 ISS can have?
400,000
1,000,000
269,999
Will the number of global title translations be more than 400,000?
No
Yes
Will the number of global title translations be more than 269,999?
No
Yes
Perform the "Enabling the XGTT Table Expansion Controlled Feature" procedure in the *Database Administration Manual - Global Title Translation* and enable the XGTT Table Expansion feature for either a quantity of 400,000 or 1,000,000 global title translations as required.
Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.
To Sheet 5

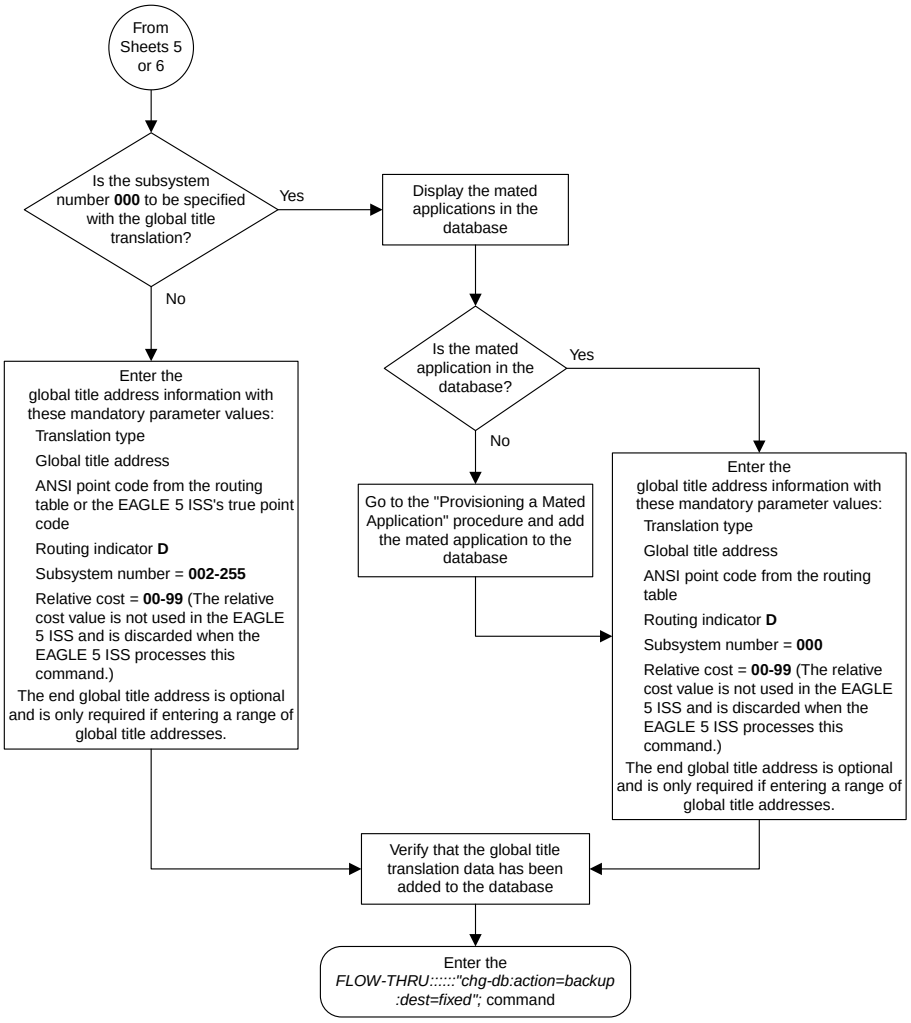
Sheet 4 of 8


From Sheet 4
Is the EAGLE 5 ISS's true point code to be used in the global title translation?
Yes
Display the EAGLE 5 ISS's true point code
No
Display the routes in the database
Is the required route in the database?
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Yes
To Sheet 6
Is this global title translation a final global title translation?
No
To Sheet 8
Yes
To Sheet 7

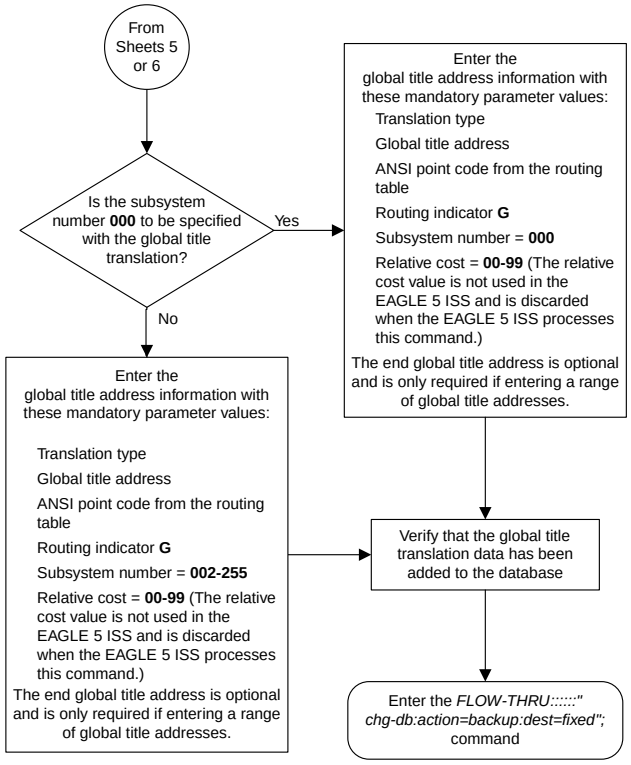
Sheet 5 of 8


From Sheet 6
Enter the FLOW-THRU:::::"rtrv-dstn"; command with this parameter: :dpc/dpca=<the DPC of the route>
A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is a proxy point code assigned to the point code shown in the rtrv-dstn output?
Yes
Choose another route to use instead of the route whose DPC contains a proxy point code.
No
Is the required route in the database?
Yes
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is this global title translation a final global title translation?
No
To Sheet 8
Yes
To Sheet 7

Sheet 6 of 8


From Sheets 5 or 6
Is the subsystem number **000** to be specified with the global title translation?
Yes
No
Display the mated applications in the database
Is the mated application in the database?
Yes
No
Enter the global title address information with these mandatory parameter values:
Translation type
Global title address
ANSI point code from the routing table or the EAGLE 5 ISS's true point code
Routing indicator **D**
Subsystem number = **002-255**
Relative cost = **00-99** (The relative cost value is not used in the EAGLE 5 ISS and is discarded when the EAGLE 5 ISS processes this command.)
The end global title address is optional and is only required if entering a range of global title addresses.
Go to the "Provisioning a Mated Application" procedure and add the mated application to the database
Enter the global title address information with these mandatory parameter values:
Translation type
Global title address
ANSI point code from the routing table
Routing indicator **D**
Subsystem number = **000**
Relative cost = **00-99** (The relative cost value is not used in the EAGLE 5 ISS and is discarded when the EAGLE 5 ISS processes this command.)
The end global title address is optional and is only required if entering a range of global title addresses.
Verify that the global title translation data has been added to the database
Enter the *FLOW-THRU:::::::"chg-db:action=backup :dest=fixed"*; command

Sheet 7 of 8



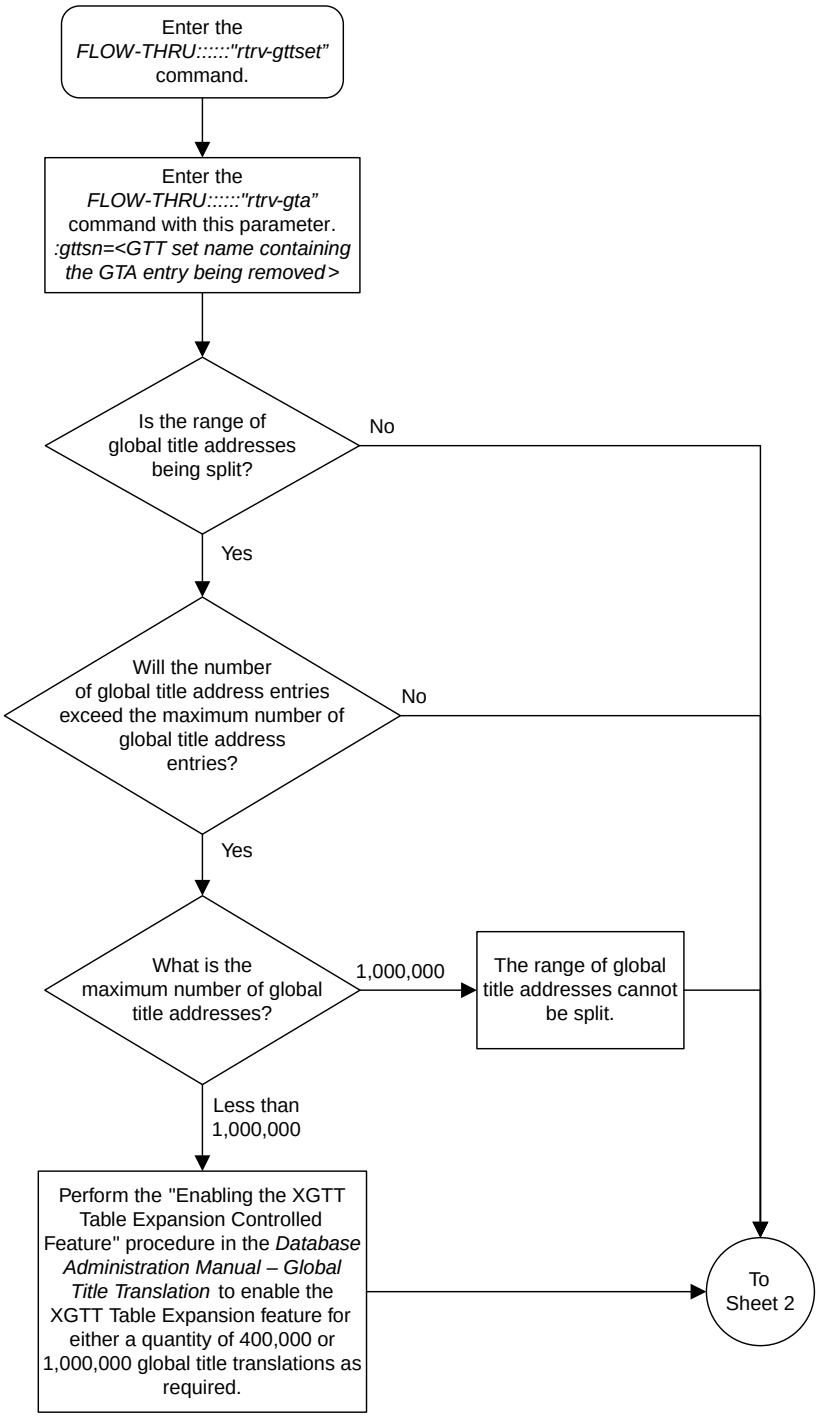
Sheet 8 of 8

Removing Global Title Address Information

This procedure is used to remove global title address information from the database. This procedure uses the EAGLE 5 ISS commands `rtrv-gttset`, `rtrv-gta`, `rtrv-gttapath` , and `chg-db`. For more information on this procedure, see "Removing Global Title Address Information" in the *Database Administration Manual - Global Title Translation*.

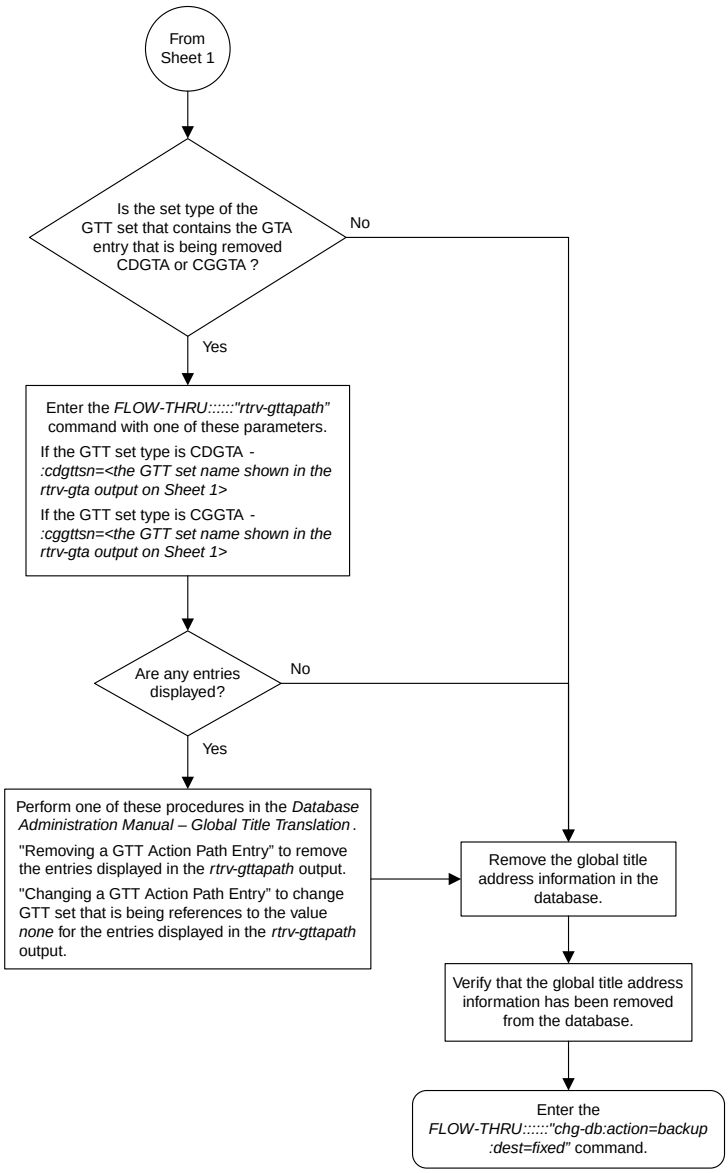
The following parameters of the EAGLE 5 ISS's *dlt-gta* command are not supported by SEAS: `cgpc/cgpca/cgpci/cgpcn/cgpcn24`, `opc/opca/opci/opcn/opcn24`, `dpc/dpca/dpci/dpcn/dpcn24cgssn`, `ecgssn`, `cdssn`, `ecdssn`, `family`, `opcode`, `pkgtype`, or `acn`. SEAS does not support hexadecimal digits as the value of the global title address parameters. If you wish to use any of these parameters or use hexadecimal digits as the value for the global title address parameters, perform the "Removing Global Title Address Information" procedure in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

The `DPC` and `SSN` parameters of the SEAS `DLT-GTT` command are not supported by the EAGLE 5 ISS. While these parameters must be specified with the SEAS `DLT-GTT` command, these parameters are discarded when the SEAS `DLT-GTT` command is processed by the EAGLE 5 ISS.



Sheet 1 of 2

Figure 64: Removing Global Title Address Information



Sheet 2 of 2

Changing Global Title Address Information

This procedure is used to change existing global title address information in the database. This procedure uses the EAGLE 5 ISS commands `rtrv-gttset`, `rtrv-gta`, `rtrv-mrn`, `rtrv-map`, `rtrv-dstn`, and `chg-db`. For more information on this procedure, see "Changing Global Title Address Information" in the *Database Administration Manual - Global Title Translation*.

The following parameters of the EAGLE 5 ISS's `chg-gta` command are not supported by SEAS: `pci`, `pcn`, `pcn24`, `xlat`, `actsn`, `ccgt`, `force`, `gtmodid`, `mrnset`, `mapset`, `opcsn`, `ppmeasreqd`, `cgpc/cgpca/cgpci/cgpcn/cgpcn24`, `opc/opca/opci/opcn/opcn24`, `dpc/dpca/dpci/dpcn/dpcn24cgssn`, `ecgssn`, `split`, `loopset`, `optsn`, `cdssn`, `ecdssn`, `cgselid`, `cdselid`, `fallback`, `testmode`, `cgcnvsn`, `family`, `opcode`, `pkgtype`, `acn`, or `cggtmod`. SEAS does not support hexadecimal digits as the value of the global title address parameter. If you wish to use any of these parameters or use hexadecimal digits as the value for the global title address parameter, perform the "Changing Global Title Address Information" procedure in the *Database Administration Manual* - Global Title Translation using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MRNSET` field in the EAGLE 5 ISS `rtrv-gta` output, and the routing indicator of the global title translation is `G` (the EAGLE 5 ISS value `GT`), the global title translation can be changed in this procedure only if the global title translation is assigned to the default MRN set. All the attributes of the global title translation can be changed except for the following:

- The MRNSET value cannot be changed.
- The routing indicator value cannot be changed.
- If the point code is changed, the new point code must be assigned to the default MRN set.

If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-gta` output, and the routing indicator of the global title translation is `D` (the EAGLE 5 ISS value `SSN`), the global title translation can be changed in this procedure only if the global title translation is assigned to the default MAP set. All the attributes of the global title translation can be changed except for the following:

- The MAPSET value cannot be changed.
- The routing indicator value cannot be changed.
- If the point code is changed, the new point code must be assigned to the default MAP set.

The EAGLE 5 ISS `XLAT` parameter does not have a SEAS equivalent. When global title translations are configured at the SEAS interface, the values for the SEAS parameters `RI`, `DPC`, and `SSN`, all mandatory parameters for the SEAS `ADD-GTT` and `CHG-GTT` commands, are converted to the EAGLE 5 ISS parameters and values shown in *Table 21: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion*.

A proxy point code cannot be assigned to any point code that will be assigned to a global title translation.

Table 21: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion

RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE GTT Parameter	RI EAGLE GTT Parameter	PC/PCA EAGLE GTT Parameter	SSN EAGLE GTT Parameter
G	xxx-xxx-xxx	000	DPC	GT	xxx-xxx-xxx	Not Specified
D	xxx-xxx-xxx	002-255	DPCSSN	SSN	xxx-xxx-xxx	002-255
Notes: • The SEAS`RI=G` parameter denotes global title routing, further global title translation is required.						

RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE GTT Parameter	RI EAGLE GTT Parameter	PC/PCA EAGLE GTT Parameter	SSN EAGLE GTT Parameter
• The SEAS`RI=D` parameter denotes DPC routing, no further global title translation is required. • The EAGLE 5 ISS`RI=GT` parameter denotes further global title translation is required and uses MTP routing. • The EAGLE 5 ISS`RI=SSN` parameter denotes final global title translation and uses MAP routing. • The EAGLE 5 ISS`XLAT=DPC` parameter indicates that the DPC & RI values in the MSU are to be replaced. • The EAGLE 5 ISS`XLAT=DPCSSN` parameter indicates that the DPC, RI, & SSN values in the MSU are to be replaced. • The EAGLE 5 ISS`XLAT=DPCNGT` parameter indicates that the DPC, RI, & TT values in the MSU are to be replaced.						

The `DPC`, `SSN` and `NRC` parameters of the SEAS `CHG-GTT` command are not supported by the EAGLE 5 ISS. While these parameters must be specified with the SEAS `CHG-GTT` command, these parameters are discarded when the SEAS `CHG-GTT` command is processed by the EAGLE 5 ISS.

The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses. The range can be reduced so long as the new end global title address parameter value is not smaller than the global title address parameter value.

For example, a global title translation contains this range of global title addresses: 9194600000 - 9194603000. The range of global title addresses can be extended to 9194604500 by specifying an end global title address value of 9194604500 parameter with the SEAS `CHG-GTT` command. However, if another range of global title addresses begins with the value 9194604000, the end global title address value of 9194604500 cannot be specified with the SEAS `CHG-GTT` command as the new range created with the end global title address value of 9194604500 would overlap the range of global title addresses beginning with the value 9194604000. In this situation, the maximum value for the end global title address value would be 9194603999.

Using the same example, the range of global title addresses can be reduced to 9194600000 - 9194601500 by specifying the end global title address value of 9194601500 with the SEAS `CHG-GTT` command. The new range must lie inside of the original range. You cannot create the range 9194595000 - 9194600000 by specifying the end global title address value of 9194595000 parameter with the SEAS `CHG-GTT` command.

Caution: Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If the global title address and end global title address parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS `CHG-GTT` command.

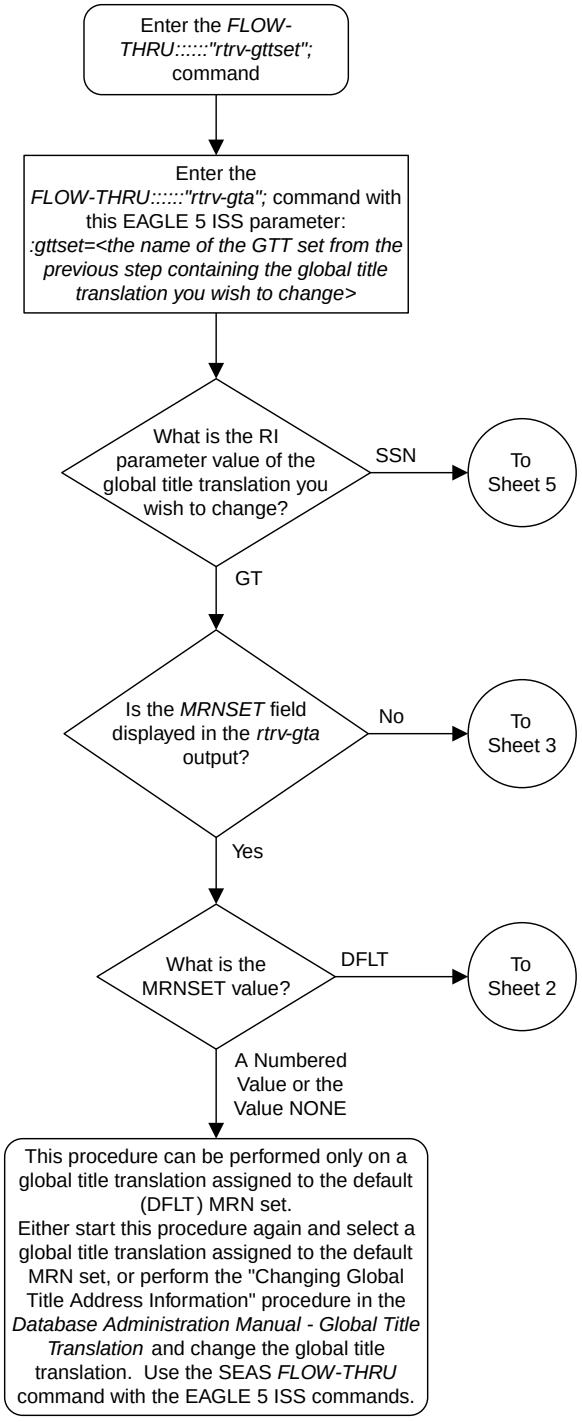

Enter the *FLOW-THRU::::::"rtrv-gttset";* command
Enter the *FLOW-THRU::::::"rtrv-gta";* command with this EAGLE 5 ISS parameter: *:gttset=<the name of the GTT set from the previous step containing the global title translation you wish to change>*
What is the RI parameter value of the global title translation you wish to change?
SSN
To Sheet 5
GT
Is the *MRNSET* field displayed in the *rtrv-gta* output?
No
To Sheet 3
Yes
What is the MRNSET value?
DFLT
To Sheet 2
A Numbered Value or the Value NONE
This procedure can be performed only on a global title translation assigned to the default (DFLT) MRN set.
Either start this procedure again and select a global title translation assigned to the default MRN set, or perform the "Changing Global Title Address Information" procedure in the *Database Administration Manual - Global Title Translation* and change the global title translation. Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.

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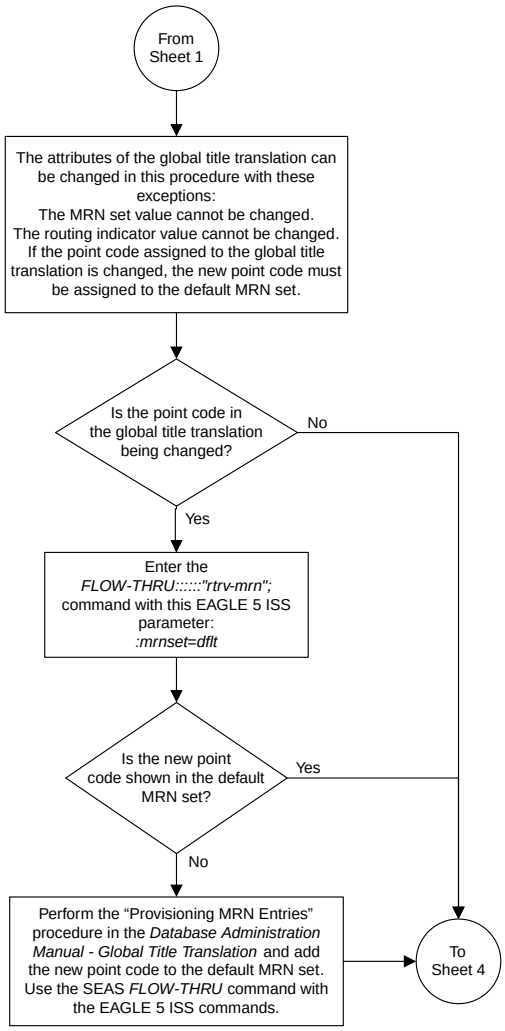
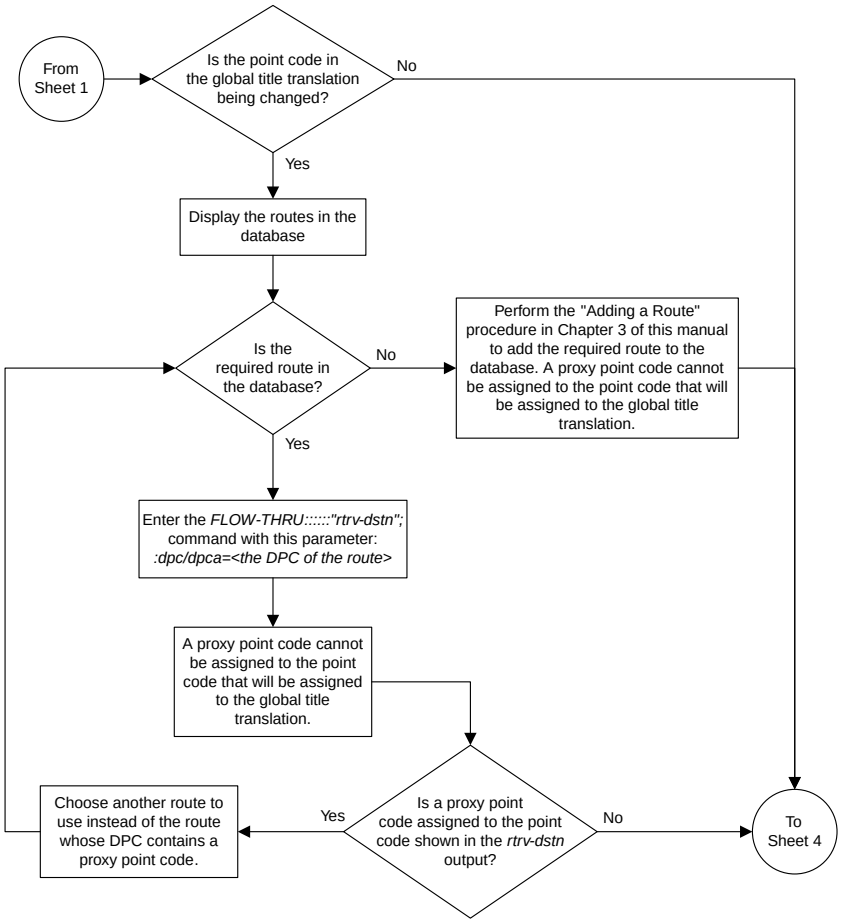
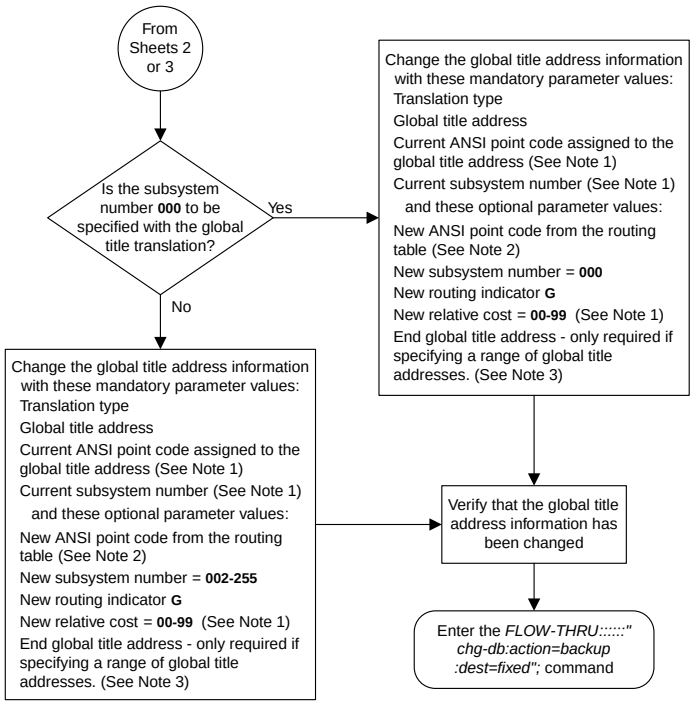
Figure 65: Changing Global Title Address Information



Sheet 2 of 10


From Sheet 1
Is the point code in the global title translation being changed?
No
Yes
Display the routes in the database
Is the required route in the database?
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Yes
Enter the FLOW-THRU:::::::"rtrv-dstn"; command with this parameter: :dpc/dpca=<the DPC of the route>
A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is a proxy point code assigned to the point code shown in the rtrv-dstn output?
Yes
No
Choose another route to use instead of the route whose DPC contains a proxy point code.
To Sheet 4

Sheet 3 of 10



Notes:

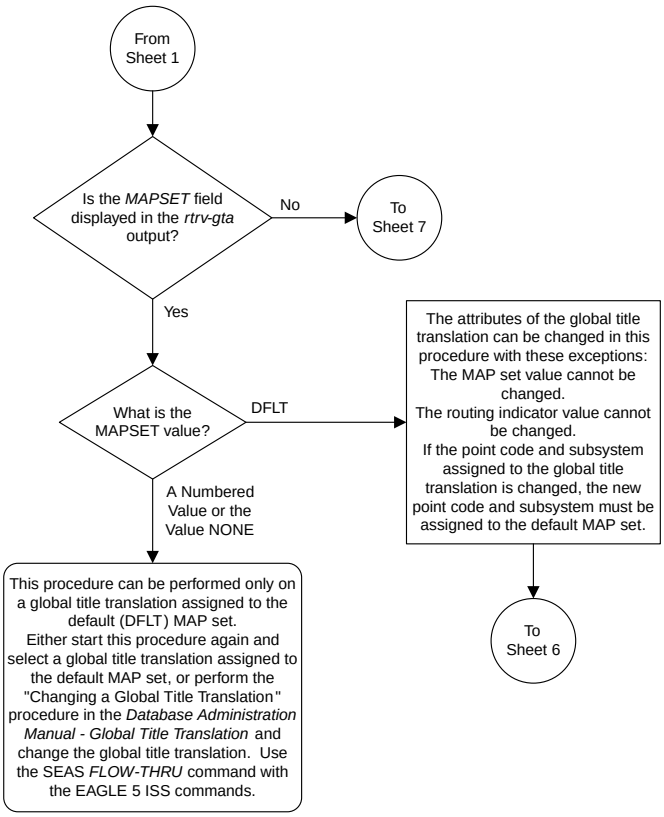
1. The new relative cost, current point code, and current subsystem values are not used in the EAGLE 5 ISS and are discarded when the EAGLE 5 ISS processes this command.

2. If the global title translation is assigned to the default MRN set (shown in the *rtrv-gtt* output on Sheet 1) the new point code must be assigned to the default MRN set (shown in the *rtrv-mrn* output on Sheet 2). A proxy point code cannot be assigned to the new point code of the global title translation.

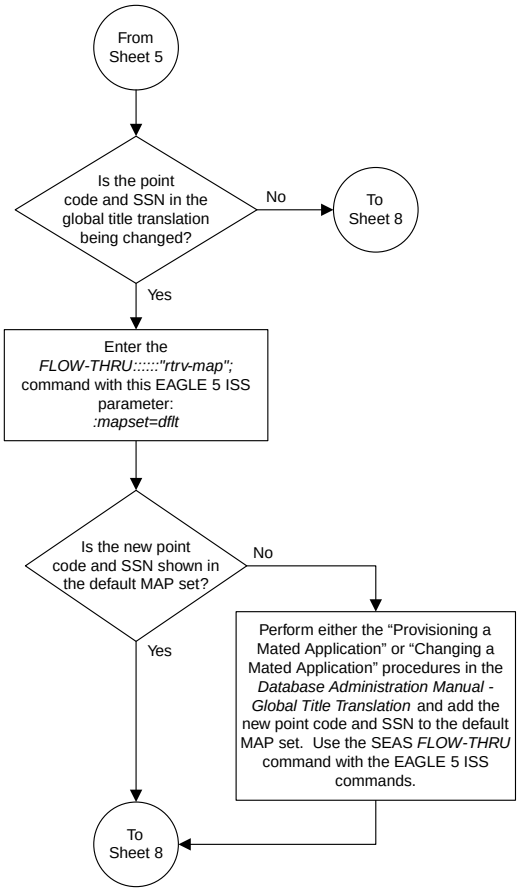
3. The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses.

Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If the global title address and end global title address parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS CHG-GTT command. The length of the end global title address must be the same as the length of the global title address.

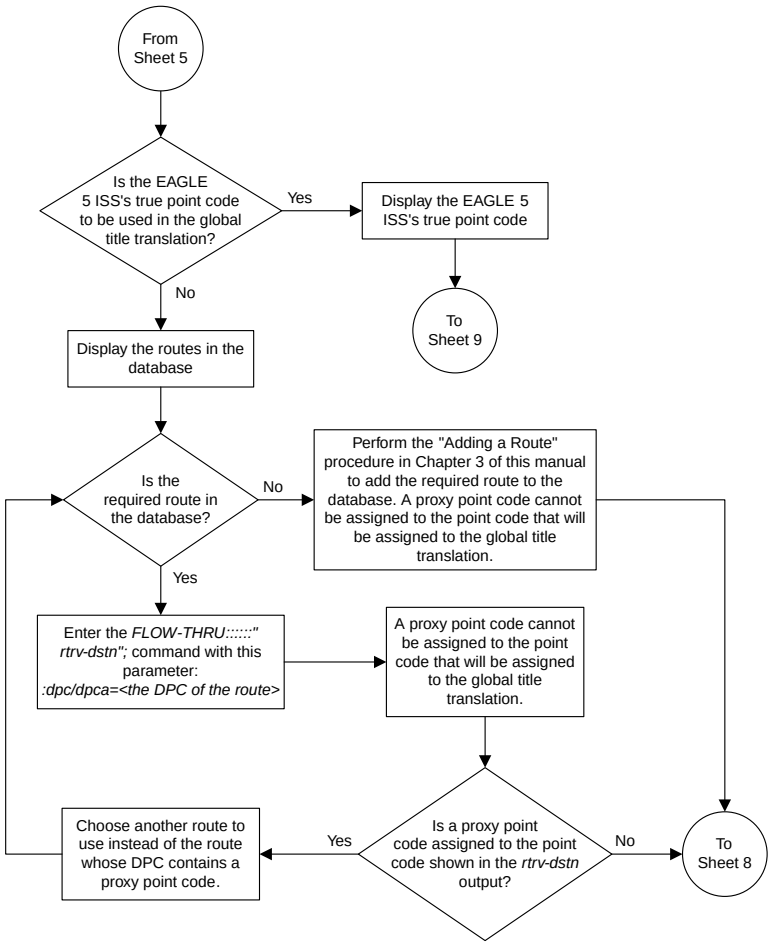
Sheet 4 of 10


From Sheet 1
Is the *MAPSET* field displayed in the *rtrv-gta* output?
No
To Sheet 7
Yes
What is the MAPSET value?
DFLT
The attributes of the global title translation can be changed in this procedure with these exceptions:
The MAP set value cannot be changed.
The routing indicator value cannot be changed.
If the point code and subsystem assigned to the global title translation is changed, the new point code and subsystem must be assigned to the default MAP set.
To Sheet 6
A Numbered Value or the Value NONE
This procedure can be performed only on a global title translation assigned to the default (DFLT) MAP set.
Either start this procedure again and select a global title translation assigned to the default MAP set, or perform the "Changing a Global Title Translation" procedure in the *Database Administration Manual - Global Title Translation* and change the global title translation. Use the SEAS *FLOW-THRU* command with the EAGLE 5 ISS commands.

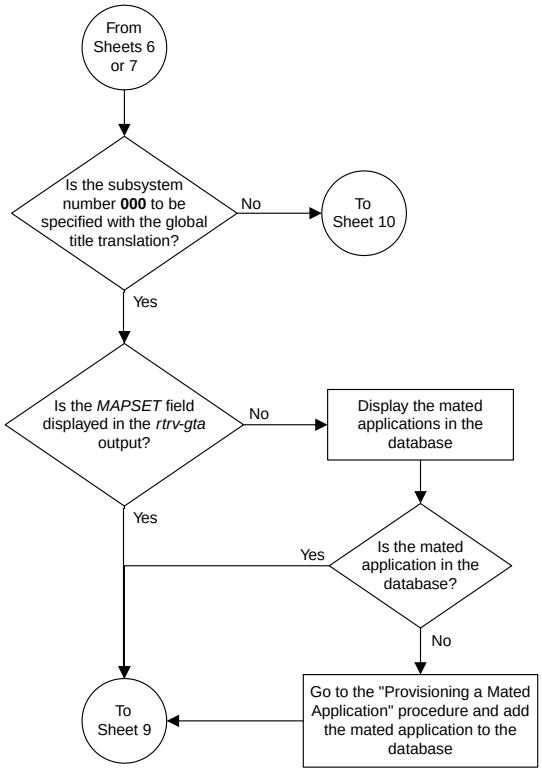
Sheet 5 of 10


From Sheet 5
Is the point code and SSN in the global title translation being changed?
No
To Sheet 8
Yes
Enter the FLOW-THRU::::::"rtrv-map"; command with this EAGLE 5 ISS parameter: :mapset=dflt
Is the new point code and SSN shown in the default MAP set?
No
Yes
Perform either the "Provisioning a Mated Application" or "Changing a Mated Application" procedures in the Database Administration Manual - Global Title Translation and add the new point code and SSN to the default MAP set. Use the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.
To Sheet 8

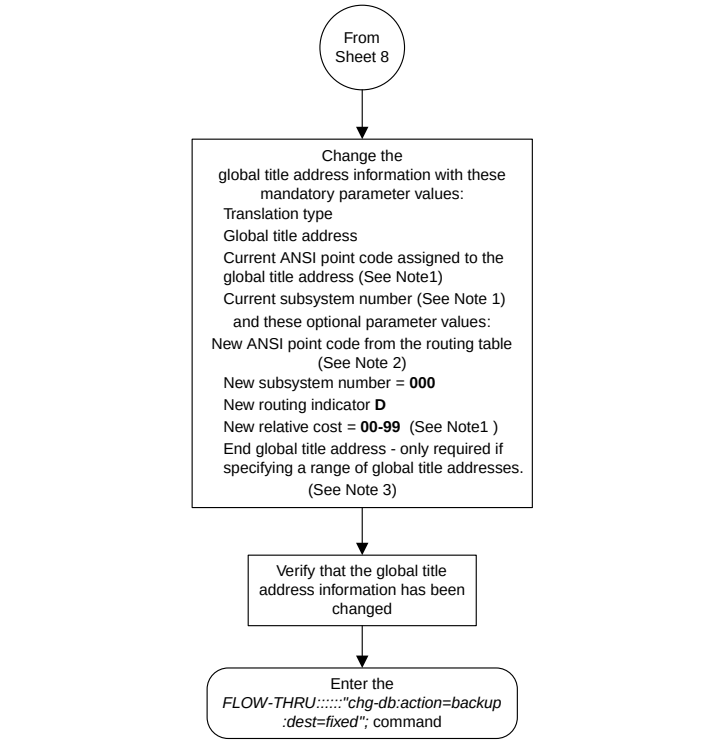
Sheet 6 of 10


From Sheet 5
Is the EAGLE 5 ISS's true point code to be used in the global title translation?
Yes
Display the EAGLE 5 ISS's true point code
To Sheet 9
No
Display the routes in the database
Is the required route in the database?
No
Perform the "Adding a Route" procedure in Chapter 3 of this manual to add the required route to the database. A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Yes
Enter the *FLOW-THRU:::::" rtrv-dstn";* command with this parameter: *:dpc/dpca=<the DPC of the route>*
A proxy point code cannot be assigned to the point code that will be assigned to the global title translation.
Is a proxy point code assigned to the point code shown in the *rtrv-dstn* output?
Yes
No
Choose another route to use instead of the route whose DPC contains a proxy point code.
To Sheet 8

Sheet 7 of 10


From Sheets 6 or 7
Is the subsystem number **000** to be specified with the global title translation?
No
To Sheet 10
Yes
Is the *MAPSET* field displayed in the *rtrv-gta* output?
No
Display the mated applications in the database
Yes
Is the mated application in the database?
Yes
No
To Sheet 9
Go to the "Provisioning a Mated Application" procedure and add the mated application to the database

Sheet 8 of 10



Notes:

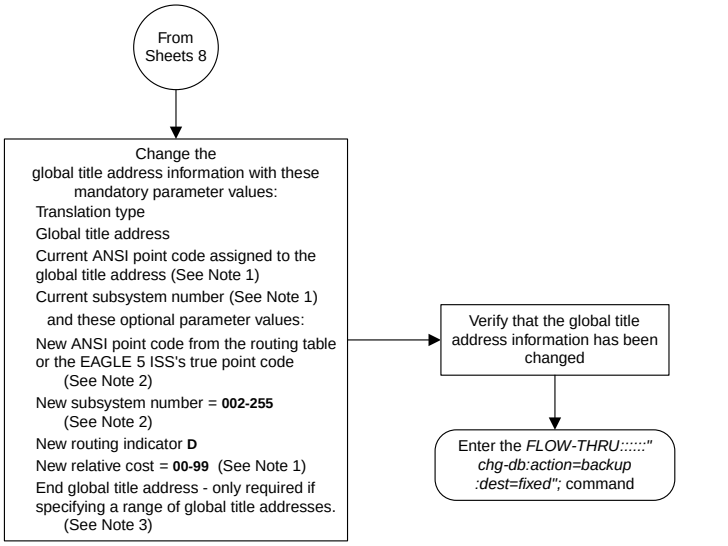
1. The new relative cost, current point code, and current subsystem values are not used in the EAGLE 5 ISS and are discarded when the EAGLE 5 ISS processes this command.

2. If the global title translation is assigned to the default MAP set (shown in the *rtrv-gtt* output on Sheet 1) the new point code must be assigned to the default MAP set (shown in the *rtrv-map* output on Sheet 6). A proxy point code cannot be assigned to the new point code of the global title translation.

3. The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses.

Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If the global title address and end global title address parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS CHG-GTT command. The length of the end global title address must be the same as the length of the global title address.

Sheet 9 of 10



Notes:

1. The new relative cost, current point code, and current subsystem values are not used in the EAGLE 5 ISS and are discarded when the EAGLE 5 ISS processes this command.

2. If the global title translation is assigned to the default MAP set (shown in the *rtrv-gtt* output on Sheet 1) the new point code and SSN must be assigned to the default MAP set (shown in the *rtrv-map* output on Sheet 6). A proxy point code cannot be assigned to the new point code of the global title translation.

3. The range of global title addresses assigned to a global title translation can be extended or reduced to create a new range of global title addresses. The range can be extended so long as the new range of global title addresses does not overlap an existing range of global title addresses.

Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If the global title address and end global title address parameters are specified for the global title translation being changed, and you do not wish to change either of these values, make sure the original global title address and end global title address values are specified in the SEAS CHG-GTT command. The length of the end global title address must be the same as the length of the global title address.

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Appendix A

EAGLE 5 ISS/SEAS Compliance Matrix

Topics:

- *Introduction.....299*
- *SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994 .....299*
- *SEAS-STP Gateway Function Interface Specification, GR-778-CORE, Issue 1, November 1994 .....355*

Appendix A, EAGLE 5 ISS/SEAS Compliance Matrix

Introduction

This appendix lists the SEAS requirements, conditional requirements, and objectives that the EAGLE 5 ISS complies with as defined in these Telcordia documents.

- SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994
- SEAS-STP Gateway Function Interface Specification, GR-778-CORE, Issue 1, November 1994

The compliance matrix is a table listing the requirement number, objective number, or conditional requirement number as defined in the Telcordia document, the EAGLE 5 ISS's level of compliance with the requirement, objective, or conditional requirement, and any comments that may apply to these items.

A requirement is a feature or function of an STP that Telcordia has determined must be a part of the STP to function properly. A requirement is identified in this appendix with the letter R in parentheses, (R).

A conditional requirement is a feature or function of an STP that Telcordia has determined is necessary in certain applications, depending on how the STP is deployed. A conditional requirement may depend on other requirements, objectives, or conditional requirements. A conditional requirement is identified in this appendix with the letters CR in parentheses, (CR).

An objective is a feature or function of an STP that Telcordia has determined is a desirable feature or function for the STP to have, but not required to have. An objective is identified in this appendix with the letter O in parentheses, (O).

There are four levels of compliance used in this compliance matrix.

- Fully compliant
- Partially compliant
- Not compliant
- Not applicable

The table caption for each table refers to the section of the Telcordia document where the item can be found. The table of contents entries for this appendix are based on the table captions.

SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994

Table 22: Section 4. Message Headers and UPL/Lower-Layer Interactions

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 4-1	Fully Compliant	
(R) 4-2	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 4-3	Fully Compliant	
(O) 4-4	Not Applicable	This objective does not apply to the EAGLE 5 ISS because confirmation options "2" and "3" are not supported by the current UAL implementations.
(R) 4-5	Fully Compliant	
(R) 4-6	Fully Compliant	
(R) 4-7	Fully Compliant	
(O) 4-8	Not Applicable	This objective does not apply to the EAGLE 5 ISS because confirmation options "2" and "3" are not supported by the current UAL implementations.
(O) 4-9	Not Applicable	This objective does not apply to the EAGLE 5 ISS because confirmation options "2" and "3" are not supported by the current UAL implementations.
(R) 4-10	Fully Compliant	
(R) 4-11	Fully Compliant	
(R) 4-12	Fully Compliant	
(R) 4-13	Fully Compliant	
(R) 4-14	Fully Compliant	
(R) 4-15	Fully Compliant	
(R) 4-16	Fully Compliant	
(R) 4-17	Fully Compliant	

Table 23: Section 5. UPL Interactions and Message Syntax Requirements

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 5-1	Fully Compliant	
(O) 5-2	Not Compliant	This function is not currently implemented in the EAGLE 5 ISS.
(CR) 5-3	Not Applicable	This does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not comply with objective 5-2.
(CR) 5-4	Fully Compliant	The EAGLE 5 ISS is able to handle the burden of duplicate commands.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 5-5	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the version management mechanism is a SEAS post-7.0 feature.
(R) 5-6	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the version management mechanism is a SEAS post-7.0 feature.
(R) 5-7	Fully Compliant	
(R) 5-8	Fully Compliant	
(R) 5-9	Fully Compliant	
(R) 5-10	Partially Compliant	The EAGLE 5 ISS only reports the first error on input detected.
(R) 5-11	Partially Compliant	The EAGLE 5 ISS only reports the first error on execution detected.
(R) 5-12	Fully Compliant	
(R) 5-13	Fully Compliant	
(R) 5-14	Fully Compliant	
(R) 5-15	Fully Compliant	

Table 24: Section 6. Data Collection Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 6-1	Partially Compliant	The EAGLE 5 ISS does not currently support the service measurement (P_SERV), network management on-demand measurement (D_NM), hourly maintenance (on-demand) measurement (D_MTCH), and maintenance status indicator (on demand) (D_MTCS) schedules. Also, the EAGLE 5 ISS does not support MTP special study data collection, which is a SEAS deferred feature. Also, the EAGLE does not currently support ranges for, or any other compound form of, the period parameter.
(R) 6-2	Partially Compliant	The EAGLE 5 ISS does not currently support the service measurement (P_SERV), network management on-demand measurement (D_NM), hourly maintenance (on-demand) measurement (D_MTCH), maintenance status indicator (on-demand) (D_MTCS) schedules, the per translation type (TT), the per buffer group (BFRGRP), the per buffer

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		(BUFFR), the per processor group (PROCGRP), the per processor (PROC), and the per bus (BUS) measured entity types. Also, the EAGLE 5 ISS does not support MTP special study data collection and translation type mapping, which are SEAS deferred features.
(R) 6-3	Fully Compliant	
(R) 6-4	Partially Compliant	The EAGLE 5 ISS cannot guarantee that the report will be transmitted no later than 15 seconds after the end of each five-minute interval. The EAGLE 5 ISS does not currently support the per link (LINK) exception data and the per processor (PROC) exception data measured entity types.
(R) 6-5	Partially Compliant	The EAGLE 5 ISS does not currently support the service measurement (P_SERV), network management on-demand measurement (D_NM), hourly maintenance (on-demand) measurement (D_MTCH), and maintenance status indicator (on-demand) (D_MTCS) schedules. Also, the EAGLE 5 ISS does not support MTP special study data collection, which is a SEAS deferred feature.
(R) 6-6	Partially Compliant	The EAGLE 5 ISS does not support all of the required measurement schedules, entity types, and registers (see*Table 32: Appendix A. Data Collection Request Structure* and *Table 33: Appendix B. Standard Data Collection Schedules*).

Table 25: Section 7. Recent Change and Verify (RC&V) Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-1	Partially Compliant	The EAGLE 5 ISS does not currently support entity sets L and M. Entity set J is supported only by using the Flow-Through interface. Entity sets H, N, O, P, Q, R, and S are SEAS post-7.0 entity sets.
(CR) 7-2	Partially Compliant	The EAGLE 5 ISS does not currently support functions 1 through 3. It does support functions 24 through 26, but only by using the Flow-Through interface. Functions 15 through 17 and 30 through 46 are SEAS post-7.0 functions.
(R) 7-3	Partially Compliant	The EAGLE 5 ISS does not currently support function 1. It does support function 10, but only by using the Flow-Through interface. Functions 7 and 13 through 18 are SEAS post-7.0 functions.
(R) 7-4	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-5	Partially Compliant	The EAGLE 5 ISS supports only immediate activation.
(R) 7-6	Fully Compliant	
(R) 7-7	Fully Compliant	
(R) 7-8	Fully Compliant	
(R) 7-9	Fully Compliant	
(O) 7-10	Fully Compliant	
(R) 7-11	Not Compliant	The EAGLE 5 ISS does expect all destination identifiers to be unique.
(R) 7-12	Fully Compliant	
(R) 7-13	Fully Compliant	
(R) 7-14	Fully Compliant	The EAGLE 5 ISS already supports the destination entity set, therefore no upgrade is necessary.
(R) 7-15	Fully Compliant	The EAGLE 5 ISS already supports the destination entity set, therefore no upgrade is necessary.
(R) 7-16	Fully Compliant	The EAGLE 5 ISS already supports the destination entity set, therefore no upgrade is necessary.
(R) 7-17	Fully Compliant	
(R) 7-18	Fully Compliant	
(R) 7-19	Fully Compliant	
(R) 7-20	Fully Compliant	
(R) 7-21	Fully Compliant	
(O) 7-22	Not Applicable	The EAGLE 5 ISS does not support supplier-specific parameters for these entities with the standard SEAS interface. The EAGLE 5 ISS's supplier-specific parameters can be modified by using the SEAS Flow-Through interface.
(CR) 7-23	Not Applicable	The EAGLE 5 ISS does not support supplier-specific parameters with the standard SEAS interface.
(R) 7-24	Fully Compliant	
(O) 7-25	Not Applicable	The EAGLE 5 ISS does not support supplier-specific parameters for these entities with the standard SEAS interface. The EAGLE 5 ISS's supplier-specific parameters

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		can be modified by using the SEAS Flow-Through interface.
(CR) 7-26	Not Applicable	The EAGLE 5 ISS does not support supplier-specific parameters with the standard SEAS interface.
(CR) 7-27	Not Applicable	The EAGLE 5 ISS does not support supplier-specific parameters with the standard SEAS interface.
(R) 7-28	Fully Compliant	All supplier-specific parameter strings for both input and output are null.
(R) 7-29	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the TFA/TCA broadcast minimum link quantity attribute for linksets is a SEAS post-7.0 feature.
(R) 7-30	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because this is a SEAS post-7.0 enhancement.
(R) 7-31	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because this is a SEAS post-7.0 enhancement.
(R) 7-32	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because this is a SEAS post-7.0 enhancement.
(R) 7-33	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because this is a SEAS post-7.0 enhancement.
(R) 7-34	Fully Compliant	
(R) 7-35	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the SCCP application entity set is a SEAS post-7.0 feature.
(R) 7-36	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the multi-step GTT process is a SEAS post-7.0 feature.
(R) 7-37	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the STP Options entity set a SEAS post-7.0 feature.
(R) 7-38	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because vacant global title addresses is a SEAS post-7.0 feature.
(CR) 7-39	Not Compliant	The EAGLE 5 ISS does not support storage consolidation for entries of an entity set with like attributes.
(CR) 7-40	Not Compliant	The EAGLE 5 ISS does not support storage consolidation for entries of an entity set with like attributes.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-41	Not Compliant	The EAGLE 5 ISS does not support storage consolidation for entries of an entity set with like attributes.
(CR) 7-42	Partially Compliant	The EAGLE 5 ISS does not support the functions for delayed activation.
(CR) 7-43	Not Compliant	The EAGLE 5 ISS does not support the `ACTV-OR` command.
(CR) 7-44	Not Compliant	The EAGLE 5 ISS does not support the `DLT-OR` command.
(CR) 7-45	Not Compliant	The EAGLE 5 ISS does not support the `CANC-ORACTV` command.
(CR) 7-46	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-47	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-48	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-49	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support all wildcarding as specified.
(CR) 7-50	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS cannot change the value of the destination point code attribute with this command.
(CR) 7-51	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support needed linkset recent change and verify enhancements, because it is a SEAS post-7.0 feature.
(CR) 7-52	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-53	Partially Compliant	The EAGLE 5 ISS does not support the changing of the new far-end CLLI parameter unless the new far-end point code parameter is being changed as well. In this case the new far-end CLLI must match the destination identifier of the linkset's new far-end point code. The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support needed linkset recent change and verify enhancements, because this is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-54	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support 1.5 Mbps link speed, because this is a SEAS post-7.0 feature.
(CR) 7-55	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-56	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. The EAGLE 5 ISS only supports the new link service state parameter. Also, the EAGLE 5 ISS does not support 1.5 Mbps link speed, because this is a SEAS post-7.0 feature.
(CR) 7-57	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. The EAGLE 5 ISS does not support the relative cost parameter, although because the RC parameter is required, the EAGLE 5 ISS accepts the parameter. Also, the EAGLE 5 ISS does not support residual modifications to support SS7 cluster routing and management, and vacant global title addresses, because these are SEAS post-7.0 features.
(CR) 7-58	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. EAGLE 5 ISS does not support the destination point code and subsystem number parameters, although because they are required, it accepts the parameters. Also, the EAGLE 5 ISS does not support vacant global title addresses, because this is SEAS post-7.0 feature.
(CR) 7-59	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, nor does the EAGLE 5 ISS support the new relative cost new destination point code, and new subsystem number parameters. Also, the EAGLE 5 ISS does not support residual modifications to support SS7 cluster routing and management, and vacant global title addresses, because these are SEAS post-7.0 features.
(CR) 7-60	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support residual modifications to support SS7 cluster routing and management, because this is a SEAS post-7.0 feature.
(CR) 7-61	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-62	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support residual modifications to support SS7 cluster routing and management, because this is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-63	Partially Compliant	The EAGLE 5 ISS does not support the ASGN-SPCSP command. The EAGLE 5 ISS supports only the shared concerned signaling point lists for its subsystem prohibited concerned signaling points entity set. However, this feature is a SEAS post-7.0 feature, therefore the EAGLE 5 ISS cannot support this command until this feature is implemented in SEAS. The Flow-Through commands can still be used to manipulate this entity set.
(CR) 7-64	Not Compliant	The EAGLE 5 ISS does not support the DLT-SPCSP command. The EAGLE 5 ISS supports only shared concerned signaling point lists for its subsystem prohibited concerned signaling points entity set. However, this feature is a SEAS post-7.0 feature, therefore the EAGLE 5 ISS cannot support this command until this feature is implemented in SEAS. The Flow-Through commands can still be used to manipulate this entity set.
(CR) 7-65	Not Compliant	The EAGLE 5 ISS does not support the CHG-SPCSP command.
(CR) 7-66	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support MTP circular route (loop) detection, because this is a SEAS post-7.0 feature.
(CR) 7-67	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation.
(CR) 7-68	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support MTP circular route (loop) detection, because this is a SEAS post-7.0 feature.
(CR) 7-69	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP circular route (loop) detection is a SEAS post-7.0 feature.
(CR) 7-70	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify support for SCCP application data is a SEAS post-7.0 feature.
(CR) 7-71	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify support for SCCP application data is a SEAS post-7.0 feature.
(CR) 7-72	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify support for SCCP application data is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-73	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for the STP OPTIONS entity set is a SEAS post-7.0 feature.
(CR) 7-74	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-75	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-76	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-77	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-78	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-79	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-80	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-81	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-82	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-83	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(CR) 7-84	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-85	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(CR) 7-86	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(CR) 7-87	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(CR) 7-88	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) 7-89	Not Compliant	The EAGLE 5 ISS does not support the `ACTV-OR` command.
(R) 7-90	Not Compliant	The EAGLE 5 ISS does not support the `ACTV-OR` command.
(R) 7-91	Not Compliant	The EAGLE 5 ISS does not support the `DLT-OR` command.
(R) 7-92	Not Compliant	The EAGLE 5 ISS does not support the `CANC-ORACTV` command.
(R) 7-93	Fully Compliant	
(R) 7-94	Fully Compliant	
(R) 7-95	Fully Compliant	
(R) 7-96	Fully Compliant	
(CR) 7-97	Fully Compliant	
(CR) 7-98	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS supports the changing of the CLLI and DPC values using the `ASGN-SID` command.
(R) 7-99	Fully Compliant	
(R) 7-100	Fully Compliant	
(R) 7-101	Fully Compliant	
(R) 7-102	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-103	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-104	Fully Compliant	The EAGLE 5 ISS does not support multi-step global title translation (GTT) nor recent change and verify for SCCP ISNI message routing, because they are SEAS post-7.0 features.
(R) 7-105	Fully Compliant	
(R) 7-106	Fully Compliant	
(R) 7-107	Partially Compliant	The EAGLE 5 ISS enforces rule a, e, and g, but not rules b, c, d, and f because those parameters are not supported by the EAGLE 5 ISS's `chg-rte` command. Also, the EAGLE 5 ISS does not support multi-step global title translation (GTT) nor recent change and verify for SCCP ISNI message routing, because they are SEAS post-7.0 features.
(R) 7-108	Fully Compliant	
(R) 7-109	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-110	Fully Compliant	
(R) 7-111	Fully Compliant	
(R) 7-112	Fully Compliant	
(R) 7-113	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support parameters for the needed linkset recent change and verify enhancements. This is a SEAS post-7.0 feature.
(R) 7-114	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-115	Fully Compliant	
(R) 7-116	Partially Compliant	The EAGLE 5 ISS does not support the changing of the new far-end CLLI parameter unless the new far-end point code parameter is being changed as well. In this case the new far-end CLLI must match the destination identifier of the linkset's new far-end point code.
(R) 7-117	Partially Compliant	The EAGLE 5 ISS enforces rules a and b. The EAGLE 5 ISS enforces only part of rule c because the EAGLE 5 ISS does not require links in a linkset to be disabled in order to change the linkset type attribute. The EAGLE 5 ISS does not enforce rule d because the EAGLE 5 ISS does not support supplier-specific parameters. The EAGLE 5 ISS

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		does not enforce rules e and f because the EAGLE 5 ISS does not support needed linkset recent change and verify enhancements, because this is a SEAS post-7.0 feature.
(CR) 7-118	Fully Compliant	The EAGLE 5 ISS does not support needed linkset recent change and verify enhancements, because this is a SEAS post-7.0 feature. The EAGLE 5 ISS does permit changes to all supported parameters while the linkset's signaling links are active, but only the far-end CLLI is supported for this conditional requirement.
(R) 7-119	Not Compliant	The EAGLE 5 ISS does not list the signaling links in the linkset that are enabled when the `CHG-LS` command is rejected, or when attempting to change the point code of the linkset because the EAGLE 5 ISS does not require the signaling links in the linkset to be disabled to make these changes.
(R) 7-120	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-121	Fully Compliant	
(R) 7-122	Fully Compliant	
(R) 7-123	Fully Compliant	
(R) 7-124	Fully Compliant	
(R) 7-125	Fully Compliant	
(R) 7-126	Fully Compliant	
(R) 7-127	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-128	Fully Compliant	
(R) 7-129	Fully Compliant	
(R) 7-130	Fully Compliant	
(R) 7-131	Fully Compliant	
(R) 7-132	Fully Compliant	
(R) 7-133	Fully Compliant	Rule c is does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support the SCCP application entity set, because this is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-134	Partially Compliant	The EAGLE 5 ISS does not support the destination point code and subsystem number parameters, but because these parameters are required by SEAS, the EAGLE 5 ISS accepts the parameters.
(R) 7-135	Partially Compliant	The EAGLE 5 ISS does not enforce rule 1 because the EAGLE 5 ISS does not support the destination point code and subsystem number parameters, but because these parameters are required by SEAS, the EAGLE 5 ISS accepts these parameters. The EAGLE 5 ISS enforces rules 2, 3, and 4. Rule 5 does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support the SCCP application entity set. This is a SEAS post-7.0 feature.
(R) 7-136	Fully Compliant	Rule 2 does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support the SCCP application entity set. This is a SEAS post-7.0 feature.
(R) 7-137	Fully Compliant	
(R) 7-138	Fully Compliant	Rule 2 does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support the SCCP application entity set. This is a SEAS post-7.0 feature.
(CR) 7-139	Not Compliant	The EAGLE 5 ISS does not support the `ASGN-SPCSP` command.
(R) 7-140	Not Compliant	The EAGLE 5 ISS does not support the `ASGN-SPCSP` command.
(CR) 7-141	Not Compliant	The EAGLE 5 ISS does not support the `DLT-SPCSP` command.
(R) 7-142	Not Compliant	The EAGLE 5 ISS does not support the `DLT-SPCSP` command.
(R) 7-143	Not Compliant	The EAGLE 5 ISS does not support the `DLT-SPCSP` command.
(CR) 7-144	Not Compliant	The EAGLE 5 ISS does not support the `CHG-SPCSP` command.
(R) 7-145	Not Compliant	The EAGLE 5 ISS does not support the `CHG-SPCSP` command.
(R) 7-146	Not Compliant	The EAGLE 5 ISS does not support the `CHG-SPCSP` command.
(R) 7-147	Partially Compliant	The EAGLE 5 ISS does not verify this rule for the `bei` parameter.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-148	Fully Compliant	
(R) 7-149	Partially Compliant	The EAGLE 5 ISS does not support the far-end CLLI attribute for its linkset entities.
(R) 7-150	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-151	Fully Compliant	
(R) 7-152	Fully Compliant	
(R) 7-153	Partially Compliant	The EAGLE 5 ISS does not verify this rule for the `nbei` parameter.
(R) 7-154	Fully Compliant	
(R) 7-155	Partially Compliant	The EAGLE 5 ISS does not support the far-end CLLI attribute for its linkset entities.
(R) 7-156	Not Compliant	The EAGLE 5 ISS does not support supplier-specific parameters.
(R) 7-157	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `RST-DSTN` command is a SEAS post-7.0 feature.
(R) 7-158	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `RST-DSTN` command is a SEAS post-7.0 feature.
(R) 7-159	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `RST-DSTN` command is a SEAS post-7.0 feature.
(R) 7-160	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `RST-DSTN` command is a SEAS post-7.0 feature.
(R) 7-161	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `ADD-SCCPAPL` command is a SEAS post-7.0 feature.
(R) 7-162	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `ADD-SCCPAPL` command is a SEAS post-7.0 feature.
(R) 7-163	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `DLT-SCCPAPL` command is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-164	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-SCCPAPL command is a SEAS post-7.0 feature.
(R) 7-165	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-SCCPAPL command is a SEAS post-7.0 feature.
(R) 7-166	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-SCCPAPL command is a SEAS post-7.0 feature.
(R) 7-167	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-SCCPAPL command is a SEAS post-7.0 feature.
(R) 7-168	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-SCCPAPL command is a SEAS post-7.0 feature.
(R) 7-169	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the UPD-STPOPTS command is a SEAS post-7.0 feature.
(R) 7-170	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-TTSSN command is a SEAS post-7.0 feature.
(R) 7-171	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-TTSSN command is a SEAS post-7.0 feature.
(R) 7-172	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-MGTT-TTSSN command is a SEAS post-7.0 feature.
(R) 7-173	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-TTSSN command is a SEAS post-7.0 feature.
(R) 7-174	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-175	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-GTADPC command is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-176	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-177	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-178	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-179	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-180	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-181	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-182	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-183	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-184	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-185	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-GTADPC command is a SEAS post-7.0 feature.
(R) 7-186	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-ORDPC command is a SEAS post-7.0 feature.
(R) 7-187	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-MGTT-ORDPC command is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-188	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-MGTT-ORDPC command is a SEAS post-7.0 feature.
(R) 7-189	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-ORDPC command is a SEAS post-7.0 feature.
(R) 7-190	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-MGTT-ORDPC command is a SEAS post-7.0 feature.
(R) 7-191	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-ISNI-CICICN command is a SEAS post-7.0 feature.
(R) 7-192	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-ISNI-CICICN command is a SEAS post-7.0 feature.
(R) 7-193	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-ISNI-CICICN command is a SEAS post-7.0 feature.
(R) 7-194	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-ISNI-CICICN command is a SEAS post-7.0 feature.
(R) 7-195	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-ISNI-CICICN command is a SEAS post-7.0 feature.
(R) 7-196	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-ISNI-CICICN command is a SEAS post-7.0 feature.
(R) 7-197	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the ADD-ISNI-ICNDPC command is a SEAS post-7.0 feature.
(R) 7-198	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the DLT-ISNI-ICNDPC command is a SEAS post-7.0 feature.
(R) 7-199	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the CHG-ISNI-ICNDPC command is a SEAS post-7.0 feature.
(CR) 7-200	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-201	Not Compliant	This conditional requirement does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support the VFY-OR command.
(CR) 7-202	Fully Compliant	
(CR) 7-203	Partially Compliant	Conformance testing with Telcordia indicated that the syntax for the VFY-RTE command is implemented differently by the SEAS mainframe than that specified in the SEAS-STP *Interface Specification,* GR-*310*-CORE, *Issue 1, November 1994*. However, the EAGLE 5 ISS does support both the implemented syntax and the specified syntax. The EAGLE 5 ISS is fully compliant with the implemented syntax. In the specified syntax, the EAGLE 5 ISS does not support ranges for the destination address parameter, nor does it support wildcards, except for the **-**-***, ni-nc-**, and ni-nc-*** combinations. Also, the output syntax appears to have been implemented differently, but currently this issue has yet to be resolved.
(CR) 7-204	Fully Compliant	The EAGLE 5 ISS does not support needed link set recent change and verify enhancements, because this is a SEAS post-7.0 feature.
(CR) 7-205	Partially Compliant	The EAGLE 5 ISS does not support ranges for the member number parameter. Also, the EAGLE 5 ISS does not support 1.5 Mbps link speed, because this is a SEAS post-7.0 feature.
(CR) 7-206	Fully Compliant	
(CR) 7-207	Partially Compliant	The EAGLE 5 ISS does not support the relative cost parameter. On input, the EAGLE 5 ISS ignores this parameter. On output, EAGLE 5 ISS displays the value of fifty (50) since this parameter is mandatory in the output syntax. The EAGLE 5 ISS can also display a blank (‘ ’) value for the routing indicator attribute under certain conditions when this value has been configured locally. Also, the EAGLE 5 ISS does not support vacant global title addresses, because this is SEAS post-7.0 feature.
(CR) 7-208	Fully Compliant	
(CR) 7-209	Not Compliant	The EAGLE 5 ISS does not support the VFY-SPCSP command. The EAGLE 5 ISS supports only shared concerned signaling point lists for its subsystem prohibited concerned signaling points entity set. However, this feature is a SEAS post-7.0 feature, therefore the EAGLE 5 ISS cannot support this command until this feature is

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		implemented in SEAS. The Flow-Through commands can still be used to retrieve this entity set.
(CR) 7-210	Partially Compliant	The EAGLE 5 ISS does not support ranges for the destination address parameter, nor does it support every combination of wildcards for this parameter. Also, the reporting of PRML (prohibited due to MTP loop detection, for example, circular routing) as the status for a route is not supported. Even though the EAGLE 5 ISS MTP (LIM) cards detect circular routing, they report the circular routing condition not on a route basis, but on a destination basis. The MTP card does not change the route's status to PROHIBITED in every situation where circular routing is detected on the route. Reporting of ULP (unavailable due to MTP loop detected) for a destination's routeset (DA) is supported. Finally, route status blocks in the output report will contain null ("") values for the `FECLLI` parameter (that is, CLLI of the linkset's adjacent point code) if no CLLI has been defined locally for the APC. The SEAS-STP *Interface Specification*, GR-*310*-CORE, *Issue 1, November 1994*, does not explicitly state that reporting a null CLLI is allowed. The SEAS-STP *Interface Specification*, GR-*310*-CORE, *Issue 1, November 1994*, does state that the CLLI reported for the `DI` output value can be null, but it makes no similar statement regarding the `FECLLI` value, thus the implication that the `FECLLI` value can not be null.
(CR) 7-211	Partially Compliant	The EAGLE 5 ISS does not support ranges for the destination address parameter, nor does it support wildcards, except for the **-**-***, ni-nc-**, and ni-nc-*** combinations. Also, the EAGLE 5 ISS does not support MTP circular route (loop) detection, because this is a SEAS post-7.0 feature.
(CR) 7-212	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify support for SCCP application data is a SEAS post-7.0 feature.
(CR) 7-213	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for the STP options entity set is a SEAS post-7.0 feature.
(CR) 7-214	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-215	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-216	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because multi-step global title translation (GTT) is a SEAS post-7.0 feature.
(CR) 7-217	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(CR) 7-218	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because recent change and verify for SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) 7-219	Not Compliant	The EAGLE 5 ISS does not support the merge process for data output.
(R) 7-220	Fully Compliant	
(R) 7-221	Not Compliant	The EAGLE 5 ISS does not support the merge process for data output.
(R) 7-222	Fully Compliant	
(O) 7-223	Not Compliant	The EAGLE 5 ISS does not support the sorting of ordered route data for output.
(CR) 7-224	Not Compliant	
(R) 7-225	Fully Compliant	
(R) 7-226	Fully Compliant	
(R) 7-227	Fully Compliant	
(R) 7-228	Fully Compliant	
(R) 7-229	Fully Compliant	
(R) 7-230	Fully Compliant	
(R) 7-231	Fully Compliant	
(R) 7-232	Fully Compliant	
(CR) 7-233	Not Compliant	The EAGLE 5 ISS does not support the merge process for data output.
(R) 7-234	Fully Compliant	
(CR) 7-235	Fully Compliant	
(R) 7-236	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-237	Fully Compliant	
(R) 7-238	Fully Compliant	
(R) 7-239	Fully Compliant	
(R) 7-240	Fully Compliant	
(CR) 7-241	Not Compliant	The EAGLE 5 ISS does not support the VFY-SPCSP command.
(R) 7-242	Not Compliant	The EAGLE 5 ISS does not support the VFY-SPCSP command.
(R) 7-243	Not Compliant	The EAGLE 5 ISS does not support the VFY-SPCSP command.
(R) 7-244	Not Compliant	The EAGLE 5 ISS does not support the VFY-SPCSP command.
(R) 7-245	Fully Compliant	
(R) 7-246	Fully Compliant	
(R) 7-247	Not Compliant	The EAGLE 5 ISS does not support the reporting of congestion status for a given destination for the VFY-SRSAPST command. The EAGLE 5 ISS MTP cards (LIMs) are aware of destination congestion, but they use this information internally and do not report congestion status to the maintenance subsystem. Thus, information is not available to the VFY-SRSAPST command.
(R) 7-248	Fully Compliant	
(R) 7-249	Fully Compliant	
(CR) 7-250	Fully Compliant	
(R) 7-251	Fully Compliant	
(R) 7-252	Fully Compliant	
(R) 7-253	Fully Compliant	
(O) 7-254	Partially Compliant	The EAGLE 5 ISS maintains the routeset sorted in increasing relative cost, thus the output report will list the individual routes in increasing relative cost order, as required. However, if two routes have the same relative cost, then the requirement states that the routes be output sorted by linkset name. This may not always occur.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 7-255	Fully Compliant	
(R) 7-256	Fully Compliant	
(R) 7-257	Fully Compliant	
(R) 7-258	Not Compliant	The EAGLE 5 ISS does not support the merge process for data output.
(R) 7-259	Fully Compliant	
(R) 7-260	Not Compliant	The EAGLE 5 ISS does not support the merge process for data output.
(R) 7-261	Fully Compliant	
(O) 7-262	Not Compliant	The EAGLE 5 ISS does not support the sorting of destination data output.
(CR) 7-263	Not Compliant	The EAGLE 5 ISS does not support the sorting of destination data output.
(CR) 7-264	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-SCCPAPL` command is a SEAS post-7.0 feature.
(CR) 7-265	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-MGTT-TTSSN` command is a SEAS post-7.0 feature.
(R) 7-266	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `VFY-MGTT-GTADPC` command is a SEAS post-7.0 feature.
(O) 7-267	Not Applicable	This objective does not apply to the EAGLE 5 ISS because the `VFY-MGTT-GTADPC` command is a SEAS post-7.0 feature.
(R) 7-268	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the `VFY-MGTT-GTADPC` command is a SEAS post-7.0 feature.
(CR) 7-269	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-MGTT-GTADPC` command is a SEAS post-7.0 feature.
(CR) 7-270	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-MGTT-ORDPC` command is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-271	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-ISNI-CICICN` command is a SEAS post-7.0 feature.
(CR) 7-272	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-ISNI-CICICN` command is a SEAS post-7.0 feature.
(CR) 7-273	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the `VFY-ISNI-ICNDPC` command is a SEAS post-7.0 feature.

Table 26: Section 8. On-Occurrence Autonomous Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 8-1	Not Compliant	The EAGLE 5 ISS does not currently support the `REPT-RCINT` message.
(CR) 8-2	Fully Compliant	
(CR) 8-3	Fully Compliant	
(CR) 8-4	Fully Compliant	
(CR) 8-5	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for cluster routing and management is a SEAS post-7.0 feature.
(CR) 8-6	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for cluster routing and management is a SEAS post-7.0 feature.
(CR) 8-7	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for cluster routing and management is a SEAS post-7.0 feature.
(CR) 8-8	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for cluster routing and management is a SEAS post-7.0 feature.
(CR) 8-9	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP circular route (loop) detection is a SEAS post-7.0 feature.
(CR) 8-10	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP circular route (loop) detection is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 8-11	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP circular route (loop) detection is a SEAS post-7.0 feature.
(CR) 8-12	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because XUDT message processing surveillance is a SEAS post-7.0 feature.
(CR) 8-13	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because XUDT message processing surveillance is a SEAS post-7.0 feature.
(CR) 8-14	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for SCCP ISNI message routing is a SEAS post-7.0 feature.
(CR) 8-15	Fully Compliant	
(CR) 8-16	Fully Compliant	
(CR) 8-17	Fully Compliant	
(CR) 8-18	Fully Compliant	
(CR) 8-19	Fully Compliant	
(CR) 8-20	Fully Compliant	
(CR) 8-21	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-22	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-23	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-24	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-25	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-26	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 8-27	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-28	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-29	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-30	Partially Compliant	The EAGLE 5 ISS reports the threshold parameter as MSUs instead of MSU octets for its threshold calculations.
(CR) 8-31	Partially Compliant	The EAGLE 5 ISS reports the threshold parameter as MSUs instead of MSU octets for its threshold calculations.
(CR) 8-32	Fully Compliant	
(CR) 8-33	Fully Compliant	
(CR) 8-34	Partially Compliant	The EAGLE 5 ISS does not currently support reporting of the following codes for the `REPT-LKF` message: `XLR`, `MMR`, `SLT`, `RMI`, `LPO`, `MBL`, `MRS`, and `MMA`. Also, the EAGLE 5 ISS does not support surveillance for link oscillation filter - delayed link restoration, because this is a SEAS post-7.0 feature.
(CR) 8-35	Fully Compliant	
(CR) 8-36	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance of manually caused link outages is a SEAS post-7.0 feature.
(CR) 8-37	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance of manually caused link outages is a SEAS post-7.0 feature.
(CR) 8-38	Not Compliant	The EAGLE 5 ISS does not currently support the `REPT-ADMPR-CGST` message.
(CR) 8-39	Not Compliant	The EAGLE 5 ISS does not currently support the `REPT-ADMPR-CGST` message.
(R) 8-40	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-41	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 8-42	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-43	Fully Compliant	The EAGLE 5 ISS supports the limiting of output using the required default values. The EAGLE 5 ISS does not support the administration of these values through the `UPD-STPOPTS` command as the STP options entity set is a SEAS post-7.0 feature.
(R) 8-44	Fully Compliant	The EAGLE 5 ISS supports the limiting of output using the required default values. The EAGLE 5 ISS does not support the administration of these values through the `UPD-STPOPTS` command as the STP options entity set is a SEAS post-7.0 feature.
(R) 8-45	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because XUDT message processing surveillance is a SEAS post-7.0 feature.
(CR) 8-46	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because XUDT message processing surveillance is a SEAS post-7.0 feature.
(R) 8-47	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because XUDT message processing surveillance is a SEAS post-7.0 feature.
(R) 8-48	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because surveillance for SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) 8-49	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(O) 8-50	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(O) 8-51	Not Applicable	This objective does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(O) 8-52	Not Applicable	This objective does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(R) 8-53	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 8-54	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(R) 8-55	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(R) 8-56	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-57	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-58	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-59	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(CR) 8-60	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(O) 8-61	Not Applicable	This objective does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(O) 8-62	Not Applicable	This objective does not apply to the EAGLE 5 ISS because surveillance for MTP restart and STP processor overload is a SEAS post-7.0 feature.
(R) 8-63	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-64	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(O) 8-65	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-66	Fully Compliant	
(R) 8-67	Fully Compliant	
(R) 8-68	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 8-69	Fully Compliant	
(O) 8-70	Not Compliant	The EAGLE 5 ISS does not guarantee sequencing of messages on output.
(R) 8-71	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because surveillance of manually caused link outages is a SEAS post-7.0 feature.
(O) 8-72	Not Applicable	This objective does not apply to the EAGLE 5 ISS because surveillance of manually caused link outages is a SEAS post-7.0 feature.
(R) 8-73	Fully Compliant	
(R) 8-74	Fully Compliant	
(R) 8-75	Fully Compliant	

Table 27: Section 9. STP Application Control Commands

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 9-1	Not Compliant	The EAGLE 5 ISS does not support the `INH-COLL` command.
(CR) 9-2	Not Compliant	The EAGLE 5 ISS does not support the `ALW-COLL` command.
(CR) 9-3	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP special study parameter administration is a SEAS deferred feature.
(CR) 9-4	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP special study parameter administration is a SEAS deferred feature.
(CR) 9-5	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP special study parameter administration is a SEAS deferred feature.
(CR) 9-6	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because MTP special study parameter administration is a SEAS deferred feature.
(CR) 9-7	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because administration of marginal link performance thresholds for maintenance is a SEAS deferred feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 9-8	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because administration of SS7 network management parameters is a SEAS deferred feature.
(CR) 9-9	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because administration of SS7 network management parameters is a SEAS deferred feature.
(CR) 9-10	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because STP data base administration is a SEAS deferred feature.

Table 28: Section 10. Transparent Mode (Flow-Through) Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) 10-1	Fully Compliant	
(CR) 10-2	Fully Compliant	
(R) 10-3	Fully Compliant	

Table 29: Section 11. Performance and Capacity

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) 11-1	Fully Compliant	
(CR) 11-2	Fully Compliant	
(R) 11-3	Partially Compliant	The completion responses to verify commands that contain large amounts of data could take greater than 60 seconds. The error response on input `TMC=SG99` will take much longer than 60 seconds.
(R) 11-4	Fully Compliant	
(O) 11-5	Fully Compliant	
(O) 11-6	Fully Compliant	
(O) 11-7	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 11-8	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.

Table 30: Section 12. Message Priority and Routing

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 12-1	Fully Compliant	
(R) 12-2	Fully Compliant	
(O) 12-3	Not Compliant	The EAGLE 5 ISS does not provide a means for configuring message loads among the non-time critical channels.
(R) 12-4	Fully Compliant	
(R) 12-5	Fully Compliant	
(R) 12-6	Fully Compliant	

Table 31: Section 13. Routing Verification Test Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 13-1	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-2	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-3	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-4	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-5	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-6	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-7	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 13-8	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-9	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-10	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-11	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-12	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-13	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-14	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-15	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-16	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-17	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.
(CR) 13-18	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because OMAP routing verification tests are a SEAS post-7.0 feature.

Table 32: Appendix A. Data Collection Request Structure

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) A-1	Not Compliant	The EAGLE 5 ISS does not support supplier-specific data collection mnemonics for non-standard collection schedules.
(R) A-2	Fully Compliant	
(R) A-3	Not Compliant	The EAGLE 5 ISS does not support supplier-specific data collection mnemonics for non-standard measured entity types.
(R) A-4	Not Compliant	The EAGLE 5 ISS does not support supplier-specific data collection mnemonics for non-standard measured entity types.
(R) A-5	Partially Compliant	The new non-standard measurement registers defined for Release 21.0 and beyond conform to supplier-specific data collection mnemonics.
(R) A-6	Partially Compliant	The new non-standard measurement registers defined for Release 21.0 and beyond conform to supplier-specific data collection mnemonics.
(R) A-7	Fully Compliant	
(R) A-8	Fully Compliant	
(R) A-9	Fully Compliant	
(R) A-10	Fully Compliant	
(R) A-11	Fully Compliant	
(R) A-12	Fully Compliant	
(R) A-13	Fully Compliant	
(R) A-14	Fully Compliant	

Table 33: Appendix B. Standard Data Collection Schedules

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-1	Fully Compliant	
(R) B-2	Fully Compliant	
(R) B-3	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-4	Fully Compliant	
(R) B-5	Fully Compliant	
(R) B-6	Fully Compliant	
(R) B-7	Fully Compliant	
(R) B-8	Fully Compliant	
(R) B-9	Fully Compliant	
(O) B-10	Fully Compliant	
(R) B-11	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-12	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-13	Fully Compliant	
(R) B-14	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-15	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-16	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP system totals (P_SYSTOT) measurements schedule.
(O) B-17	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP system totals (P_SYSTOT) measurements schedule.
(R) B-18	Fully Compliant	
(R) B-19	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-20	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(O) B-21	Not Applicable	This objective does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-22	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-23	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-24	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-25	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-26	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-27	Fully Compliant	
(O) B-28	Fully Compliant	
(O) B-29	Not Applicable	This objective does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-30	Not Applicable	This objective does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-31	Fully Compliant	
(R) B-32	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-33	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-34	Not Compliant	The EAGLE 5 ISS does not support the TT entity type.
(R) B-35	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP application support is a SEAS post-7.0 feature.
(R) B-36	Fully Compliant	
(R) B-37	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-38	Fully Compliant	
(R) B-39	Fully Compliant	
(O) B-40	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(R) B-41	Fully Compliant	
(R) B-42	Fully Compliant	
(R) B-43	Fully Compliant	
(O) B-44	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(O) B-45	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(R) B-46	Fully Compliant	
(R) B-47	Fully Compliant	
(O) B-48	Fully Compliant	
(R) B-49	Fully Compliant	
(R) B-50	Fully Compliant	
(O) B-51	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(R) B-52	Fully Compliant	
(R) B-53	Fully Compliant	
(O) B-54	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(R) B-55	Fully Compliant	
(R) B-56	Fully Compliant	
(R) B-57	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(O) B-58	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(O) B-59	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-60	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(O) B-61	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(O) B-62	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(O) B-63	Not Compliant	The EAGLE 5 ISS does not support this measurement in its component (P_COMP) measurements schedule.
(R) B-64	Fully Compliant	
(R) B-65	Fully Compliant	
(R) B-66	Fully Compliant	
(R) B-67	Fully Compliant	
(R) B-68	Fully Compliant	
(R) B-69	Fully Compliant	
(R) B-70	Fully Compliant	
(R) B-71	Fully Compliant	
(R) B-72	Fully Compliant	
(R) B-73	Fully Compliant	
(O) B-74	Not Compliant	The EAGLE 5 ISS does not support the BFRGRP entity type.
(O) B-75	Not Compliant	The EAGLE 5 ISS does not support the BUFFR entity type.
(O) B-76	Not Compliant	The EAGLE 5 ISS does not support the BUFFR entity type.
(O) B-77	Not Compliant	The EAGLE 5 ISS does not support the BUFFR entity type.
(O) B-78	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-79	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-80	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(O) B-81	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(R) B-82	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-83	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) B-84	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(O) B-85	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-86	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-87	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(O) B-88	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-89	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(CR) B-90	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(O) B-91	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(O) B-92	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-93	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-94	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-95	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-96	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-97	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-98	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-99	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-100	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-101	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-102	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-103	Not Compliant	EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-104	Not Compliant	EAGLE 5 ISS does not support the PROCGRP entity type.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-105	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-106	Not Compliant	The EAGLE 5 ISS does not support the BUS entity type.
(O) B-107	Not Compliant	The EAGLE 5 ISS does not support the BUS entity type.
(O) B-108	Not Compliant	The EAGLE 5 ISS does not support the BUS entity type.
(O) B-109	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-110	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-111	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-112	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-113	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-114	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-115	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-116	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-117	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(O) B-118	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-119	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-120	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-121	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-122	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-123	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-124	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-125	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(R) B-126	Not Compliant	The EAGLE 5 ISS does not support the service measurements (P_SERV) schedule.
(CR) B-127	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-128	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-129	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-130	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-131	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-132	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-133	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(CR) B-134	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because the special study measurements (P_SPST) schedule is a SEAS deferred feature.
(O) B-135	Fully Compliant	
(O) B-136	Fully Compliant	
(O) B-137	Fully Compliant	
(O) B-138	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-139	Fully Compliant	
(O) B-140	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-141	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-142	Fully Compliant	
(O) B-143	Fully Compliant	
(O) B-144	Fully Compliant	
(O) B-145	Fully Compliant	
(O) B-146	Fully Compliant	
(O) B-147	Fully Compliant	
(O) B-148	Fully Compliant	
(O) B-149	Fully Compliant	
(O) B-150	Not Applicable	This objective does not apply because this measurement is currently unassigned and reserved for future use by SEAS.
(O) B-151	Fully Compliant	
(O) B-152	Fully Compliant	
(O) B-153	Fully Compliant	
(O) B-154	Fully Compliant	
(O) B-155	Fully Compliant	
(O) B-156	Fully Compliant	
(O) B-157	Fully Compliant	
(O) B-158	Fully Compliant	
(O) B-159	Fully Compliant	
(O) B-160	Fully Compliant	
(O) B-161	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-162	Fully Compliant	
(O) B-163	Fully Compliant	
(O) B-164	Fully Compliant	
(O) B-165	Fully Compliant	
(O) B-166	Fully Compliant	
(O) B-167	Fully Compliant	
(O) B-168	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-169	Fully Compliant	
(O) B-170	Fully Compliant	
(O) B-171	Fully Compliant	
(O) B-172	Fully Compliant	
(O) B-173	Fully Compliant	
(O) B-174	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-175	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-176	Fully Compliant	
(O) B-177	Fully Compliant	
(O) B-178	Fully Compliant	
(O) B-179	Fully Compliant	
(CR) B-180	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-181	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-182	Fully Compliant	
(O) B-183	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-184	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-185	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-186	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-187	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-188	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-189	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-190	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-191	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-192	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-193	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-194	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-195	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-196	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-197	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-198	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-199	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.
(O) B-200	Partially Compliant	This register is reported on a per-link basis and not part of the LNKSET entity type.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-201	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-202	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-203	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-204	Not Compliant	The EAGLE 5 ISS does not support the BFRGRP entity type.
(O) B-205	Not Compliant	The EAGLE 5 ISS does not support the BFRGRP entity type.
(O) B-206	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-207	Not Compliant	This register is both not supported and not reported.
(O) B-208	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-209	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-210	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-211	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-212	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-213	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-214	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-215	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-216	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-217	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-218	Partially Compliant	The value reported is hardcoded and non-provisionable.
(O) B-219	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-220	Fully Compliant	
(O) B-221	Fully Compliant	
(O) B-222	Fully Compliant	
(O) B-223	Fully Compliant	
(O) B-224	Fully Compliant	.
(O) B-225	Fully Compliant	
(O) B-226	Fully Compliant	
(O) B-227	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-228	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-229	Not Compliant	The EAGLE 5 ISS does not support this measurement in its in-service record base (P_RBASE) measurements schedule.
(O) B-230	Not Compliant	The EAGLE 5 ISS does not support the BUFFR entity type.
(O) B-231	Not Compliant	The EAGLE 5 ISS does not support the BUFFR entity type.
(O) B-232	Not Compliant	The EAGLE 5 ISS does not support the supplier-specific entity types.
(O) B-233	Fully Compliant	
(O) B-234	Fully Compliant	
(O) B-235	Fully Compliant	
(R) B-236	Fully Compliant	
(R) B-237	Fully Compliant	
(R) B-238	Fully Compliant	
(O) B-239	Fully Compliant	
(O) B-240	Not Applicable	This objective does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-241	Not Applicable	This objective does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-242	Fully Compliant	
(O) B-243	Not Applicable	This objective does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-244	Not Applicable	This objective does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-245	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-246	Fully Compliant	
(R) B-247	Fully Compliant	
(R) B-248	Fully Compliant	
(O) B-249	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-250	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-251	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-252	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-253	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-254	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-255	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-256	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-257	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-258	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-259	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-260	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-261	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-262	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-263	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-264	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(CR) B-265	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-266	Fully Compliant	
(R) B-267	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-268	Not Applicable	This objective does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-269	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-270	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-271	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-272	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-273	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-274	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-275	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-276	Fully Compliant	
(R) B-277	Fully Compliant	
(O) B-278	Fully Compliant	
(R) B-279	Fully Compliant	
(R) B-280	Fully Compliant	
(R) B-281	Fully Compliant	
(R) B-282	Partially Compliant	The value is approximated by dividing the number of octets received by the link speed (in octets/second)
(O) B-283	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-284	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-285	Fully Compliant	
(O) B-286	Fully Compliant	
(R) B-287	Fully Compliant	
(O) B-288	Fully Compliant	
(O) B-289	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-290	Partially Compliant	This value is the number of signaling units received with bad CRC.
(O) 2-291	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) 2-292	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-293	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-294	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-295	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-296	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-297	Fully Compliant	
(O) B-298	Fully Compliant	
(O) B-299	Fully Compliant	
(O) B-300	Fully Compliant	
(O) B-301	Fully Compliant	
(O) B-302	Fully Compliant	
(O) B-303	Fully Compliant	
(O) B-304	Fully Compliant	
(O) B-305	Fully Compliant	
(R) B-306	Fully Compliant	
(O) B-307	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-308	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(R) B-309	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-310	Fully Compliant	
(R) B-311	Fully Compliant	
(R) B-312	Fully Compliant	
(R) B-313	Fully Compliant	
(O) B-314	Fully Compliant	
(O) B-315	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-316	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-317	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-318	Fully Compliant	
(O) B-319	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-320	Fully Compliant	
(O) B-321	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-322	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-323	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-324	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-325	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-326	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-327	Not Compliant	The EAGLE 5 ISS does not support this measurement in its daily maintenance (P_MTCD) measurements schedule.
(O) B-328	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-329	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-330	Not Compliant	The EAGLE 5 ISS does not support the PROCGRP entity type.
(O) B-331	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type
(O) B-332	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type
(O) B-333	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type
(O) B-334	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type
(O) B-335	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type
(R) B-336	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-337	Not Compliant	The EAGLE 5 ISS does not support the supplier-specific entity types.
(O) B-338	Not Compliant	The EAGLE 5 ISS does not support the supplier-specific entity types.
(O) B-339	Not Compliant	The EAGLE 5 ISS does not support the supplier-specific entity types.
(O) B-340	Not Compliant	The EAGLE 5 ISS does not support the network management on-demand measurements (D_NM) schedule.
(O) B-341	Not Compliant	The EAGLE 5 ISS does not support the network management on-demand measurements (D_NM) schedule.
(O) B-342	Not Compliant	The EAGLE 5 ISS does not support the network management on-demand measurements (D_NM) schedule.
(O) B-343	Not Compliant	The EAGLE 5 ISS does not support the network management on-demand measurements (D_NM) schedule.
(O) B-344	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-345	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-346	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-347	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-348	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-349	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-350	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-351	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-352	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-353	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) B-354	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(CR) B-355	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(CR) B-356	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-357	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-358	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-359	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-360	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-361	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-362	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-363	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-364	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-365	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-366	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-367	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-368	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-369	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-370	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-371	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-372	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-373	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-374	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-375	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-376	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(R) B-377	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-378	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-379	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-380	Not Compliant	The EAGLE 5 ISS does not support the hourly maintenance (on-demand) measurements (D_MTCH) schedule.
(O) B-381	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-382	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-383	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-384	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-385	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-386	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-387	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-388	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-389	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-390	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-391	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-392	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(O) B-393	Not Compliant	The EAGLE 5 ISS does not support the maintenance status indicators (on-demand) measurements (D_MTCS) schedule.
(R) B-394	Fully Compliant	
(R) B-395	Fully Compliant	
(R) B-396	Fully Compliant	
(R) B-397	Fully Compliant	
(R) B-398	Fully Compliant	
(R) B-399	Fully Compliant	
(R) B-400	Fully Compliant	
(R) B-401	Fully Compliant	
(R) B-402	Fully Compliant	
(O) B-403	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-404	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-405	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-406	Fully Compliant	
(R) B-407	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(R) B-408	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because GTT (and MTP routing) error surveillance improvements is a SEAS post-7.0 feature.
(O) B-409	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-410	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-411	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-412	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-413	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-414	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-415	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-416	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-417	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-418	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-419	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-420	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(R) B-421	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(R) B-422	Not Compliant	The EAGLE 5 ISS does not support this measurement in its network management measurements (A_NM) schedule.
(O) B-423	Not Applicable	This objective does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-424	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(O) B-425	Not Applicable	This objective does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(O) B-426	Not Applicable	This objective does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(O) B-427	Not Applicable	This objective does not apply to the EAGLE 5 ISS because SCCP ISNI message routing is a SEAS post-7.0 feature.
(R) B-428	Fully Compliant	
(R) B-429	Fully Compliant	
(R) B-430	Fully Compliant	
(R) B-431	Fully Compliant	
(R) B-432	Fully Compliant	
(R) B-433	Fully Compliant	
(R) B-434	Fully Compliant	
(R) B-435	Fully Compliant	
(R) B-436	Fully Compliant	
(R) B-437	Fully Compliant	
(R) B-438	Fully Compliant	
(R) B-439	Fully Compliant	
(R) B-440	Fully Compliant	
(R) B-441	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-442	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.
(R) B-443	Not Compliant	The EAGLE 5 ISS does not support the PROC entity type.

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Table 34: Section 3. Recent Change and Verify Gateway Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 3-1	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the link set group identifier parameter, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-2	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-3	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the new link set group identifier parameter, the new remarks parameter, nor the new supplier-specific parameter block. also, the EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-4	Partially Compliant	The EAGLE 5 ISS does not support ranges the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-5	Partially Compliant	The EAGLE 5 ISS does not support deleting all OPCs for a screening reference (the value '**' for the `NC` and `NCM` parameters), nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 3-6	Partially Compliant	The EAGLE 5 ISS does not support changing all OPCs for a screening reference (the value '**' for the NC and NCM parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-7	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support ISUP message type screening, rejection message suppression on a per screen basis, and new input validations, because these are SEAS post-7.0 features.
(R) 3-8	Partially Compliant	The EAGLE 5 ISS does not support deleting all DPCs for a screening reference (the value '**' for the NC and NCM parameters), nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-9	Partially Compliant	The EAGLE 5 ISS does not support changing all DPCs for a screening reference (the value '**' for the current NC and current NCM parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support ISUP message type screening, rejection message suppression on a per screen basis, and new input validations, because these are SEAS post-7.0 features.
(R) 3-10	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-11	Partially Compliant	The EAGLE 5 ISS does not support deleting all blocked OPCs for a screening reference (the value '**' for the NC and NCM parameters), nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-12	Partially Compliant	The EAGLE 5 ISS does not support changing all blocked OPCs for a screening reference (the value '**' for the current NC and current NCM parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-13	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support ISUP message type screening and new input validations, because these are SEAS post-7.0 features.
(R) 3-14	Partially Compliant	The EAGLE 5 ISS does not support deleting all blocked DPCs for a screening reference (the value '**' for the NC and NCM parameters), nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support ISUP message type screening and new input validations, because these are SEAS post-7.0 features.
(R) 3-15	Partially Compliant	The EAGLE 5 ISS does not support changing all blocked DPCs for a screening reference (the value '**' for the current NC and current NCM parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-16	Partially Compliant	The EAGLE 5 ISS does not support ranges for the service indicator and network indicator parameters, the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support ISUP message type screening, rejection message suppression on a per screen basis, and new input validations, because these are SEAS post-7.0 features.
(R) 3-17	Partially Compliant	The EAGLE 5 ISS does not support deleting all SIOs for a screening reference (the '**' value for the network indicator and message priority parameters), ranges for the service indicator (SI) and network indicator (NIC) parameters, the parameters for delayed activation, nor the message priority parameter. Also, the EAGLE 5 ISS does not support ISUP message type screening, rejection message suppression on a per screen basis, and new input validations, because these are SEAS post-7.0 features.
(R) 3-18	Partially Compliant	The EAGLE 5 ISS does not support changing all SIOs for a screening reference (the value '**' for the current network indicator and current message priority parameters), ranges for the current service indicator, new service indicator, current network indicator or new network indicator parameters, the parameters for delayed activation, the

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-19	Partially Compliant	The EAGLE 5 ISS does not support ranges for the subsystem number parameter, the parameters for delayed activation, the link set group identifier parameter, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support SCCP message type screening and rejection message suppression on a per screen basis, because these are SEAS post-7.0 features.
(R) 3-20	Partially Compliant	The EAGLE 5 ISS does not support deleting all CGPAs for a screening reference (the value '**' for the NC, NCM, and routing indicator parameters), ranges for the subsystem number parameter, the parameters for delayed activation, nor the link set group identifier parameter. Also, the EAGLE 5 ISS does not support SCCP message type screening and rejection message suppression on a per screen basis, because these are SEAS post-7.0 features.
(R) 3-21	Partially Compliant	The EAGLE 5 ISS does not support changing all CGPAs for a screening reference (the value '**' for the current NC, current NCM, and current routing indicator parameters), ranges for the current subsystem number and new subsystem number parameters, the parameters for delayed activation, the link set group identifier parameter, the new link set identifier parameter, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support SCCP message type screening and rejection message suppression on a per screen basis, because these are SEAS post-7.0 features.
(R) 3-22	Partially Compliant	The EAGLE 5 ISS does not support ranges for the subsystem number parameter, the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis, because this is a SEAS post-7.0 feature.
(R) 3-23	Partially Compliant	The EAGLE 5 ISS does not support deleting all CDPAs for a screening reference (the value '**' for the NC, NCM, and SCMG format identifier parameters), ranges for the subsystem number parameter, nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		rejection message suppression on a per screen basis, because this is a SEAS post-7.0 feature.
(R) 3-24	Partially Compliant	The EAGLE 5 ISS does not support changing all CDPAs for a screening reference (the value '**' for the current NC, current NCM, and current SCMG format identifier parameters), ranges for the current subsystem number and new subsystem number parameters, the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis, because this is a SEAS post-7.0 feature.
(R) 3-25	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-26	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-27	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-28	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-29	Partially Compliant	The EAGLE 5 ISS does not support deleting all DESTFLDs for a screening reference (the value '**' for the NC and NCM parameters), nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-30	Partially Compliant	The EAGLE 5 ISS does not support changing all DESTFLDs for a screening reference (the value '**' for the current NC

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		and current NCM parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-31	Partially Compliant	The EAGLE 5 ISS does not support ranges for the subsystem number parameter, the parameters for delayed activation, the remarks parameter, nor the supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features
(R) 3-32	Partially Compliant	The EAGLE 5 ISS does not support deleting all AFTPCs for a screening reference (the value '**' for the NC, NCM, and subsystem number parameters), ranges for the subsystem number parameter, nor the parameters for delayed activation. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-33	Partially Compliant	The EAGLE 5 ISS does not support changing all AFTPCs for a screening reference (the value '**' for the current NC, current NCM, and current subsystem number parameters), ranges for the current subsystem number and new subsystem number parameters, the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-34	Partially Compliant	The EAGLE 5 ISS does not support the parameters for delayed activation, the New Remarks parameter, nor the New Supplier-Specific Parameter block. Also, the EAGLE 5 ISS does not support Rejection Message Suppression on a per screen basis and New Input Validations as these are SEAS post-7.0 feature.
(R) 3-35	Partially Compliant	The EAGLE 5 ISS does not support deleting all ISUP Message types for a screening reference (the null value for the ISUP parameter), the parameters for delayed activation, the New Remarks parameter, nor the New Supplier-Specific Parameter block. Also, the EAGLE 5 ISS does not support Rejection Message Suppression on a per screen basis and New Input Validations as these are SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 3-36	Partially Compliant	The EAGLE 5 ISS does not support changing all ISUP Message Types for a screening reference (the null value for the ISUP and NISUP parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(CR) 3-37	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(CR) 3-38	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(CR) 3-39	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(CR) 3-40	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(R) 3-41	Fully Compliant	The EAGLE 5 ISS does not support new input validations, as this is a SEAS post-7.0 feature.
(R) 3-42	Fully Compliant	The EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-43	Fully Compliant	The EAGLE 5 ISS does not support ISUP message type screening, rejection message suppression on a per screen basis, and new input validations, because these are SEAS post-7.0 features.
(R) 3-44	Fully Compliant	The EAGLE 5 ISS does not support new input validations, because this is a SEAS post-7.0 feature.
(R) 3-45	Fully Compliant	The EAGLE 5 ISS does not support ISUP message type screening and new input validations, because these are SEAS post-7.0 features.
(R) 3-46	Partially Compliant	The EAGLE 5 ISS does not support ranges for the service indicator and network indicator parameters. Also, the EAGLE 5 ISS does not support ISUP message type screening, rejection message suppression on a per screen basis, and new input validations, as these are SEAS post-7.0 features

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 3-47	Partially Compliant	The EAGLE 5 ISS does not support ranges for the subsystem number parameter, nor does it support the link set identifier parameter. also, the EAGLE 5 ISS does not support SCCP message type screening and rejection message suppression on a per screen basis, as these are SEAS post-7.0 features.
(R) 3-48	Partially Compliant	The EAGLE 5 ISS does not support ranges for the subsystem number parameter. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis, as this is a SEAS post-7.0 feature.
(R) 3-49	Fully Compliant	The EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-50	Fully Compliant	The EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-51	Partially Compliant	The EAGLE 5 ISS does not support ranges for the subsystem number parameter. Also, the EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, because these are SEAS post-7.0 features.
(R) 3-52	Fully Compliant	The EAGLE 5 ISS does not support rejection message suppression on a per screen basis and new input validations, as these are SEAS post-7.0 features.
(R) 3-53	Partially Compliant	This requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(R) 3-54	Partially Compliant	The EAGLE 5 ISS does not support translation type mapping, because this is a SEAS deferred feature.
(R) 3-55	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-56	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-57	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-58	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 3-59	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-60	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-61	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-62	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-63	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-64	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-65	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-66	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-67	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-68	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.
(R) 3-69	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new screening errors is a SEAS post-7.0 feature.

Table 35: Section 4. Gateway On-Occurrence Autonomous Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 4-1	Fully Compliant	
(R) 4-2	Partially Compliant	The EAGLE 5 ISS currently only supports the “GTWYLS” value for the entity set name parameter. The EAGLE 5 ISS does not support ISUP message type screening, SS7 message inclusion in rejection message, and additional fields that support PCS applications, as these are SEAS post-7.0 features.
(R) 4-3	Not Compliant	The EAGLE 5 ISS does not currently support the REPT-SCRERR message.

Table 36: Section 5. Gateway Application Control Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 5-1	Not Compliant	The EAGLE 5 ISS does not support the `INH-COLL` command.
(R) 5-2	Not Compliant	The EAGLE 5 ISS does not support the `ALW-COLL` command.
(R) 5-3	Partially Compliant	The new values are set and used immediately. The current (possibly in-use) values are replaced.
(R) 5-4	Partially Compliant	New values are set and used immediately. The current (possibly in-use) values are replaced. The EAGLE 5 ISS does not support the SS7 message inclusion indicator parameter as this is a SEAS post-7.0 feature
(R) 5-5	Not Compliant	The EAGLE 5 ISS does not currently support the `SET-SCRERR-PRMTRS` message.
(R) 5-6	Fully Compliant	
(R) 5-7	Fully Compliant	
(R) 5-8	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new input validations is a SEAS post-7.0 feature.
(R) 5-9	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new input validations is a SEAS post-7.0 feature.
(R) 5-10	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new input validations is a SEAS post-7.0 feature.
(R) 5-11	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because new input validations is a SEAS post-7.0 feature.

Table 37: Section 6. STP Gateway Data Collection

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 6-1	Partially Compliant	See *Table 24: Section 6. Data Collection Messages*.
(R) 6-2	Partially Compliant	The P_GTWY measurements schedule is being supported with the limitation that only the STP, ORIGNI, ORIGNINC, LNKSET, LSDESTNI and LSORIGNI entity types are supported. The ALL and ACTIVE values for the period parameter to the `SEND-DEM-MEAS` and `SEND-SCH-MEAS` is not supported for this schedule. Furthermore, the number of entities is limited to the given value for the following (new) entity types:

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		ORIGNI = 60 ORIGNINC = 800 LSDESTNI = 3000 (and limited to 60 per linkset) LSORIGNI = 1000 (and limited to 60 per linkset)
(O) 6-3	Not Applicable	This objective does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) 6-4	Not Compliant	The EAGLE 5 ISS does not currently support the gateway daily maintenance (P_GMTCD) measurement schedule.
(R) 6-5	Not Compliant	The EAGLE 5 ISS does not currently support the gateway hourly maintenance (P_GMTCH) measurement schedule.
(R) 6-6	Partially Compliant	The EAGLE 5 ISS does not currently support per originating network identifier, per translation type (ORIGNITT), per originating network identifier, per originating network cluster, per translation type (ONIONCTT), per link set, per originating network identifier, per destination point code, per service identifier (LSONDPSI), per link set, per originating network identifier, per affected destination field (LSONDEST), per link set, per originating network identifier, per calling party address PC and SSN, per translation type (LSONCGTT), per link set, per originating network identifier per calling party address PC and SSN, per DPC and called party address SSN (LSONCGCD), and per link set, per originating network identifier, measured entity types. Also, the EAGLE 5 ISS does not support the per ISUP message type (LSONISMT) measured entity type, because this is a SEAS post-7.0 feature. **Note:** The ORIGNINC entities will only exist for NI - NC combinations whose network indicator is in the range from 1 to 5 (inclusive).
(CR) 6-7	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(O) 6-8	Fully Compliant	
(R) 6-9	Fully Compliant	
(R) 6-10	Partially Compliant	See *Table 24: Section 6. Data Collection Messages*
(O) 6-11	Not Compliant	The EAGLE 5 ISS does not currently report the particular field that failed in a gateway message.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 6-12	Partially Compliant	The EAGLE 5 ISS does not currently support service (P_SERV) and gateway daily maintenance (P_GMTCD) measurement schedules.
(R) 6-13	Partially Compliant	The EAGLE 5 ISS does not currently support service (P_SERV), gateway daily maintenance (P_GMTCD), and gateway hourly maintenance (P_GMTCH) measurement schedules, as well as per buffer group (BFRGRP), per buffer (BUFFR), per processor group (PROCGRP), per processor (PROC), per originating network identifier (ORIGNI), per originating network identifier, per originating network cluster (ORIGNINC), per originating network identifier, per translation type (ORIGNITT), per originating network identifier, per originating network cluster, per translation type (ONIONCTT), per link set, per link set, per originating network identifier, per destination point code, per service identifier (LSONDPSI), per link set, per originating network identifier, per affected destination field (LSONDEST), per link set, per originating network identifier, per calling party address PC and SSN, per translation type (LSONCGTT), per link set, per originating network identifier per calling party address PC and SSN, per DPC and called party address SSN (LSONCGCD), and per link set, per originating network identifier, measured entity types. The EAGLE 5 ISS does not support the per link set, per translation type (LSTT) and the per translation type (TT) measured entity types, as those are SEAS deferred features. Also, the EAGLE 5 ISS does not support per ISUP message type (LSONISMT) measured entity type, as this is a SEAS post-7.0 feature. **Note:** "ACTIVE" period measurements are not supported for schedule P_GTWY.
(R) 6-14	Partially Compliant	The EAGLE 5 ISS does not currently support the service (P_SERV), and gateway daily maintenance (P_GMTCD) measurement schedules.
(R) 6-15	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because gateway STP detailed rejection measurements is a SEAS deferred feature.

Table 38: Section 8. Performance and Capacity Requirements

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 8-1	Partially Compliant	Completion responses to commands that contain large amounts of data could take greater than 60 seconds.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 8-2	Partially Compliant	The error response on input `TMC=SG99` will take much longer than 60 seconds.
(R) 8-3	Partially Compliant	Error responses on execution to commands that contain large amounts of data could take greater than 60 seconds.
(R) 8-4	Fully Compliant	
(R) 8-5	Not Compliant	The EAGLE 5 ISS does not currently support the `INH-COLL` or `ALW-COLL` application control commands.
(R) 8-6	Not Compliant	The EAGLE 5 ISS does not currently support the `INH-COLL` or `ALW-COLL` application control commands.
(R) 8-7	Fully Compliant	The EAGLE 5 ISS does not support the gateway STP detailed rejection (P_GWREJ) measurement schedule, because this is a SEAS deferred feature.
(R) 8-8	Not Compliant	The EAGLE 5 ISS does not currently support the gateway daily maintenance (P_GMTCD) measurement schedule.
(R) 8-9	Not Compliant	The EAGLE 5 ISS does not currently support the gateway hourly maintenance (P_GMTCH) measurement schedule.
(R) 8-10	Fully Compliant	
(R) 8-11	Not Compliant	The EAGLE 5 ISS does not currently support the `REPT-SCRERR` message.
(R) 8-12	Fully Compliant	
(R) 8-13	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-14	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-15	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.
(R) 8-16	Not Compliant	The EAGLE 5 ISS does not support storage of autonomous messages for retransmission.

Table 39: Appendix B. Gateway Measurement Definitions and Standard Register Labels

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-1	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-2	Fully Compliant	
(O) B-3	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(O) B-4	Fully Compliant	
(O) B-5	Fully Compliant	
(O) B-6	Fully Compliant	
(O) B-7	Fully Compliant	
(O) B-8	Fully Compliant	
(O) B-9	Fully Compliant	
(O) B-10	Fully Compliant	
(O) B-11	Fully Compliant	
(O) B-12	Fully Compliant	
(O) B-13	Fully Compliant	
(O) B-14	Fully Compliant	
(O) B-15	Fully Compliant	
(O) B-16	Fully Compliant	
(O) B-17	Fully Compliant	
(O) B-18	Fully Compliant	
(CR) B-19	Fully Compliant	
(R) B-20	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(R) B-21	Fully Compliant	
(O) B-22	Fully Compliant	
(O) B-23	Fully Compliant	
(O) B-24	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-25	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(R) B-26	Fully Compliant	
(O) B-27	Fully Compliant	
(O) B-28	Fully Compliant	
(O) B-29	Fully Compliant	
(O) B-30	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(R) B-31	Not Compliant	The EAGLE 5 ISS does not support the ORIGNITT entity type.
(R) B-32	Not Compliant	The EAGLE 5 ISS does not support the ORIGNITT entity type.
(O) B-33	Not Compliant	The EAGLE 5 ISS does not support the ORIGNITT entity type.
(R) B-34	Not Compliant	The EAGLE 5 ISS does not support the ONIONCTT entity type.
(R) B-35	Not Compliant	The EAGLE 5 ISS does not support the ONIONCTT entity type.
(O) B-36	Not Compliant	The EAGLE 5 ISS does not support the ONIONCTT entity type.
(R) B-37	Fully Compliant	
(R) B-38	Fully Compliant	
(R) B-39	Fully Compliant	
(R) B-40	Fully Compliant	
(R) B-41	Fully Compliant	
(R) B-42	Fully Compliant	
(R) B-43	Fully Compliant	
(R) B-44	Fully Compliant	
(R) B-45	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-46	Fully Compliant	
(R) B-47	Fully Compliant	
(R) B-48	Fully Compliant	
(R) B-49	Fully Compliant	
(R) B-50	Fully Compliant	
(R) B-51	Fully Compliant	
(R) B-52	Fully Compliant	
(R) B-53	Fully Compliant	
(R) B-54	Fully Compliant	
(O) B-55	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(R) B-56	Fully Compliant	
(R) B-57	Fully Compliant	
(R) B-58	Fully Compliant	
(R) B-59	Fully Compliant	
(R) B-60	Fully Compliant	
(O) B-61	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(R) B-62	Fully Compliant	
(R) B-63	Fully Compliant	
(R) B-64	Fully Compliant	
(R) B-65	Fully Compliant	
(R) B-66	Fully Compliant	
(R) B-67	Fully Compliant	
(R) B-68	Fully Compliant	
(R) B-69	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-70	Fully Compliant	
(R) B-71	Fully Compliant	
(R) B-72	Fully Compliant	
(O) B-73	Fully Compliant	
(O) B-74	Fully Compliant	
(O) B-75	Fully Compliant	
(O) B-76	Fully Compliant	
(O) B-77	Fully Compliant	
(O) B-78	Fully Compliant	
(O) B-79	Fully Compliant	
(O) B-80	Not Compliant	The EAGLE 5 ISS does not support this measurement in its STP gateway administration measurements (P_GTWY) schedule.
(CR) B-81	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(CR) B-82	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(O) B-83	Not Applicable	This objective does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(CR) B-84	Not Applicable	This conditional requirement does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(O) B-85	Not Applicable	This objective does not apply to the EAGLE 5 ISS because translation type mapping is a SEAS deferred feature.
(R) B-86	Fully Compliant	
(O) B-87	Not Applicable	Not Implemented.
(R) B-88	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-89	Not Applicable	This objective does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) B-90	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) B-91	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(O) B-92	Not Applicable	This objective does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) B-93	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(O) B-94	Not Applicable	This objective does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) B-95	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) B-96	Not Applicable	This requirement does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(O) B-97	Not Applicable	This objective does not apply to the EAGLE 5 ISS because the gateway STP detailed rejection (P_GWREJ) measurement schedule is a SEAS deferred feature.
(R) B-98	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(O) B-99	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(CR) B-100	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(O) B-101	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(CR) B-102	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) B-103	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(O) B-104	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(R) B-105	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.
(O) B-106	Not Compliant	The EAGLE 5 ISS does not support the STP gateway daily maintenance measurements (P_GMTCD) schedule.

A

Allowed Affected Destination Field	The gateway screening entity that identifies the point code in the affected destination field (the concerned signaling point code) of incoming MTP network management messages from another network that are allowed into the EAGLE 5 ISS. Messages containing the specified point code are allowed into the network.
Allowed DPC	The gateway screening entity that identifies the destination point codes that are allowed to receive SS7 messages from the EAGLE 5 ISS. Messages containing the specified destination point codes go on to the next step in the gateway screening process, or are allowed into the network if the gateway screening process stops with this entity.
Allowed ISUP	The gateway screening entity that identifies the ISUP or TUP message types that are allowed into the network.
Allowed OPC	The gateway screening entity that identifies the originating point codes that are allowed to send SS7 messages into the network. Messages containing the specified originating point codes go on to the next step in the gateway screening process, or are allowed into the network if the gateway screening process stops with this entity.

A

Allowed SIO	The gateway screening entity that identifies the type of MSUs (ISUP, TUP, TCAP, and so forth) that are allowed into the network. The message type is determined by the network indicator code (NIC), priority (PRI), and service indicator (SI) fields of the signaling information octet (SIO) field in the MSU, and the H0 and H1 heading codes of the signaling information field of the MSU. Messages containing the specified message type go on to the next step in the gateway screening process, or are allowed into the network if the gateway screening process stops with this entity.
AND	AIN Number of Digits (in GTT address for AIN query)
ANSI	American National Standards Institute An organization that administers and coordinates the U.S. voluntary standardization and conformity assessment system. ANSI develops and publishes standards. ANSI is a non-commercial, non-government organization which is funded by more than 1000 corporations, professional bodies, and enterprises.
APC	Adjacent Point Code The point code that identifies a node adjacent to the EAGLE 5 ISS. This term is used in link sets and routes.
	Application Processing Chassis

A

ASL8	Adjacent SLS 8-bit Indicator
ATM	Asynchronous Transfer Mode A packet-oriented transfer mode that uses an asynchronous time division multiplexing technique to multiplex information flow in fixed blocks, called cells. A high-bandwidth, low-delay switching, and multiplexing technology to support applications that include high-speed data, local area network interconnection, multimedia application and imaging, and residential applications such as video telephony and other information-based services.
ATMANSI	The application used for high-speed ANSI ATM signaling links.

B

BEI	Broadcast Exception Indicator

C

CIC	Carrier Identification Code A 4-digit code that controls the routing applied to a message. Circuit Identification Code
CLLI	Common Language Location Identifier The CLLI uniquely identifies the STP in terms of its physical location. It is usually comprised of a combination of identifiers for the STP's city (or locality), state (or

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province), building, and traffic unit identity. The format of the CLLI is:

The first four characters identify the city, town, or locality.

The first character of the CLLI must be an alphabetical character.

The fifth and sixth characters identify state or province.

The seventh and eighth characters identify the building.

The last three characters identify the traffic unit.

Cluster

A group of signaling points whose point codes have identical values for the network and cluster fields of the point codes. A cluster entry in the routing table is shown as an asterisk (*) in the member field of the point code, for example, 111-011-*. Cluster entries can be provisioned only as ANSI destination point codes.

CNCF

Calling Name Conversion Facility

CNCF provides a conversion of ISUP IAM messages using calling name identification presentation (CNIP) for calling name information delivery. CNIP uses either non-standard proprietary ISUP party information (PIP) parameter or ANSI standard ISUP generic name (GN) parameter.

control cards

Cards that occupy slots 1113 through 1118 of the control shelf on an EAGLE 5 ISS and perform OAM, TDM, and database functions for the EAGLE 5 ISS. The legacy set consists of the single-slot

C

GPSM-II card running the OAM application and EOAM GPL, the single-slot TDM card, and the dual-slot MDAL card. The E5-based set consists of the dual-slot E5-MASP card (the E5-MCAP module and the E5-TDM module) and the dual-slot E5-MDAL card.

Cards that occupy slots 1113 through 1118 of the control shelf control cards on an EAGLE 5 ISS and perform basic OAM. The E5-based set consists of the dual-slot E5-MASP card (the E5-MCAP module and the E5-TDM module) and the dual-slot E5-MDAL card.

CR

Cluster Routing

Connection Request

CRC

CAM Redundancy Controller

Cyclic Redundancy Check

A number derived from, and stored or transmitted with, a block of data in order to detect corruption. By recalculating the CRC and comparing it to the value originally transmitted, the receiver can detect some types of transmission errors.

D

DA

Destination Address

Digit Action

DCM

Database Communication Module

The DCM provides IP connectivity for applications. Connection to a host is achieved through an ethernet LAN using the TCP/IP protocol.

D

DESTFLD

The point code in the affected destination field (the concerned signaling point code) of incoming MTP network management messages from another network that are allowed into the EAGLE 5 ISS.

Destination

The node to which the signaling link traffic is routed. This destination is identified by a point code, either a full point code or a cluster point code.

DPC

Destination Point Code

DPC refers to the scheme in SS7 signaling to identify the receiving signaling point. In the SS7 network, the point codes are numeric addresses which uniquely identify each signaling point. This point code can be adjacent to the EAGLE 5 ISS, but does not have to be.

DTA

Database Transport Access

A feature in the EAGLE 5 ISS that encapsulates specific MSUs into the data portion of SCCP within a new SS7 MSU and sends the new MSU to the destination using global title translation. The EAGLE 5 ISS uses gateway screening to determine which MSUs are used by the DTA feature.

E

E1

The European equivalent of T1 that transmits digital data over a telephone network at 2.048 Mbps.

E

E5-E1T1	EPM-based E1/T1 Multi-Channel Interface Module An EPM-based card that provides E1 and T1 connectivity. The E5 indicates the card is for existing EAGLE 5 control and extension shelves. E1T1 is an abbreviation for the ITU E1 and ANSI T1 interfaces. Thus the nomenclature defines the shelves where the card can be used and the physical interface that it provides.
E5-ENET	EPM-based Ethernet card A high capacity single-slot IP signaling card (EPM card plus Gig Ethernet PMC cards).
E5-MASP card	E5-based dual-slot card that consists of the E5-MCAP module (occupies slot 1113 and slot 1115) and the E5-TDM module (occupies slot 1114 and slot 1116) in an EAGLE 5 ISS control shelf. Used when the E5-MDAL card is used.
E5-MCAP card	The module contains the Communications Processor and Applications Processor and provides connections to the IMT bus. Controls the maintenance and database administration activity and performs both application and communication processing. Runs the OAM application and OAMHC GPL. Occupies slot 1113 and slot 1115 in an EAGLE 5 ISS control shelf. Used when the E5-MDAL card is used. Contains two USB ports.

E

E5-MDAL card	The E5 MDAL card processes alarm requests, provides general purpose relays, and provides fan control. Occupies slots 1117 and 1118 in an EAGLE 5 ISS Control Shelf. Used with E5-MASP cards. Does NOT contain a drive for removable cartridges.
E5-TDM card	The E5-TDM card provides the EAGLE 5 ISS with 16 ports for user terminals, contains fixed disk storage and distributes Composite Clocks and High Speed Master clocks throughout the EAGLE 5 ISS. Occupies slot 1114 and slot 1116 in an EAGLE 5 ISS Control Shelf. Used when the E5-MDAL card is used.
ECM	Emergency Changeover Message Error Correction Method External condition message Message that is passed on the external condition interface.
EDCM	Enhanced DCM Enhanced Database Communication Module
EGTT	Enhanced Global Title Translation A feature that is designed for the signaling connection control part (SCCP) of the SS7 protocol. The EAGLE 5 ISS uses this feature to determine to which service database to send the query message when a Message Signaling Unit (MSU) enters the system.

E

EIR	Equipment Identity Register A network entity used in GSM networks, as defined in the 3GPP Specifications for mobile networks. The entity stores lists of International Mobile Equipment Identity (IMEI) numbers, which correspond to physical handsets (not subscribers). Use of the EIR can prevent the use of stolen handsets because the network operator can enter the IMEI of these handsets into a 'blacklist' and prevent them from being registered on the network, thus making them useless.
Enhanced Global Title Translation	See EGTT.

F

flush-mounted USB port	USB port on the E5-MCAP card; used with credit card flash memory drives for upgrades and could be used for disaster recovery.

G

GLS	Generic Loading Services An application that is used by the TSM cards for downloading gateway screening to LIM cards.
GPL	Generic Program Load Software that allows the various features in the system to work. GPLs and applications are not the same software.
GSM	Global System for Mobile Communications

G

	A second generation digital PCS mobile phone standard used in many parts of the world.
GT	Global Title Routing Indicator
GTT	Global Title Translation A feature of the signaling connection control part (SCCP) of the SS7 protocol that the EAGLE 5 ISS uses to determine which service database to send the query message when an MSU enters the EAGLE 5 ISS and more information is needed to route the MSU. These service databases also verify calling card numbers and credit card numbers. The service databases are identified in the SS7 network by a point code and a subsystem number.
GWS	Gateway Screening Used at gateway STPs to limit access into the network to authorized users. A gateway STP performs inter-network routing and gateway screening functions. GWS controls access to nonhome SS7 networks. Only an MSU that matches predefined criteria in the EAGLE 5's database is allowed to enter the EAGLE 5.
GWSA	Gateway Screening Action Gateway Screening Application
GWSD	Gateway Screening Message Discard
GWSM	Gateway Screening Messages

G

Gateway Screening Mode

I

IDNS	Input Data Not Supported
INP	INAP-based Number Portability Tekelec's INP can be deployed as a stand-alone or an integrated signal transfer point/number portability solution. With Tekelec's stand-alone NP server, no network reconfiguration is required to implement number portability. The NP server delivers a much greater signaling capability than the conventional SCP-based approach. Intelligent Network (IN) Portability
IP	Intelligent Peripheral Internet Protocol IP specifies the format of packets, also called datagrams, and the addressing scheme. The network layer for the TCP/IP protocol suite widely used on Ethernet networks, defined in STD 5, RFC 791. IP is a connectionless, best-effort packet switching protocol. It provides packet routing, fragmentation and re-assembly through the data link layer.
IPGWx	Point-to-multipoint MTP-User signaling (e.g. ISUP, TCAP) over IP capability. Typically used for A link connectivity which require routing keys. Far End not required to support MTP3. The IPGWx GPLs (IPGWI, SS7IPGW) run on the SSEDCM/E5-ENET cards.

I

IPLIM	The application used by the SSEDCM/E5-ENET card for IP point-to-point connectivity for ANSI point codes.
IPLIMx	Point-to-point MTP3 and MTP3-User signaling over IP capability. Typically used for B-C-D links but can be used for A links but does not have routing key functionality. Far End required to support MTP3. The IPLIMx GPLs (IPLIMI, IPLIM) run on the SSEDCM/E5-ENET cards.
ISNI	Intermediate Signaling Network Identification
ISS	Integrated Signaling System
ISUP	ISDN User Part The ISDN-specific part of the transmission with additional information via a signaling channel between exchanges.
ITU	International Telecommunications Union An organization that operates worldwide to allow governments and the private telecommunications sector to coordinate the deployment and operating of telecommunications networks and services. The ITU is responsible for regulating, coordinating and developing international telecommunications, and for harmonizing national political interests.

L

L

latched USB port	On the E5-MCAP card, a USB port with a lockable latch. Used with removable media (flash memory ”thumb” drives) to install and back up customer data.
Level 2 Timers	The MTP level 2 timers that control the operation of signaling links.
Level 3 Timers	The MTP level 3 timers that control the operation of link sets.
LIM	Link Interface Module Provides access to remote SS7, IP and other network elements, such as a Signaling Control Point (SCP) through a variety of signaling interfaces (DS0, MPL, E1/T1 MIM, LIM-ATM, E1-ATM, IPLIMx, IPGWx). The LIMs consist of a main assembly and possibly, an interface appliqué board. These appliqués provide level one and some level two functionality on SS7 signaling links.
LIM-T1	A link interface module (LIM) with the T1 Appliqué.
Link	Signaling Link Signaling Link Carries signaling within a Link Set using a specific Association. A Link can belong to only one Link Set and one Association. There is generally one Link per Association in a Link Set.
LNP	Local Number Portability

L

	The ability of subscribers to switch local or wireless carriers and still retain the same phone number.
Load Sharing	A type of routing used by global title translation to route MSUs This type of routing is used when a second point code and subsystem is defined for the primary point code and subsystem. Traffic is shared equally between the replicated point codes and subsystems.

M

M2PA	SS7 MTP2-User Peer-to-Peer Adaptation Layer
M3UA	SS7 MTP3-User Adaptation Layer M3UA enables an MTP3 User Part to be connected to a remote MTP3 via a reliable IP transport.
MAP	Mated Application Part Mobile Application Part An application part in SS7 signaling for mobile communications systems.
MAS	Maintenance and Administration Subsystem A set of cards located in the Control Shelf, used to provide a central management point for the EAGLE 5 ISS. The MAS provides user interface, maintenance communication, peripheral services, alarm processing, system disk interface, and measurements using the following three

M

	subassemblies: GPSM-II, TDM, and MDAL.
MASP	Maintenance and Administration Subsystem Processor The Maintenance and Administration Subsystem Processor (MASP) function is a logical pairing of the GPSM-II card and the TDM card. The GPSM-II card is connected to the TDM card by means of an Extended Bus Interface (EBI) local bus. The MDAL card contains the removable cartridge drive and alarm logic. There is only one MDAL card in the Maintenance and Administration Subsystem (MAS) and it is shared between the two MASPs.
Mated Application	The point codes and subsystem numbers of the service databases that messages are routed to for global title translation.
MHz	Megahertz
MODE	A parameter of the `chg-slt` command and a field in the `rtrv-slt` command output showing the mode used when sending signaling link test messages, regular or special. special - All SLTMs generated by the links in the link set associated with this SLTM record are designated “special” maintenance messages. regular - All SLTMs generated by the links in the link set associated

M

	with this SLTM record are designated “regular” maintenance messages.
MPL	Multi-port LIM
MRN	Message Reference Number An unsolicited numbered message (alarm or information) that is displayed in response to an alarm condition detected by the system or in response to an event that has occurred in the system. Mated Relay Node A mated relay node (MRN) group is provisioned in the database to identify the nodes that the traffic is load shared with, and the type of routing, either dominant, load sharing, or combined dominant/load sharing.
MSU	Message Signal Unit The SS7 message that is sent between signaling points in the SS7 network with the necessary information to get the message to its destination and allow the signaling points in the network to set up either a voice or data connection between themselves. The message contains the following information: • The forward and backward sequence numbers assigned to the message which indicate the position of the message in the traffic stream in relation to the other messages.

M

- The length indicator which indicates the number of bytes the message contains.
- The type of message and the priority of the message in the signaling information octet of the message.
- The routing information for the message, shown in the routing label of the message, with the identification of the node that sent message (originating point code), the identification of the node receiving the message (destination point code), and the signaling link selector which the EAGLE 5 ISS uses to pick which link set and signaling link to use to route the message.

MTP
Message Transfer Part

The levels 1, 2, and 3 of the SS7 protocol that control all the functions necessary to route an SS7 MSU through the network

Module Test Plan

N

NC
Network Cluster
Network Code
Not Compliant
North Carolina

NCAI
Nested Cluster Allowed Indicator

NI
Network Indicator

NO
Network OAM&P

N

A server that manages a collection of SOs and their corresponding MPs. NO servers are deployed in active/standby pairs.

NSR

Next Screening Reference

O

OPC

Originating Point Code

Within an SS7 network, the point codes are numeric addresses which uniquely identify each signaling point. The OPC identifies the sending signaling point.

P

Pacing Rate

The rate that the EAGLE 5 ISS sends the TFR and TFA messages in an effort to prevent congestion due to controlled rerouting. Controlled rerouting is performed when the status of the route is changed to allowed (when the route was restricted) or restricted (when the route was prohibited). A burst of rerouted traffic can occur on that route, thus congesting the route. To help keep this from happening, the EAGLE 5 ISS can control the rate that it broadcasts TFR and TFA messages to adjacent signaling points. This can regulate the amount of traffic the adjacent signaling points can send to the EAGLE 5 ISS when the route becomes allowed or restricted.

PC

Point Code

The identifier of a signaling point or service control point in a network. The format of the point code can be one of the following types:

P

- ANSI point codes in the format network indicator-network cluster-network cluster member (**ni-nc-ncm**).
- Non-ANSI domestic point codes in the format network indicator-network cluster-network cluster member (**ni-nc-ncm**).
- Cluster point codes in the format network indicator-network cluster-* or network indicator-*-*.
- ITU international point codes in the format **zone-area-id**.
- ITU national point codes in the format of a 5-digit number (**nnnnn**), or 2, 3, or 4 numbers (members) separated by dashes (**m1-m2-m3-m4**) as defined by the Flexible Point Code system option. A group code is required (**m1-m2-m3-m4-gc**) when the ITUDUPPC feature is turned on.
- 24-bit ITU national point codes in the format main signaling area-subsignaling area-service point (**msa-ssa-sp**).

PCA

Point Code ANSI

PCR

Preventive Cyclic Retransmission

A method of error correction used for the SS7 protocol. PCR is an error correction method that keeps a copy of each message signal unit transmitted on a signaling link in a retransmission buffer. If thereceiving end of the signaling link receives the MSU with no errors, positive acknowledgment

P

	message is sent to the transmitting end of the signaling link. The MSU is then discarded from the retransmission buffer. If the transmitting end of the signaling link does not receive positive acknowledgment from the receiving end of the signaling link, the MSU is retransmitted until positive acknowledgment is received. The PCR error correction method is assigned to SS7 signaling links using the `ent-slk` command.
PCS	Personal Communications Service (North American GSM)

R

removable media	Flash memory or “thumb” drives used in the latched USB port on an E5-MCAP card for installation and backup of customer data.
Restricted	The network management state of a route, link set, or signaling link that is not operating properly and cannot carry all of its traffic. This condition only allows the highest priority messages to sent to the database entity first, and if space allows, followed by the other traffic. Traffic that cannot be sent on the restricted database entity must be rerouted or the traffic is discarded.
RI	Routing Indicator
Route	A signaling path from an LSP to an RSP using a specified Link Set

R

RST	Route Set Test Routeset Prohibited Test (Msg)

S

SAPC	Secondary Adjacent Point Code
SCCP	Signaling Connection Control Part The signaling connection control part with additional functions for the Message Transfer Part (MTP) in SS7 signaling. Messages can be transmitted between arbitrary nodes in the signaling network using a connection-oriented or connectionless approach.
SCMG	SCCP Management SCMG manages the status of subsystems and SCCP-capable signaling points (SPs). It maintains the status of remote SCCP SPs and that of local subsystems.
Screen Set	A gateway screening table containing a list of rules, or screening references. The screening references indicate the screening action that is to be performed on a message in a specific linkset.
SCRN	Screen Set Name
SEAC	Signaling Engineering and Administration Center
SEAS	Signaling Engineering and Administration System

S

	An interface defined by Bellcore and used by the Regional Bell Operating Companies (RBOCs), as well as other Bellcore Client Companies (BCCs), to remotely administer and monitor the signaling points in their network from a central location.
Signaling Link	The transmission path connecting the EAGLE 5 ISS to other signaling points in the network and providing access to ANSI SS7 and ITU SS7 network elements. The signaling link is connected to the EAGLE 5 ISS at the link interface module (LIM).
SIO	Service Information Octet. The network indicator code (NIC), priority (PRI), and service indicator (SI) in the SIO field in the message signaling unit (MSU). This information identifies the type of MSU (ISUP, TCAP, and so forth) that is allowed in the network where the EAGLE 5 ISS is located.
SLS	Signaling Link Selector
SLSCI	SLS Conversion Indicator
Spare Point Code	The EAGLE ITU International/National Spare Point Code feature allows a network operator to use the same Point Codes across two networks (either ITU-I or ITU-N). The feature also enables National and National Spare traffic to be routed over the same linkset. The EAGLE uses the

S

MSU Network Indicator (NI) to differentiate the same point code of one network from the other. In accordance with the SS7 standard, unique Network Indicator values are defined for Point Code types ITU-I, ITU-N, ITU-I Spare, and ITU-N Spare.

SS7

Signaling System #7

A communications protocol that allows signaling points in a network to send messages to each other so that voice and data connections can be set up between these signaling points. These messages are sent over its own network and not over the revenue producing voice and data paths. The EAGLE 5 ISS is an STP, which is a device that routes these messages through the network.

SS7ANSI

SS7 ANSI

An application used by the LIM cards and the E1/T1 MIM card for the MTP functionality.

SSN

SS7 Subsystem Number

The subsystem number of a given point code. The subsystem number identifies the SCP application that should receive the message, or the subsystem number of the destination point code to be assigned to the LNP subsystem of the EAGLE 5 ISS.

Subsystem Number

A value of the routing indicator portion of the global title translation data commands indicating that no further global

S

	title translation is required for the specified entry. Subsystem Number Used to update the CdPA.
STP	Signal Transfer Point The STP is a special high-speed switch for signaling messages in SS7 networks. The STP routes core INAP communication between the Service Switching Point (SSP) and the Service Control Point (SCP) over the network. Spanning Tree Protocol

T

T1	Transmission Level 1 A T1 interface terminates or distributes T1 facility signals for the purpose of processing the SS7 signaling links carried by the E1 carrier. A leased-line connection capable of carrying data at 1,544,000 bits-per-second.
TCA	Transfer Cluster Allowed
TCP/IP	Transmission Control Protocol/Internet Protocol
TDM	Terminal Disk Module Time Division Multiplexing Data transmissions within individual connections follow a pre-defined multiplex scheme where a fixed time slot is available for each channel.

T

TFA	TransFer Allowed (Msg)
TFR	Transfer Restricted
Translation Type	See TT.
TS	Test Strategy Traffic Server Technical Specification Teleservices Target Set
TT	Translation Type Resides in the Called Party Address (CdPA) field of the MSU and determines which service database is to receive query messages. The translation type indicates which Global Title Translation table determines the routing to a particular service database.
TUP	Telephone User Part

U

UAL	User Application Layer
ULP	Upper Layer Protocol
USB port	Receptacle for flash memory drives on personal computers. On the E5-MDAL card, a flush-mounted USB port used with credit card flash memory drives for upgrade. On the E5-MCAP card, a latched USB port for use with flash memory ”thumb” drives for

U

installation and backup of customer data.

V

VCI — Virtual Channel Identifier

VPI — Virtual Path Identifier

X

XLAT — Translate Indicator

XUDT — Extended Unit Data

Extended User Data