

# *Tekelec EAGLE<sup>®</sup> 5 Integrated Signaling System*

**Release 40.0**

## **Database Administration Manual - SEAS**

910-5384-001 Revision A

December 2008



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

### U.S. Patent Numbers:

5,732,213; 5,953,404; 6,115,746; 6,167,129; 6,324,183; 6,327,350; 6,456,845; 6,606,379; 6,639,981; 6,647,113; 6,662,017; 6,735,441; 6,745,041; 6,765,990; 6,795,546; 6,819,932; 6,836,477; 6,839,423; 6,885,872; 6,901,262; 6,914,973; 6,940,866; 6,944,184; 6,954,526; 6,954,794; 6,959,076; 6,965,592; 6,967,956; 6,968,048; 6,970,542; 6,987,781; 6,987,849; 6,990,089; 6,990,347; 6,993,038; 7,002,988; 7,020,707; 7,031,340; 7,035,239; 7,035,387; 7,043,000; 7,043,001; 7,043,002; 7,046,667; 7,050,456; 7,050,562; 7,054,422; 7,068,773; 7,072,678; 7,075,331; 7,079,524; 7,088,728; 7,092,505; 7,108,468; 7,110,780; 7,113,581; 7,113,781; 7,117,411; 7,123,710; 7,127,057; 7,133,420; 7,136,477; 7,139,388; 7,145,875; 7,146,181; 7,155,206; 7,155,243; 7,155,505; 7,155,512; 7,181,194; 7,190,702; 7,190,772; 7,190,959; 7,197,036; 7,206,394; 7,215,748; 7,219,264; 7,222,192; 7,227,927; 7,231,024; 7,242,695; 7,254,391; 7,260,086; 7,260,207; 7,283,969; 7,286,516; 7,286,647; 7,286,839; 7,295,579; 7,299,050; 7,301,910; 7,304,957; 7,318,091; 7,319,857; 7,327,670

### Foreign Patent Numbers:

EP1062792; EP1308054; EP1247378; EP1303994; EP1252788; EP1161819; EP1177660; EP1169829; EP1135905; EP1364520; EP1192758; EP1240772; EP1173969; CA2352246

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# Chapter 1

## Introduction

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### Topics:

- *Overview Page 2*
- *Scope and Audience Page 5*
- *Manual Organization Page 5*
- *Documentation Admonishments Page 6*
- *Customer Care Center Page 6*
- *Emergency Response Page 8*
- *Related Publications Page 9*
- *Documentation Availability, Packaging, and Updates Page 9*
- *Maintenance and Administration Subsystem Page 10*
- *EAGLE 5 ISS Database Partitions Page 10*
- *Locate Product Documentation on the Customer Support Site Page 12*

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

## Overview

The *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 the *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 cannot be performed from the SEAC or SNCC because the removable cartridge 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 OAP or 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 the *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 the *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
- All the procedures in Appendix A, “E1 Interface.”
- All the procedures in Appendix B, “T1 Interface,” except the “Adding a T1 Signaling Link,” procedure. The procedure for configuring T1 signaling links is included in the [Adding an SS7 Signaling Link](#) on page 61 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 ANSI ATM 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](#) on page 61 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.

#### **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
- 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
  - 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
  - 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
- 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
- All the procedures in Appendix A, “Controlled Feature Activation Procedures”

## 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* on page 1 contains general information about the database and the organization of this manual.

*Configuring Destination Tables* on page 15 describes the methods for configuring destination point codes (DPCs) in the database of the EAGLE 5 ISS.

*SS7 Configuration* on page 37 describes the procedures necessary to configure the EAGLE 5 ISS to support the SS7 network.

*Global Title Translation (GTT) Configuration* on page 81 describes the procedures used to administer global title translation data.

*Gateway Screening (GWS) Configuration* on page 111 describes the procedures used to administer gateway screening data.

*Enhanced Global Title Translation (EGTT) Configuration* on page 245 describes the procedures used to administer the data required for the enhanced global title translation feature.

*EAGLE 5 ISS/SEAS Compliance Matrix* on page 271 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**

	<p><b>DANGER:</b> (This icon and text indicate the possibility of <i>personal injury</i>.)</p>
	<p><b>WARNING:</b> (This icon and text indicate the possibility of <i>equipment damage</i>.)</p>
	<p><b>CAUTION:</b> (This icon and text indicate the possibility of <i>service interruption</i>.)</p>

## Customer Care Center

The Tekelec Customer Care Center offers a point of contact for product and service support through highly trained engineers or service personnel. When a call is received, a Customer Service Report (CSR) is issued to record the request for service. Each CSR includes an individual tracking number.

After a CSR is issued, the Customer Care Center determines the classification of the trouble. If a critical problem exists, emergency procedures are initiated. If the problem is not critical, information regarding the serial number of the system, Common Language Location Identifier (CLLI), initial problem symptoms (includes outputs and messages) is recorded. A primary Customer Care Center engineer is also assigned to work on the CSR and provide a solution to the problem. The CSR is closed when the problem is resolved.

The Tekelec Customer Care Center is available 24 hours a day, 7 days a week at the following locations:

### Tekelec - Global

Email (All Regions): [support.tekelec.com](mailto:support.tekelec.com)

- **USA and Canada**

Phone:

1-888-FOR-TKLC or 1-888-367-8552 (toll-free, within continental USA and Canada)

1-919-460-2150 (outside continental USA and Canada)

TAC Regional Support Office Hours:

8:00 a.m. through 5:00 p.m. (GMT minus 5 hours), Monday through Friday, excluding holidays

- **Central and Latin America (CALA)**

Phone:

USA access code +1-800-658-5454, then 1-888-FOR-TKLC or 1-888-367-8552 (toll-free)

TAC Regional Support Office Hours (except Brazil):

10:00 a.m. through 7:00 p.m. (GMT minus 6 hours), Monday through Friday, excluding holidays

- **Argentina**

Phone:

0-800-555-5246 (toll-free)

- **Brazil**

Phone:

0-800-891-4341 (toll-free)

TAC Regional Support Office Hours:

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- **Puerto Rico**

Phone:

1-888-367-8552 (1-888-FOR-TKLC)

- **Venezuela**

Phone:

0800-176-6497

- **Europe, Middle East, and Africa**

- **Signaling**

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+44 1784 467 804 (within UK)

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TAC Regional Support Office Hours:

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## Emergency Response

In the event of a critical service situation, emergency response is offered by the Tekelec Customer Care Center 24 hours a day, 7 days a week. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

A critical situation is defined as a problem with an EAGLE 5 ISS that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical problems affect service and/or system operation resulting in:

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

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

## Related Publications

For information about additional publications that are related to this document, refer to the *Related Publications* document. The *Related Publications* document is published as a part of the *Release Documentation* and is also published as a separate document on the Tekelec Customer Support Site.

## 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.

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 as a set or individually. Exceptions to printed documentation are:

- Hardware or Installation manuals are printed only 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 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.

## Maintenance and Administration Subsystem

The maintenance and administration subsystem consists of two processors, MASP (maintenance and administration subsystem processor) A and MASP B.

Each MASP is made up of two cards, the GPSM-II card (general purpose service module) and the TDM (terminal disk module).

The GPSM-II card contains the communications processor and applications processor and provides connections to the IMT bus. The GPSM-II controls the maintenance and database administration activity.

The TDM contains the fixed disk drive, the terminal processor for the 16 serial I/O ports and interfaces to the MDAL (maintenance disk and alarm) card which contains the removable cartridge drive and alarm logic. There is only one MDAL card in the maintenance and administration subsystem and it is shared between the two MASPs.

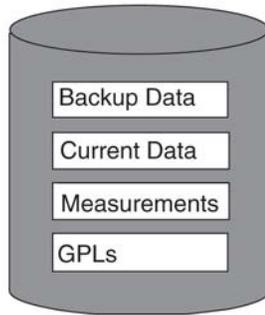
For more information on these cards, go to the *Hardware Manual - EAGLE 5 ISS* .

## EAGLE 5 ISS Database Partitions

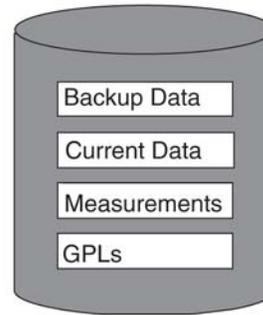
The data that the EAGLE 5 ISS uses to perform its functions are stored in two separate areas: the fixed disk drives, and the removable cartridge. The following sections describe these areas and data that is stored on them. These areas and their partitions are shown in [Figure 1: EAGLE 5 ISS Database Partitions](#) on page 10.

**Figure 1: EAGLE 5 ISS Database Partitions**

## ACTIVE FIXED DISK



## STANDBY FIXED DISK

System Data  
Removable  
CartridgeMeasurements  
Removable  
Cartridge**Fixed Disk Drive**

There are two fixed disk drives on the EAGLE 5 ISS. The fixed disk drives contain the “master” set of data and programs for the EAGLE 5 ISS. The two fixed disk drives are located on the terminal disk modules (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 ISS. 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 effect 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 ISS 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 Cartridge

A removable cartridge 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 TDMs, a single removable cartridge cannot store all of the data in the database, GPL and measurements partitions.

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

The removable cartridge drive is located on the MDAL card in card location 1117.

Additional and preformatted removable cartridges are available from the [Customer Care Center](#) on page 6.

## 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 Tekelec's Customer Support site and locate a document. Viewing the document requires Adobe Acrobat Reader, which can be downloaded at [www.adobe.com](http://www.adobe.com).

1. Log into Tekelec's **new** Customer Support site at [support.tekelec.com](http://support.tekelec.com).

**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**.



## Configuring Destination Tables

---

### Topics:

- [Adding a Cluster Point Code Page 16](#)
- [Changing the Attributes of a Cluster Point Code Page 20](#)
- [Adding a Network Routing Point Code Page 25](#)
- [Changing the Self Identification of the EAGLE 5 ISS Page 29](#)
- [Adding a Destination Point Code Page 31](#)
- [Removing a Destination Point Code Page 34](#)
- [Changing a Destination Point Code Page 35](#)

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.

The EAGLE 5 ISS accepts the values for the `ncai` parameter as a supplier specific parameters. [Table 2: NCAI Supplier Specific Parameter Values](#) on page 16 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	1	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.
	NO	0	

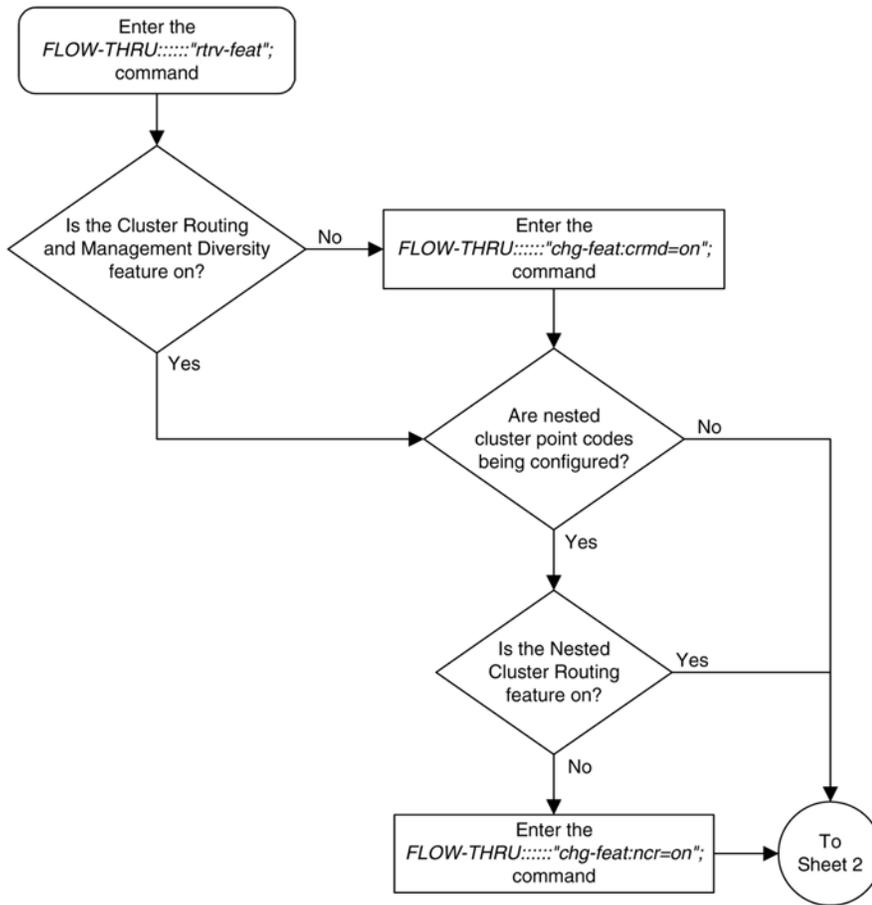
The supplier specific parameter is optional. The default value for the supplier specific parameter will be entered if that parameter is not specified when adding a cluster point code. The default value for the NCAI parameter is NO.

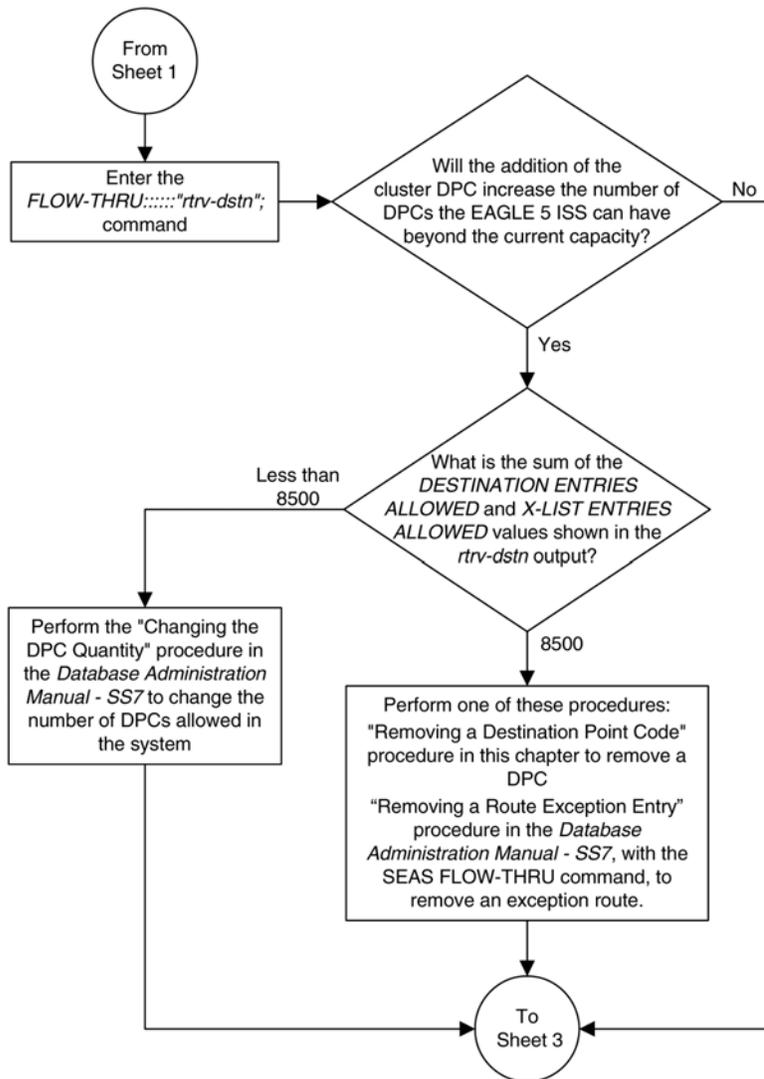
To change the attributes of an existing cluster point code, perform the [Changing the Attributes of a Cluster Point Code](#) on page 20 procedure.

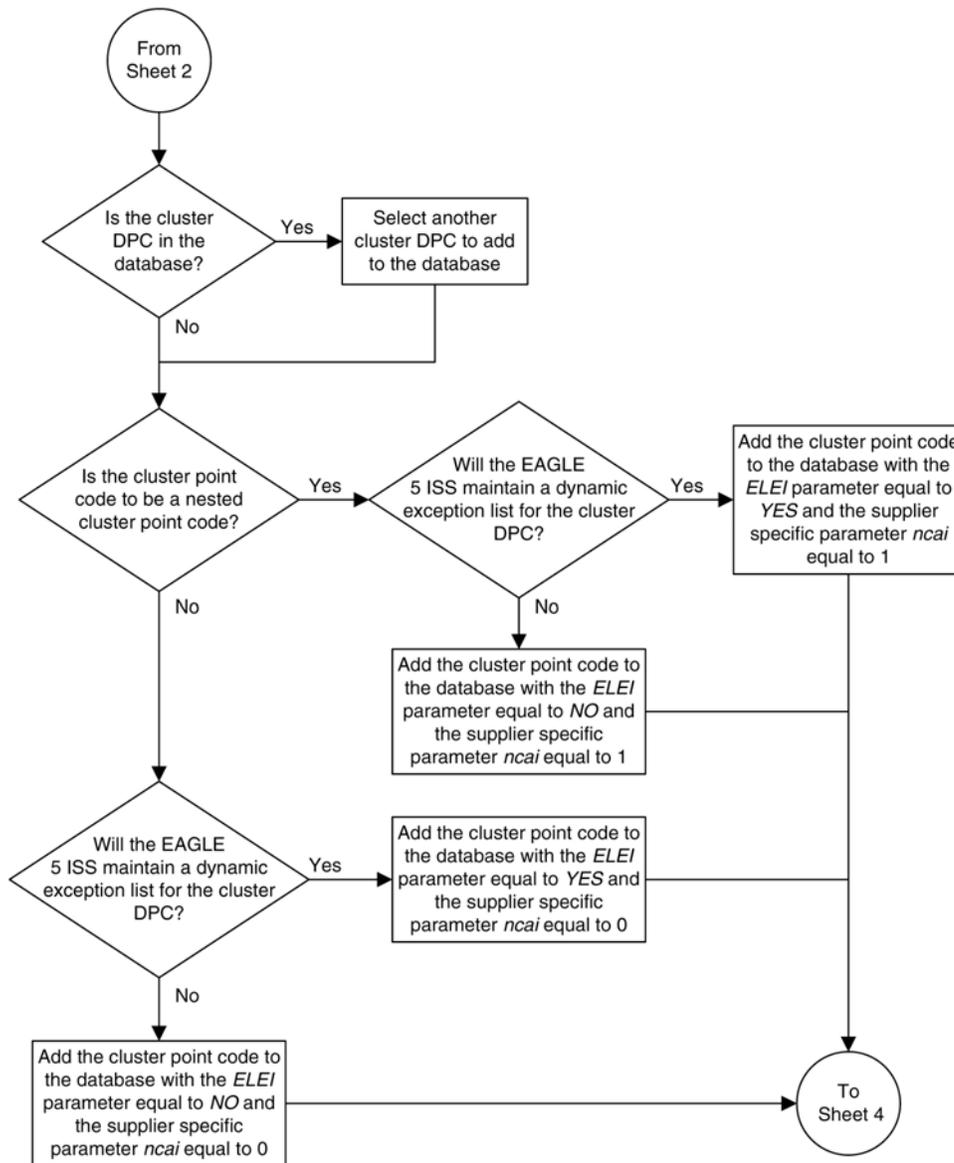
To remove a cluster point code from the database, perform the [Removing a Destination Point Code](#) on page 34 procedure.

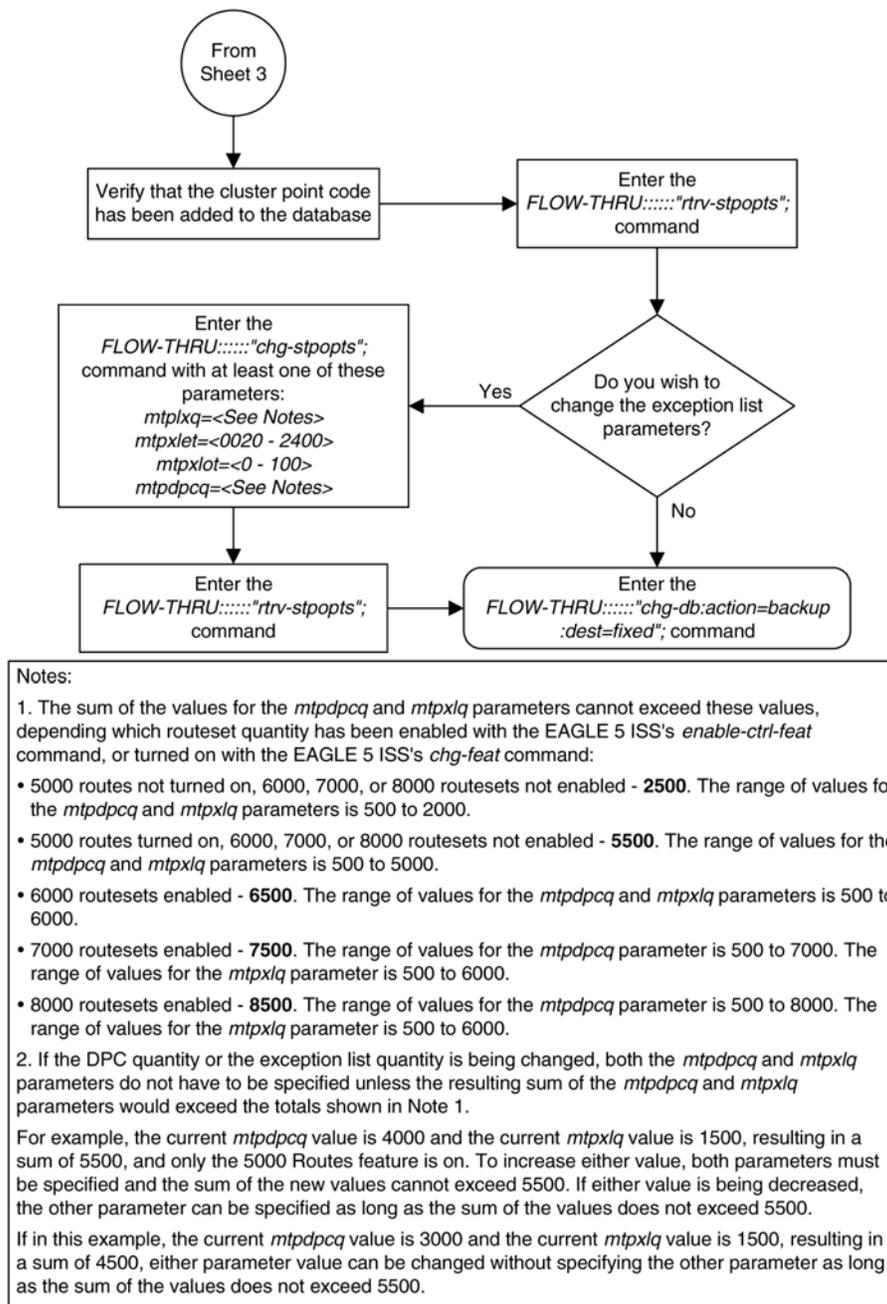
### Figure 2: Adding a Cluster Point Code from the SEAS Terminal

**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.









## 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.

The EAGLE 5 ISS accepts the values for the `ncai` parameter as a supplier specific parameters. [Table 3: NCAI Supplier Specific Parameter Values](#) on page 21 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**

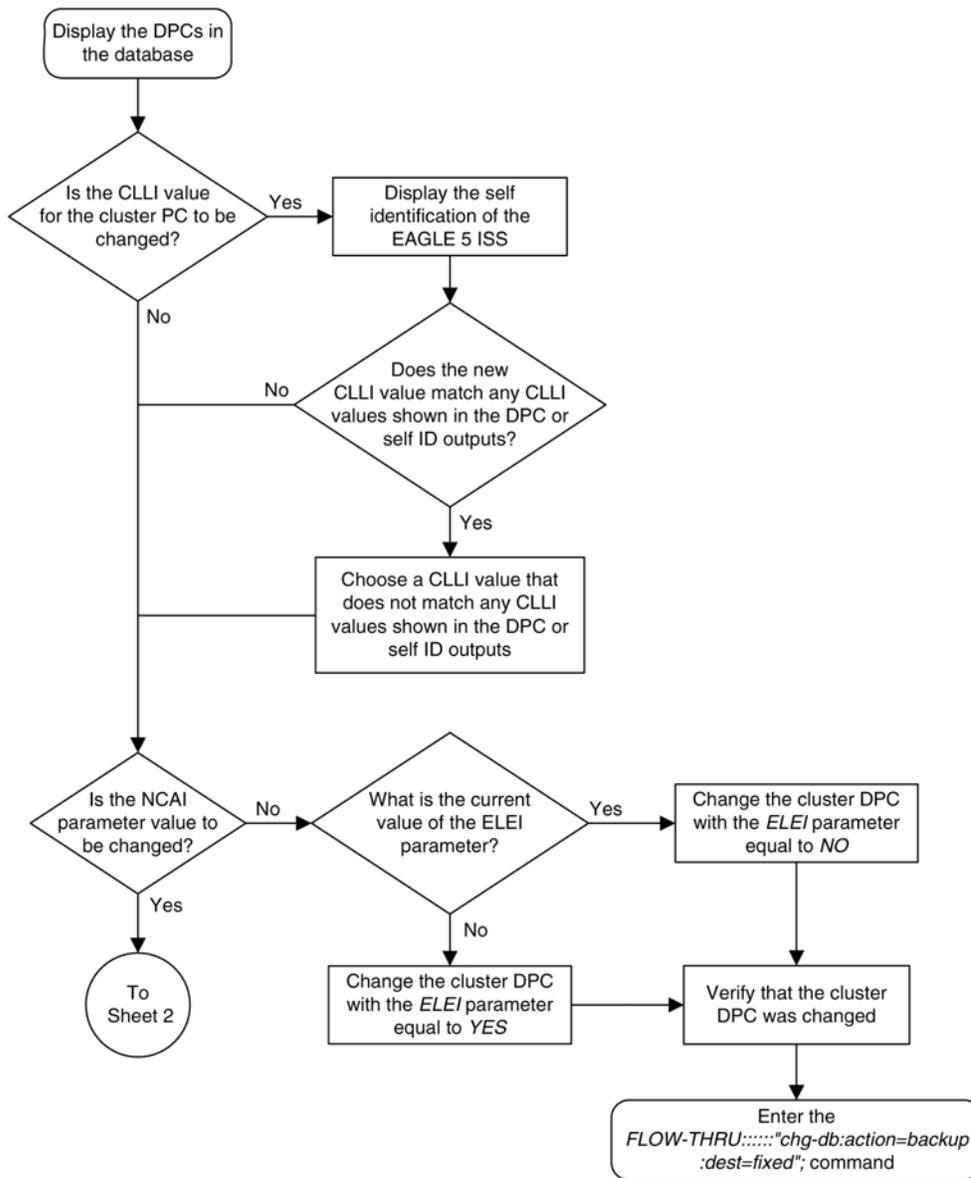
Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
NCAI	YES NO	1 0	The nested cluster allowed indicator. This parameter specifies whether or not the route to the cluster point code can be different from the route to a point code that is a member of the cluster point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

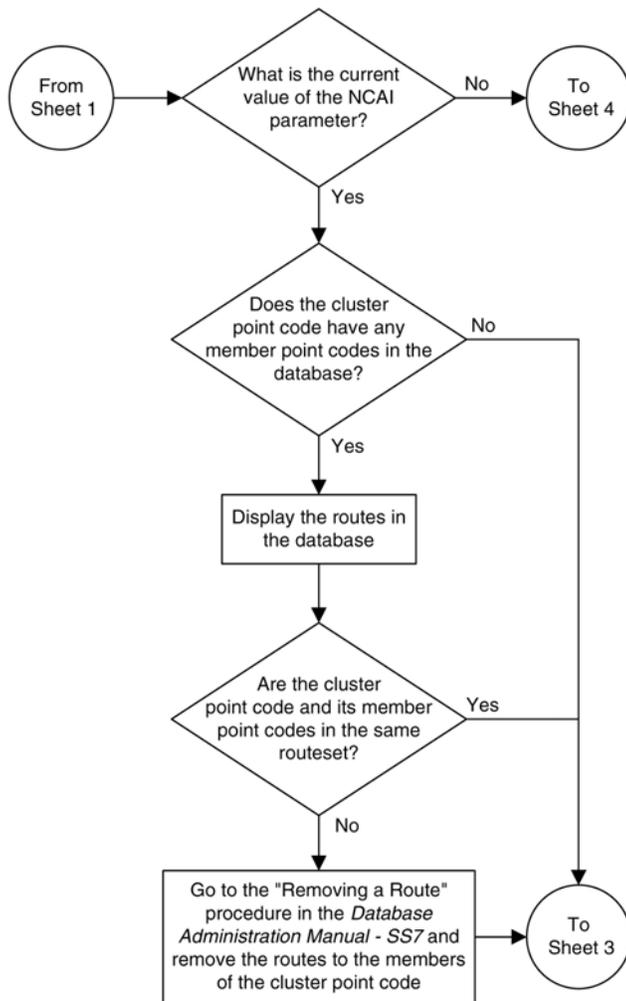
The supplier specific parameter is optional. The current value of any supplier specific parameter is not changed if the supplier specific parameter is not specified.

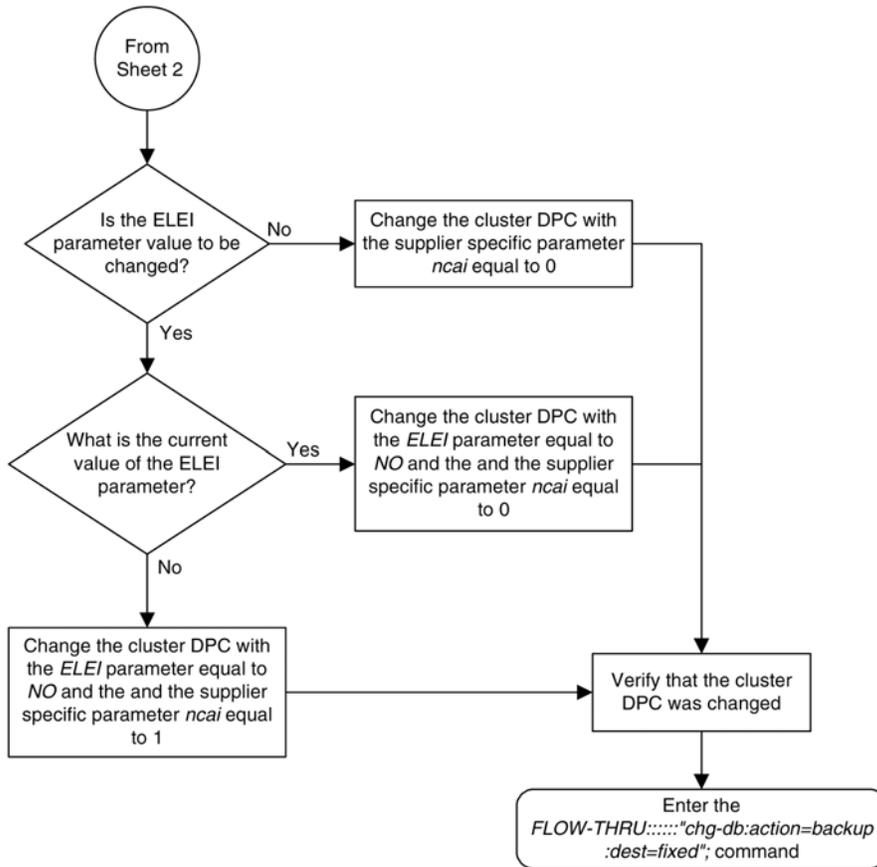
To remove a cluster point code from the database, perform the [Removing a Destination Point Code](#) on page 34 procedure.

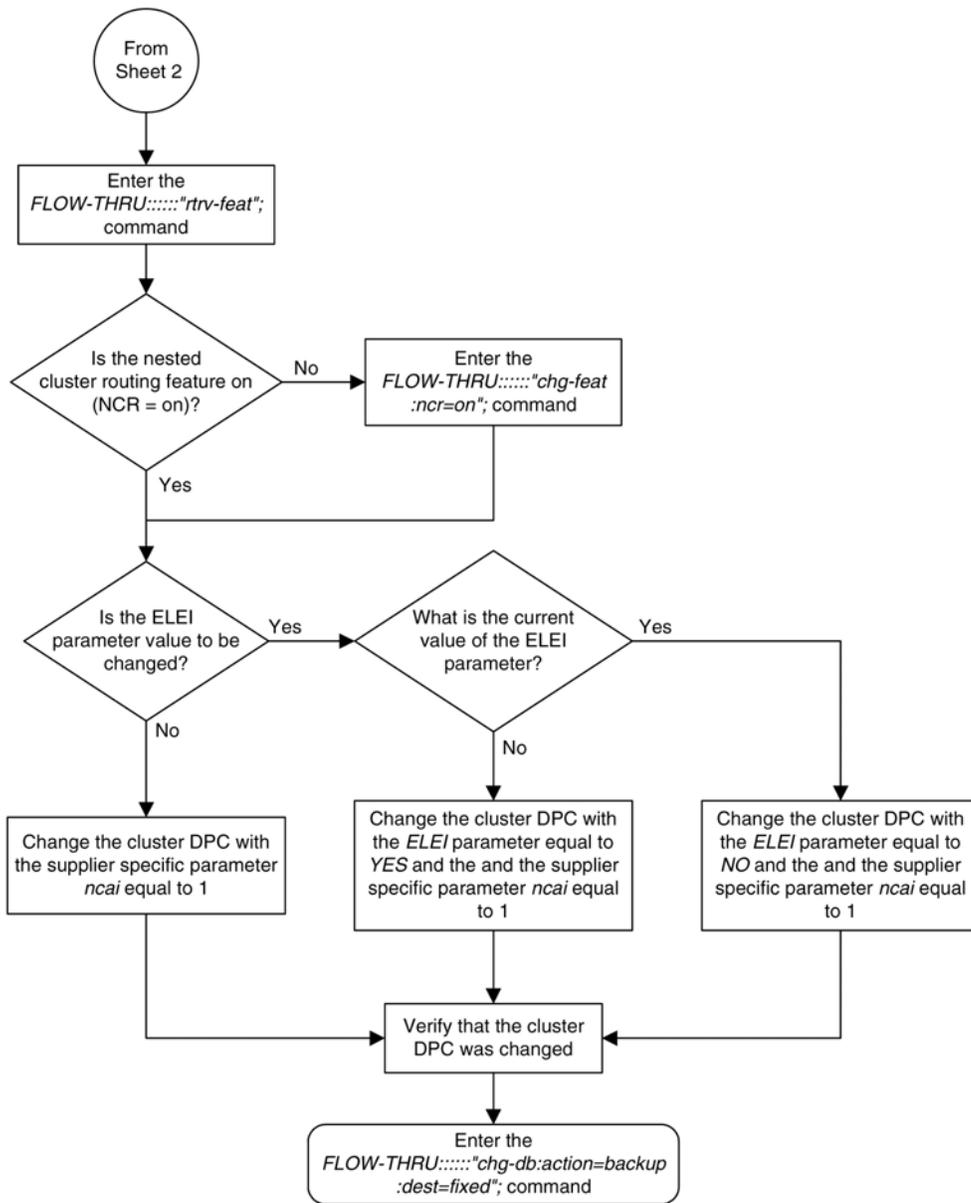
### Figure 3: Changing the Attributes of a Cluster Point Code from the SEAS Terminal

**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.









## 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.

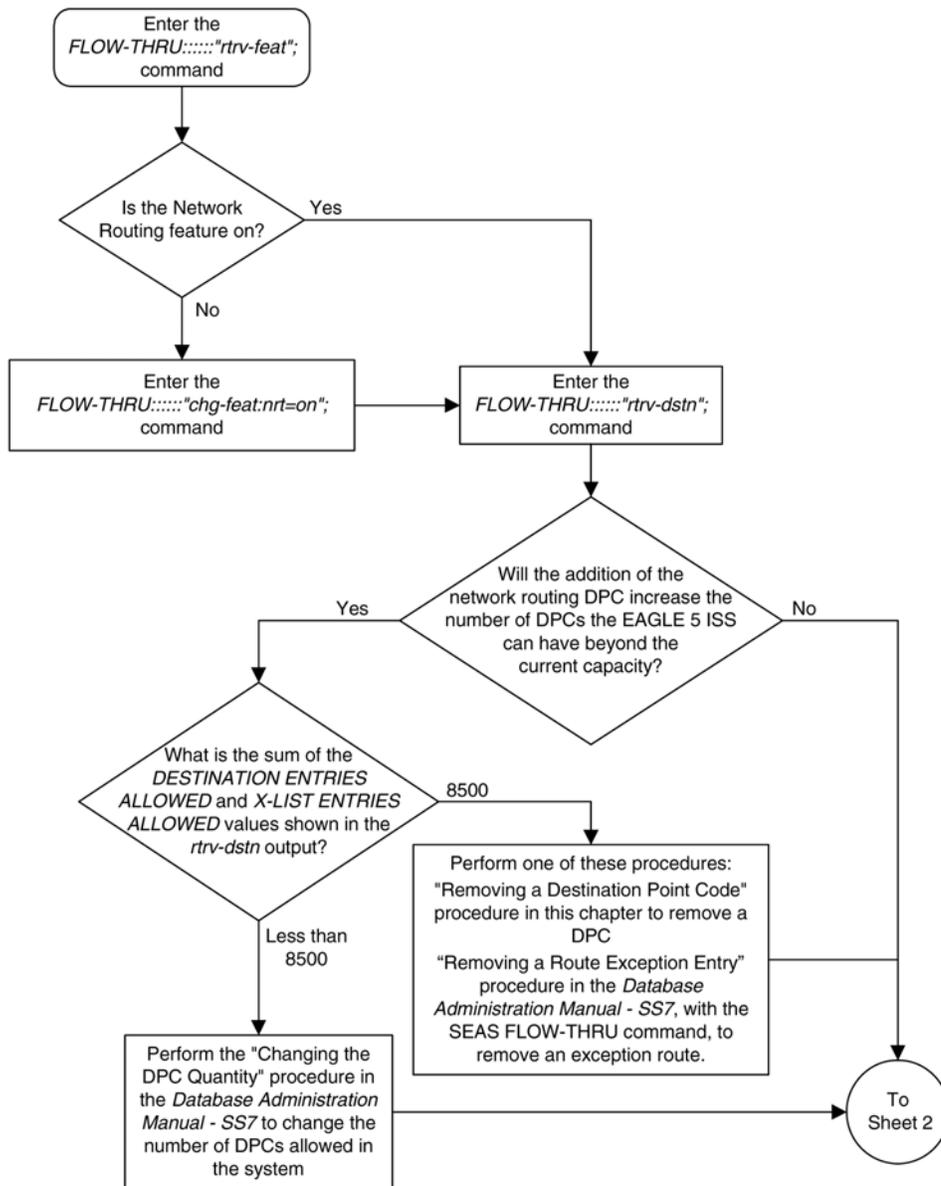
2. A network routing point code cannot be a proxy point code.

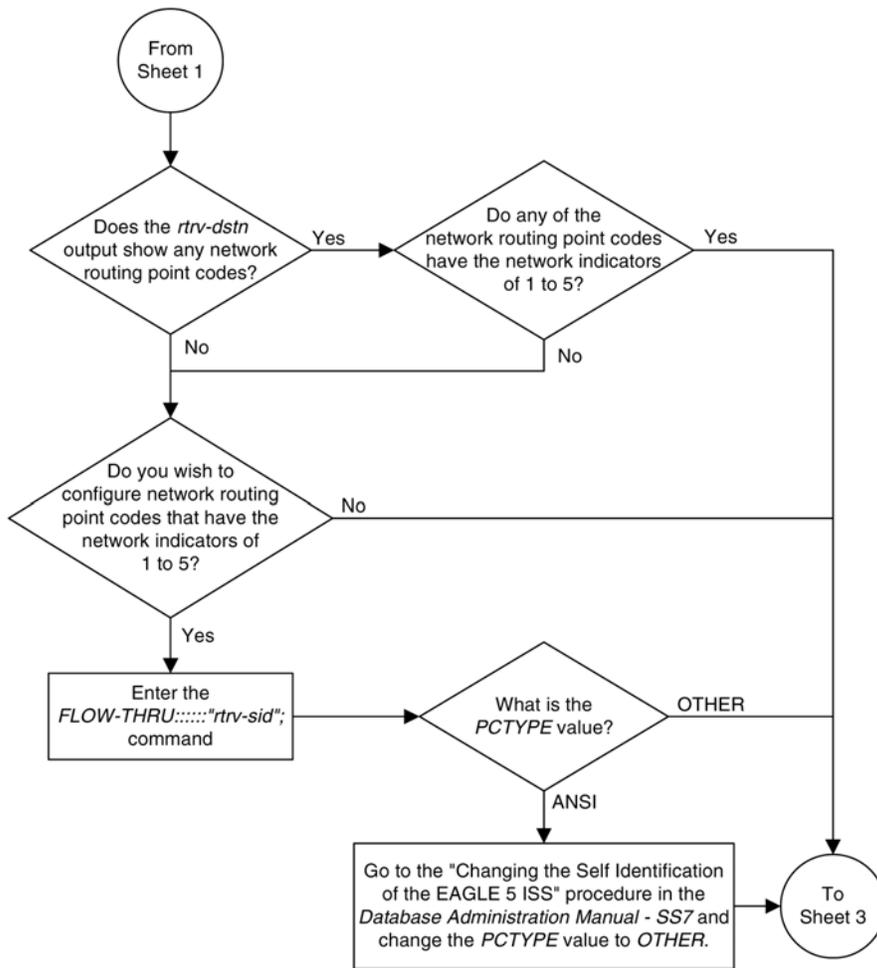
To change the attributes of an existing network routing point code, perform the [Changing a Destination Point Code](#) on page 35 procedure.

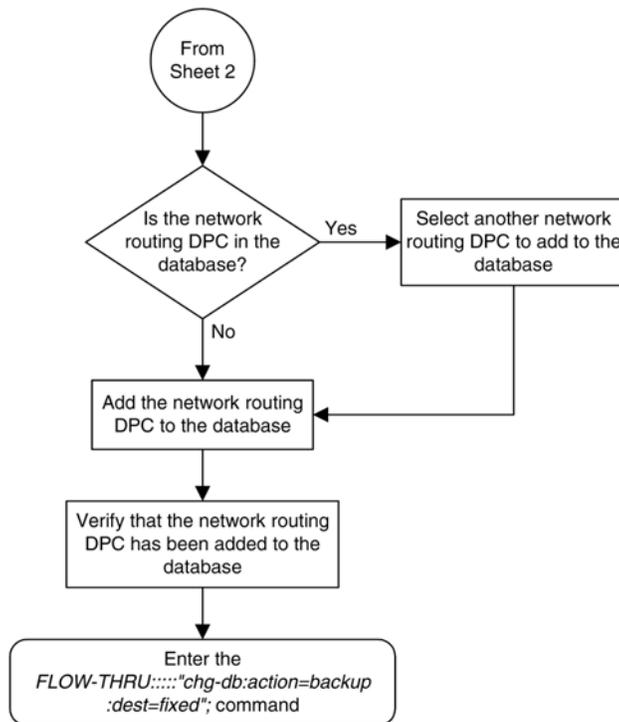
To remove a network routing point code from the database, perform the [Removing a Destination Point Code](#) on page 34 procedure.

**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.

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







## Changing the Self Identification of the EAGLE 5 ISS

This procedure is used to change the self identification of the EAGLE 5 ISS. This procedure uses the EAGLE 5 ISS commands `init-sys`, `rtrv-sid`, and `chg-db`. For more information on this procedure, see “Changing the Self Identification of the EAGLE 5 ISS” in the *Database Administration Manual – SS7*.

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**

**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**

**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.

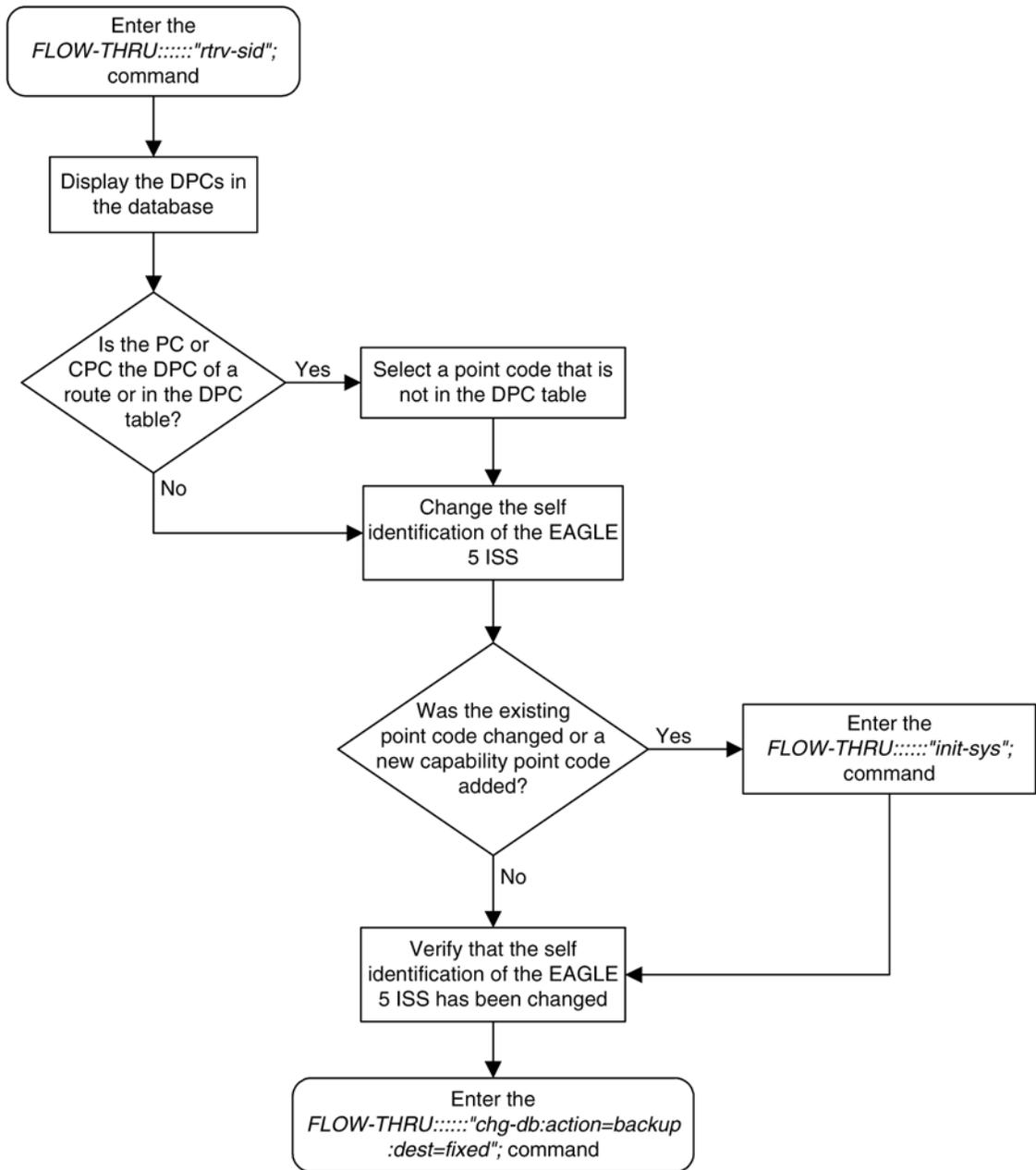
If the value of the restore device state option is off, the EAGLE 5 ISS does not retain the manually initiated state (for example, OOS-MT-DSBLD) for the signaling links, TCP/IP data links, cards, or the terminals. After the command executes, the EAGLE

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, go to the "Changing the Restore Device State Option" procedure in the *Database Administration Manual - System Management*.

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



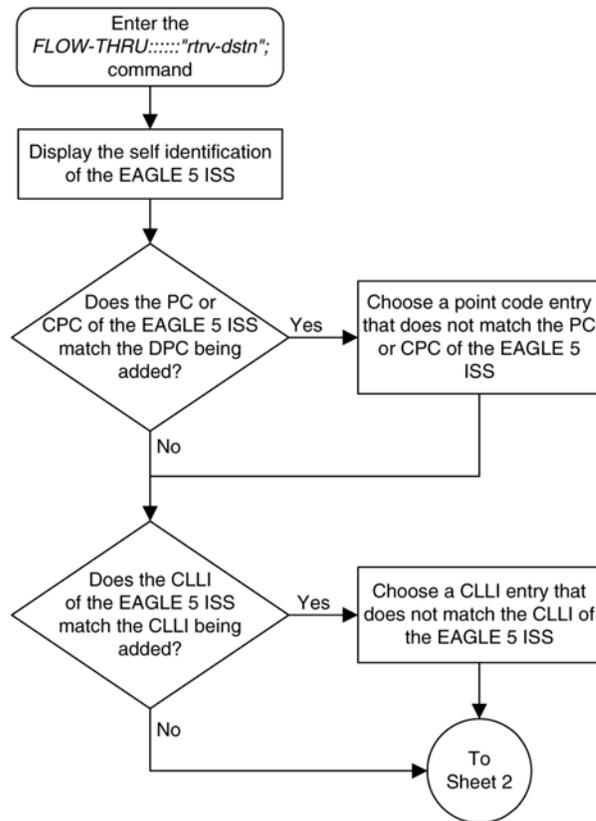
## Adding a Destination Point Code

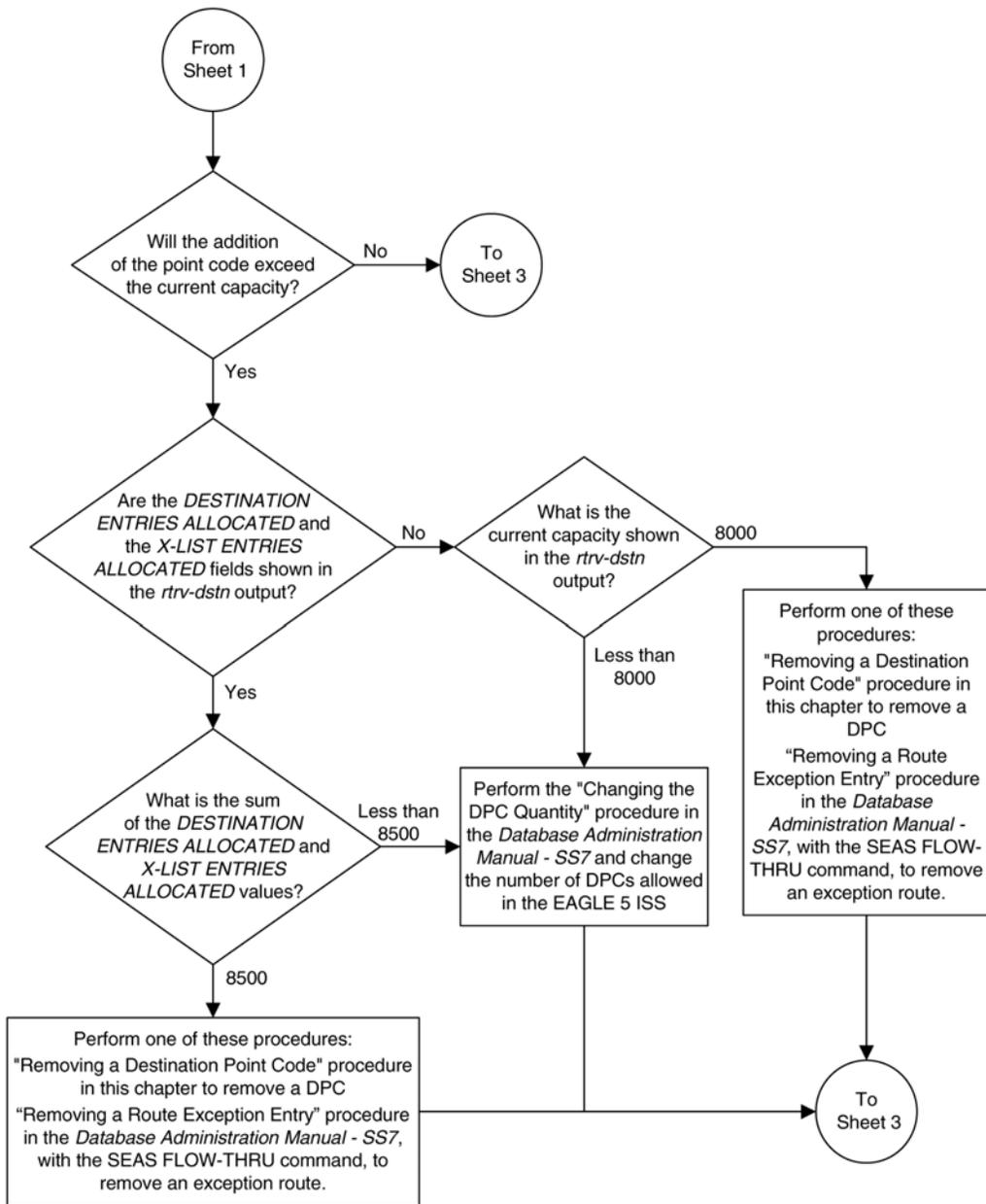
This procedure is used to add a destination point code to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-feat`, `rtrv-dstn`, `rtrv-ctrl-feat`, and `chg-db`. For more information on this procedure, see "Adding a Destination Point Code" in the Database Administration Manual – SS7 .

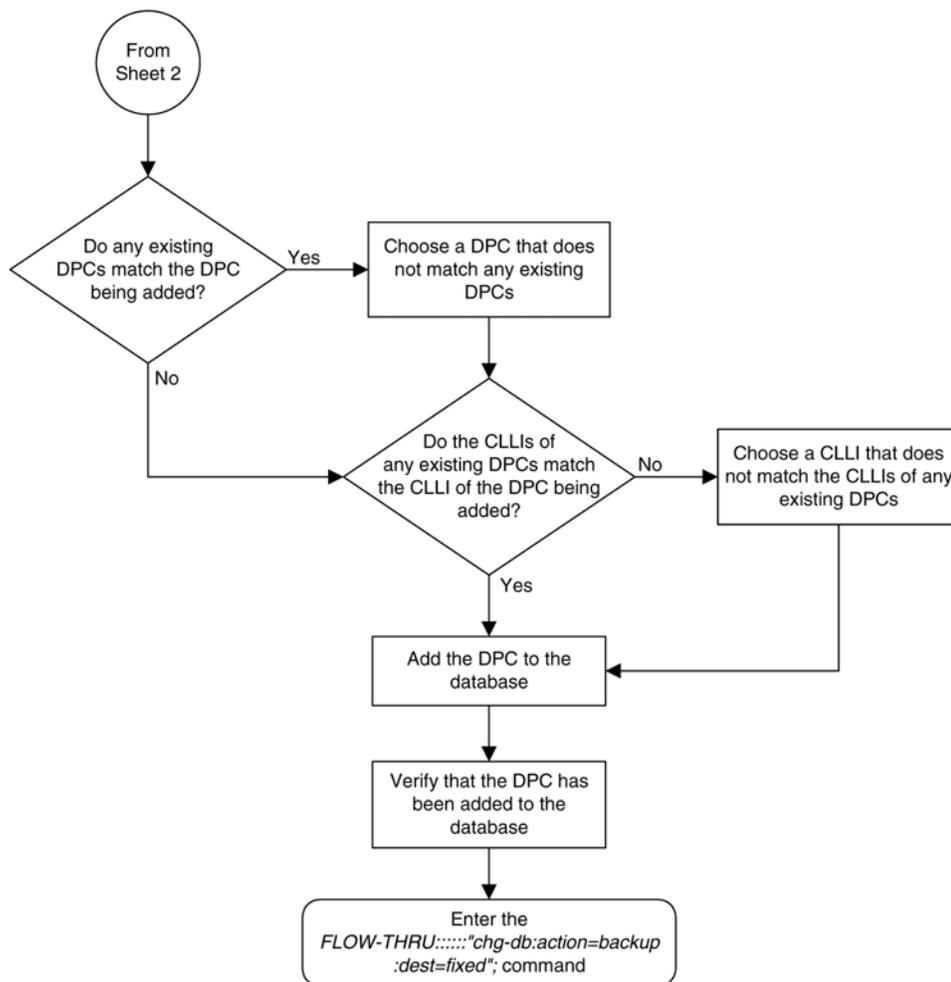
If you wish to use the following parameters of the EAGLE 5 ISS's `ent-dstn` command: `dpci`, `dpcn`, `dpcn24`, `domain`, `aliasa`, `aliasi`, `aliasn`, `aliasn24`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `prx=yes`, `ppc`, `ppca`, `ppci`, `ppcn`, `ppcn24`, or `ipgwapc`, or if spare point codes are being 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](#) on page 16 procedure.

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





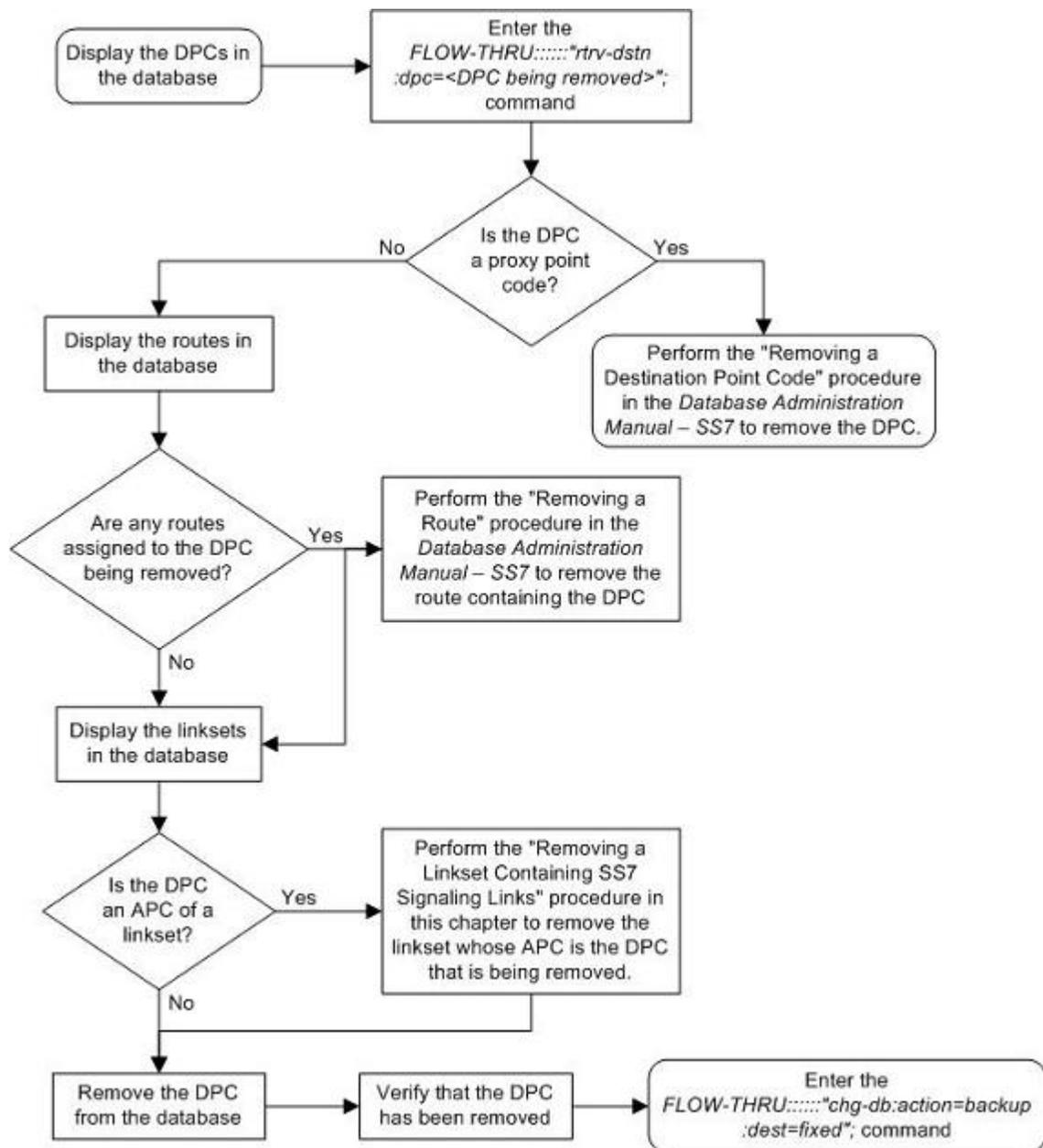


## Removing a Destination Point Code

This procedure is used to remove a destination point code from the database. This procedure uses the EAGLE 5 ISS commands `rtrv-dstn` 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 X.25, 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.

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



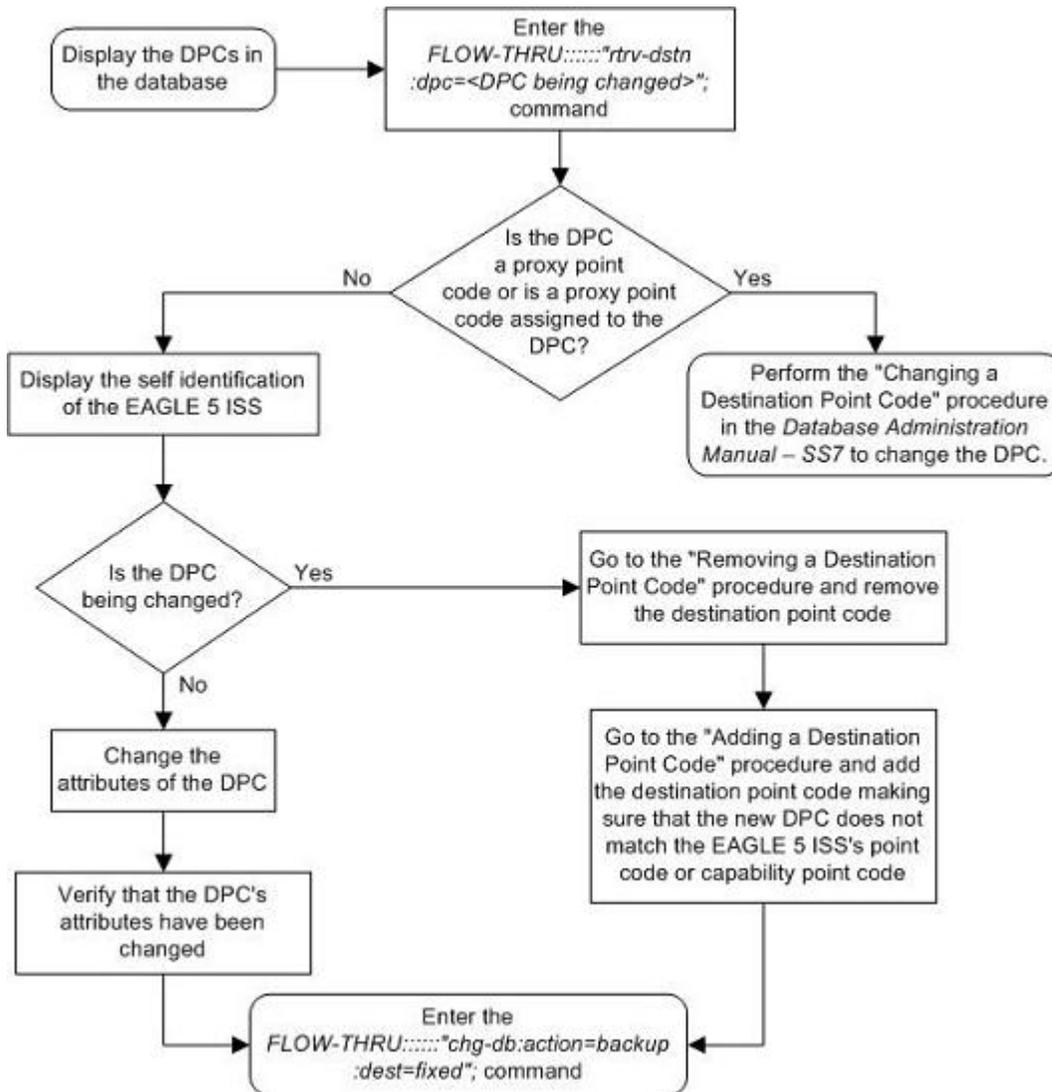
## Changing a Destination Point Code

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 X.25, ITU international, or ITU national destination point code (either a 14-bit ITU-N or 24-bit ITU-N point code), change the domain of the DPC, change the attributes of a proxy point code, or use the `ncai`, `alias`, `aliasa`, `aliasi`, `aliasn`, `aliasn24`,

spc, spca, spci, spcn, spcn24, 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

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### Topics:

- [Adding an SS7 Linkset Page 38](#)
- [Removing a Linkset Containing SS7 Signaling Links Page 47](#)
- [Changing an SS7 Linkset Page 49](#)
- [Adding an SS7 Signaling Link Page 61](#)
- [Removing an SS7 Signaling Link Page 73](#)
- [Adding a Route Page 75](#)
- [Changing a Route Page 77](#)

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`, or `apcntype`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `ppc`, `ppca`, `ppci`, `ppcn`, `ppcn24`, `lst=prx`, `cggtmod`, `islrsrb`, or `randsls` parameters of the EAGLE 5 ISS's `ent-1s` 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`, `ipgwpc`, `slkusealm`, `ipsg`, `adapter`, `asnotif`, `rcontext`, or `slktps` parameters of the EAGLE 5 ISS's `ent-1s` command, perform one of these procedures in the *Database Administration Manual – IP Secure Gateway* using the `SEAS FLOW-THRU` command with the EAGLE 5 ISS commands.

- Configuring an IPGWx Linkset
- Adding an IPSP M3UA Linkset
- Adding an IPSP M2PA Linkset

If you wish to use the `gmscrn` parameter (for the GSM MAP Screening feature) of the EAGLE 5 ISS's `ent-1s` 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](#) on page 39 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	<p>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.</p> <p>The parameter value 1 means TFPs are not broadcast on the linkset. The parameter value 0 means TFPs are broadcast on the linkset.</p>
SLSCI	YES NO	1 0	<p>The <code>slsci</code> parameter indicates that the 5-bit to 8-bit SLS conversion feature is enabled or not enabled. .</p> <p>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.</p> <p>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.</p>
ASL8	YES NO	1 0	<p>The <code>asl8</code> parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not sending MSUs with 8-bit SLSs.</p> <p>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.</p>
SLTSET	1-20	01-20	The signaling link test message record to be associated with the linkset.
NIS	ON OFF	1 0	The <code>nis</code> 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.

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
			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 <code>mtpmse</code> 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](#) on page 49). 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 `mtpmse`, the ANSI MTP Restart feature must be enabled with the `chg-feat` command. The `mtpmsi` and `mtpmsit` 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.

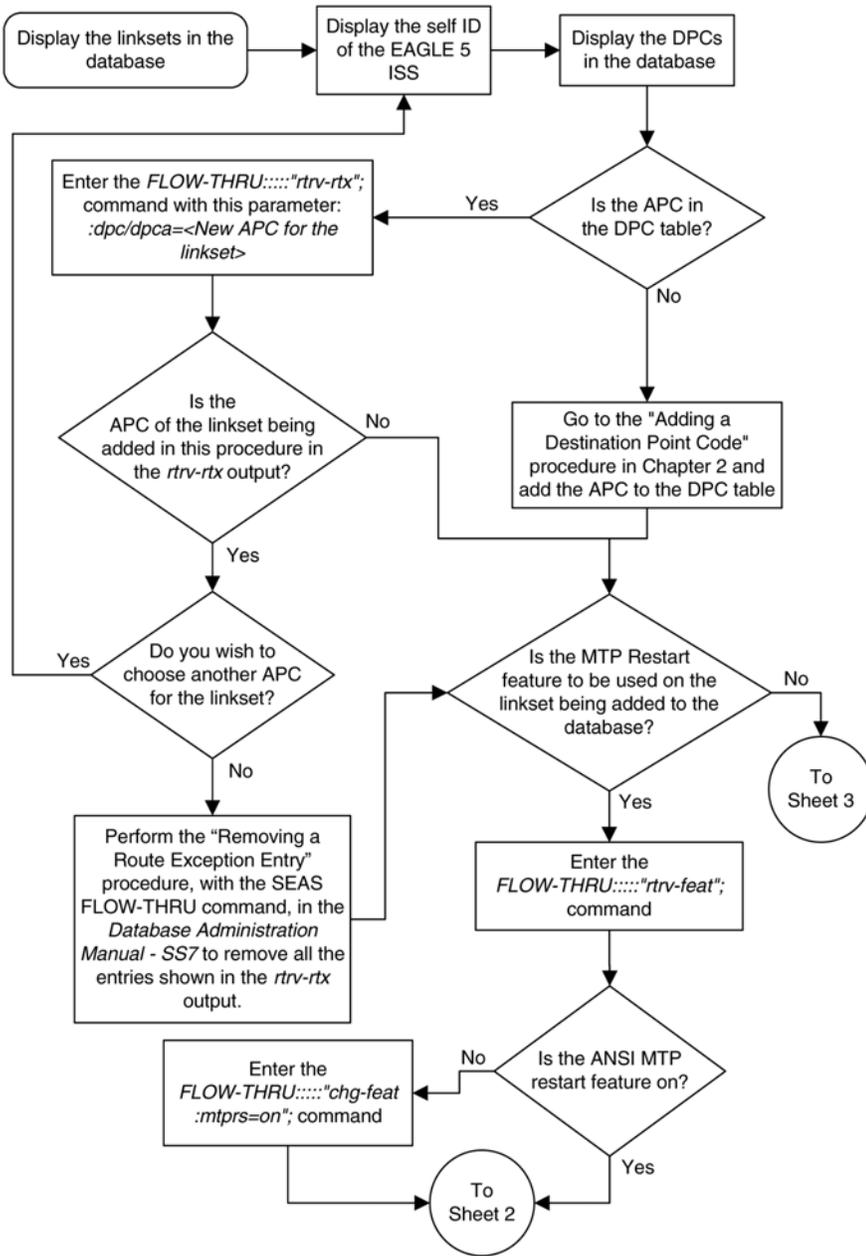
The actions of the supplier specific parameters `slsci` and `asl8` parameters are affected by the `slscnv` parameter of the EAGLE 5 ISS's `chg-stpopts` command. The interaction of these parameters is shown in [Table 5: Signaling Link Selector \(SLS\) Conversion \(ANSI Linksets Only\)](#) on page 41.

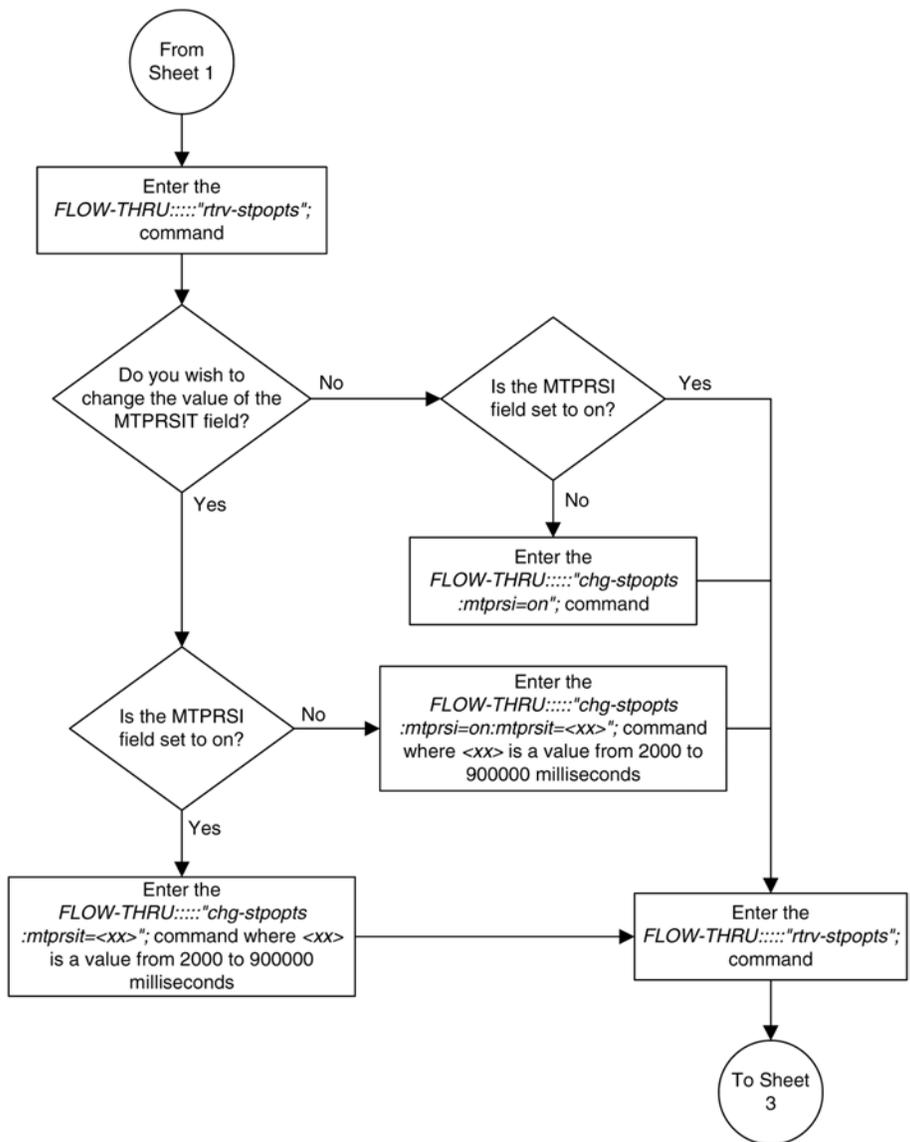
**Table 5: Signaling Link Selector (SLS) Conversion (ANSI Linksets Only)**

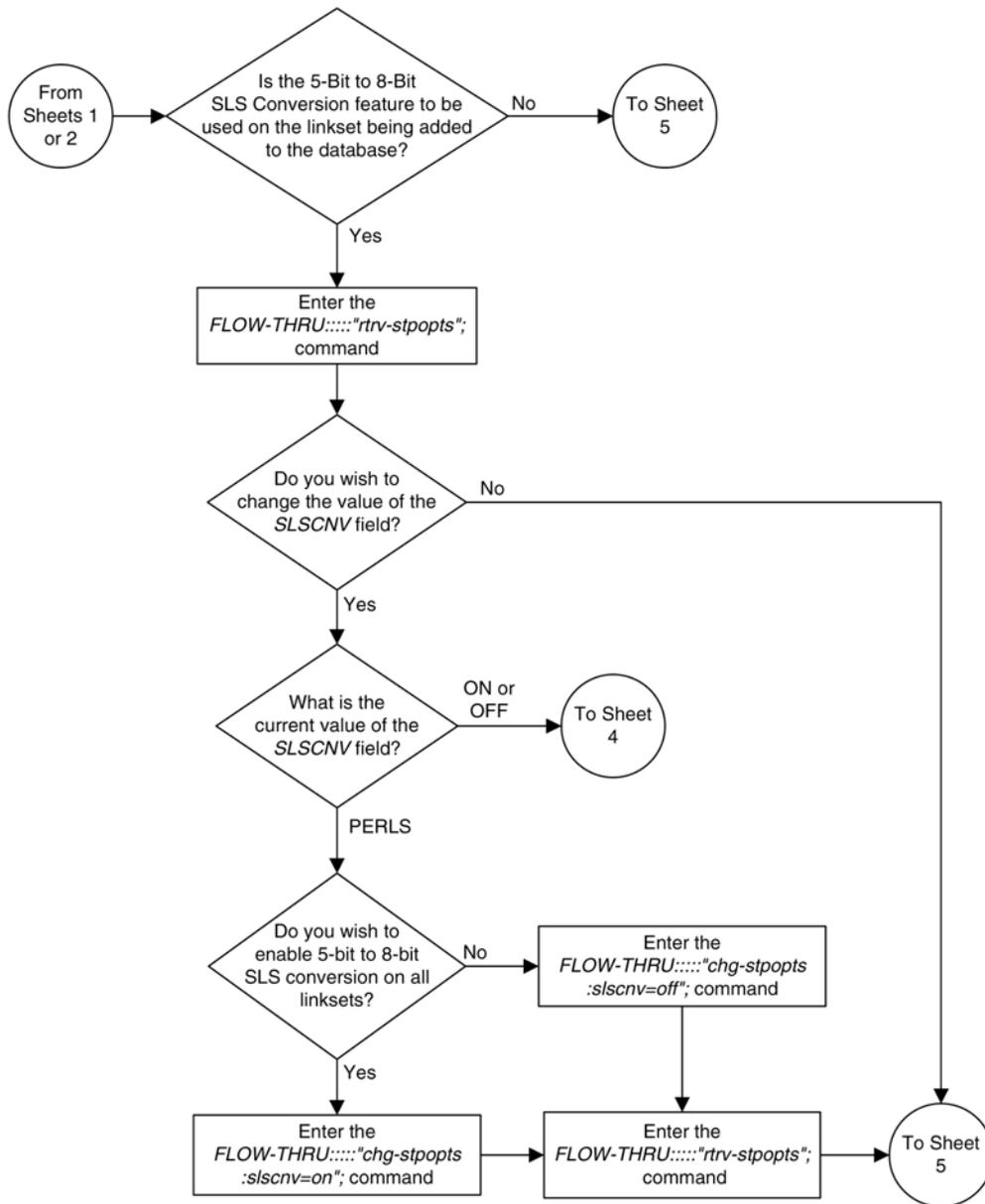
CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
ON	Not Applicable	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed on MSUs received on this linkset.
ON	Not Applicable	0	The adjacent node is not sending 8-bit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

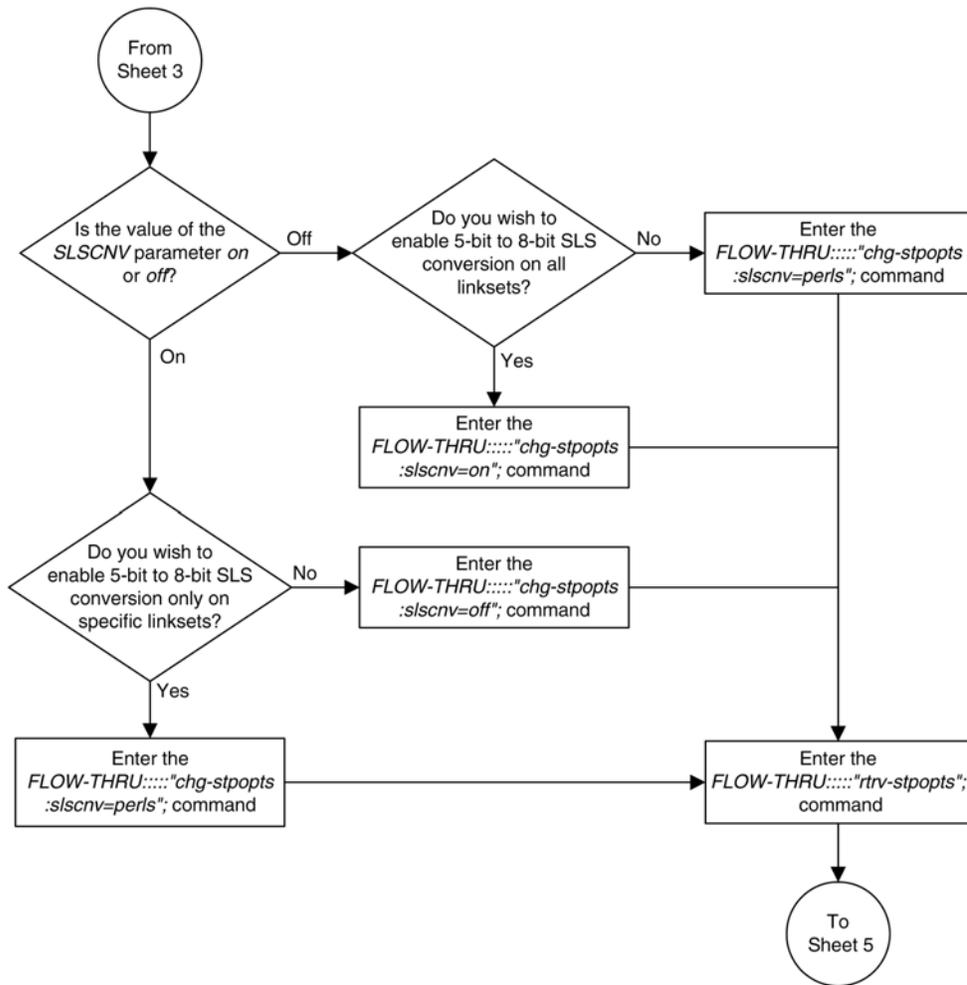
CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
PERLS*	0	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is not performed.
<p>* When the <code>slscnv=perls</code> parameter is specified with the EAGLE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

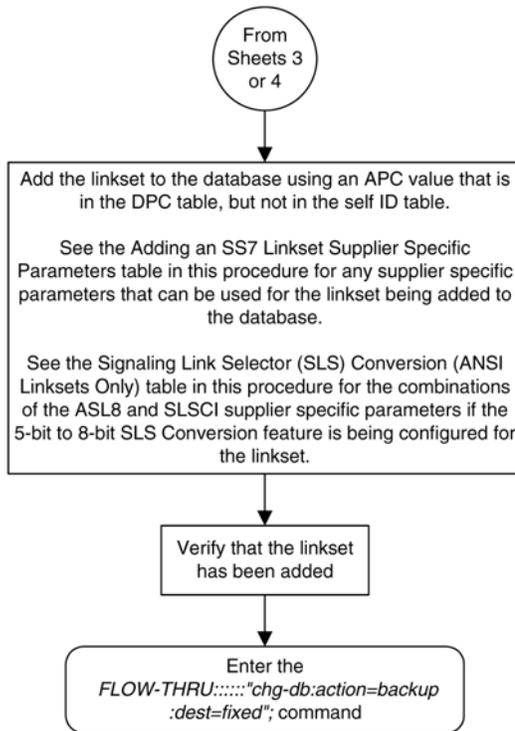
Figure 9: Adding an SS7 Linkset from the SEAS Terminal









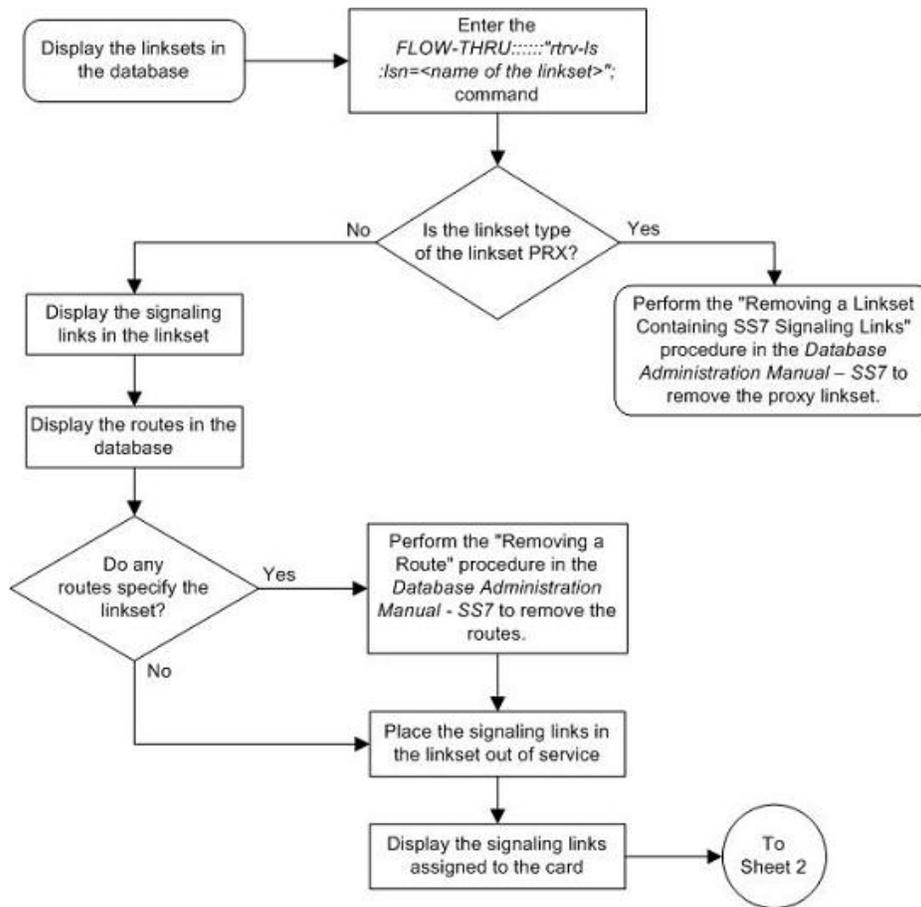


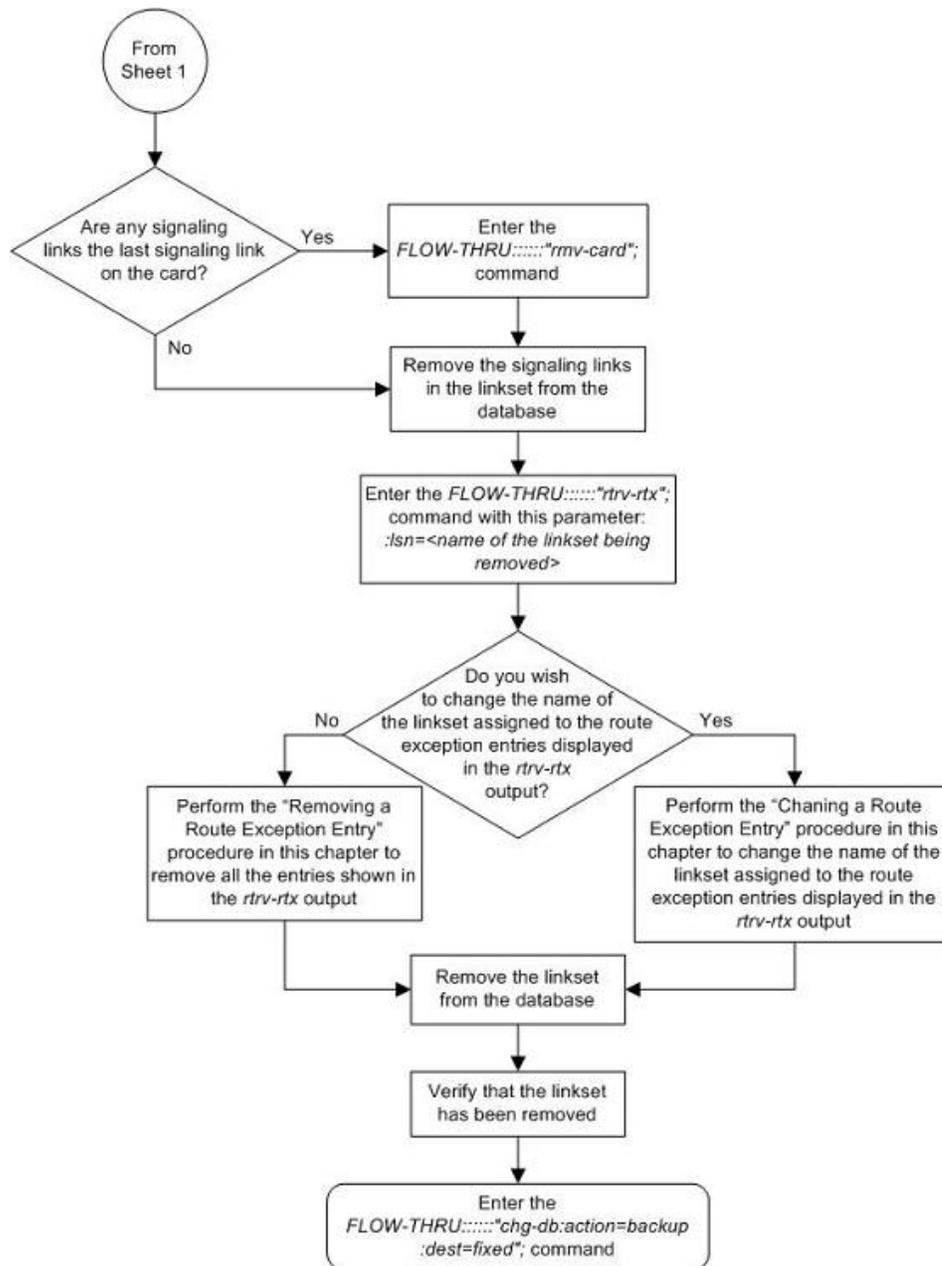
## Removing a Linkset Containing SS7 Signaling Links

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.

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





## 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`, `gwsn`, `slsocbit`, `slsrsb`, `itutfr`, `apcntype`, `spc`, `spca`, `spci`, `spcn`, `spcn24`, `cggtmod`, `islsrsb`, or `randsls` parameters of the EAGLE 5 ISS's `chg-ls` command, or change the adjacent point code of the linkset from an SS7 point code to an X.25 point code, 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`, `sapcn24`, 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 `gmscrn` 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 – IP Secure Gateway* using the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.

- Configuring an IPGWx Linkset
- Changing an IPSP M3UA Linkset
- Changing an IPSP 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 – IP 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`, `mtpse`, and `nlsn`. [Table 6: Changing an SS7 Linkset Supplier Specific Parameters](#) on page 51 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 <code>slsci</code> 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 <code>asl8</code> parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not sending MSUs with 8-bit SLs.  The parameter value 1 means the node adjacent to the EAGLE 5 ISS is sending MSUs with 8-bit SLs. The parameter value 0 means the node adjacent to the EAGLE 5 ISS is not sending MSUs with 8-bit SLs.
SLTSET	1-20	01-20	The signaling link test message record to be associated with the linkset.

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
NIS	ON OFF	1 0	<p>The <code>nis</code> 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.</p> <p>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.</p>
MTPRSE	YES NO	1 0	<p>The <code>mtpmse</code> parameter indicates that the node adjacent to the EAGLE 5 ISS is or is not equipped with the MTP restart capability.</p> <p>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.</p>
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 `mtpmse`, the ANSI MTP Restart feature must be enabled with the `chg-feat` command. The `mtpmrsi` and `mtpmrsit` 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.

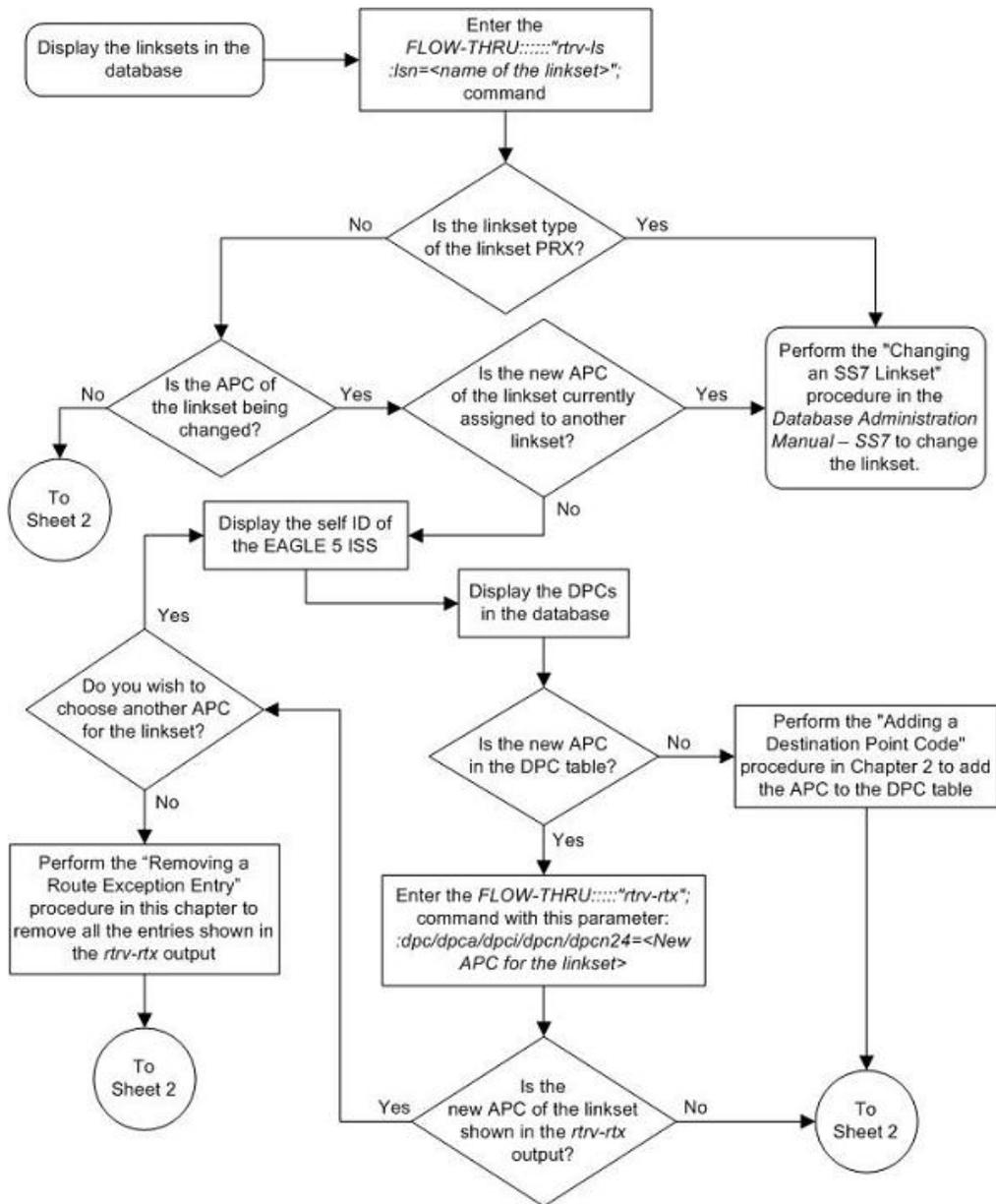
The actions of the supplier specific parameters `slsci` and `asl8` are affected by the `slscnv` parameter of the EAGLE 5 ISS's `chg-stpopts` command. The interaction of these parameters is shown in [Table 7: Signaling Link Selector \(SLS\) Conversion \(ANSI Linksets Only\)](#) on page 53.

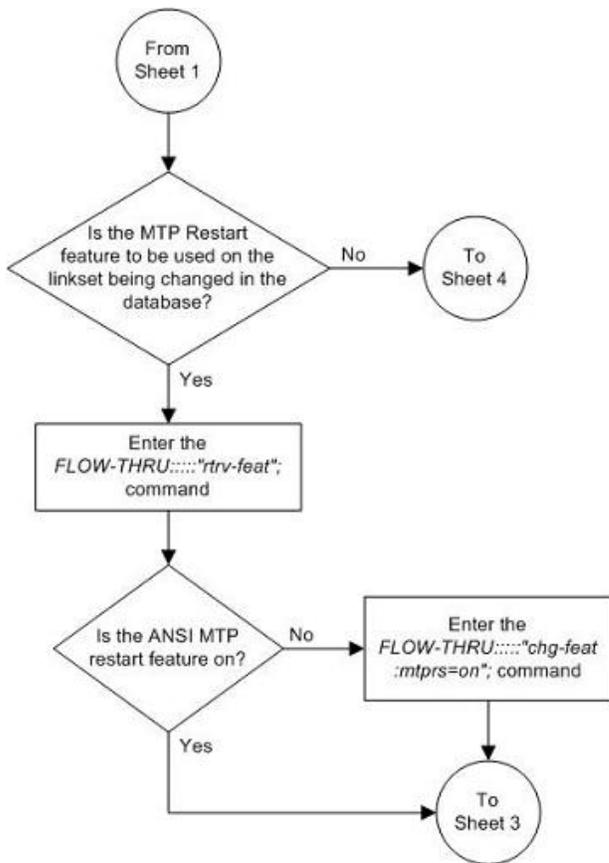
**Table 7: Signaling Link Selector (SLS) Conversion (ANSI Linksets Only)**

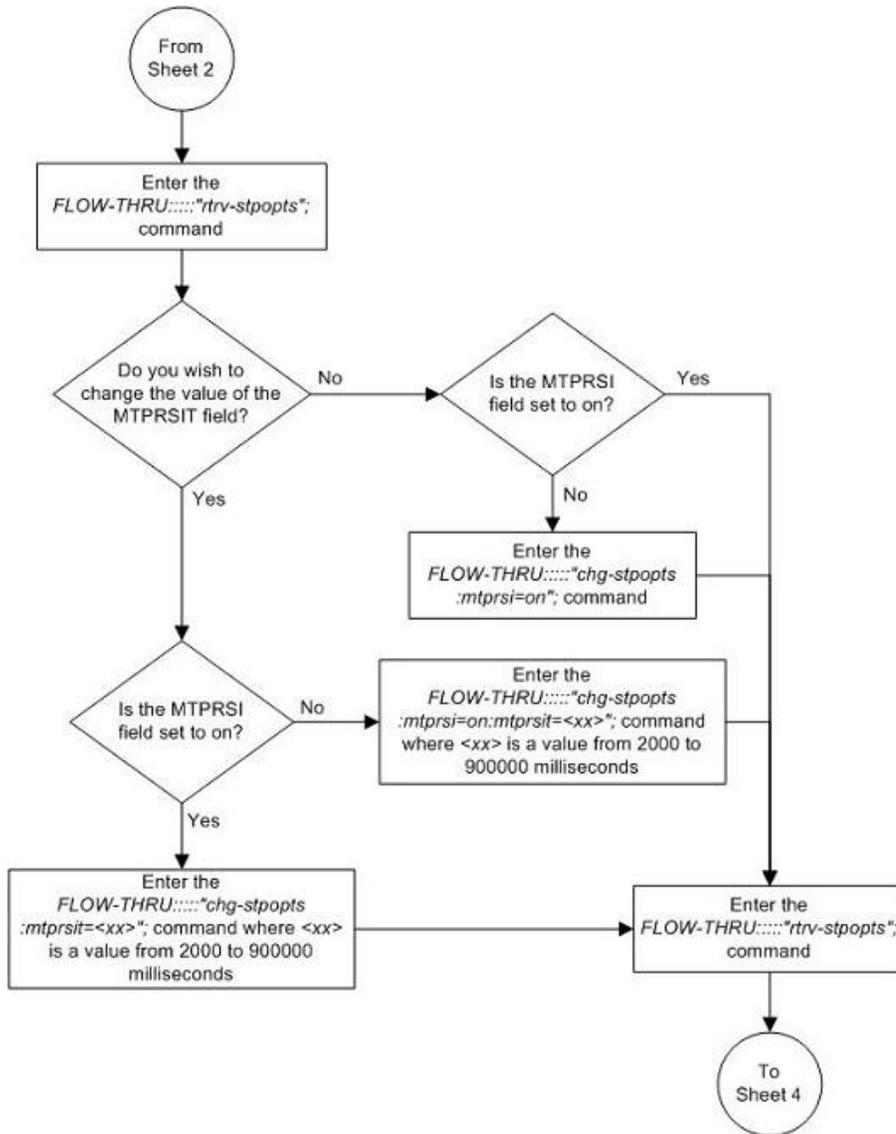
CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
ON	Not Applicable	1	The adjacent node is sending 8-bit SLSs. No SLS conversion is performed on MSUs received on this linkset.
ON	Not Applicable	0	The adjacent node is not sending 8-bit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

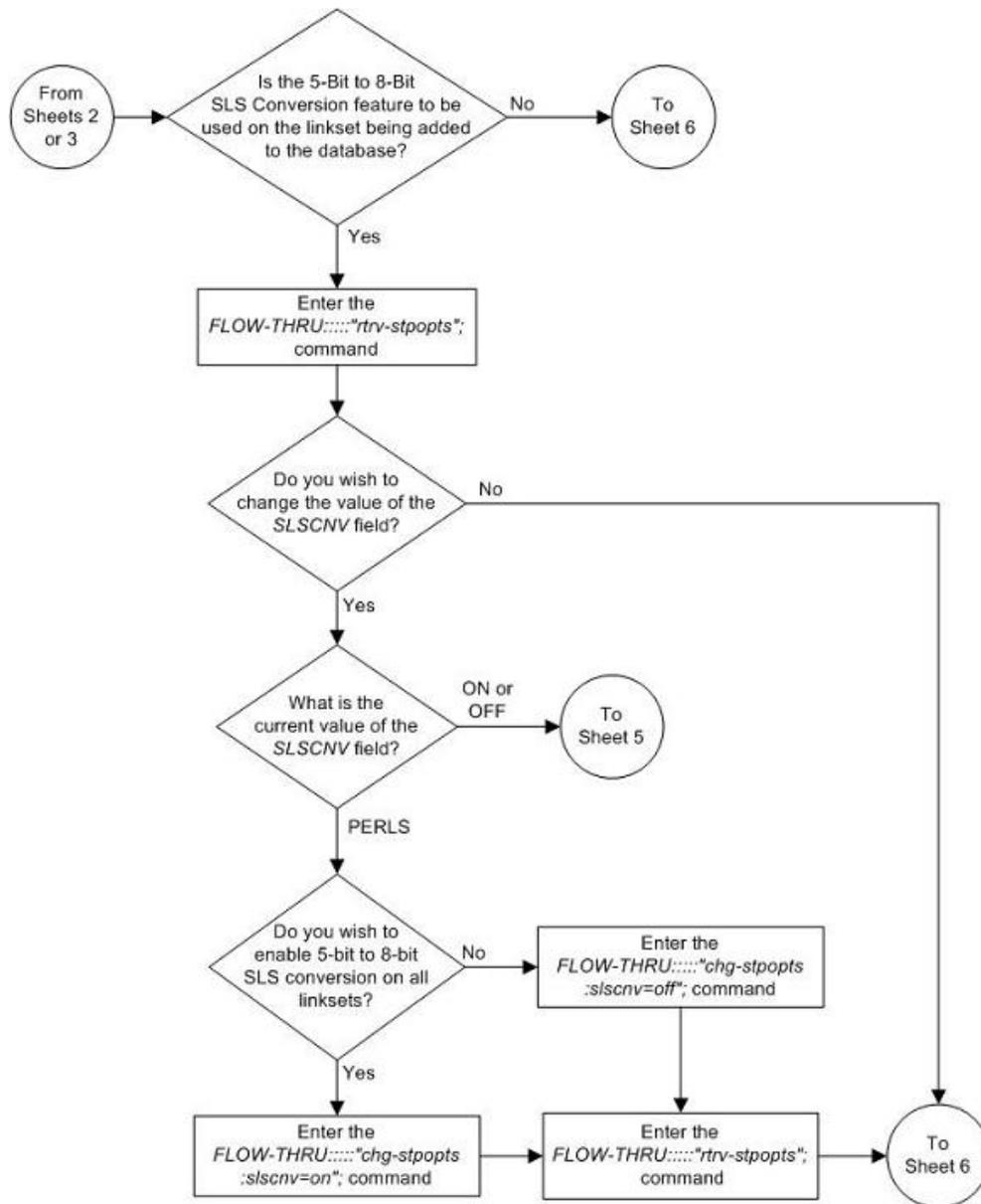
CHG-STPOPTS SLSCNV Parameter Value	Outgoing Linkset SLSCI Parameter Value	Incoming Linkset ASL8 Parameter Value	Result
OFF	Not Applicable	0	The adjacent node is not sending 8-bit SLSs. 5-bit to 8-bit SLS conversion is not performed on all linksets.
PERLS*	1	1	The adjacent node is sending 8-bit SLSs.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

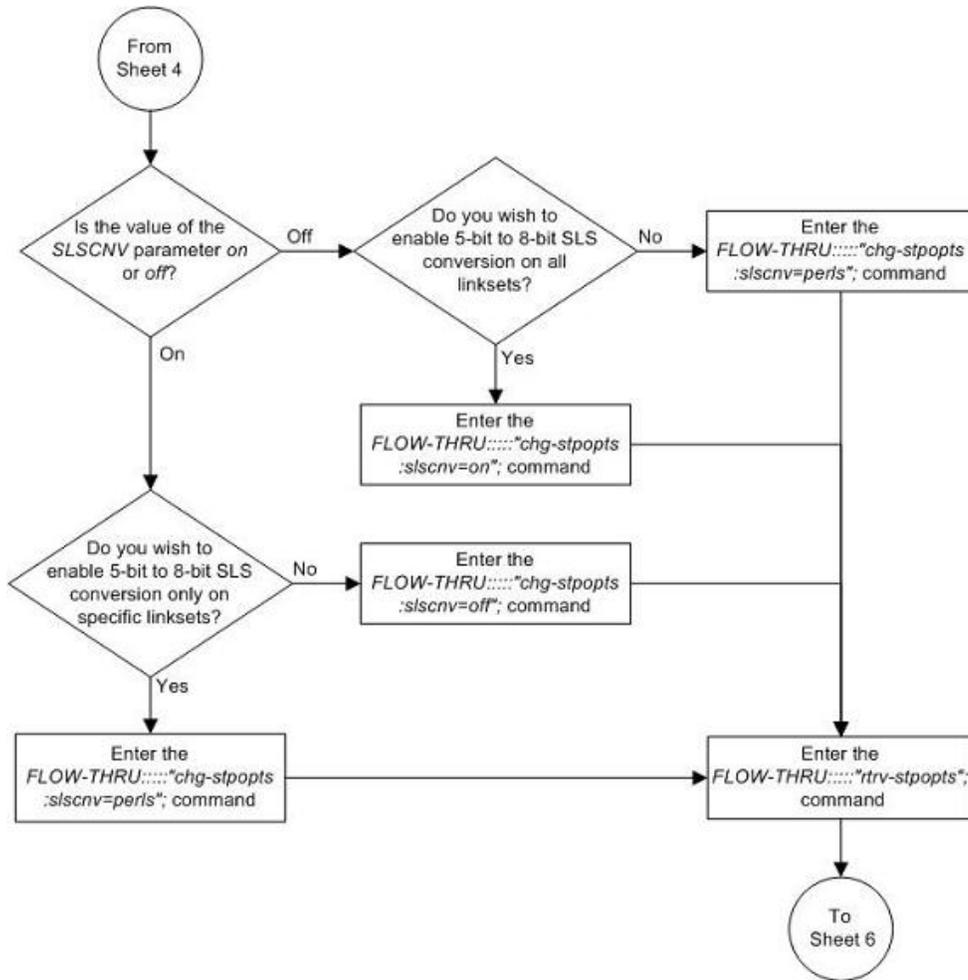
Figure 11: Changing an SS7 Linkset from the SEAS Terminal

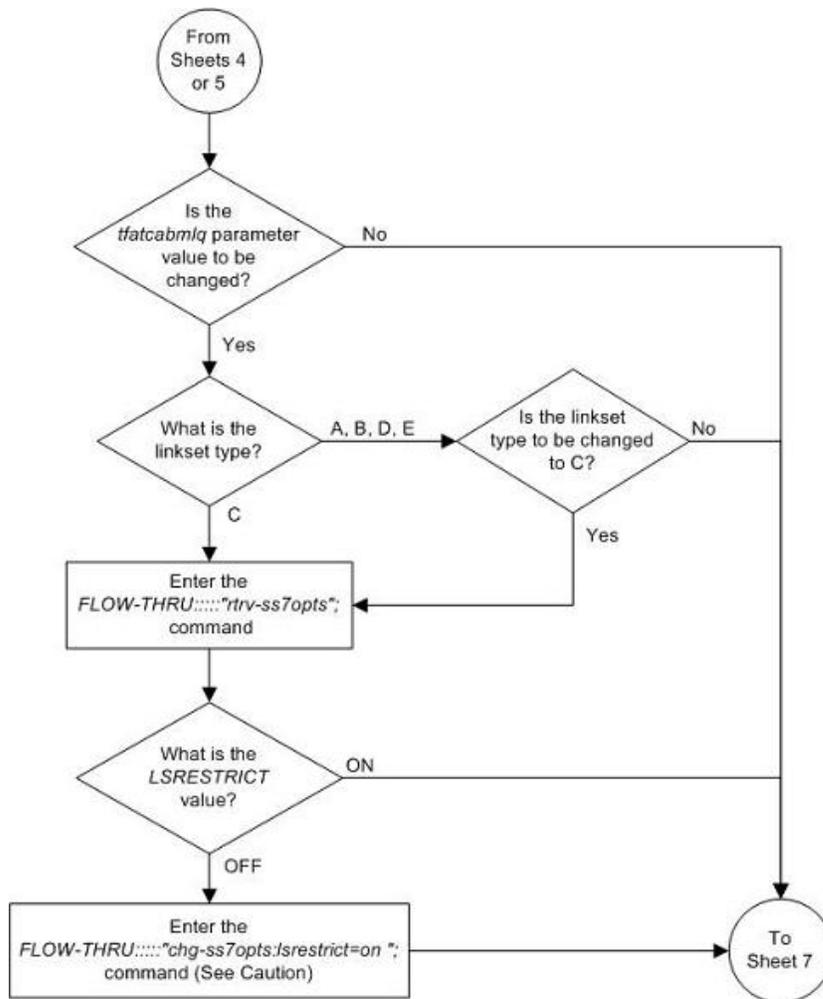




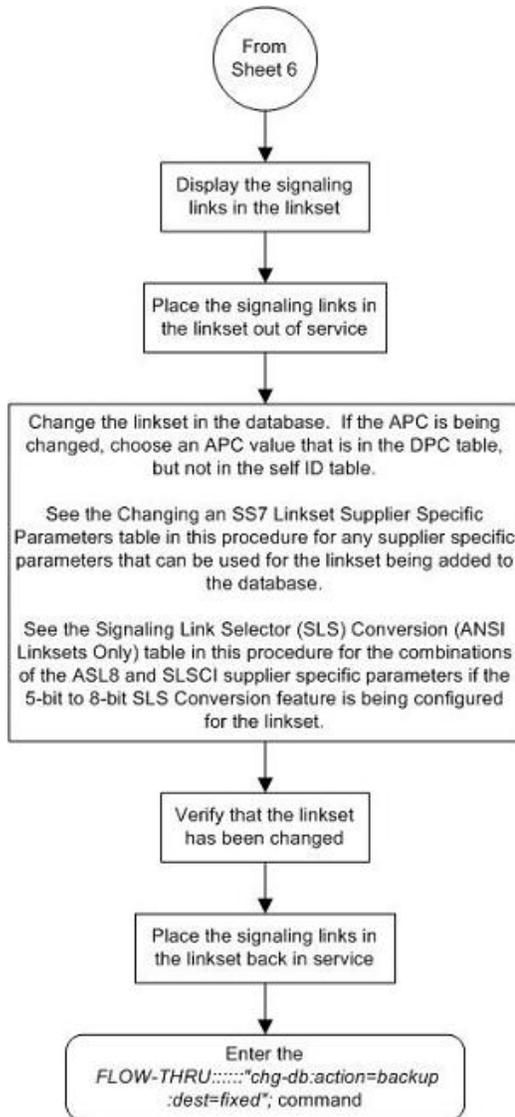








Caution: Turning the *lsrestrict* option on changes the way the EAGLE 5 ISS routes messages by using the state of the route along with the cost of the route to determine the preferred route to use. With this option on, the preferred route is not the absolute lowest cost available route in the routeset. A route is considered available if its status is either Allowed or Restricted. If the state of the absolute lowest cost route in the routeset is Restricted, the preferred route is the lowest cost route in the routeset whose status is Allowed. Make sure that you wish to have the EAGLE 5 ISS route messages in this manner before turning the *lsrestrict* option on.



## Adding an SS7 Signaling Link

This procedure is used to add an SS7 signaling link to the database. This procedure uses the EAGLE 5 ISS commands `rtrv-card`, `rst-card`, `rept-stat-slk`, `rtrv-t1`, `rtrv-ctrl-feat`, and `chg-db`. For more information on this procedure, see “Adding an SS7 Signaling Link” in the *Database Administration Manual – SS7*.

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](#) on page 62.

Table 8: SS7 Signaling Link Card and Application Combinations

Card Type	Application	Type of Signaling Link
limds0	ss7ansi	Low-speed signaling link or MPL signaling link
limocu		
limv35		
limt1	ss7ansi	T1 signaling link
limch		
limatm	atmansi	ATM high-speed signaling link
dcm	iplim	IP signaling link

If you wish to configure a signaling link to a LIM running the `ccs7itu` application, perform the “Adding an SS7 Signaling Link” procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to configure an E1 ATM high-speed signaling link, perform the “Adding an ATM High-Speed Signaling Link” procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to configure a signaling link to a LIM running either the `ss7ipgw`, `ipgwi`, `iplimi`, or `ipsg` applications, perform one of these procedures in the *Database Administration Manual – IP Secure Gateway* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

- Adding an IPLIMx Signaling Link
- Adding an IPGWx Signaling Link
- Adding an IPSG M3UA Signaling Link
- Adding an IPSG M2PA Signaling Link

If you wish to configure an E1 signaling link, perform the “Adding an E1 Signaling Link” procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

If you wish to configure a signaling link to a LIM running the `ss7gx25` application, perform the “Adding an X.25 Signaling Link” procedure in the *Database Administration Manual – Features* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

To support more than 700 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 1500 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.

The following hardware and applications are the only signaling link hardware and applications supported for an EAGLE 5 ISS containing more than 1500 signaling links.

- E1/T1 MIM running the `ccs7itu` application.
- HC-MIM running the `ccs7itu` application.
- E5-E1T1 running the `ccs7itu` application.
- Single-slot EDCM running either the `iplimi` or `ipgwi` applications.
- E5-ENET running either the `iplimi` or `ipgwi` applications.
- ATM high-speed LIM running the `atmitu` application.

### Supplier Specific Parameters

The EAGLE 5 ISS accepts the values for these parameters as supplier specific parameters: `l2test`, `l1mode`, `tset`, `ecm`, `pcrn1`, `pcrn2`, `lpset`, `atmtsel`, `vci`, `vpi`, `ll`, `ts`, `tlport`, and `tlloc`. [Table 9: SS7 Signaling Link Supplier Specific Parameters](#) on page 63 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 9: 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.
L1MODE	DTE DCE	1 0	The mode of operation used to select the link clocking source at layer 1. One end of a V.35 link must be DTE and the other end must be DCE.
TSET	ON OFF	1 0	Transmitter signal element timing
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.

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
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 $\pm$ 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.
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.
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 11 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. If the T1 card containing the T1 signaling link is an E1/T1 MIM, the value for this parameter is either 1 or 2.

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
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.

L2TSET, L1MODE, TSET, ECM, PCRN1, PCRN2, LPSET, ATMTSEL, VCI, VPI, LL, TS, T1PORT, T1LOC

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, L1MODE, TSET, 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 10: SS7 Signaling Link Parameter Combinations](#) on page 66 shows the five 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 10: SS7 Signaling Link Parameter Combinations

Low-Speed Signaling Link (See Note 1)	MPL Signaling Link	ATM High-Speed Signaling Link	IP Signaling Link	T1 Signaling Link
<b>Mandatory Parameters</b>				
loc = location of the LIM with of the SS7ANSI application and one of these card types: LIMDS0, LIMOCU, LIMV35.	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 or B	link = A, A1, A2, A3, B, B1, B2, or B3	link = A or B (See Note 12)	link = A - A3, B - B3 (See Note 11) link = A4 - A7, B4 - B7 (See Note 11)	link = See Note 10
lsn = linkset name (See Note 9)	lsn = linkset name (See Note 9)	lsn = linkset name (See Note 9)	lsn = linkset name (See Note 9)	lsn = linkset name (See Note 9)
mn = 00 - 15	mn = 00 - 15	mn = 00 - 15	mn = 00 - 15	mn = 00 - 15
lkspd = 56 or 64 (See Note 2)	lkspd = 56	lkspd = 1536 or 1544	lkspd = 1536	lkspd = 56 or 64
<b>Supplier Specific Parameters</b>				
l2tset = 01 - 20 default value = 1	l2tset = 01 - 20 default value = 1	lpset = 01 - 20 default value = 1		ts = 01 - 24
ecm = 1 or 0 default value = 1	ecm = 1 or 0 default value = 1	atmtsel = 0, 1, 2 default value = 0		t1port = (See Note 7) default value = 1
pcrn1 = 001 - 127 (See Note 3) default value = 076	pcrn1 = 001 - 127 (See Note 3) default value = 076	vci = 00000 - 65535 (See Note 6) default value = 00005		t1loc = location of the LIM-T1 card (See Notes 7 and 8)

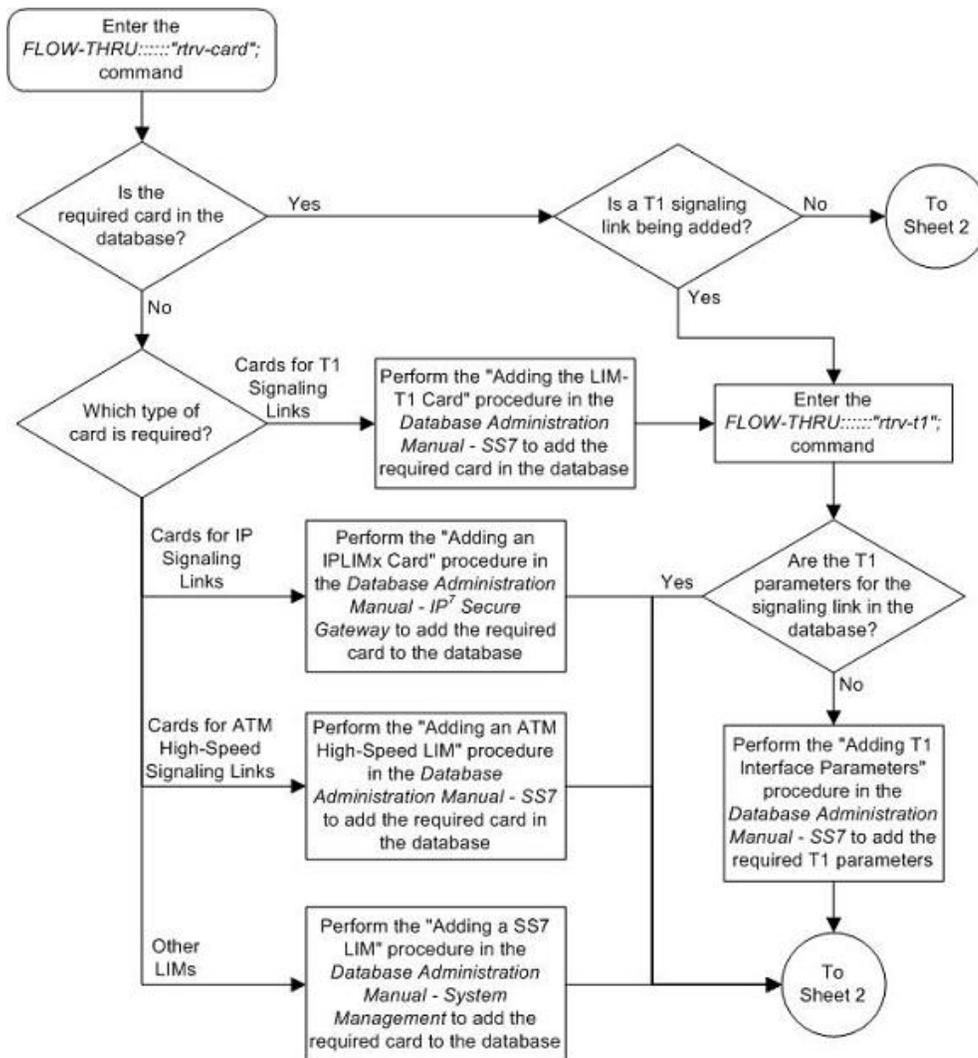
Low-Speed Signaling Link (See Note 1)	MPL Signaling Link	ATM High-Speed Signaling Link	IP Signaling Link	T1 Signaling Link
pcrn2 = 0300 - 35500 (See Note 3) default value = 3800	pcrn2 = 0300 - 35500 (See Note 3) default value = 3800	vpi = 0000 - 4095 default value = 0		ecm = 1 or 0 default value = 1
l1mode = 1 or 0 (See Note 4) default value = 1		ll = 0 - 7 default value = 0		pcrn1 = 001 - 127 (See Note 3) default value = 076
tset = 1 or 0 (See Notes 4 and 5) default value = 0				pcrn2 = 0300 - 35500 (See Note 3) default value = 3800

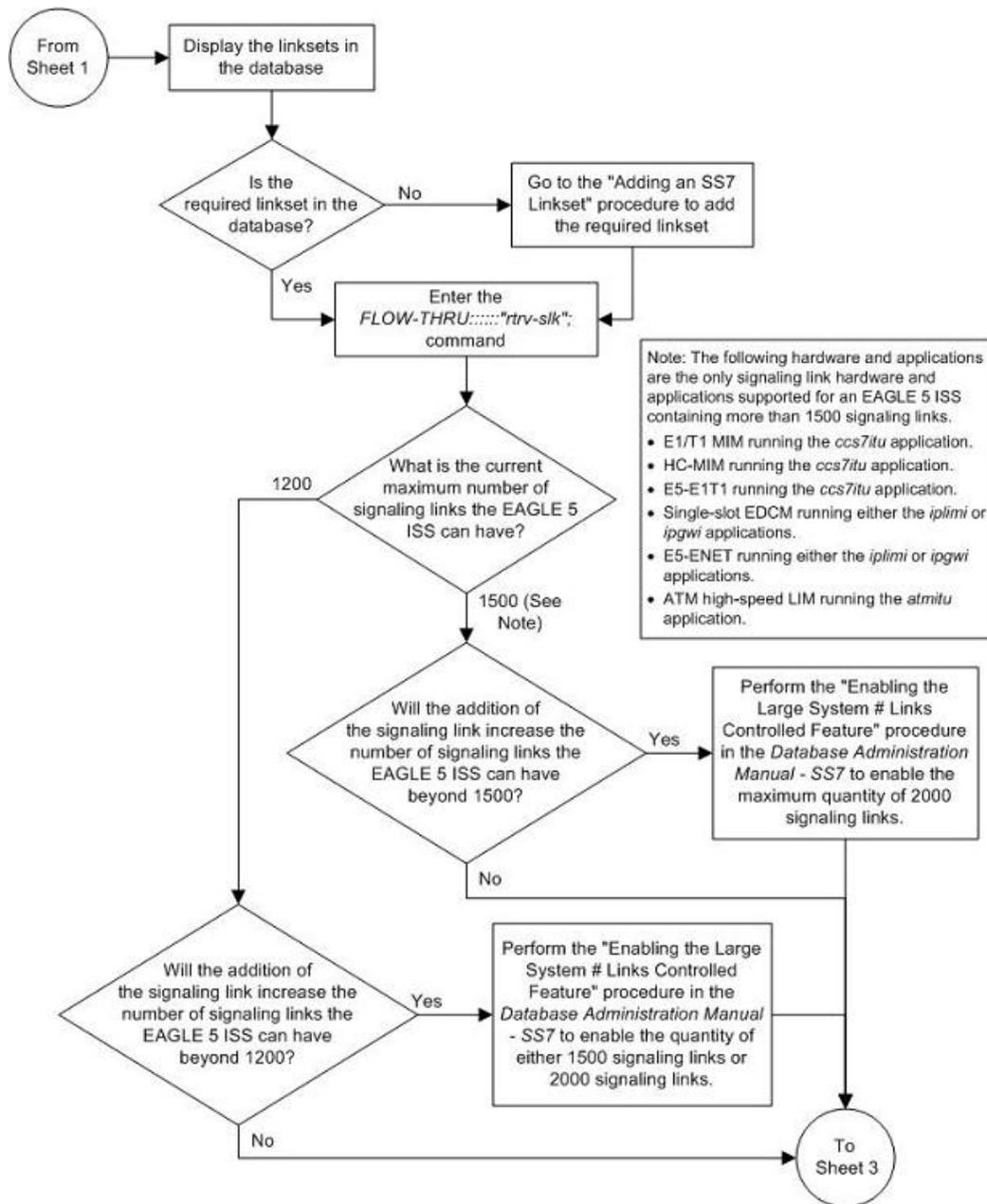
## Notes:

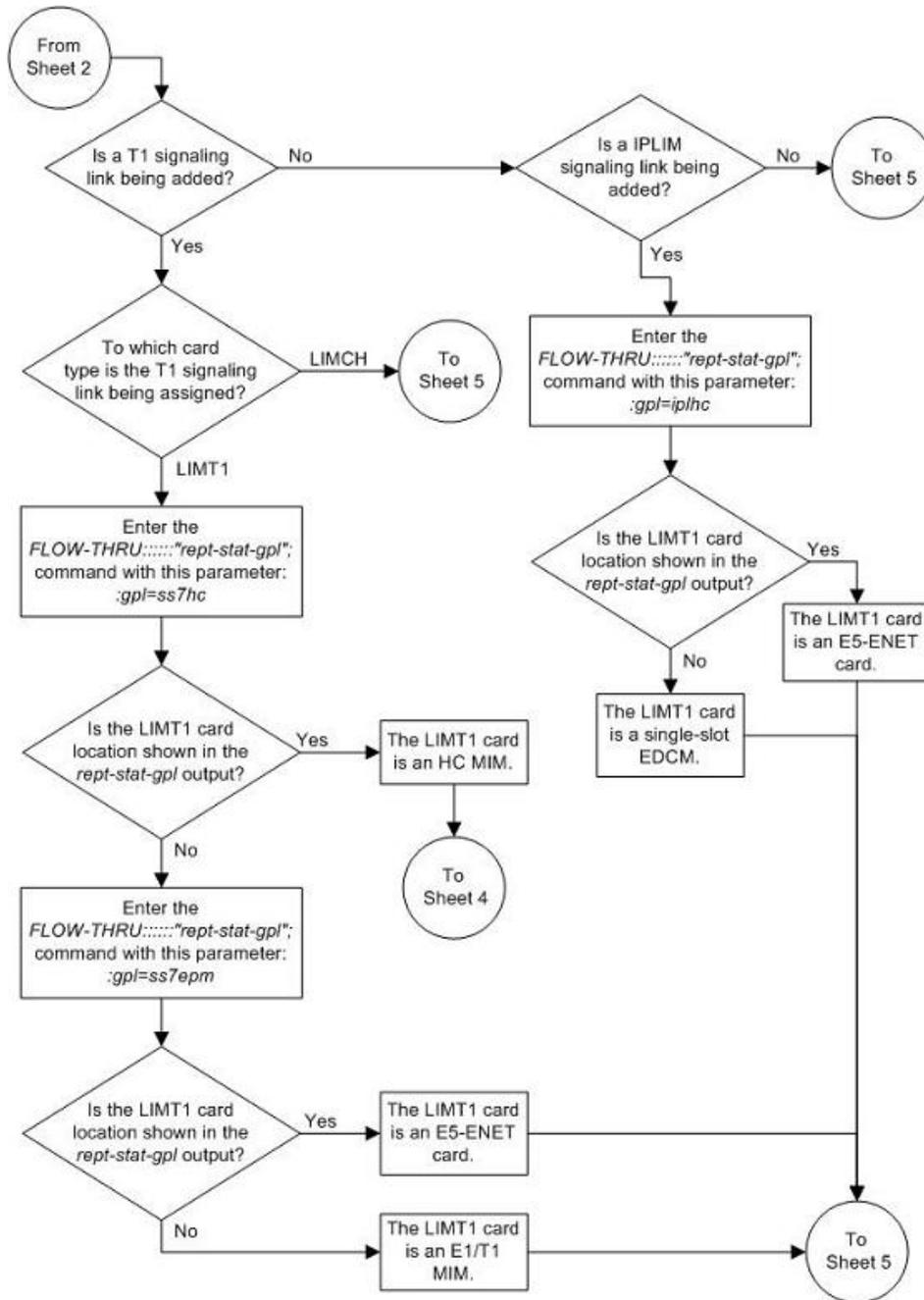
1. This procedure is not used to configure E1 signaling links. To configure E1 signaling links, go to Appendix A, "E1 Interface," in the *Database Administration Manual - SS7*.
2. If the card type is LIMDS0 or LIMOCU, then the value of this parameter must be 56.
3. These parameters can be specified only when the value of the ecm parameter is 0.
4. These parameters can be specified only if the card type is LIMV35.
5. This parameter can be specified only when the value of the l1mode parameter is 0.
6. The values 0 - 4 and 6 - 31 cannot be specified for the vci parameter. These values are reserved.
7. 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/T1 MIM (card type LIMT1), the t1port parameter values are either 1 or 2. The HC MIM or E5-E1T1 card cannot be a channel card.
8. The t1loc parameter can only be specified if the card that the T1 signaling link is being assigned to is a LIMCH card
9. 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.

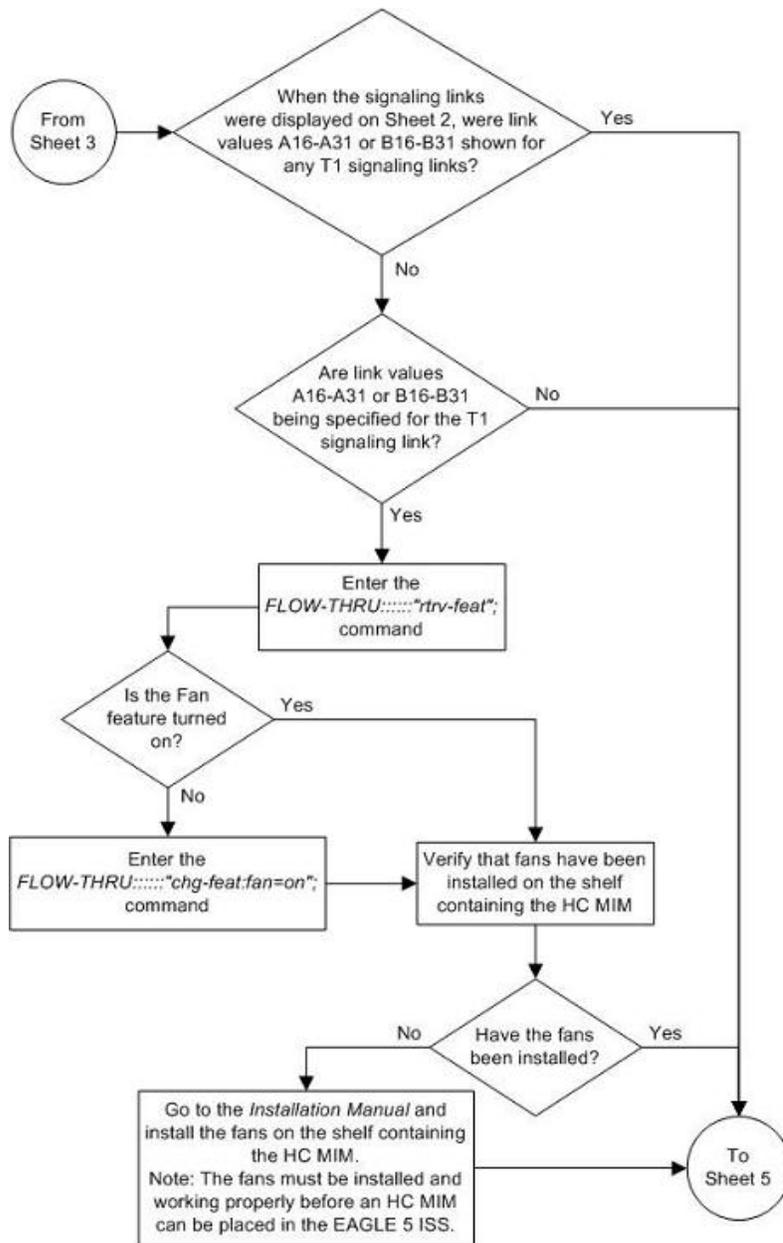
Low-Speed Signaling Link (See Note 1)	MPL Signaling Link	ATM High-Speed Signaling Link	IP Signaling Link	T1 Signaling Link
<p><b>10.</b> The range of link parameter values is dependent on the type of LIMT1 card (either an E1/T1 MIM, an HC MIM, or E5-E1T1 card) and if the card is an HC MIM, the HC MIM signaling link quantity that is enabled.</p> <p style="padding-left: 40px;">E1/T1 MIM - Link Parameter Values A - A3, B - B3                      HC MIM - Link Parameter Values A - A31, B - B31                      E5-E1T1 - Link Parameter Values A - A15, B - B15</p> <p><b>11.</b> 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.</p> <p><b>12.</b> The link value B can be specified only if the card is an E5-ATM.</p>				

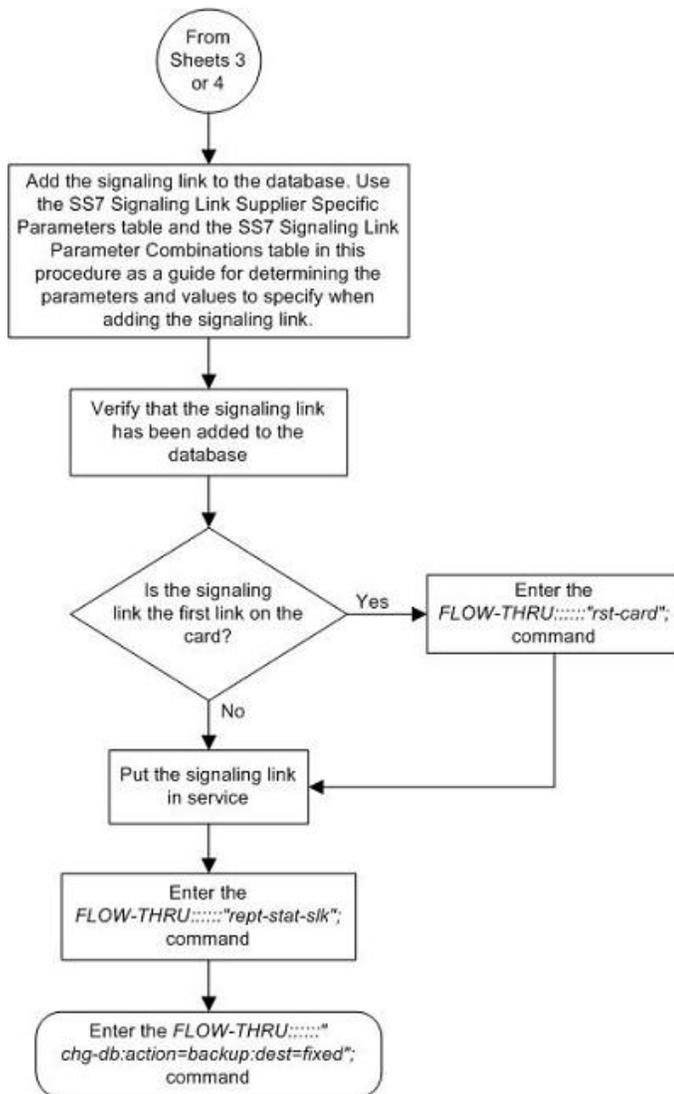
**Figure 12: Adding an SS7 Signaling Link from the SEAS Terminal**











## Removing an SS7 Signaling Link

This procedure is used to remove an SS7 signaling link from the database. This procedure uses the EAGLE 5 ISS commands `dlt-slk`, `rept-stat-slk`, `rmv-card`, `rept-stat-lfs`, `dact-lbp`, and `chg-db`. For more information on this procedure, see "Removing an SS7 Signaling Link" in the *Database Administration Manual – SS7*.

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 – IP Secure Gateway* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

- Removing an IPLIMx Signaling Link
- Removing an IPGWx Signaling Link
- Removing an IPSG M3UA Signaling Link

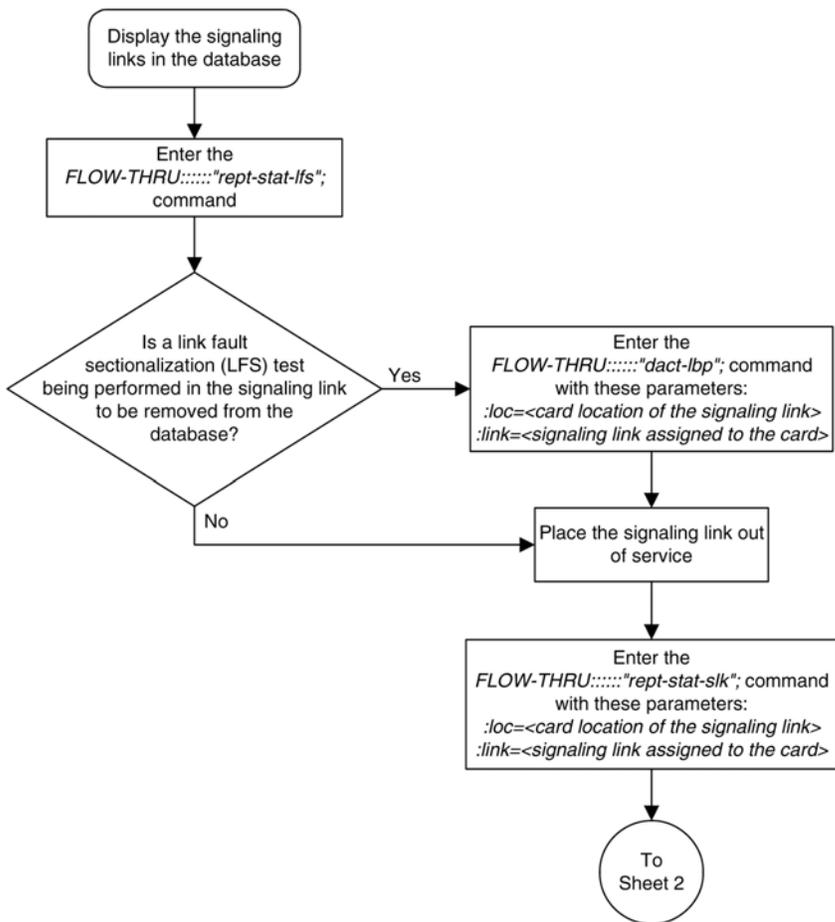
- Removing an IPSP M2PA Signaling Link

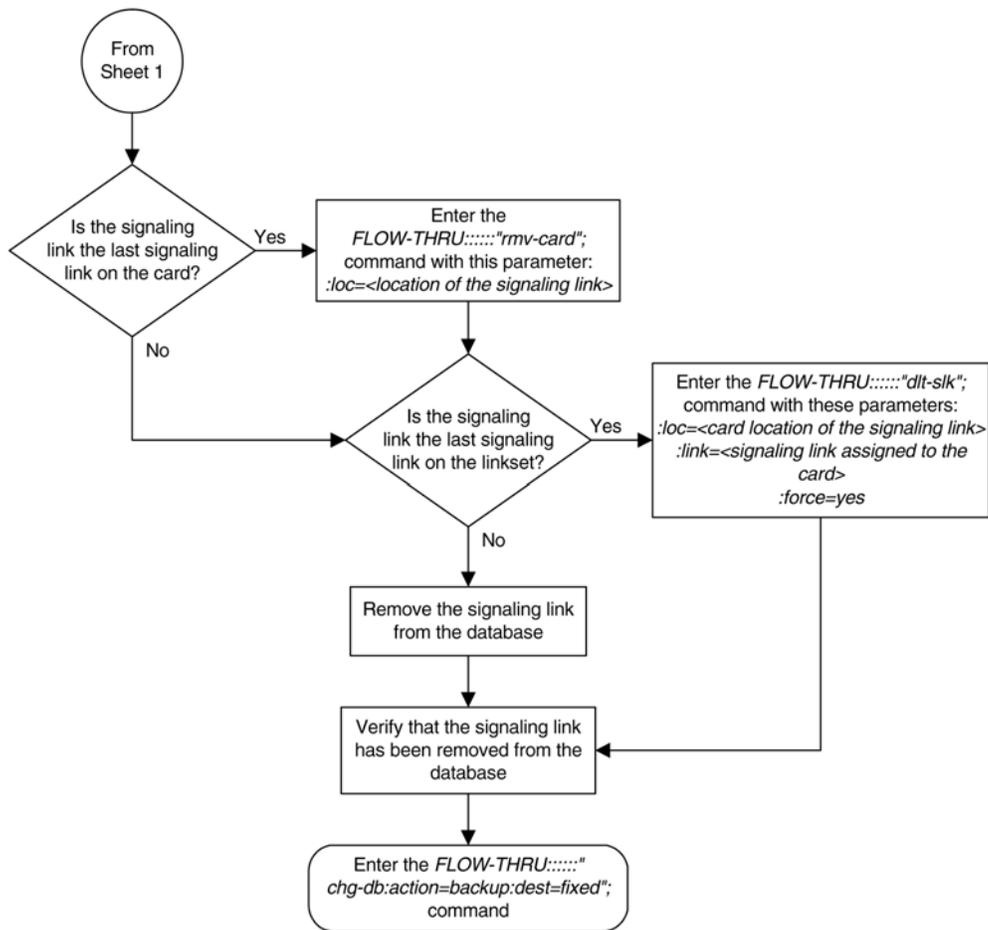
**Canceling the REPT-STAT-SLK Command**

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*.

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





## 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*.

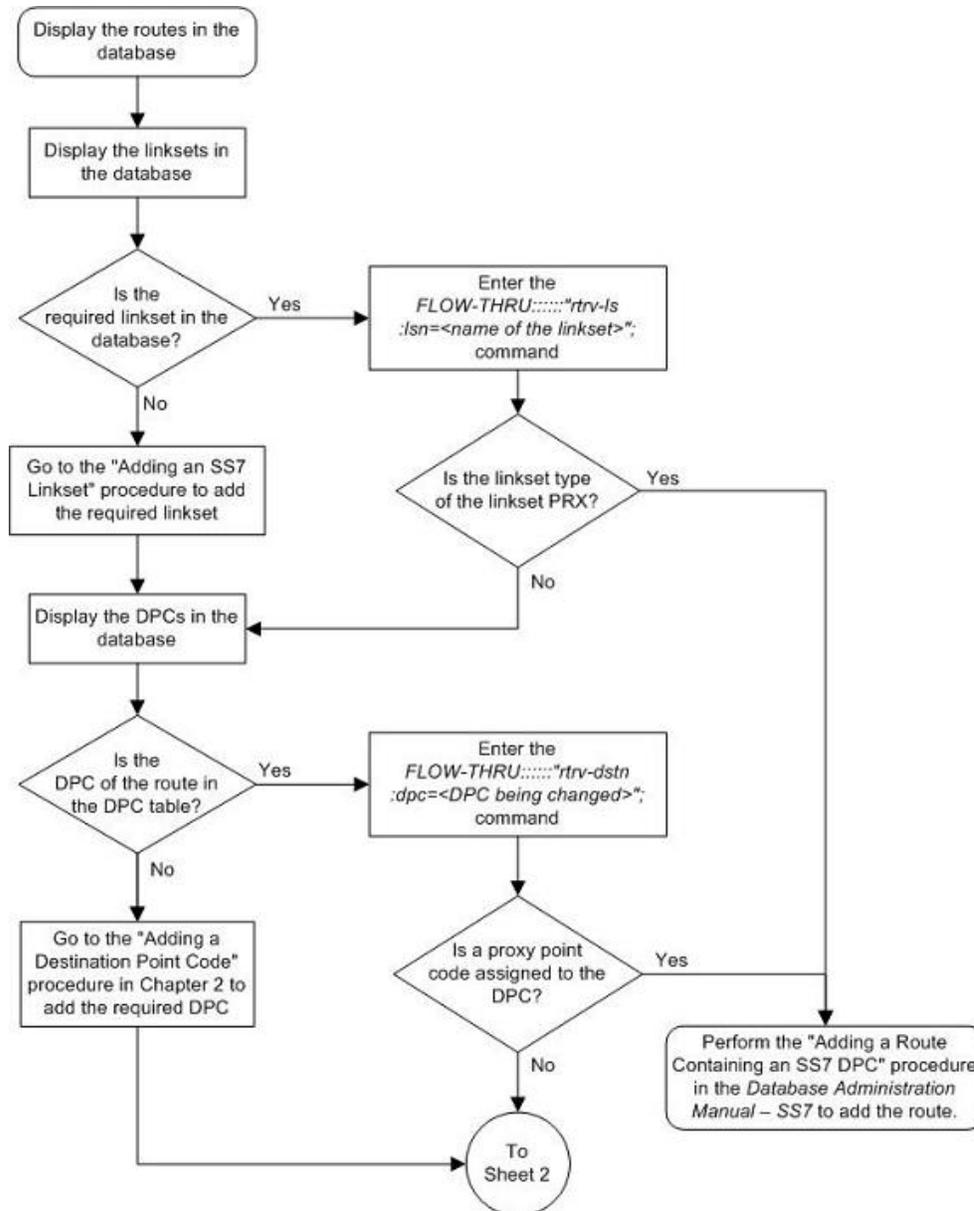
If you wish to use the `dpci`, `dpcn`, `dpcn24`, or `force` parameters of the EAGLE 5 ISS’s `ent-rte` command, or assign the route being added to the database to a linkset that contains an X.25 adjacent point code or to an IPGWx linkset, perform one of these procedures in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.:

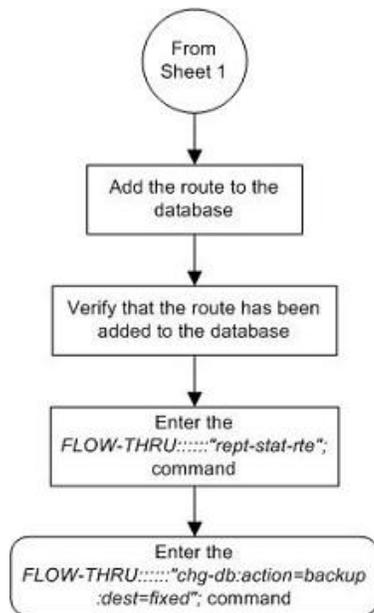
- Adding a Route Containing an X.25 DPC
- Adding a Route Containing an IPGWx Linkset.

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.

Figure 14: Adding a Route from the SEAS Terminal





## Changing a Route

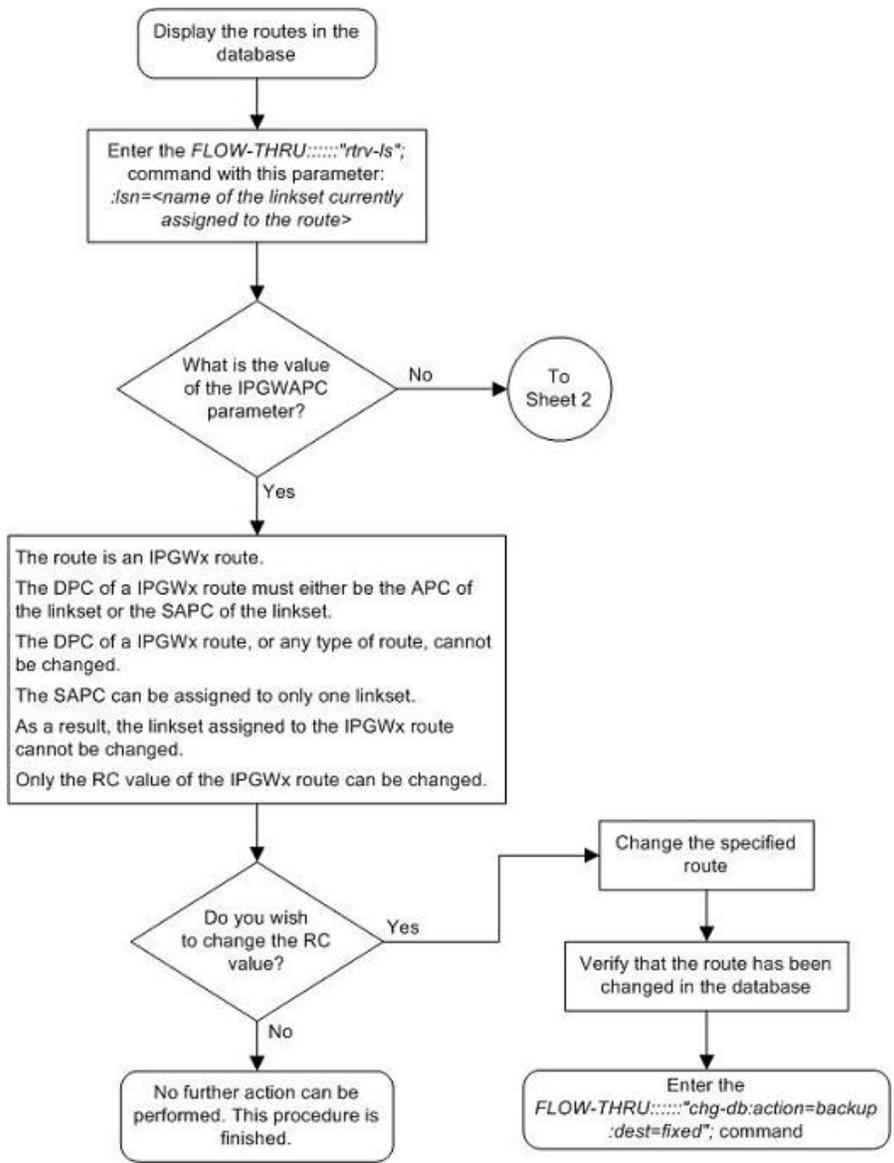
This procedure is used to change the attributes of a route in the database. This procedure uses the EAGLE 5 ISS commands `rtrv-ls`, `rtrv-dstn`, and `chg-db`. For more information on this procedure, see “Changing a Route” in the *Database Administration Manual – SS7*.

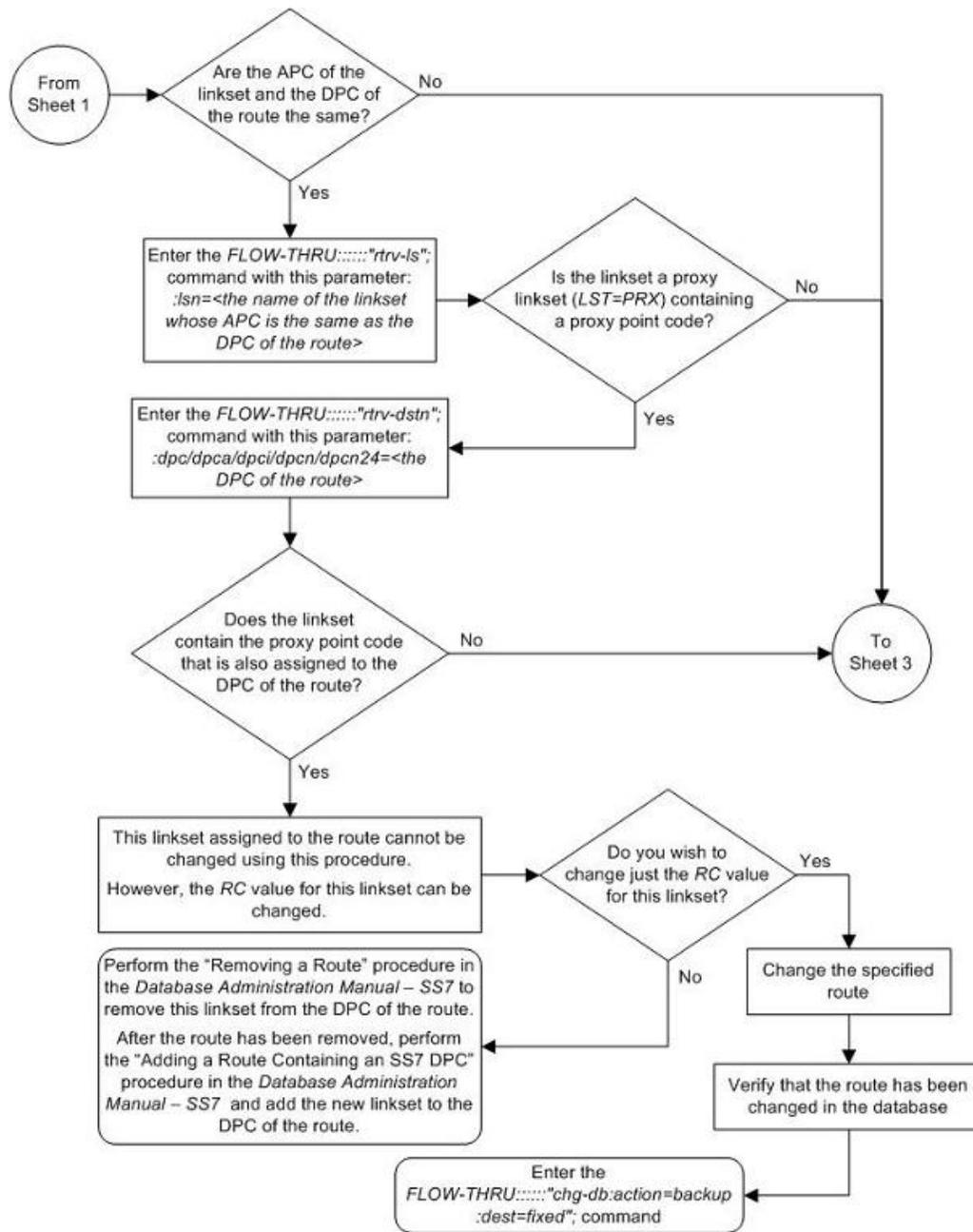
This procedure is only used to changed the attributes of a route assigned to a linkset containing an SS7 adjacent point code. If you wish to use the `dpci`, `dpcn`, or `dpcn24` parameters of the EAGLE 5 ISS’s `chg-rte` command, or if a linkset containing an X.25 adjacent point code is to be used in changing the attributes of the route, perform the “Changing a Route” procedure in the *Database Administration Manual – SS7* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

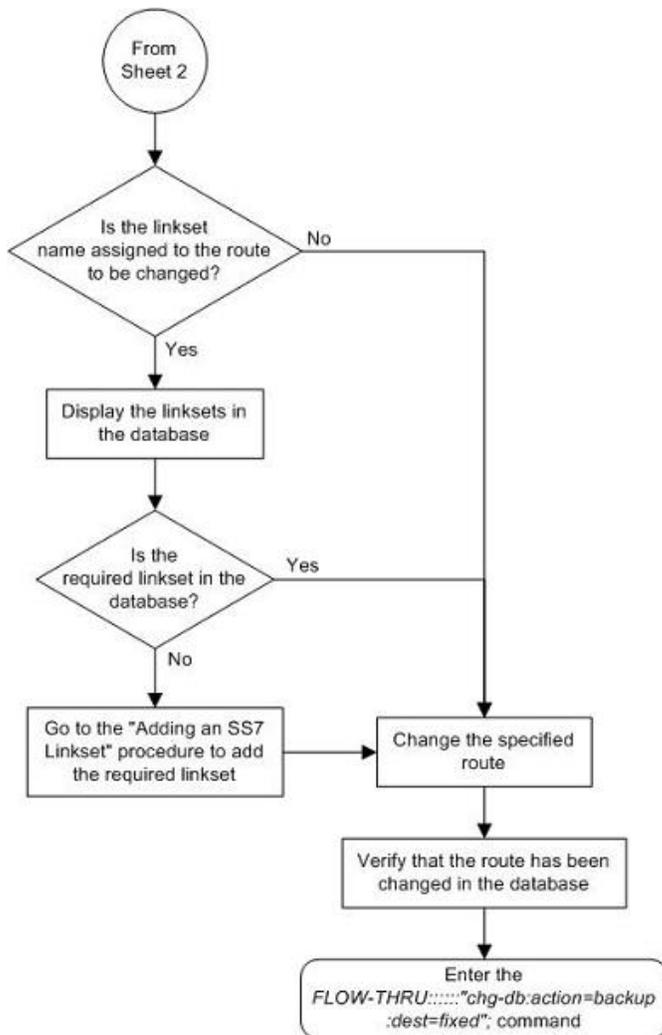
On the EAGLE 5 ISS, the linkset name can have a maximum of 10 characters. The SEAS interface supports a linkset name with a maximum of eight characters. Linksets configured through the SEAS interface will have linkset names with a maximum of eight characters. If linksets configured on the EAGLE 5 ISS 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.

**Figure 15: Changing a Route from the SEAS Terminal**







## Global Title Translation (GTT) Configuration

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### Topics:

- [Provisioning a Mated Application Page 82](#)
- [Removing a Mated Application Page 85](#)
- [Changing a Mated Application Page 88](#)
- [Adding a Global Title Translation Page 91](#)
- [Removing a Global Title Translation Page 99](#)
- [Changing a Global Title Translation Page 100](#)

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*.

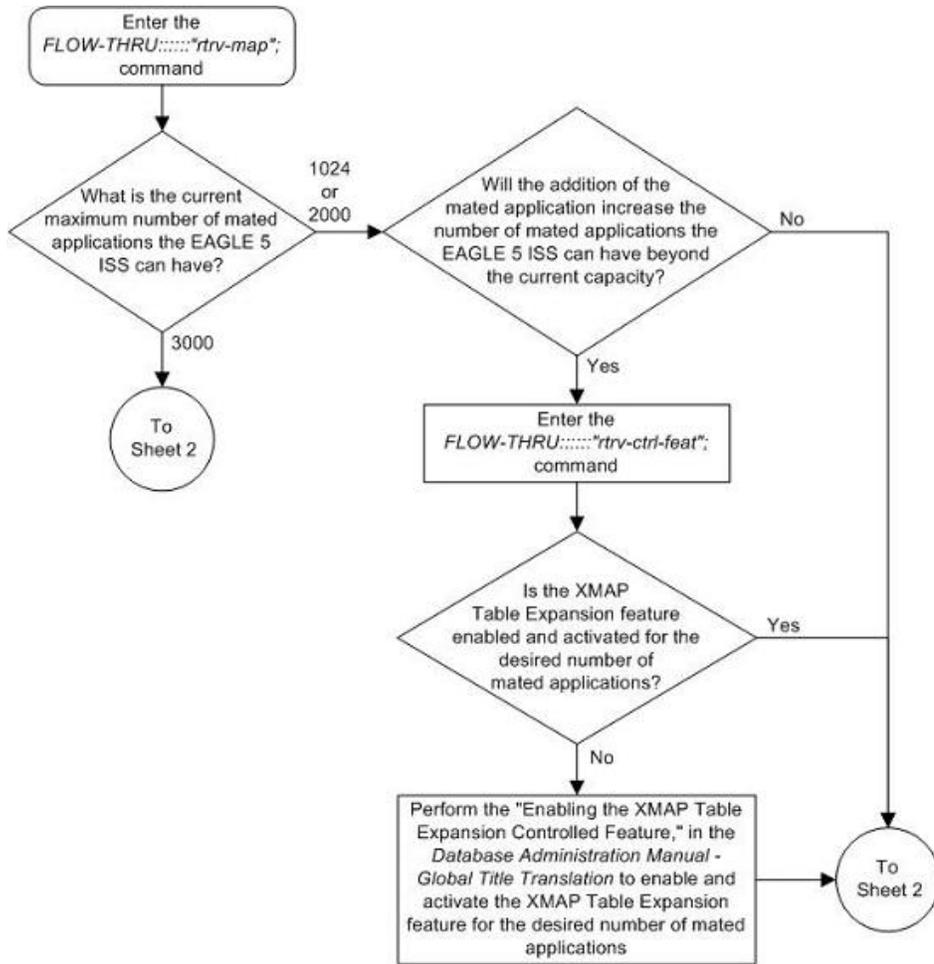
If you wish to use the `pci`, `pcn`, `pcn24`, `mpci`, `mpcn`, `mpcn24`, `srn`, `grp`, `mrc`, `rc`, `materc`, , or `mapset`, `wt`, `mwt`, or `thr` parameters of the EAGLE 5 ISS's `ent-map` command, the subsystem assigned to the mated application is the LNP, INP, V-Flex, ATINPQ, or EIR subsystem, or you 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.

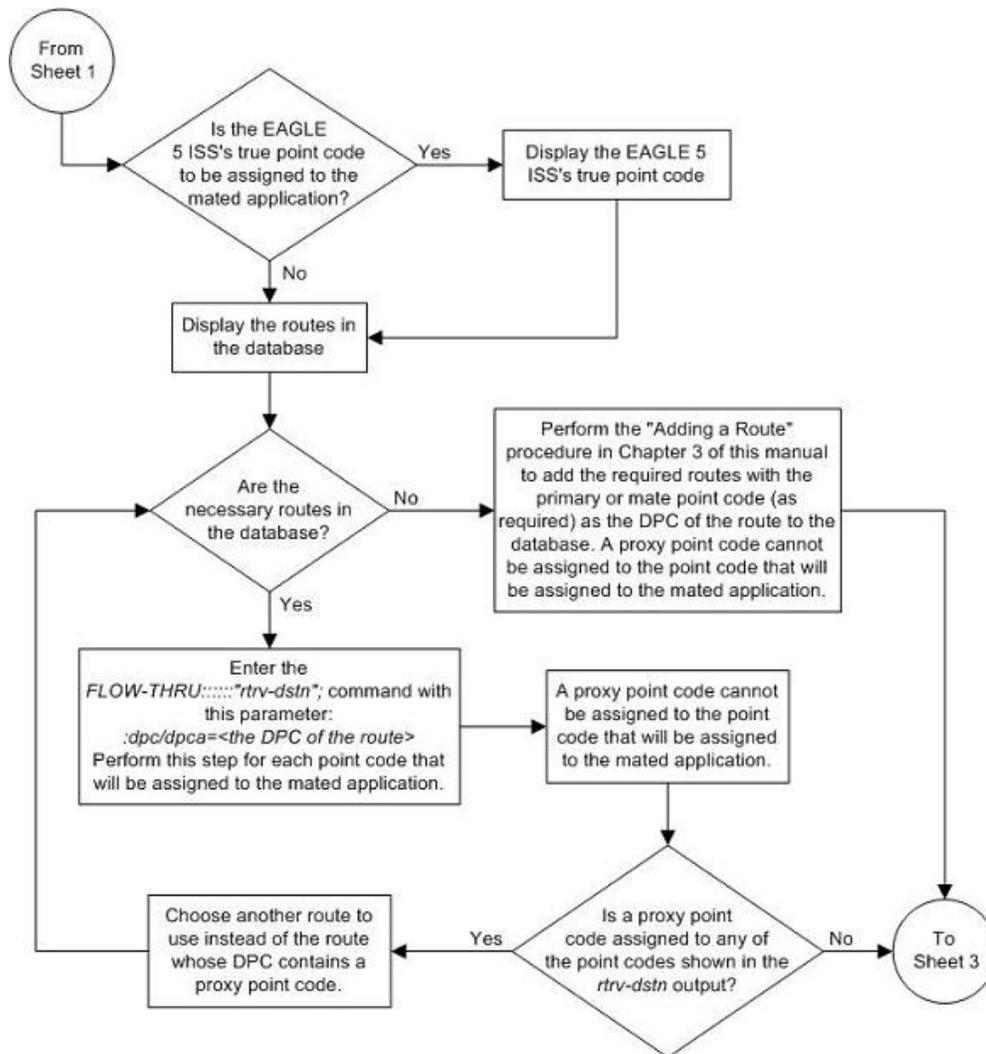
Mated application groups in the EAGLE 5 ISS database can contain up to 32 entries, the primary point code, and up to 31 mate point codes. SEAS allows the user to configure only two entries for each MAP group. To add more entries to the MAP group, up to 30, after performing this procedure, perform one 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.

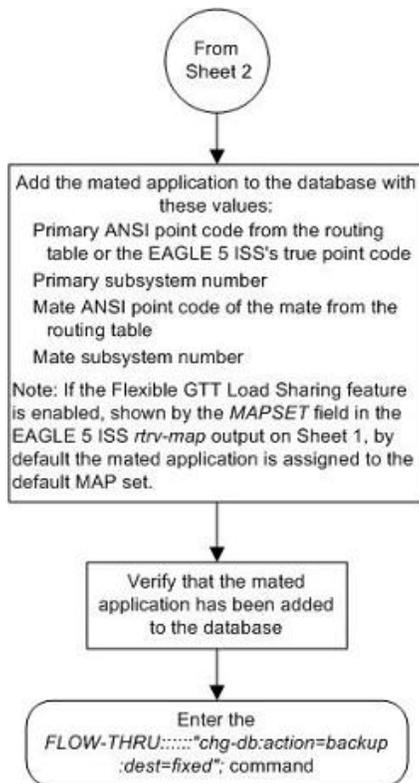
If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-map` output, by default the mated application is assigned to the default MAP set. To assign a mated application to a MAP set other than the default MAP set, perform one of the "Provisioning a Mated 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.

### Figure 16: Provisioning a Mated Application







## 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`, or `mapset` 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.

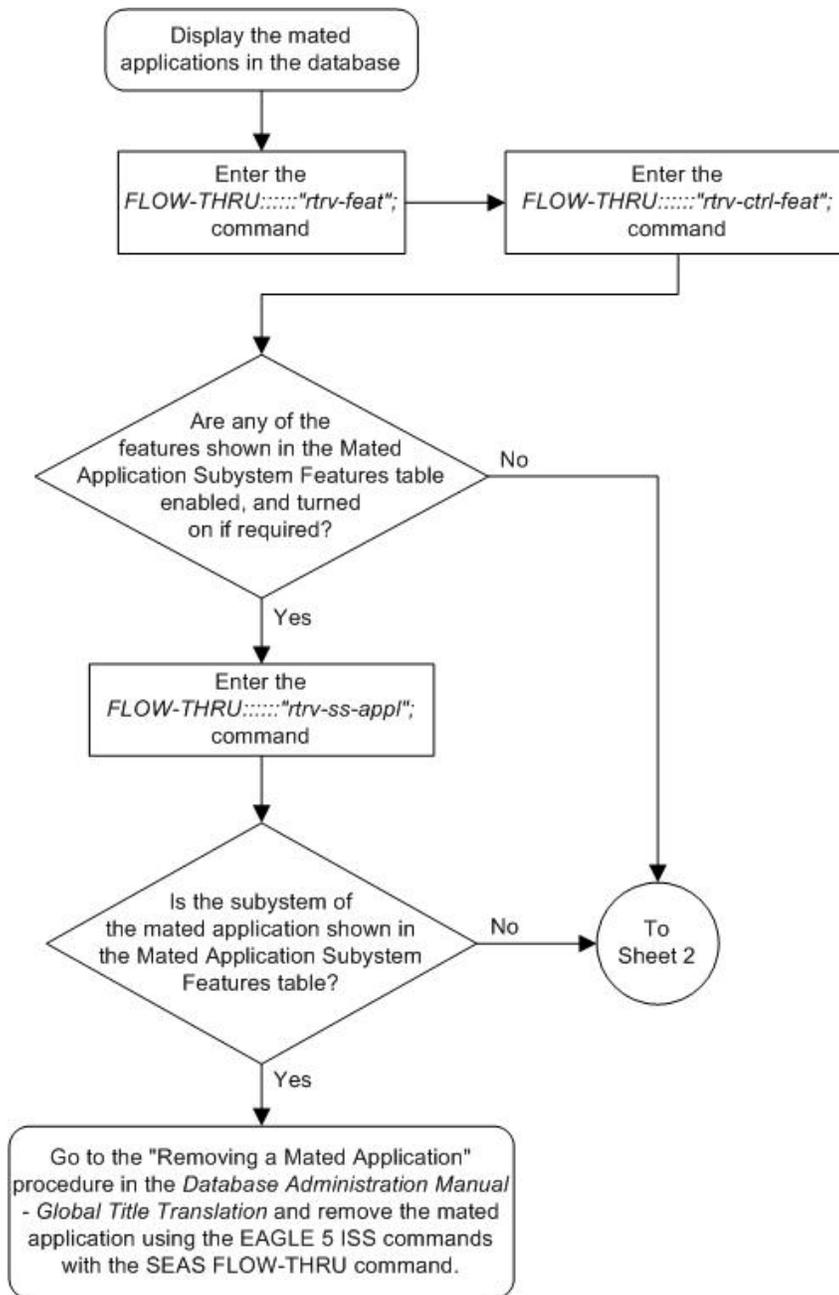
The EAGLE 5 ISS's point code and subsystem can be assigned to the mated application. If the mated application contains EAGLE 5 ISS's point code and the subsystem shown in [Table 11: Mated Application Subsystem Features](#) on page 86, perform the “Removing a Mated Application” procedure

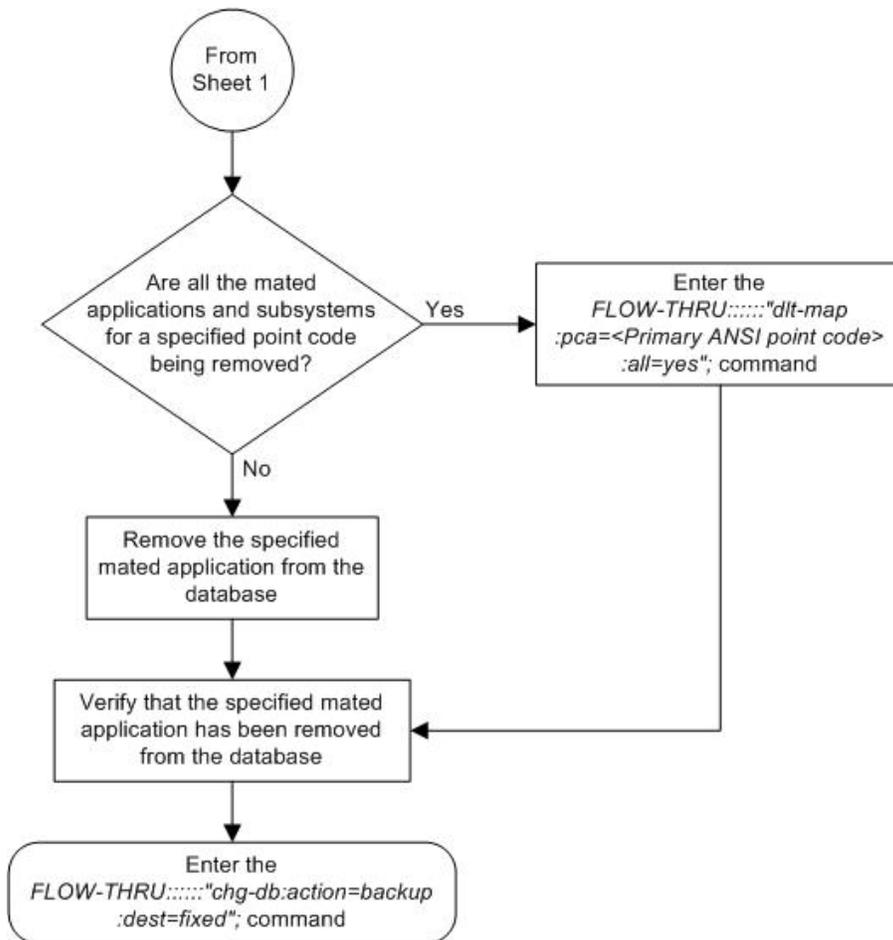
in the *Database Administration Manual - Global Title Translation* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

**Table 11: 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

**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`, `srn`, `grp`, `mrc`, `rc`, `materc`, , or `mapset`, `eswt`, `wt`, `mwt`, `grpwt`, or `thr` 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, or INP subsystem, perform the "Changing 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 you plan to change the existing MAP group to another type of MAP group, perform the “Changing 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 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 on this procedure, see “Changing a Mated Application” in the *Database Administration Manual - Global Title Translation*.

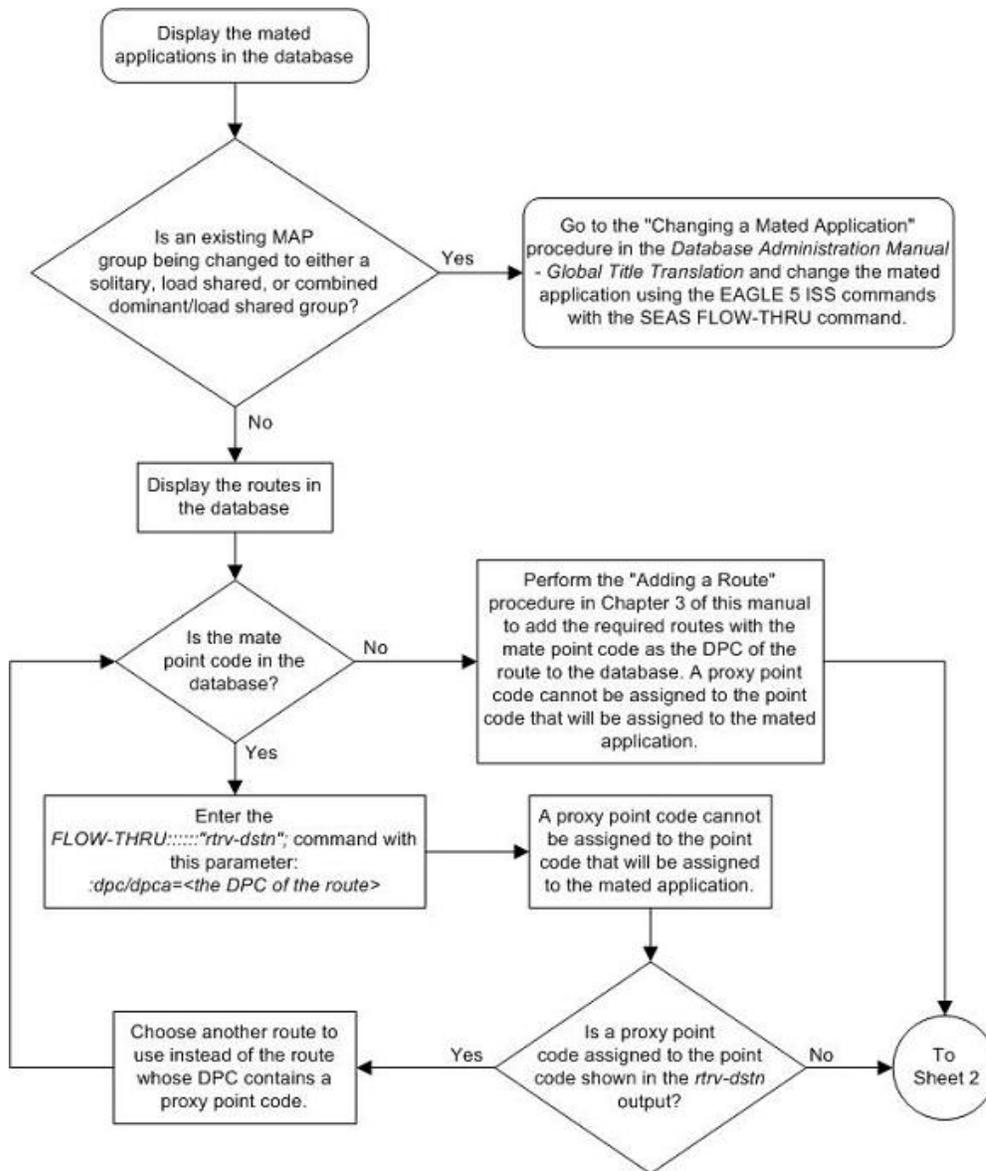
No new entries can be added to a mated application group with this procedure. Mated application groups in the EAGLE 5 ISS database can contain up to 32 eight entries, the primary point code, and up to 31 seven mate point codes. SEAS allows the user to configure only two entries for each MAP group. To 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.

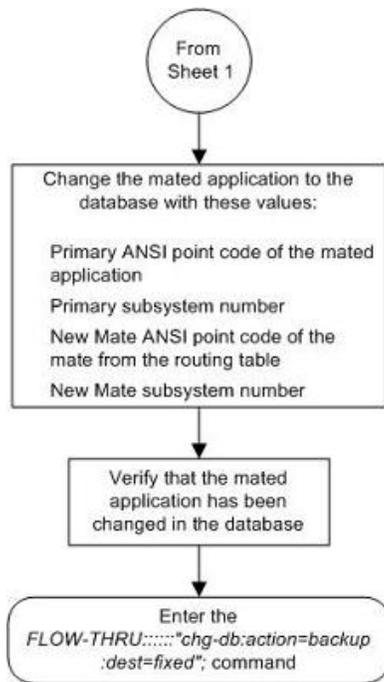
If the Flexible GTT Load Sharing feature is enabled, only entries in the default MAP set are displayed from the SEAS terminal. Performing this procedure changes only mated application entries in the default MAP set. To change entries in a MAP set other than the default MAP set, perform the “Changing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

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-tt`, `rtrv-gtt`, `rtrv-ctrl-feat`, `rtrv-dstn`, 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`, `typen`, `typen24`, `pci`, `pcn`, `pcn24`, `ttn`, `xlat`, `ngt`, `force`, `nnp`, `nnai`, `npdd`, `npds`, `nsdd`, `nsds`, `ngti`, `mrnset`, `mapset`, `loopset`, or `cggmod`.

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 12: SEAS and EAGLE 5 ISS Global Title Translation Parameter Conversion](#) on page 92.

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 12: 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*

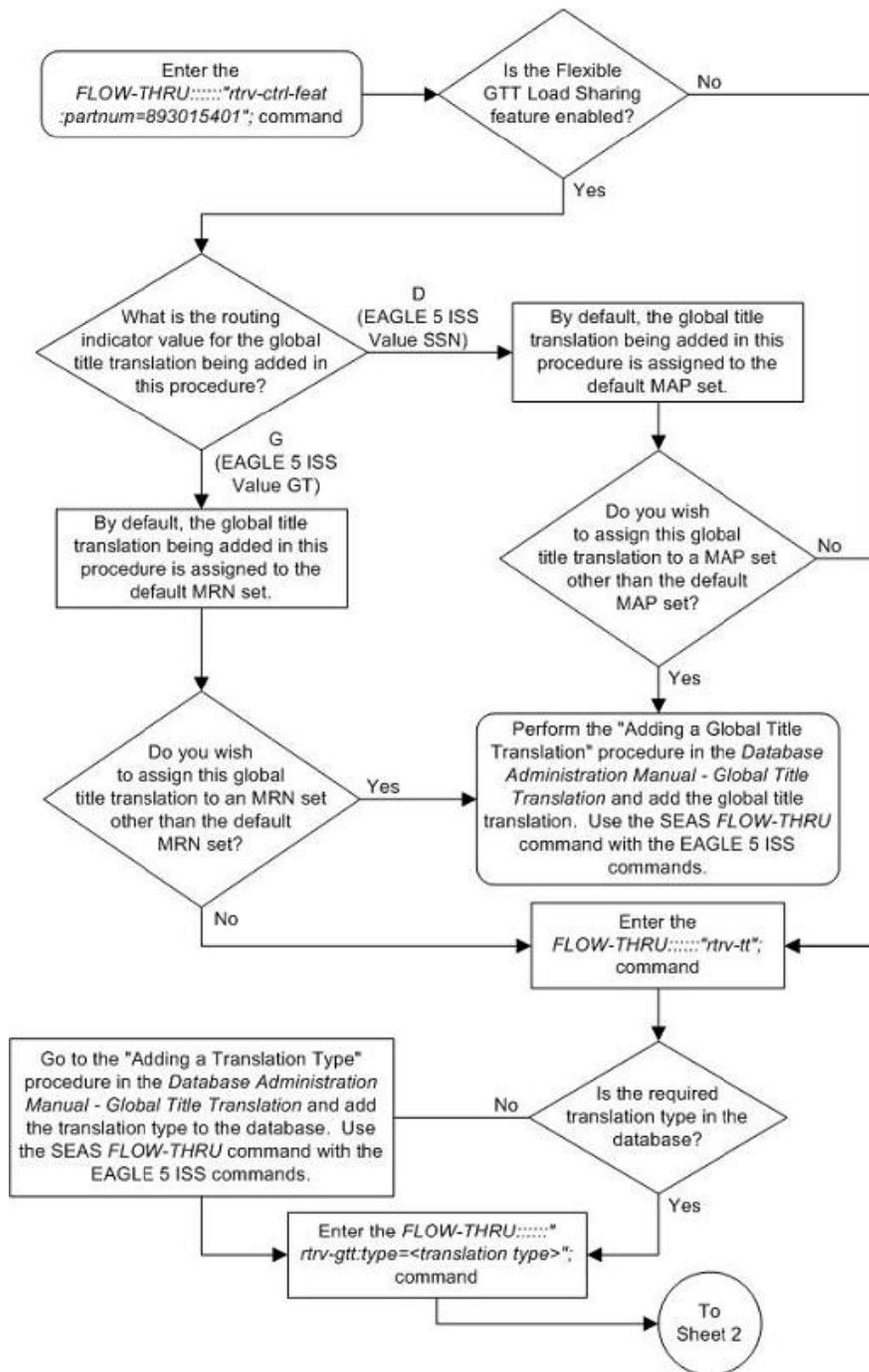
\* The MSU being translated already contains the subsystem number. The DPC is translated and replaced, and the existing subsystem number in the MSU is unchanged and routed based on the new DPC and the existing subsystem number.

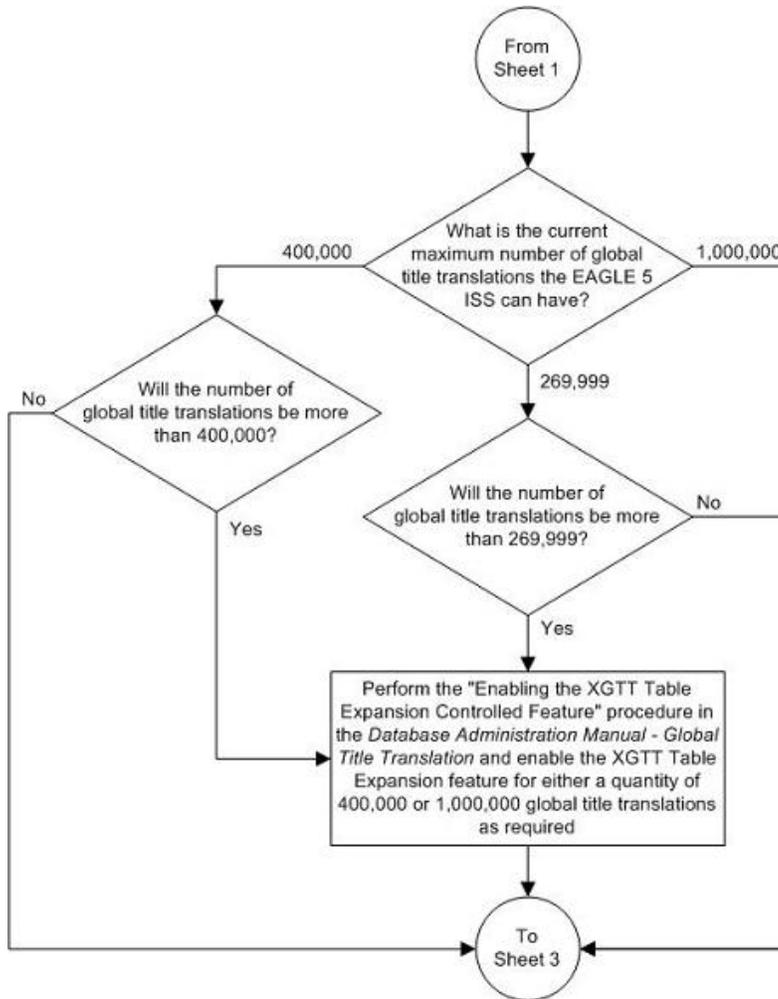
General Notes:

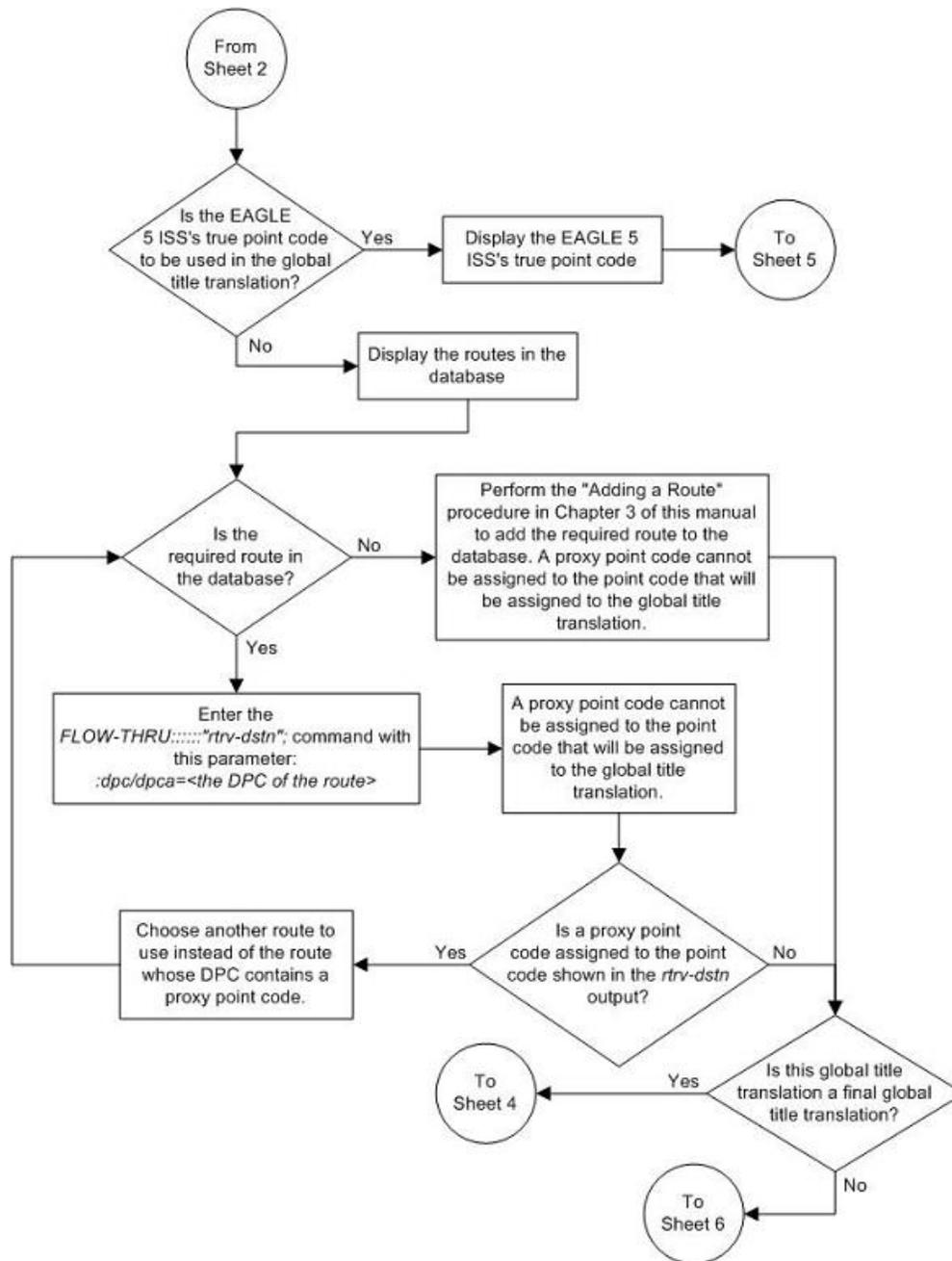
- The SEAS RI=G parameter denotes global title routing, further global title translation is required.
- The SEAS RI=D parameter denotes DPC routing, no further global title translation is required.
- The EAGLE 5 ISS RI=GT parameter denotes further global title translation is required and uses MTP routing.
- 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.

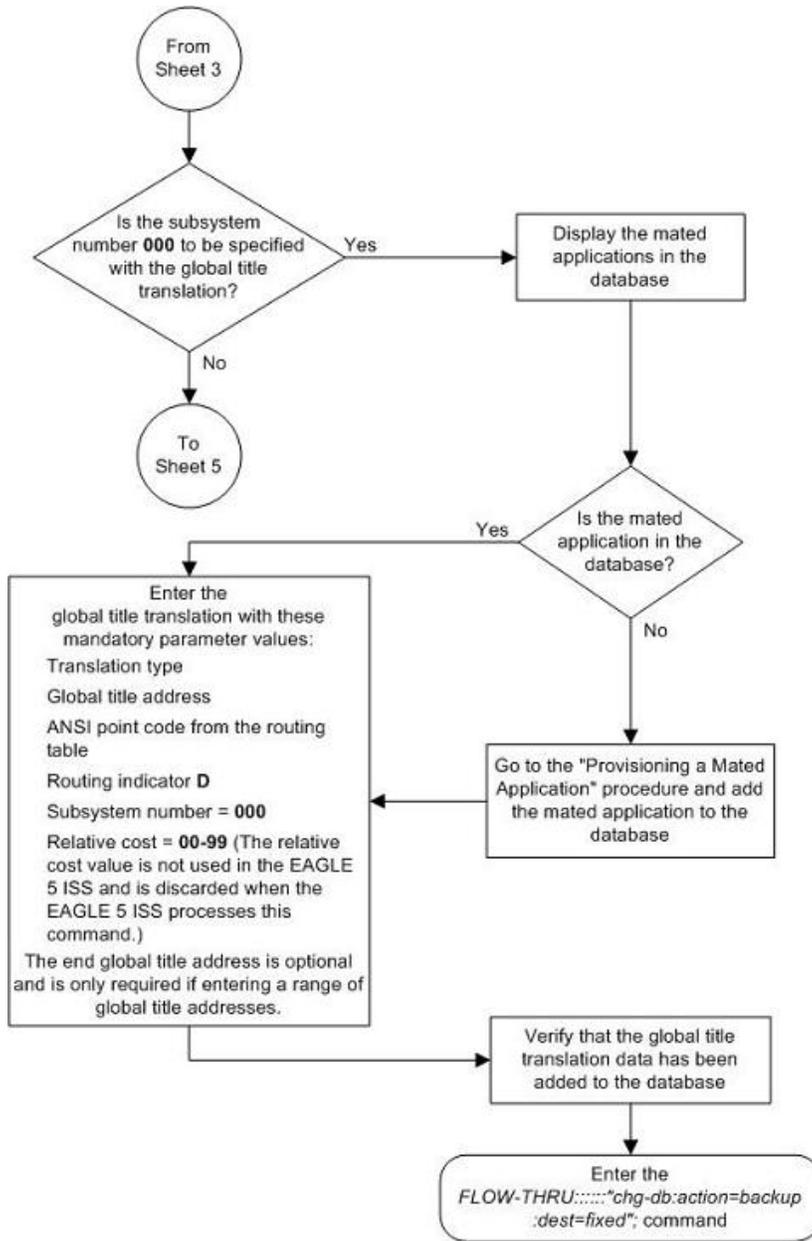
<b>RI</b> <b>SEAS GTT</b> <b>Parameter</b>	<b>DPC</b> <b>SEAS GTT</b> <b>Parameter</b>	<b>SSN</b> <b>SEAS GTT</b> <b>Parameter</b>	<b>XLAT</b> <b>EAGLE 5</b> <b>ISS GTT</b> <b>Parameter</b>	<b>RI</b> <b>EAGLE 5</b> <b>ISS GTT</b> <b>Parameter</b>	<b>PC/PCA</b> <b>EAGLE 5</b> <b>ISS GTT</b> <b>Parameter</b>	<b>SSN</b> <b>EAGLE 5</b> <b>ISS GTT</b> <b>Parameter</b>
<ul style="list-style-type: none"> <li>The EAGLE 5 ISS XLAT=DPCNGT parameter indicates that the DPC, RI, &amp; TT values in the MSU are to be replaced.</li> </ul>						

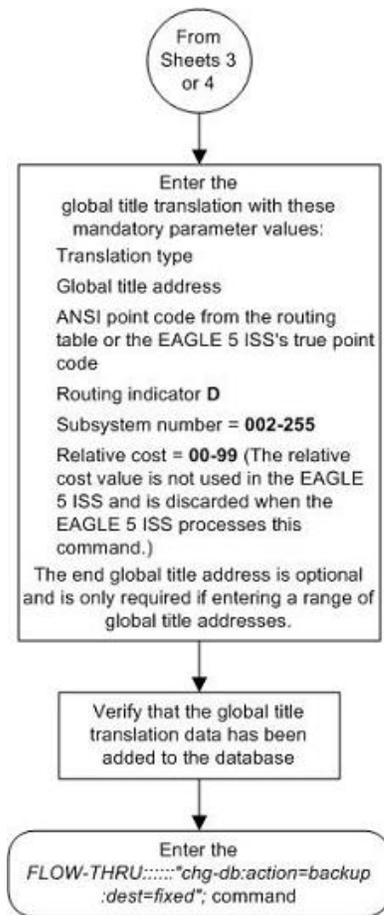
Figure 19: Adding a Global Title Translation

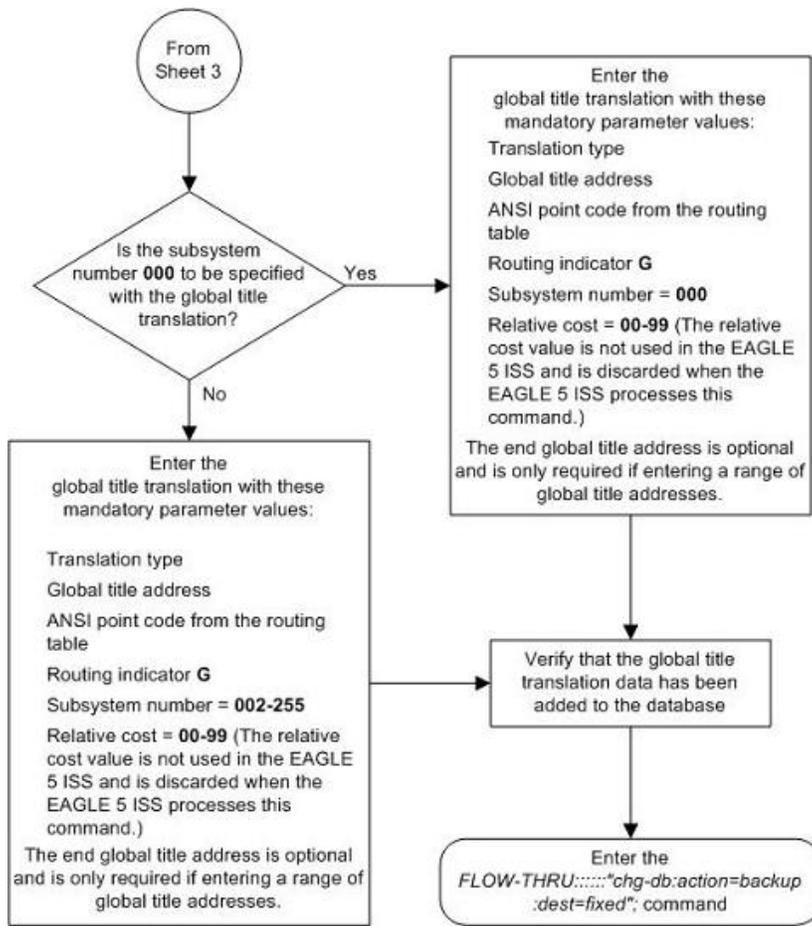












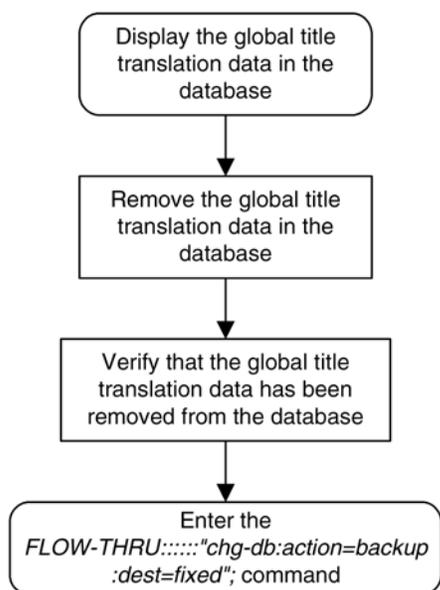
## Removing a Global Title Translation

This procedure is used to remove a global title translation from the database. This procedure uses the EAGLE 5 ISS command `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`, `typen`, `typen24`, or `ttn` parameter of the EAGLE 5 ISS's `dlr-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.

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



## 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-tt`, `rtrv-dstn`, 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`, `typen`, `typen24`, `pci`, `pcn`, `pcn24`, `ttn`, `xlat`, `ngt`, `force`, `nnp`, `nnai`, `npdd`, `npds`, `nsdd`, `nsds`, `ngti`, `rmgtt`, `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 13: SEAS and EAGLE 5 ISS Global Title Translation Parameter Conversion](#) on page 101.

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

**Table 13: 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*

\* 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.

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
<ul style="list-style-type: none"> <li>The EAGLE 5 ISS XLAT=DPCNGT parameter indicates that the DPC, RI, &amp; TT values in the MSU are to be replaced.</li> </ul>						

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.

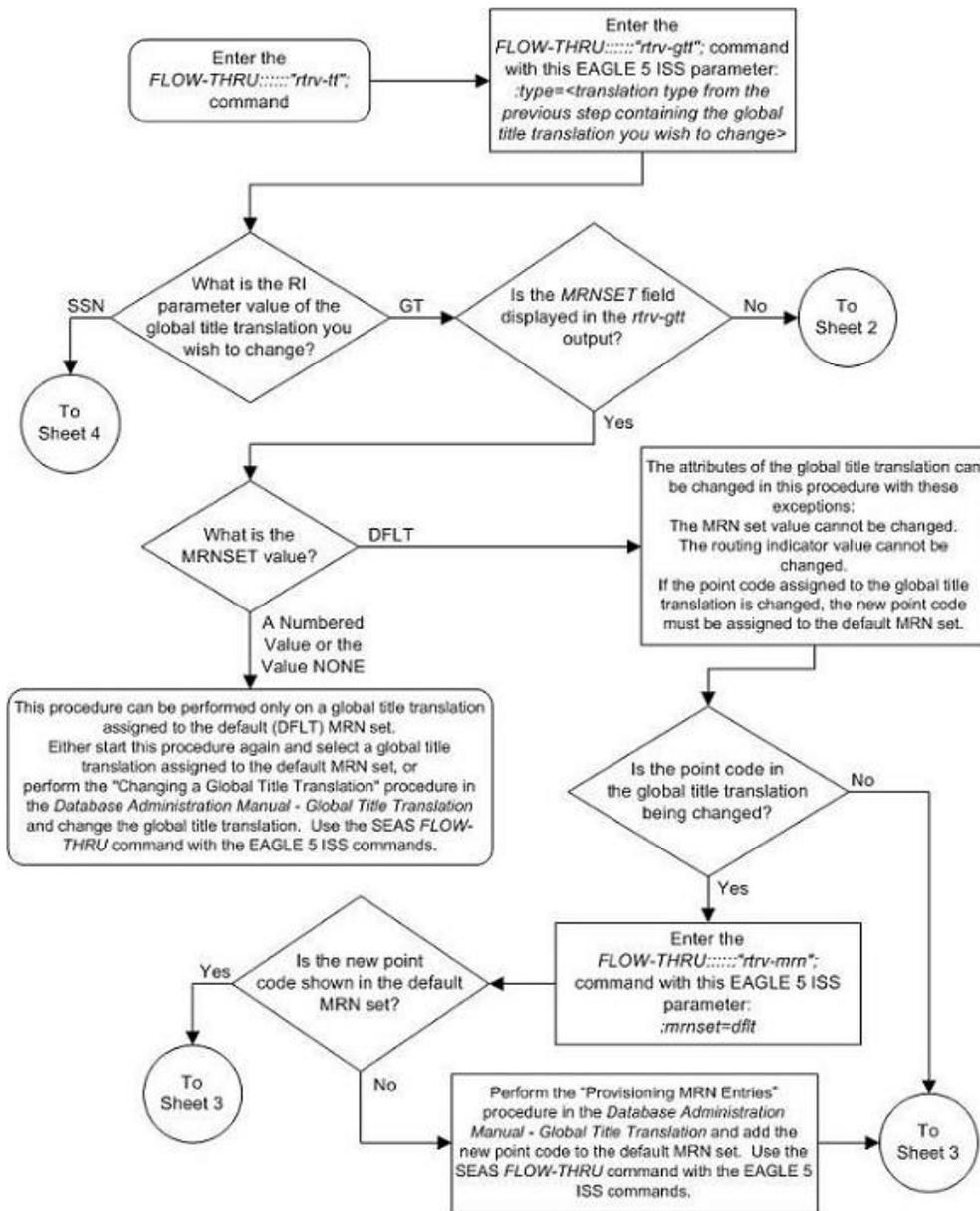
For example, a global title translation contains this range of global title addresses: 9194600000 - 9194603000. The range of global title addresses can be extended to 9194604500 by specifying an end global title address value of 9194604500 parameter with the SEAS CHG-GTT command. However, if another 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.

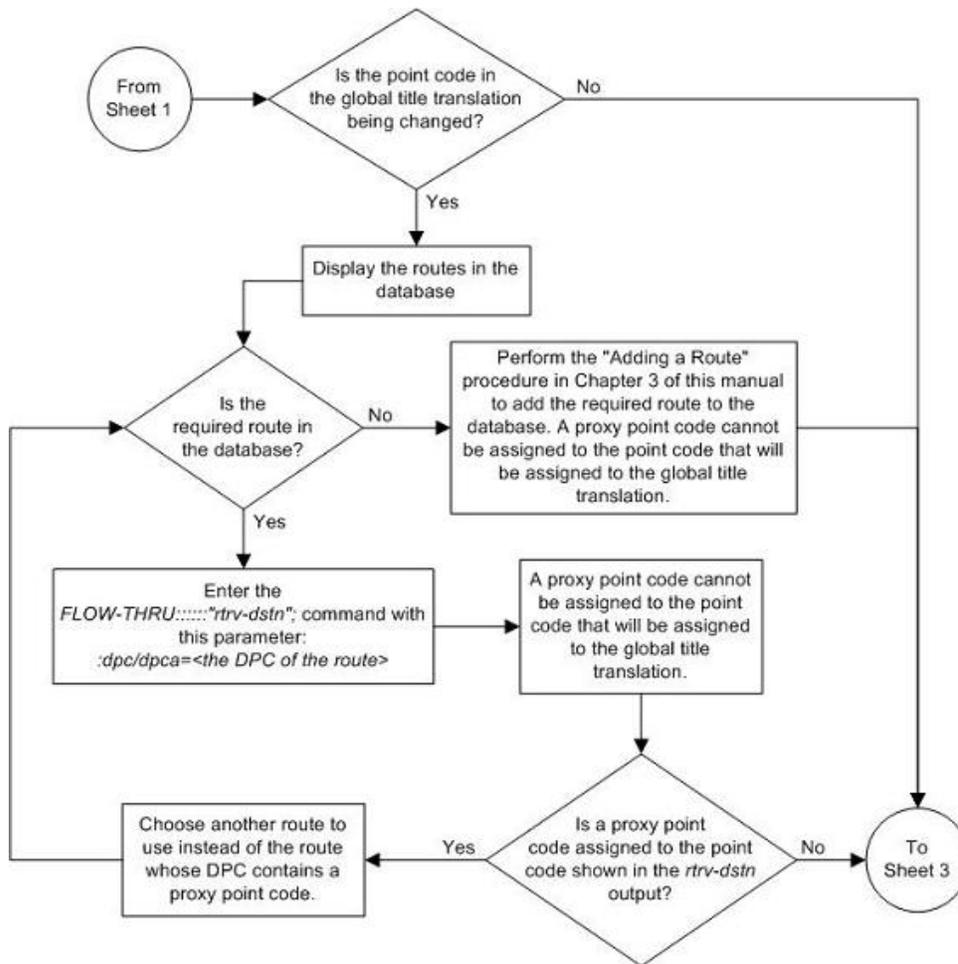
Using the same example, the range of global title addresses can be reduced to 9194600000 - 9194601500 by specifying the end global title address value of 9194601500 with the SEAS CHG-GTT command. The new range must lie inside of the original range. You cannot create the range 9194595000 - 9194600000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

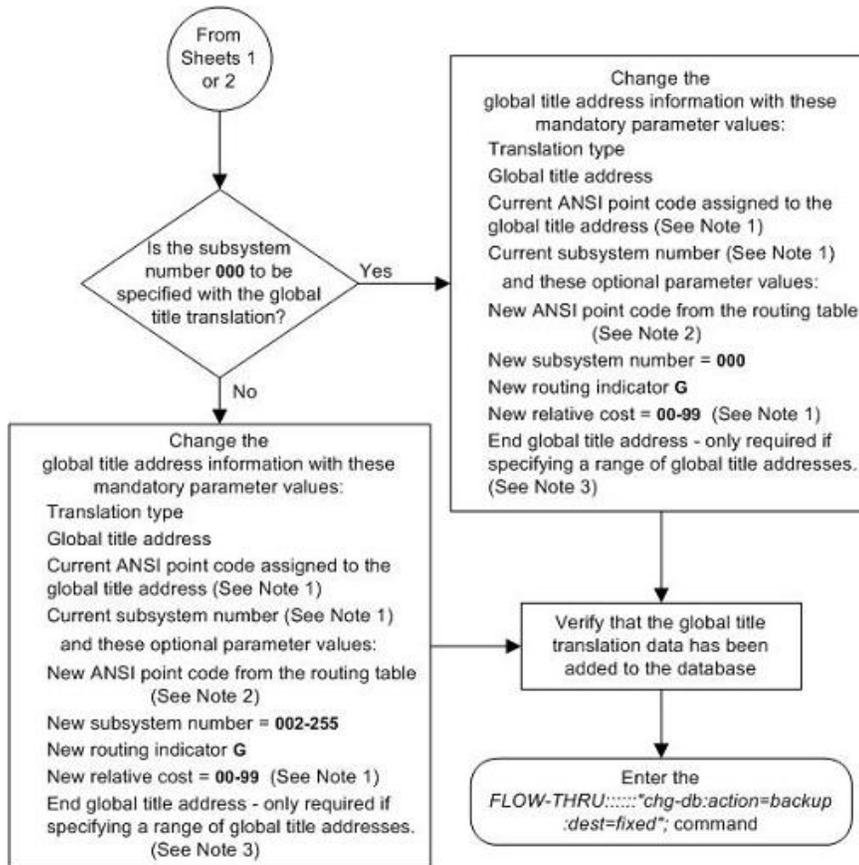


**CAUTION:** Changes to the range of global title addresses occur only if the both the global title address and end global title address parameters are specified and the values for either of these parameters, or both parameters are different from the original values in the global title translation. If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

**Figure 21: Changing a Global Title Translation**



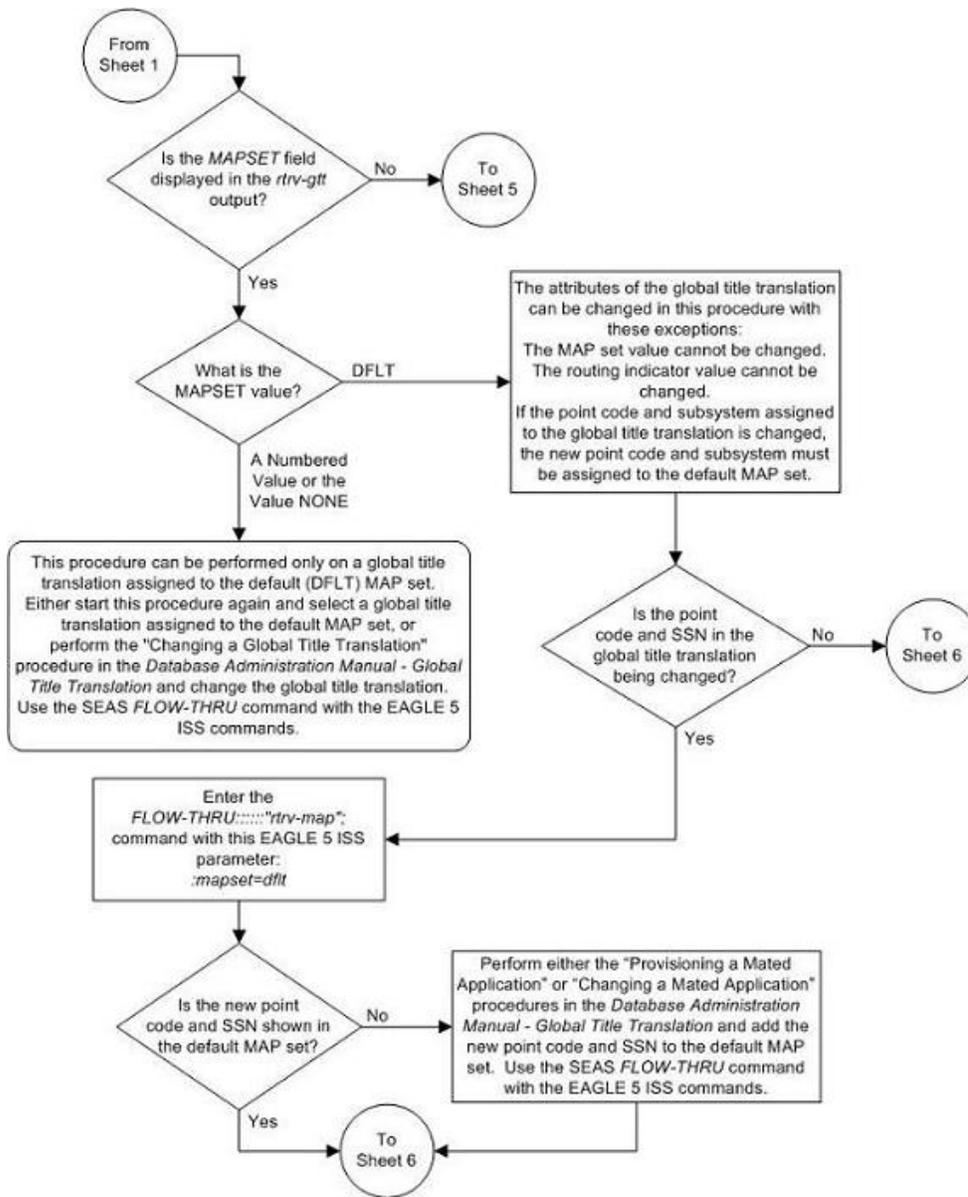


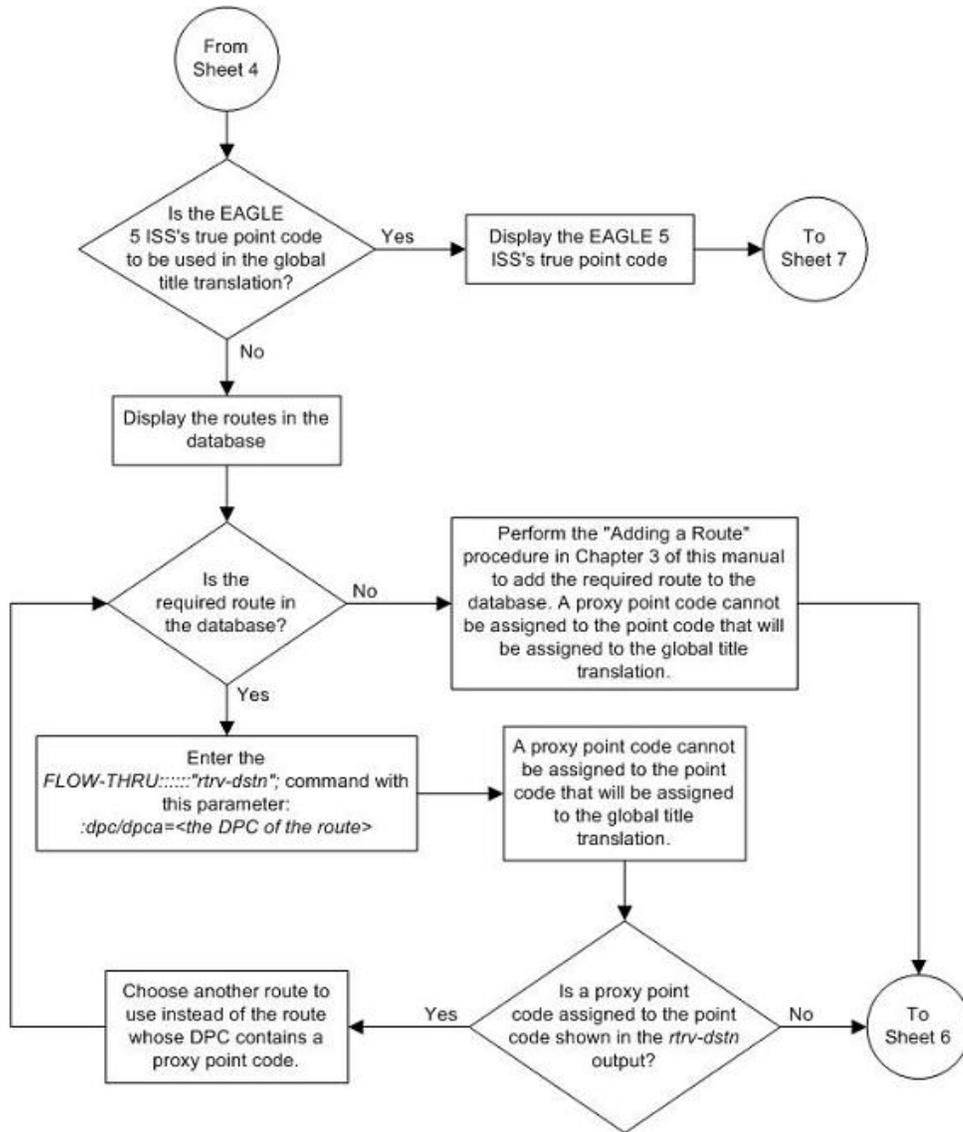


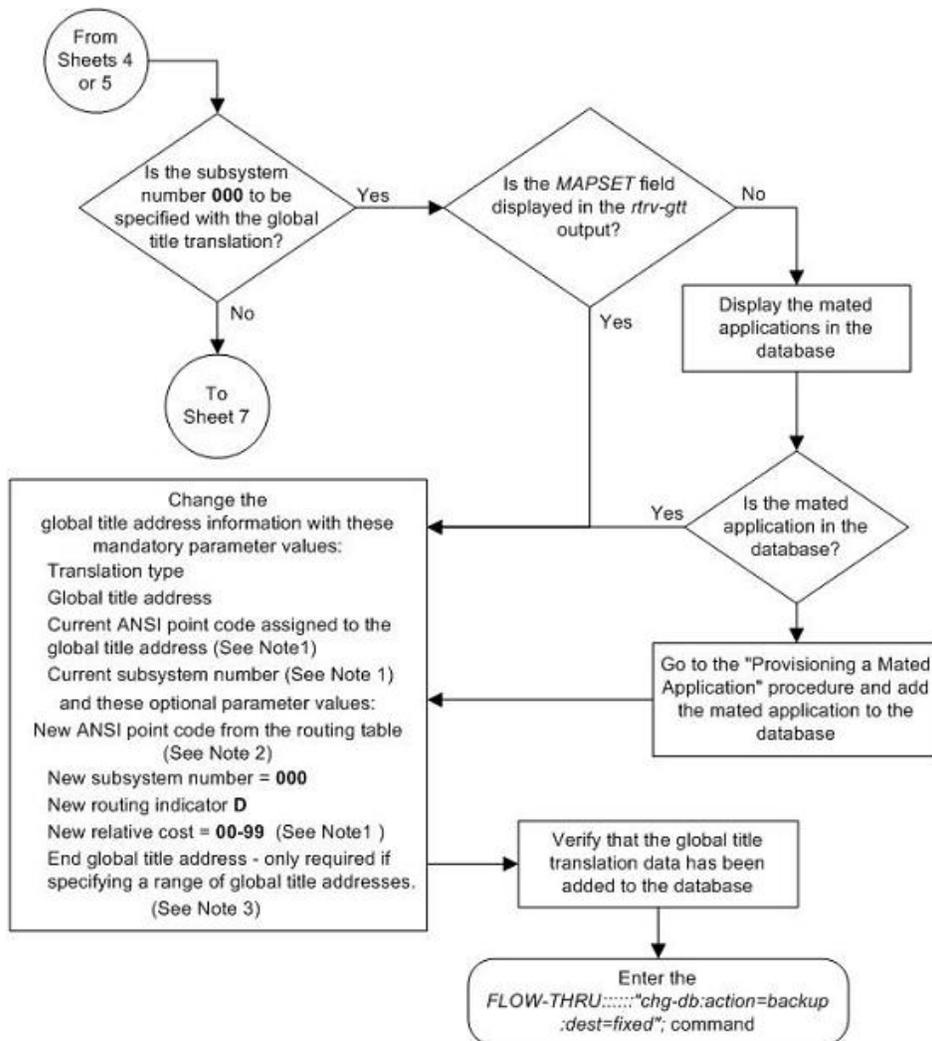
Notes:

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 *rtv-gtt* output on Sheet 1) the new point code must be assigned to the default MRN set (shown in the *rtv-mrn* output on Sheet 1). 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.



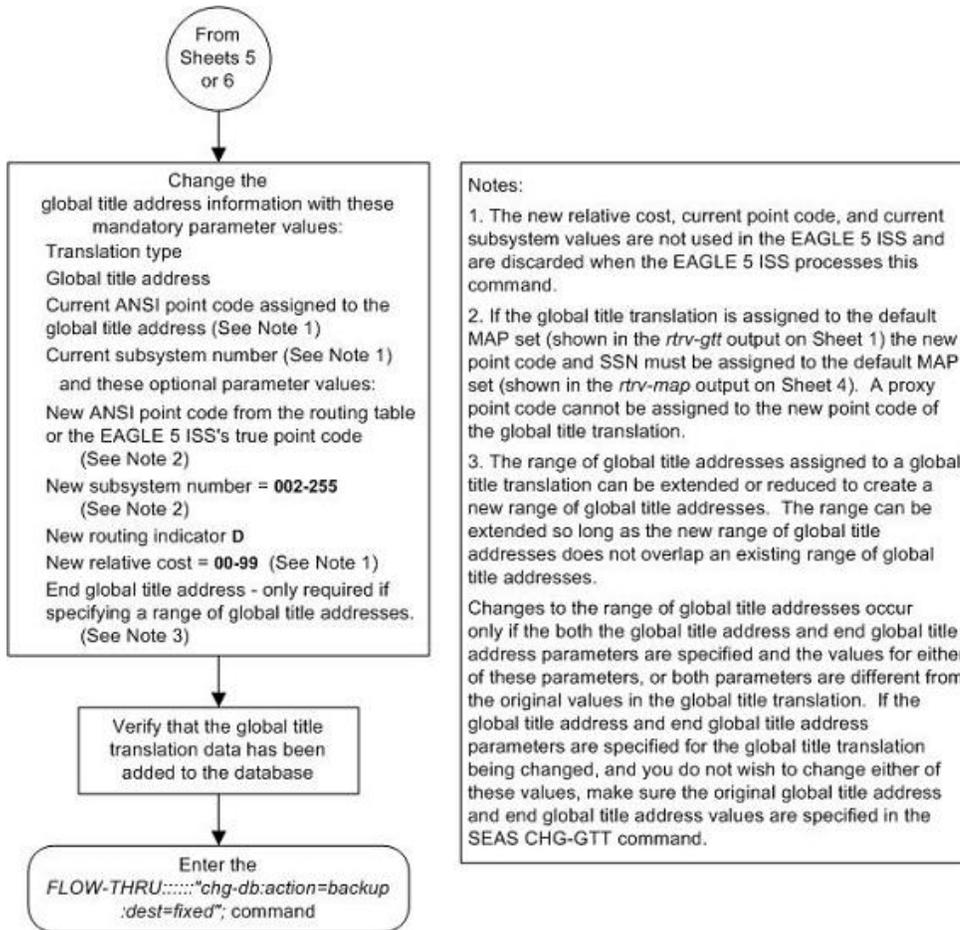




Notes:

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 4). 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.





# Chapter 5

## Gateway Screening (GWS) Configuration

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### Topics:

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- [Removing an Allowed Affected Point Code Screen](#)  
Page 114
- [Changing an Allowed Affected Point Code Screen](#)  
Page 115
- [Adding an Allowed Called Party Address Screen](#)  
Page 116
- [Removing an Allowed Called Party Address Screen](#)  
Page 118
- [Changing an Allowed Called Party Address Screen](#)  
Page 121
- [Adding an Allowed Translation Type Screen](#)  
Page 123
- [Removing an Allowed Translation Type Screen](#)  
Page 125
- [Changing an Allowed Translation Type Screen](#)  
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- [Adding an Allowed Calling Party Address Screen](#)  
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- [Removing an Allowed Calling Party Address Screen](#)  
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- [Changing an Allowed Calling Party Address Screen](#)  
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- [Adding an Allowed Affected Destination Field Screen](#)  
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- [Adding a Blocked DPC Screen](#)  
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- [Changing a Blocked DPC Screen](#)  
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- [Adding an Allowed DPC Screen](#)  
Page 157

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

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- *Changing an Allowed DPC Screen Page 166*
- *Adding an Allowed SIO Screen Page 171*
- *Removing an Allowed SIO Screen Page 178*
- *Changing an Allowed SIO Screen Page 181*
- *Adding a Blocked OPC Screen Page 188*
- *Removing a Blocked OPC Screen Page 194*
- *Changing a Blocked OPC Screen Page 196*
- *Adding an Allowed OPC Screen Page 201*
- *Removing an Allowed OPC Screen Page 207*
- *Changing an Allowed OPC Screen Page 208*
- *Adding a Gateway Linkset Page 214*
- *Removing a Gateway Linkset Page 225*
- *Changing a Gateway Linkset Page 226*
- *Setting the Threshold for Reporting Gateway Screening Activity Page 236*
- *Setting the Maximum Number of Gateway Screening Rejected Messages Page 237*
- *Adding an Allowed ISUP Message Type Screen Page 238*
- *Removing an Allowed ISUP Message Type Screen Page 239*
- *Changing an Allowed ISUP Message Type Screen Page 242*

## 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.

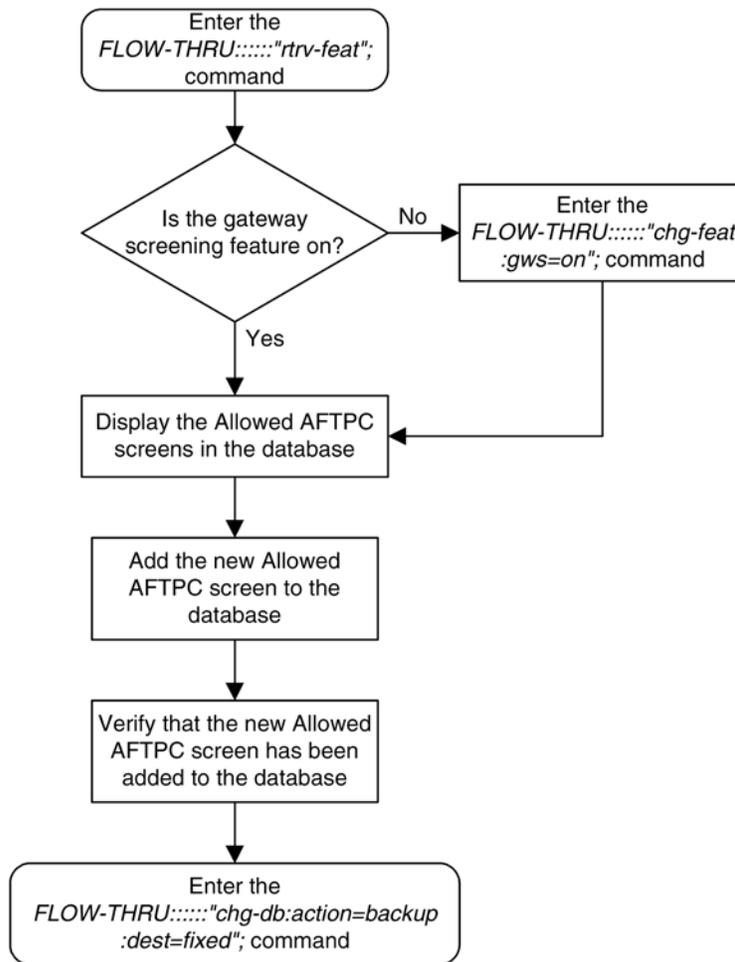
The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

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.

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

**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.



## Removing an Allowed Affected Point Code Screen

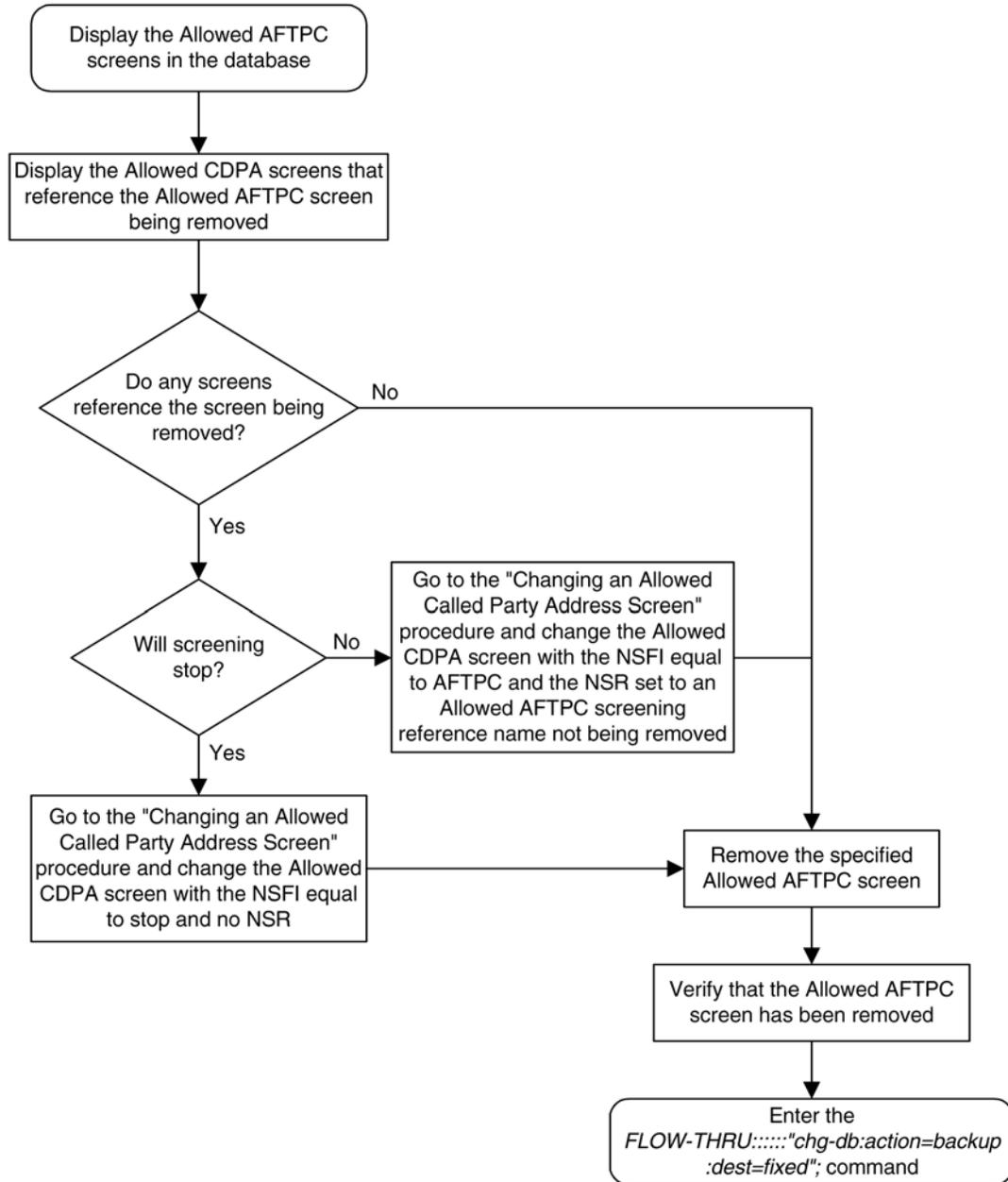
This procedure is used to remove an allowed affected point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Affected Point Code Screen" in the *Database Administration Manual - Gateway Screening*.

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

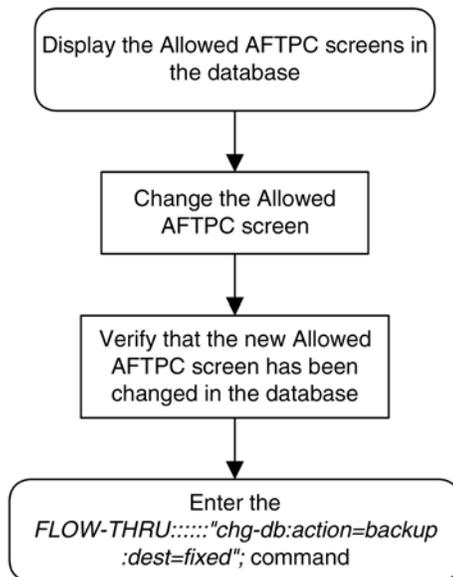
This procedure is used to change an allowed affected point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure,

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 `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 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 `rtvr-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.

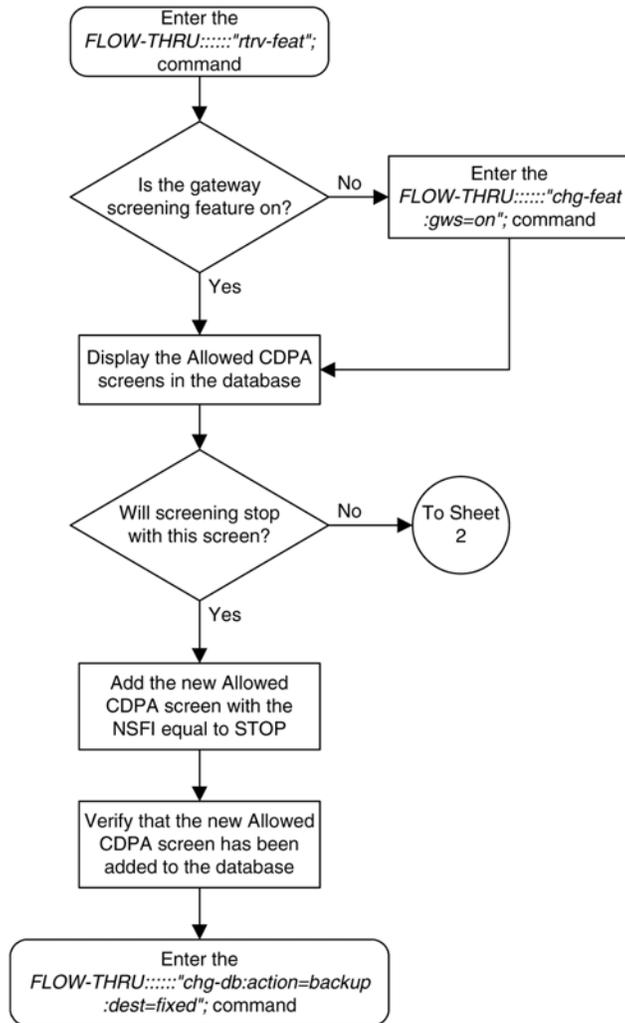
The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

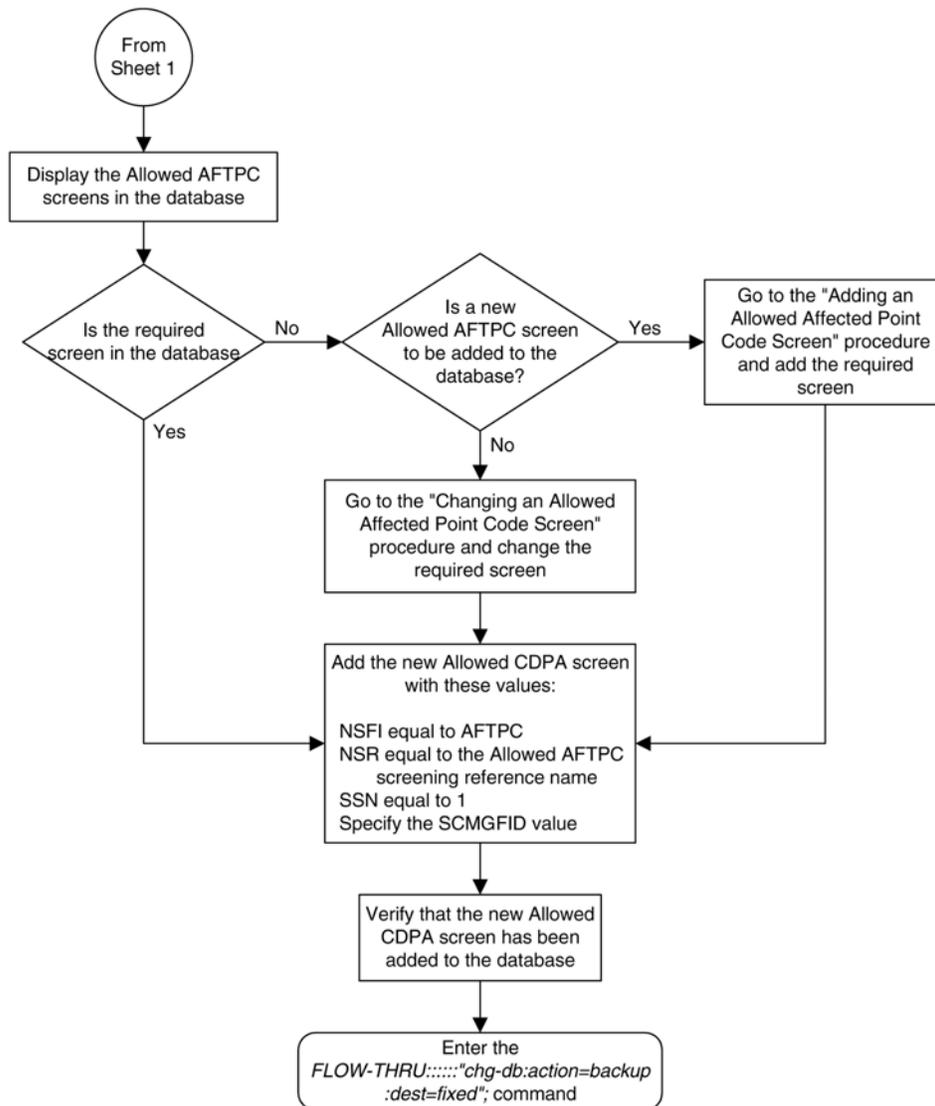
If you wish to use any of these items in adding the allowed called party address screen to the database, perform the "Adding an Allowed Called Party Address Screen" procedure in the Database *Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- 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.

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

**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.





## 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*.

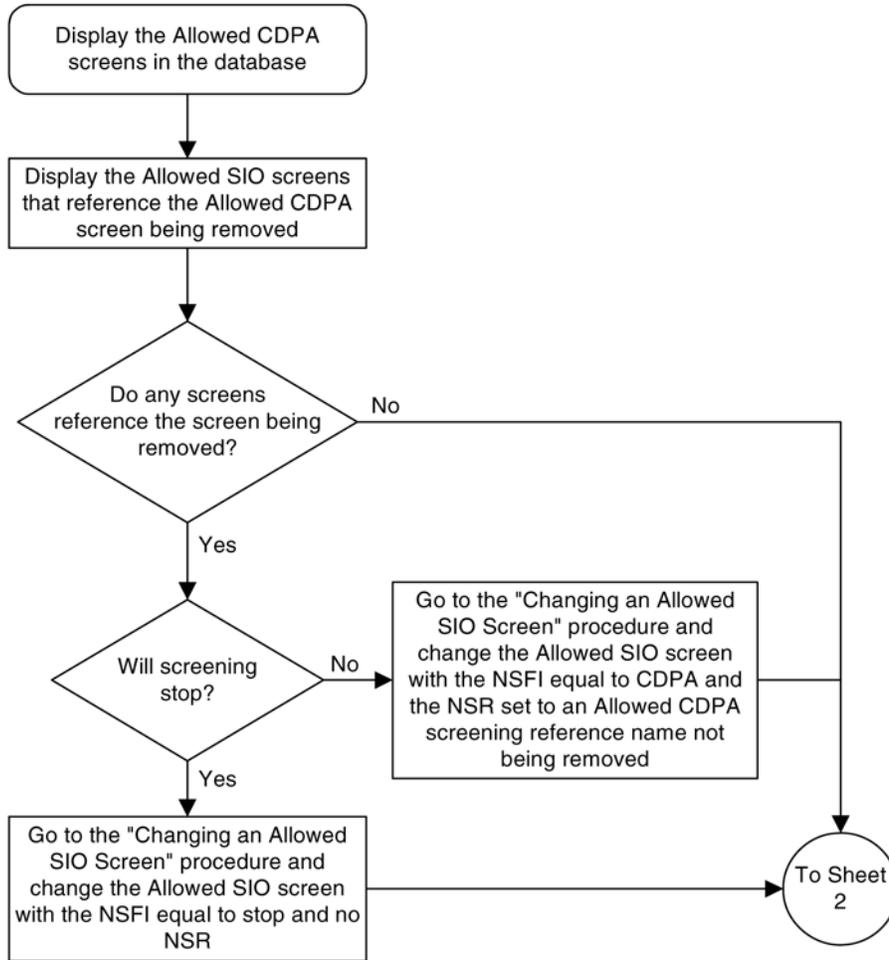
If any of the following items are used in removing the allowed called party address screen from the database, perform the "Removing an Allowed Called Party Address Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

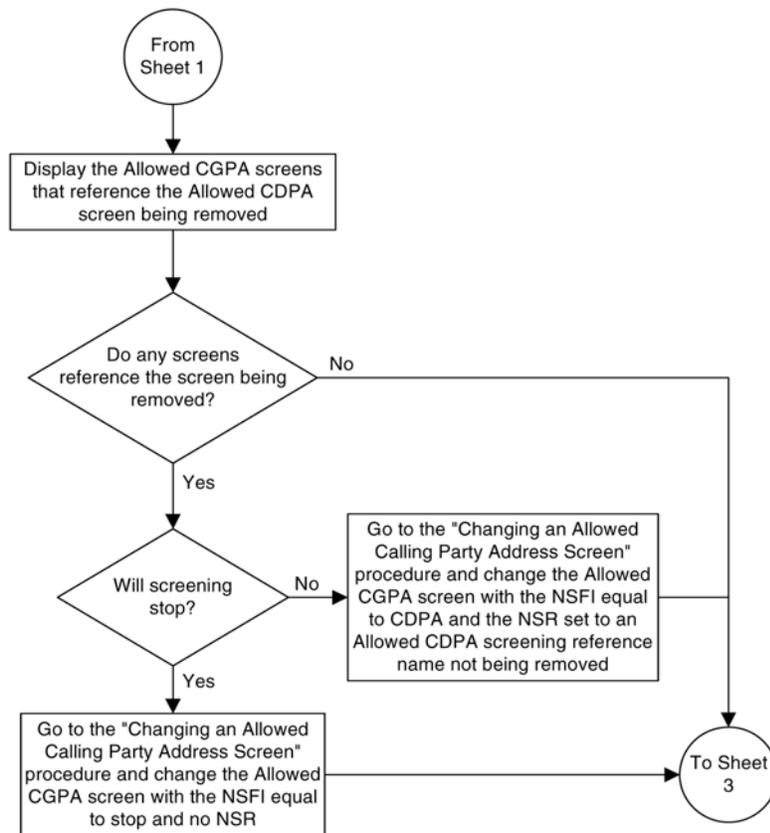
- If the allowed called party address screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the

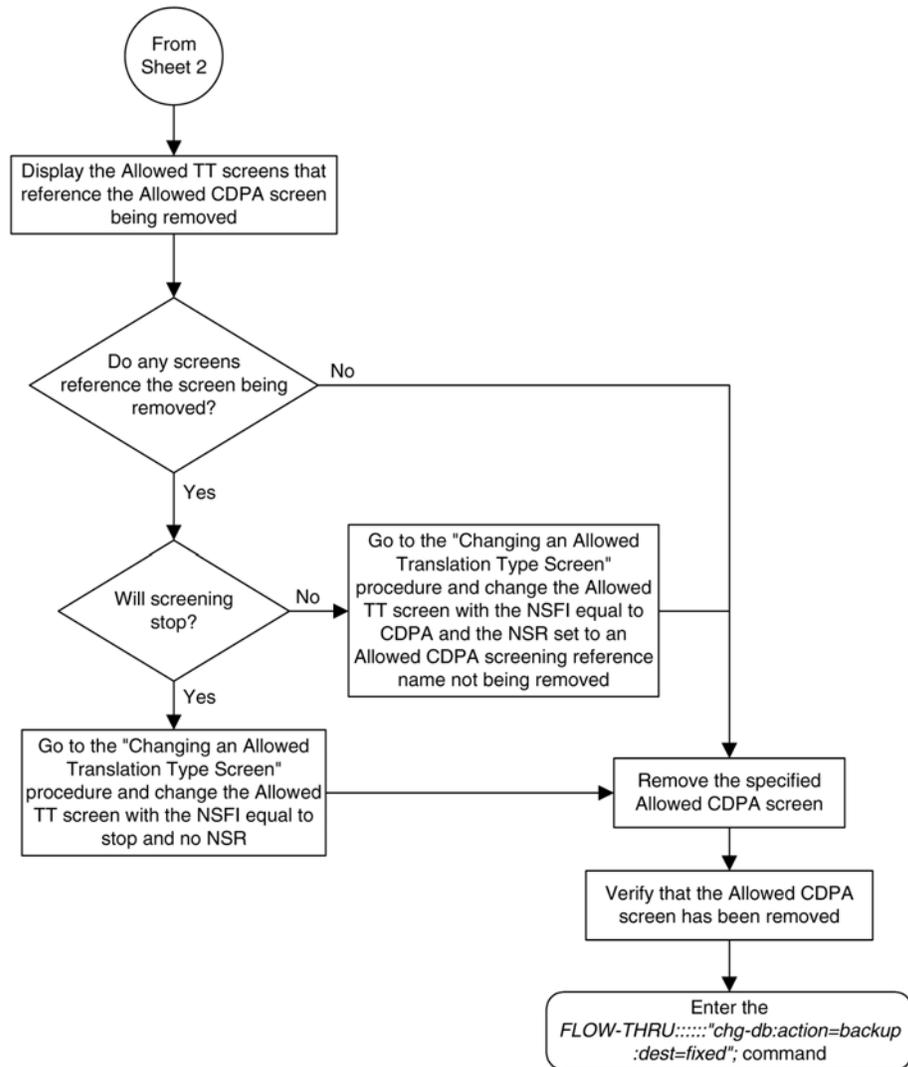
pcst parameter), or 24-bit ITU-N point codes. The pcst parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

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

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







## 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 `chg-db`. For more information on this procedure, see “Changing an Allowed Called Party Address Screen” in the *Database Administration Manual - Gateway Screening*.

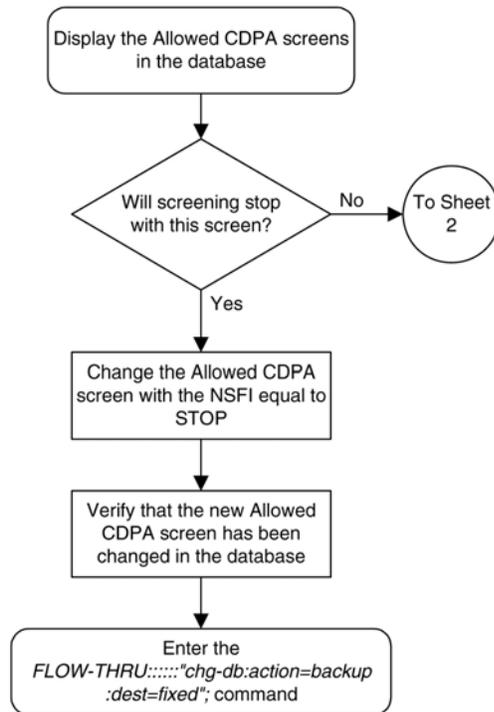
If any of the following items are used in changing the allowed called party address screen in the database, perform the “Changing an Allowed Called Party Address Screen” procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

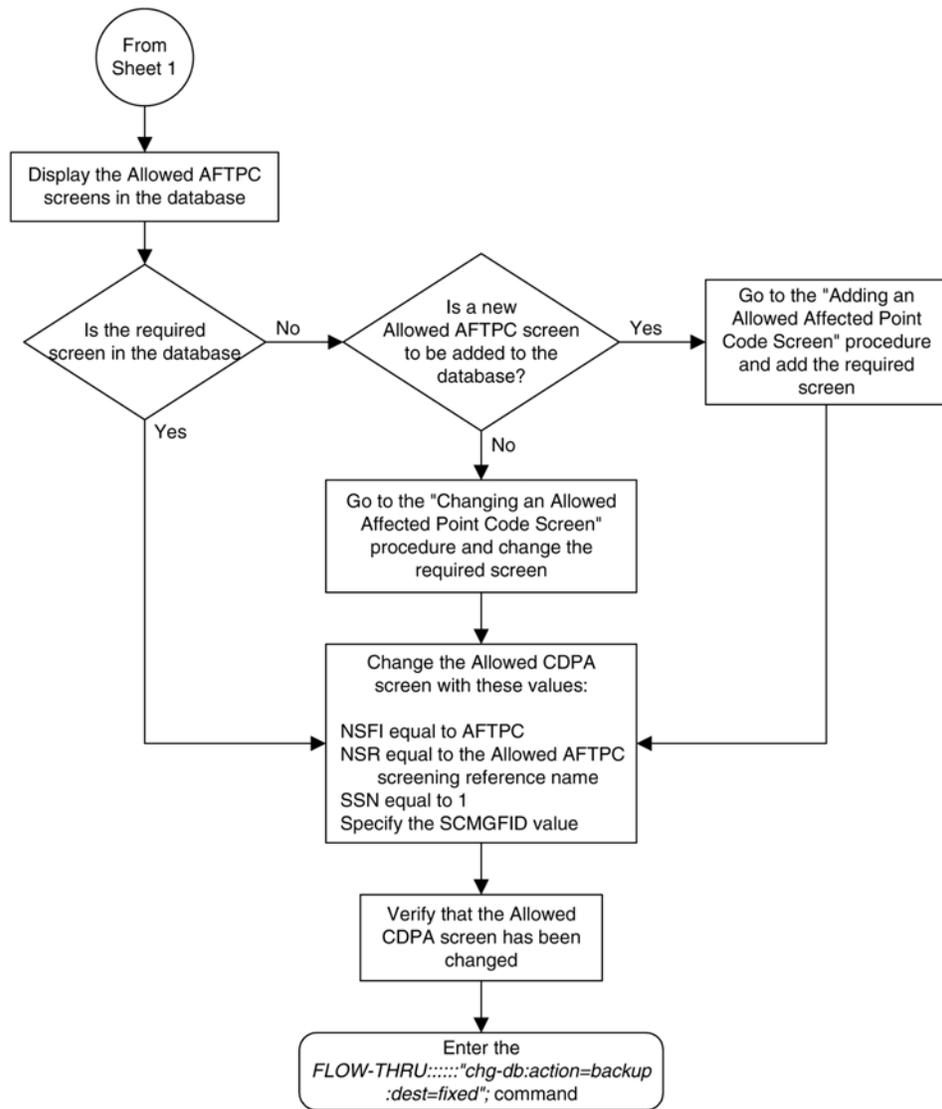
- If the allowed called party address screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without

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* .

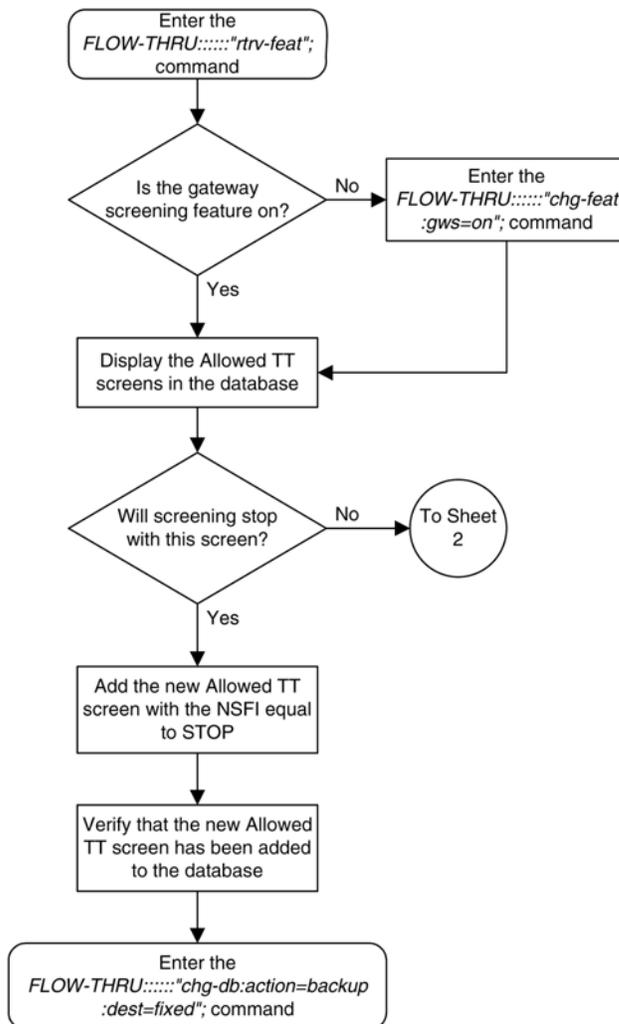
**Note:** Once the gateway screening feature is turned on with the `chg-feat` command, it cannot be turned off.

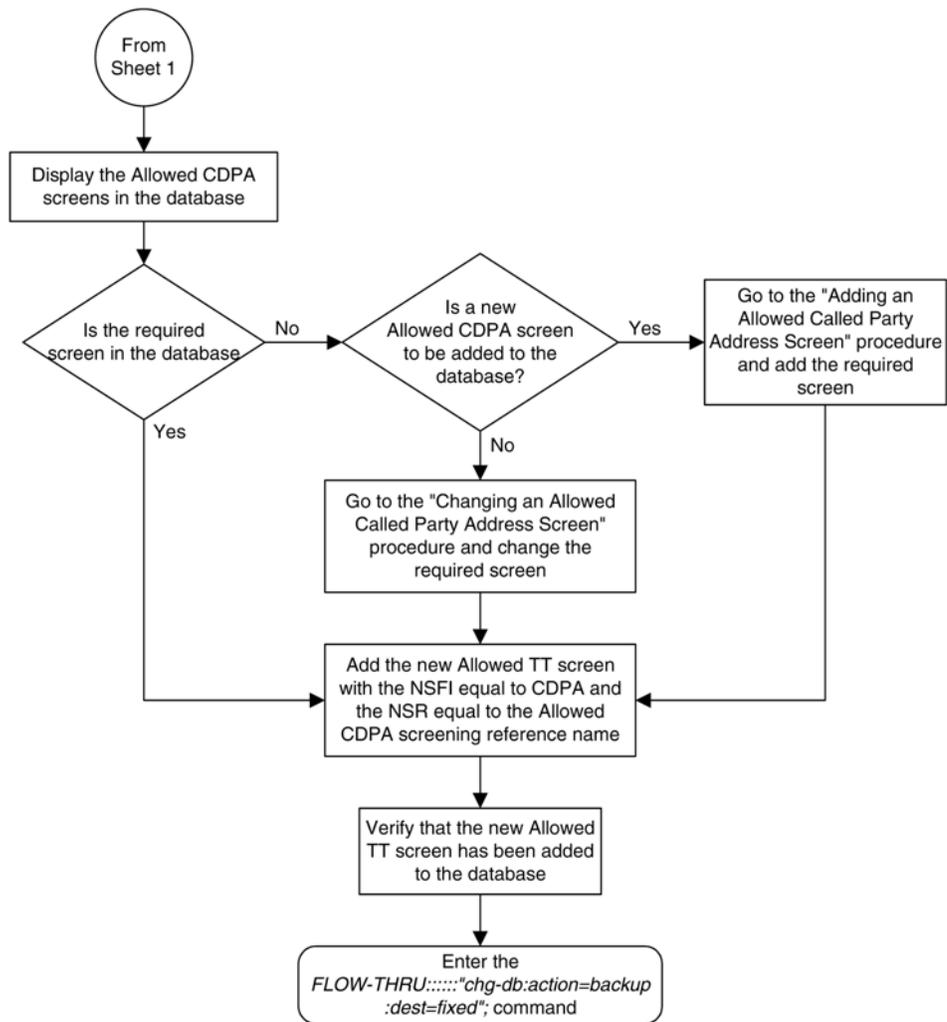
The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

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.

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

**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.



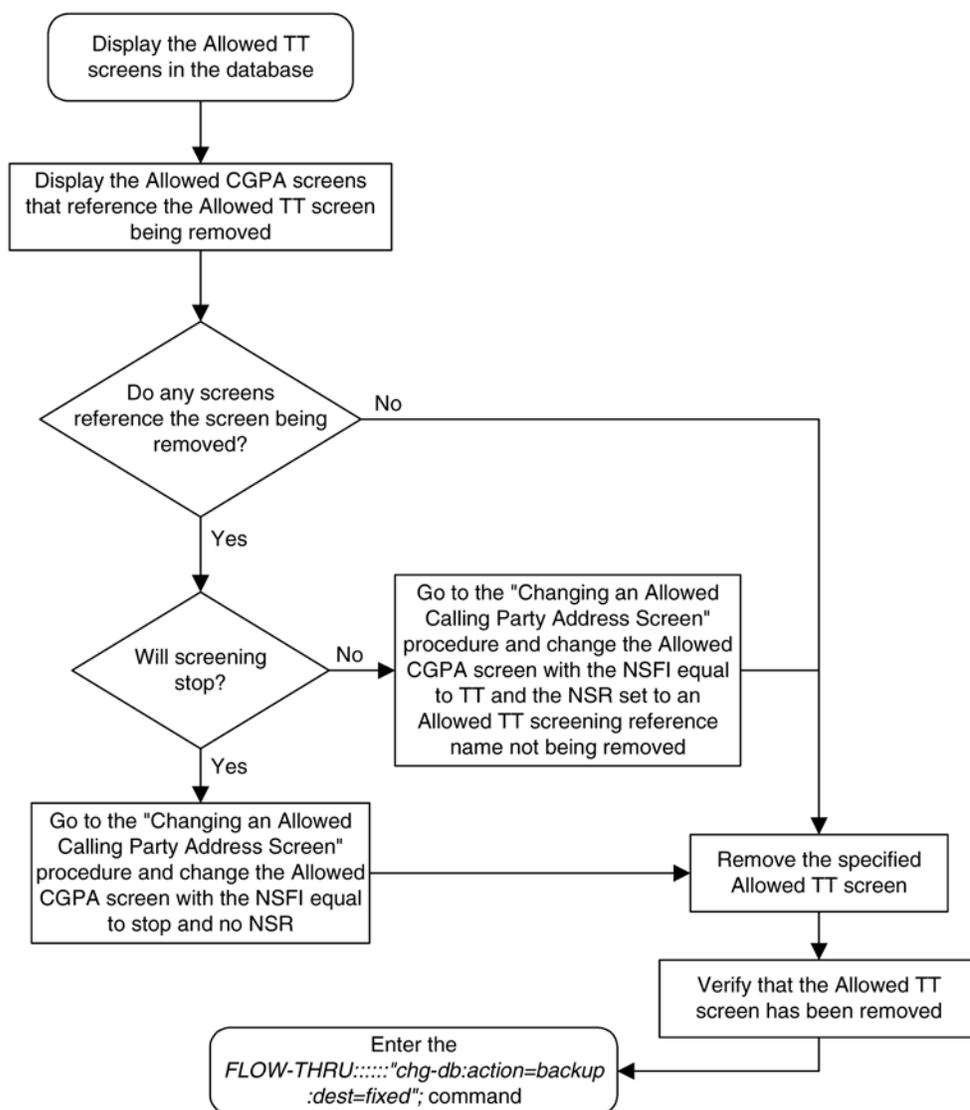


## Removing an Allowed Translation Type Screen

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**

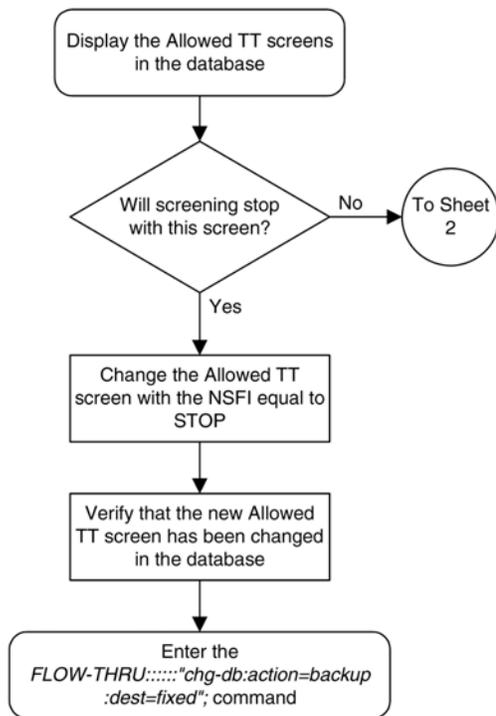


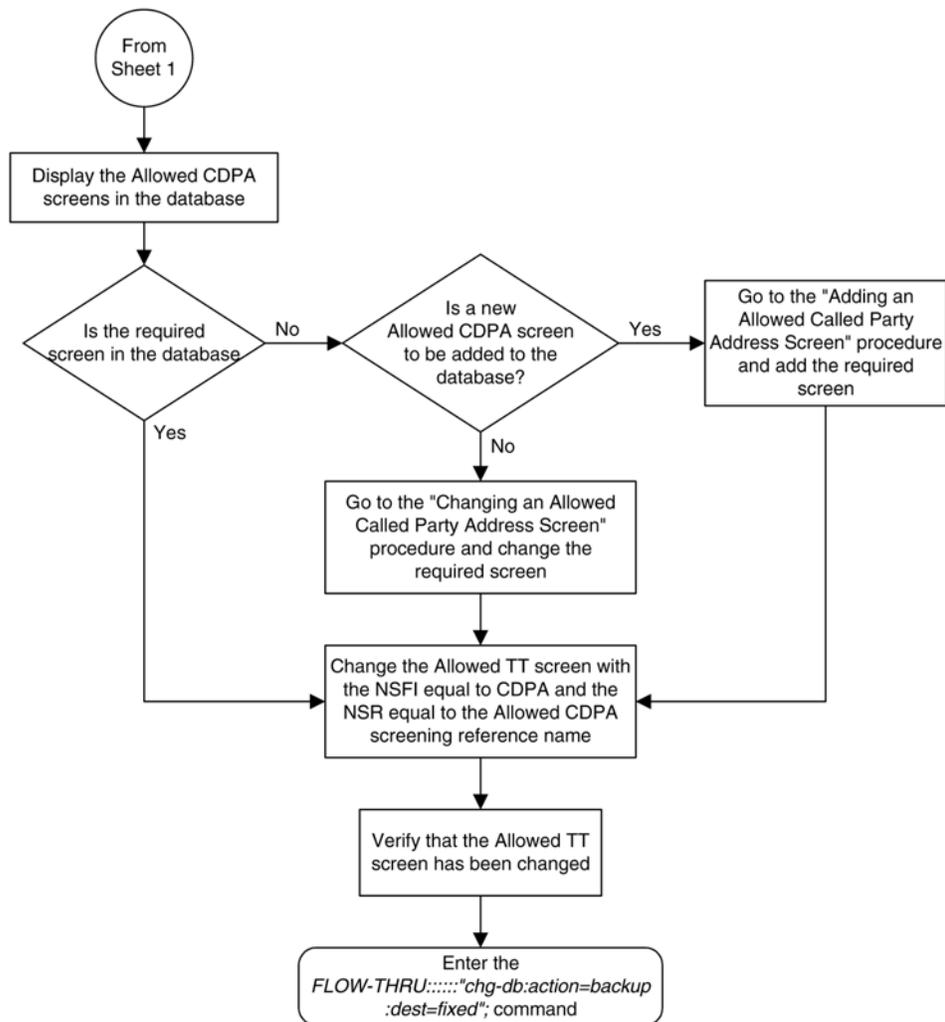
## Changing an Allowed Translation Type Screen

This procedure is used to change an allowed translation type screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. 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.

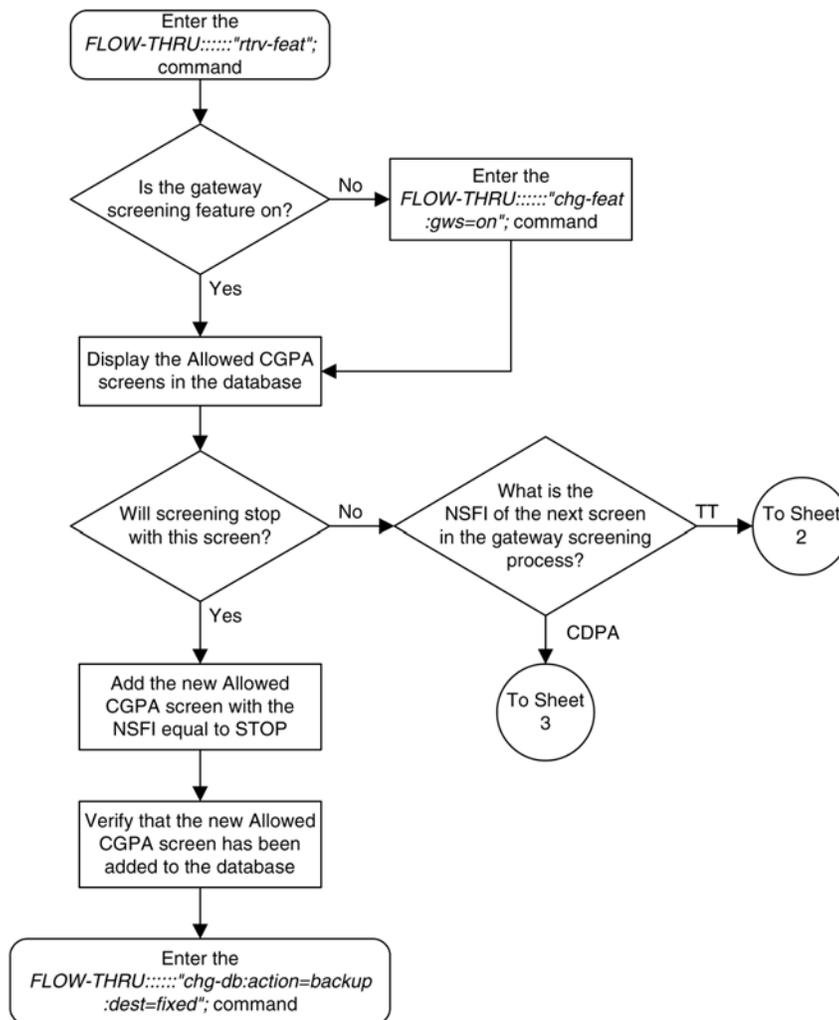
If you wish to use any of these items in adding the allowed calling party address screen to the database, perform the “Adding an Allowed Calling Party Address Screen” procedure in the

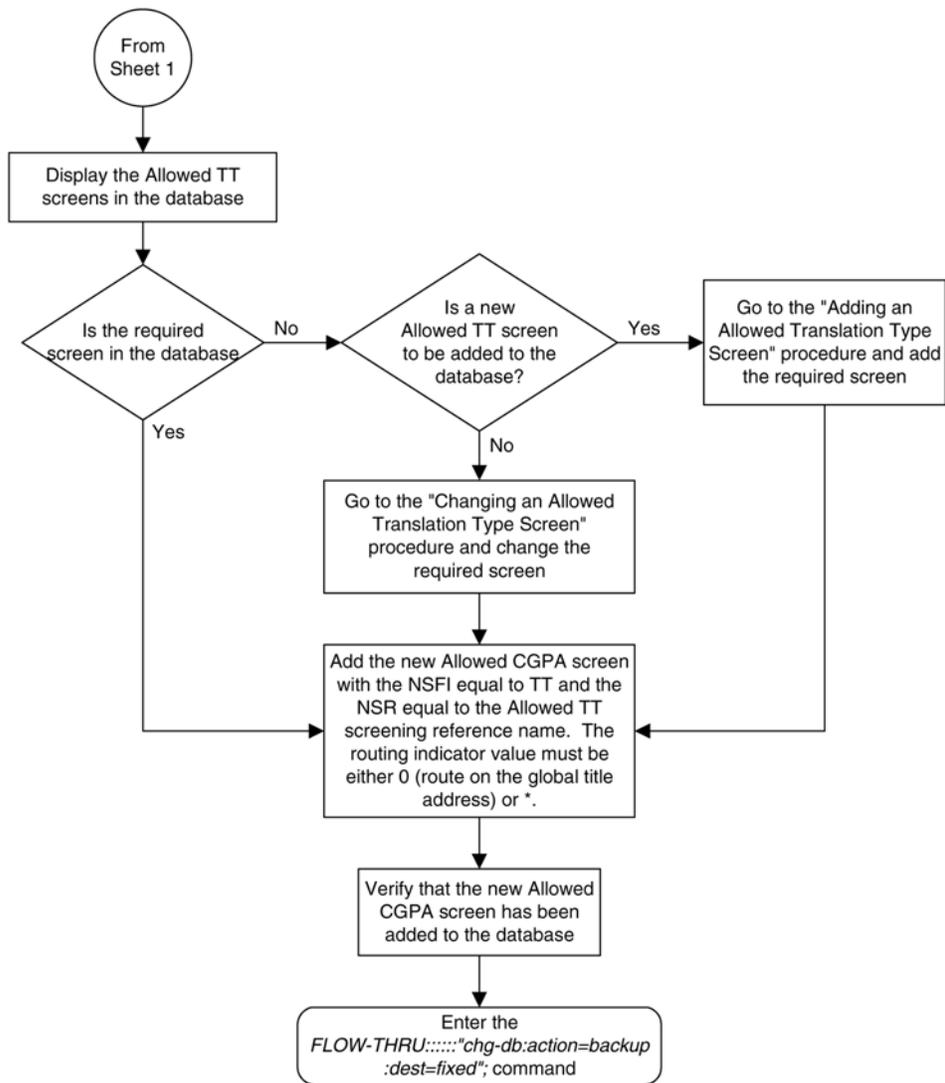
Database Administration Manual - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

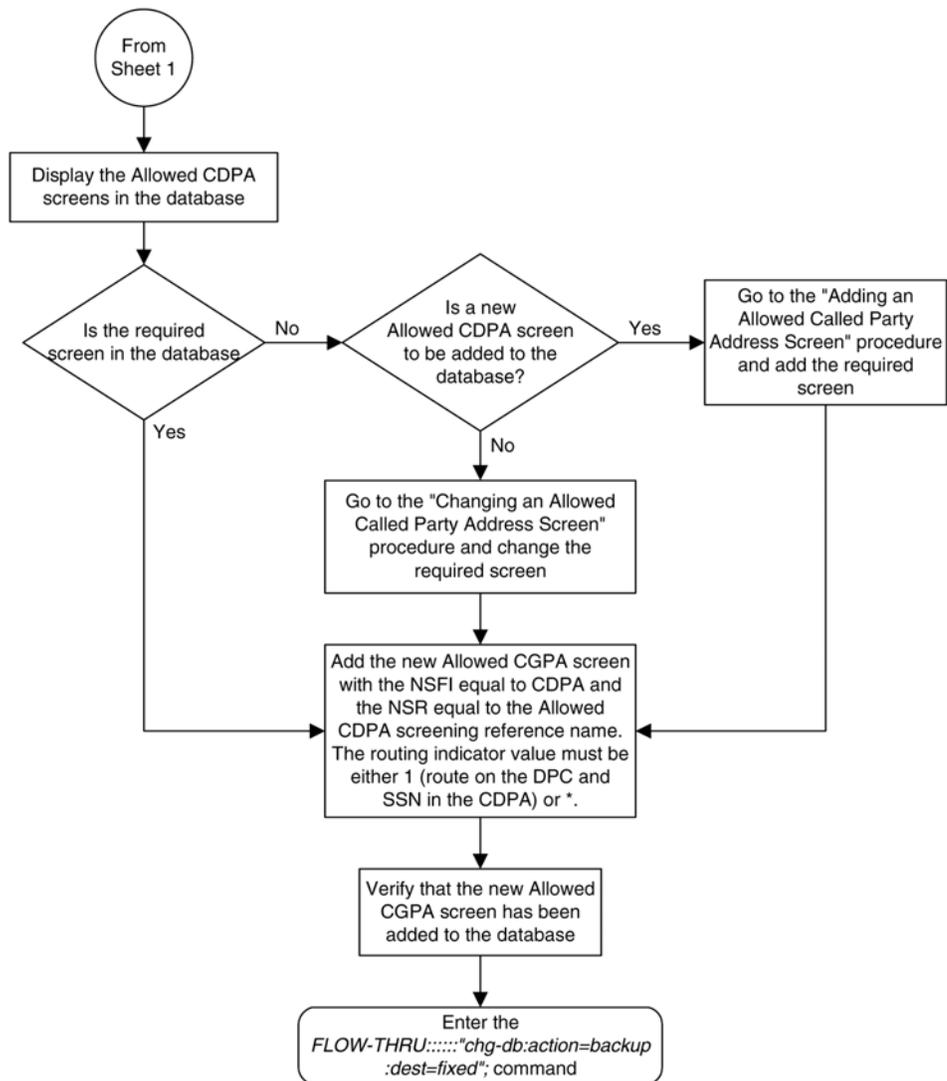
- If the allowed calling party address screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point 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`.

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

**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.







## 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*.

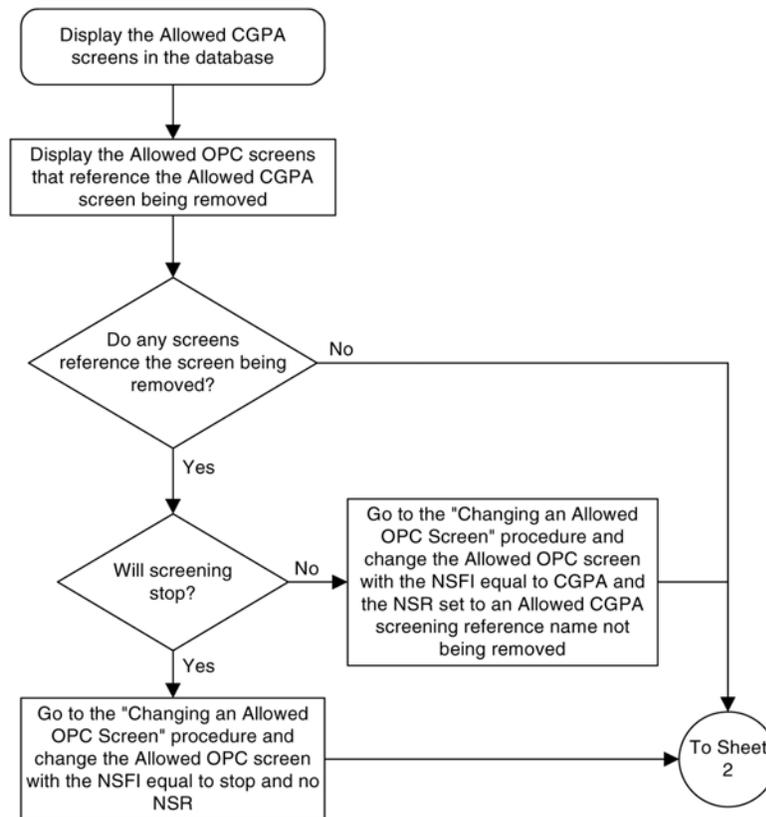
If any of the following items are used in removing the allowed calling party address screen from the database, perform the "Removing an Allowed Calling Party Address Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

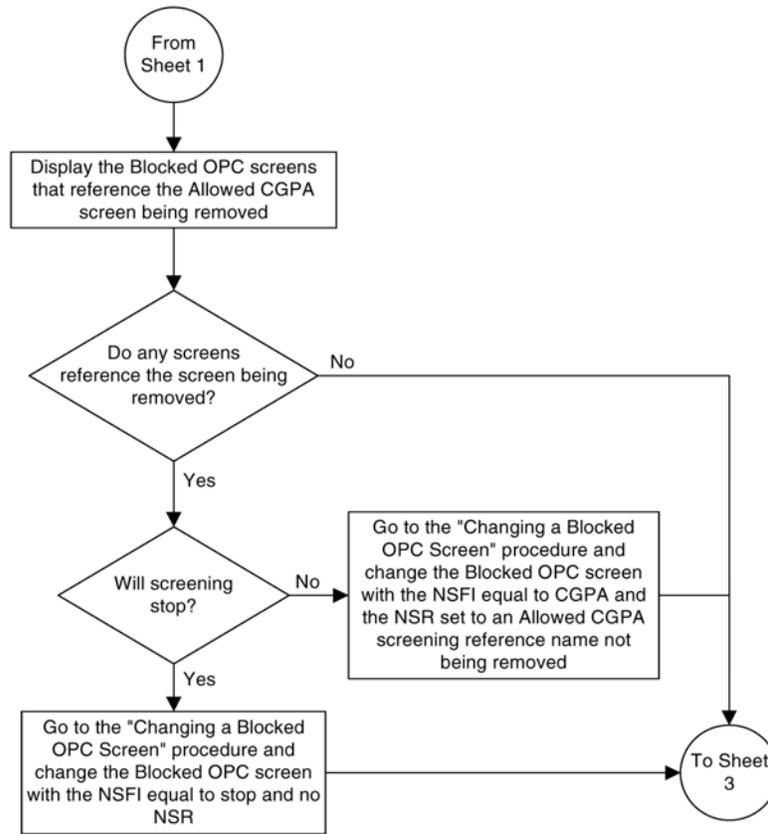
- If the allowed calling party address screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the

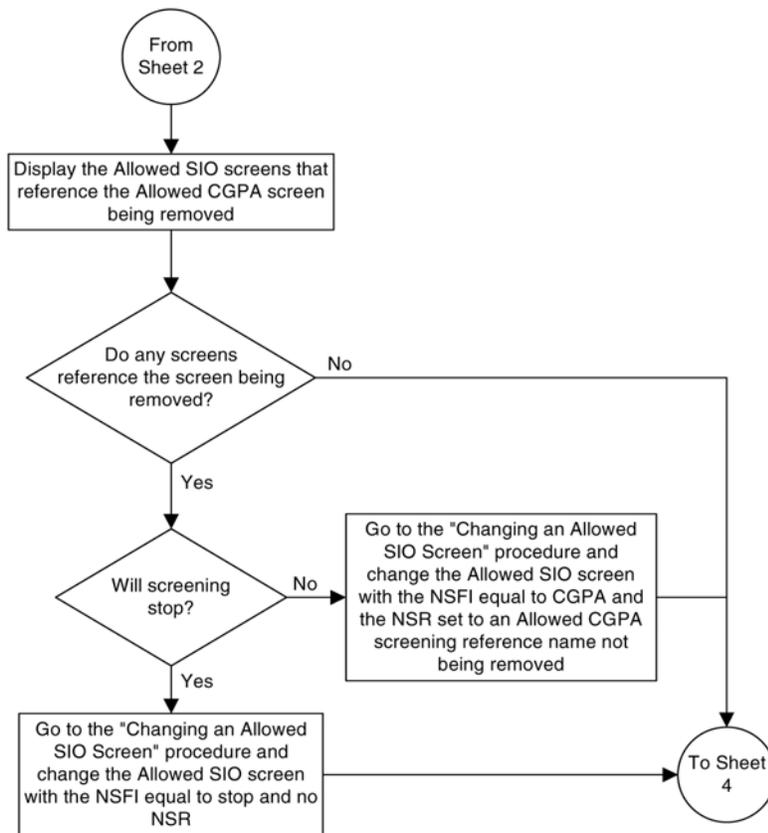
pcst parameter), or 24-bit ITU-N point codes. The pcst parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

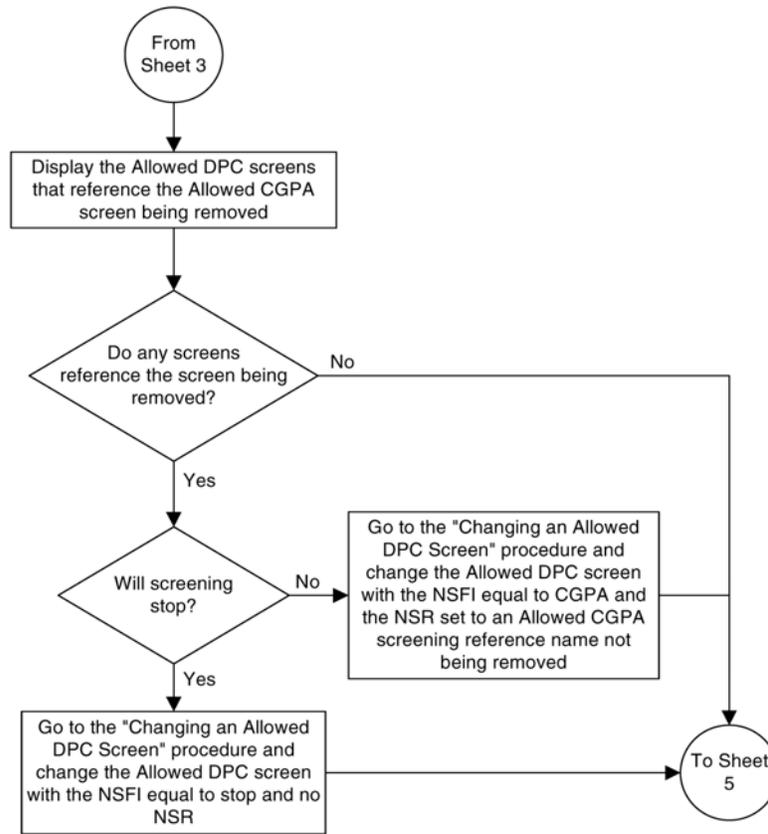
- If gateway screening stop action sets are assigned to the screens referencing the allowed calling party address screen being removed.
- If you wish to use the sccpmt parameter of the EAGLE 5 ISS command dlt-scr-cgpa.

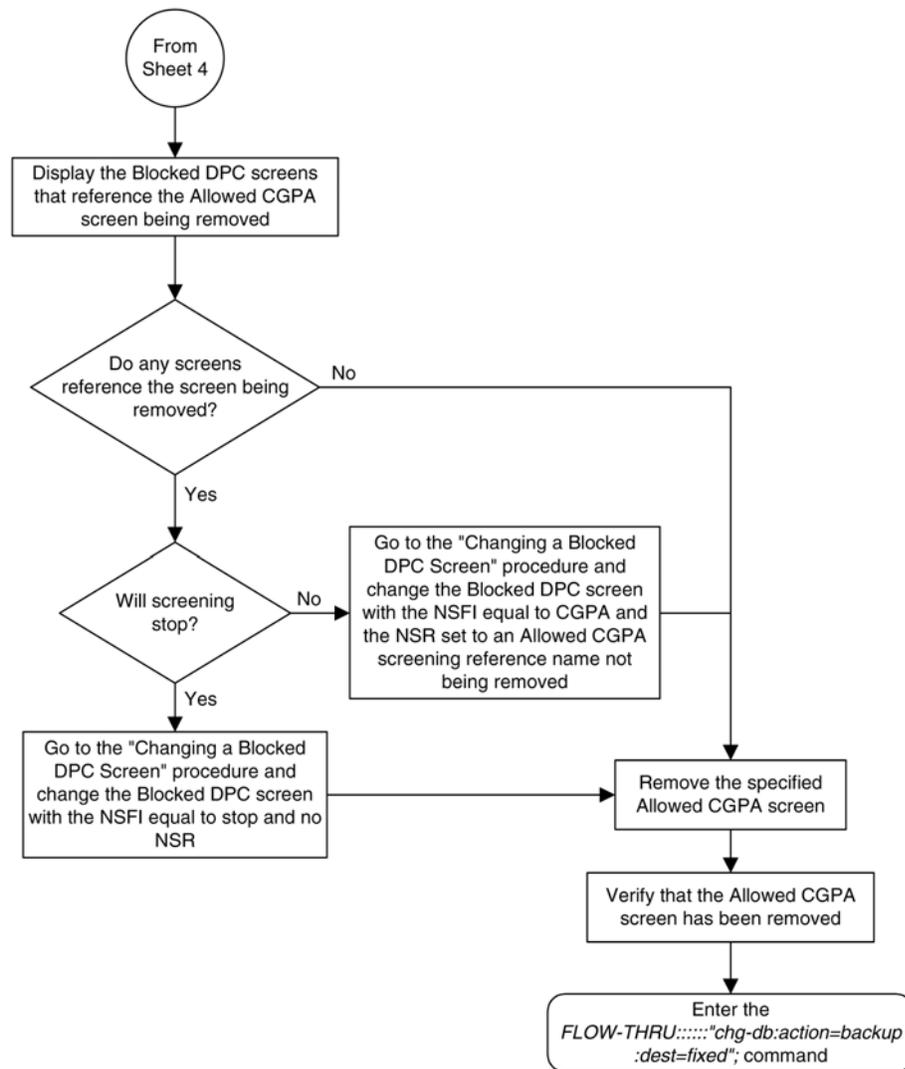
**Figure 32: Removing an Allowed Calling Party Address Screen from the SEAS Terminal**











## 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*.

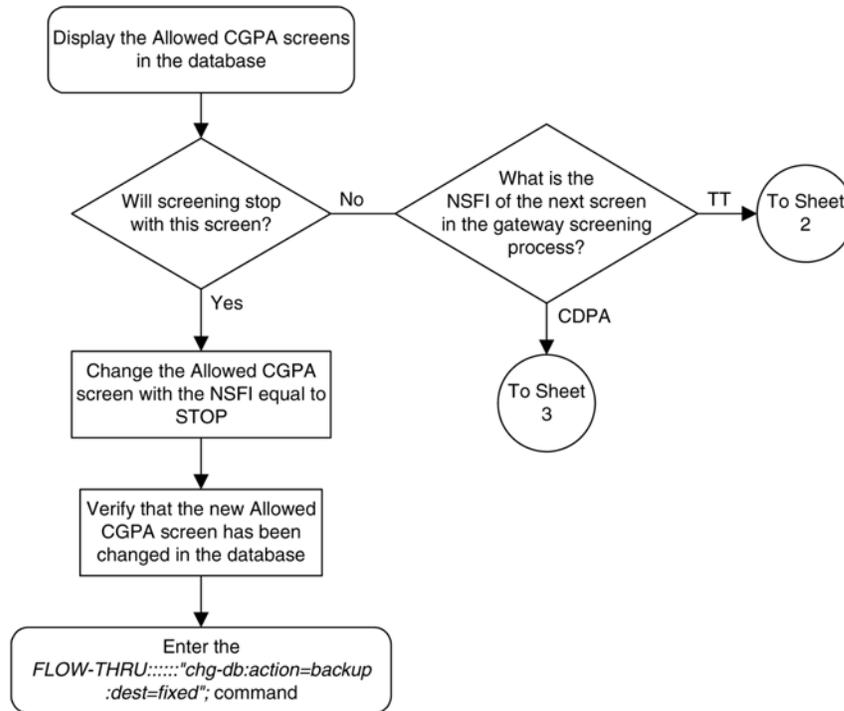
If any of the following items are used in changing the allowed calling party address screen in the database, perform the "Changing an Allowed Calling Party Address Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

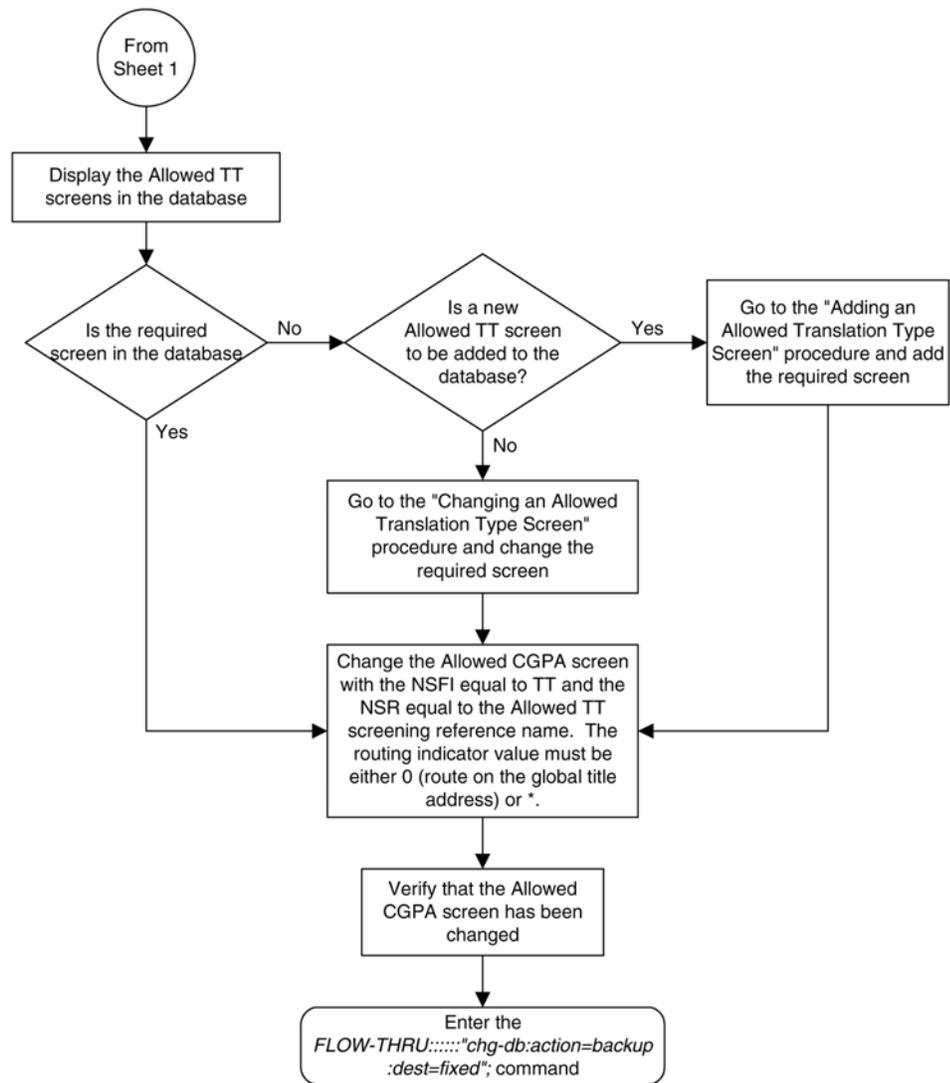
- If the allowed calling party address screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst`

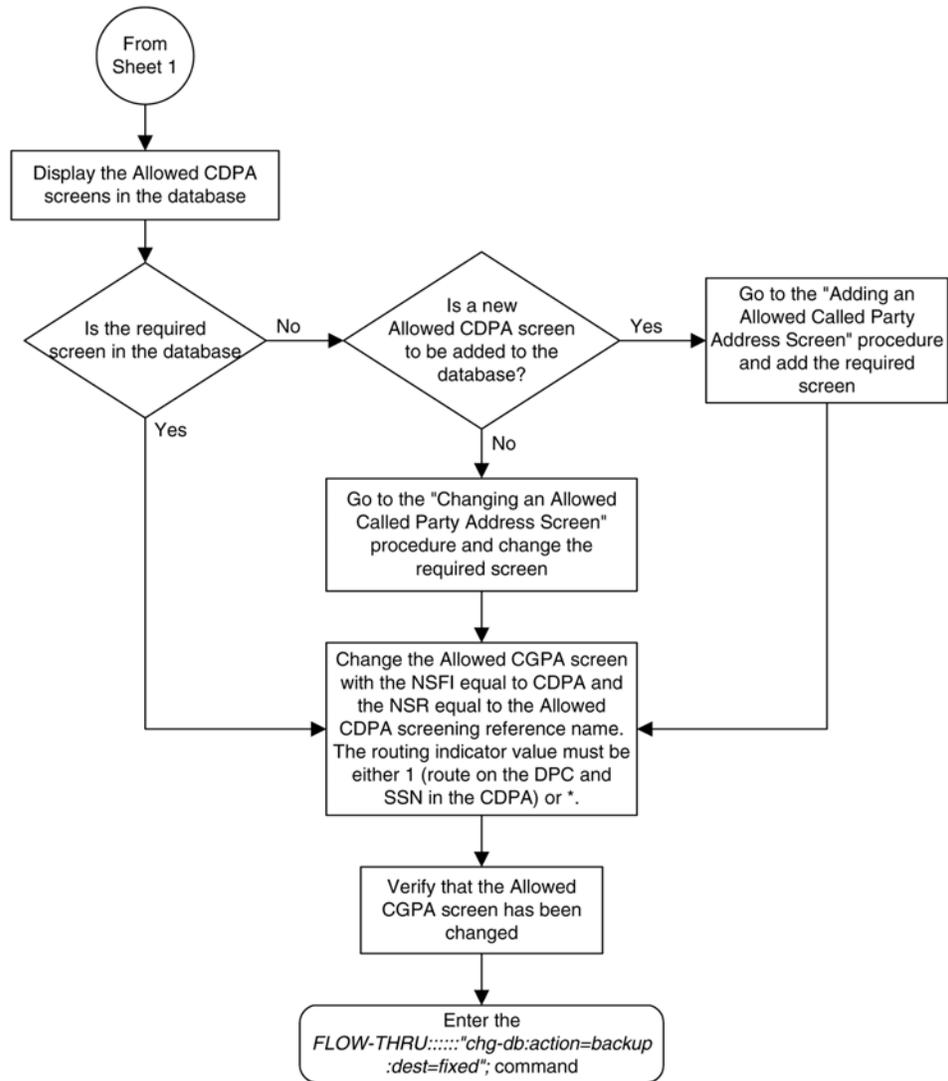
parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

- 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`.

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







## 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.

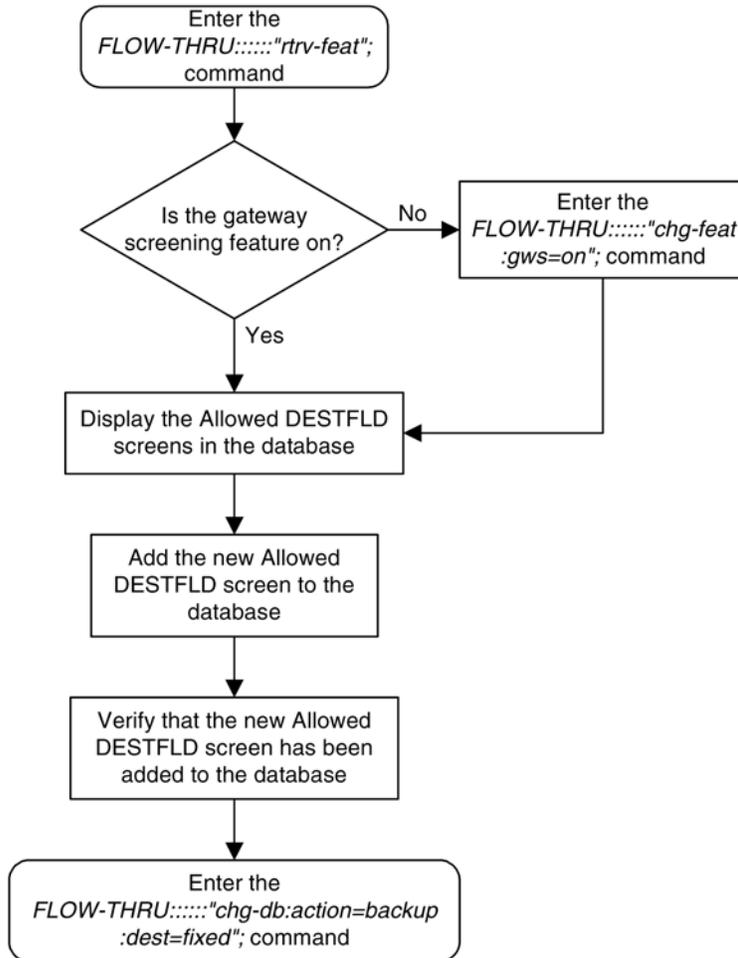
The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

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.

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

**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.



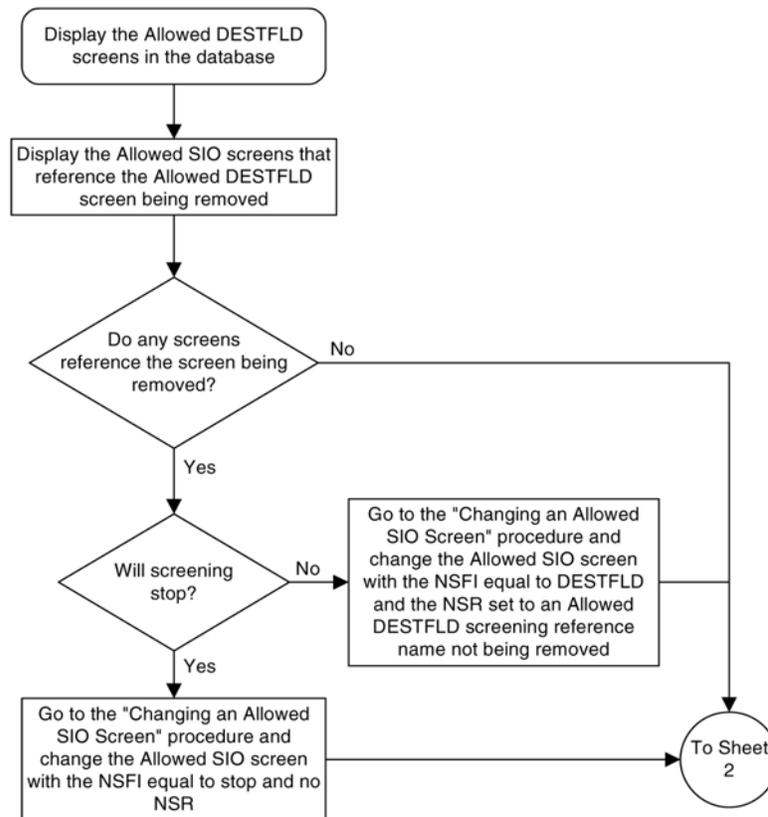
## Removing an Allowed Affected Destination Field Screen

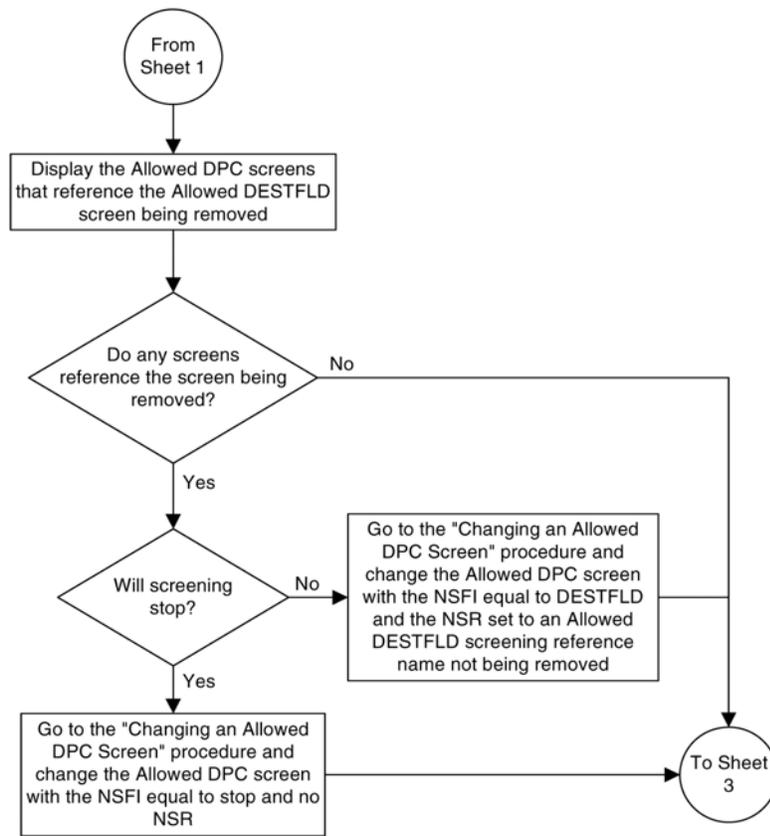
This procedure is used to remove an allowed affected destination screen to the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed Affected Destination Field Screen" in the *Database Administration Manual - Gateway Screening*.

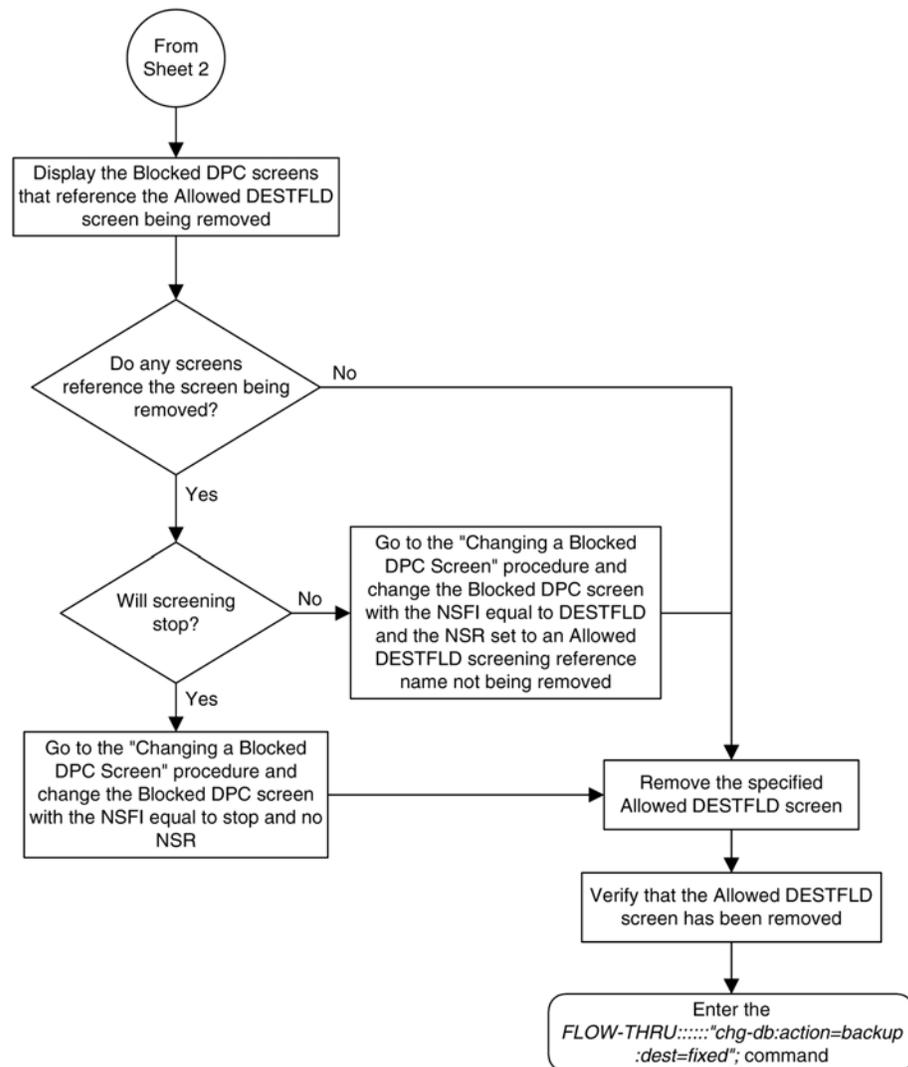
If any of the following items are used in removing the allowed affected destination screen from the database, perform the "Removing an Allowed Affected Destination Field Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS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

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







## 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*.

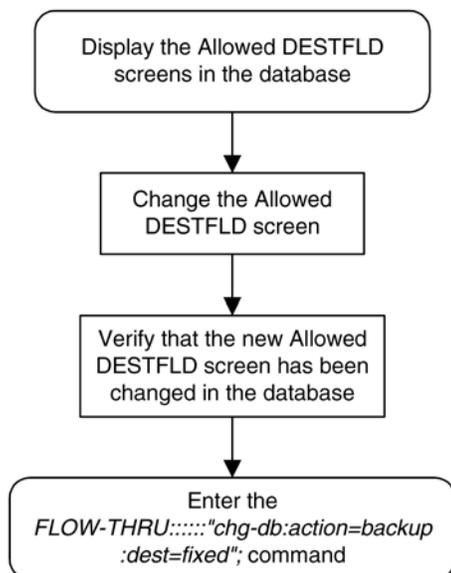
If any of the following items are used in changing the allowed affected destination field screen in the database, perform the "Changing an Allowed Affected Destination Field Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE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

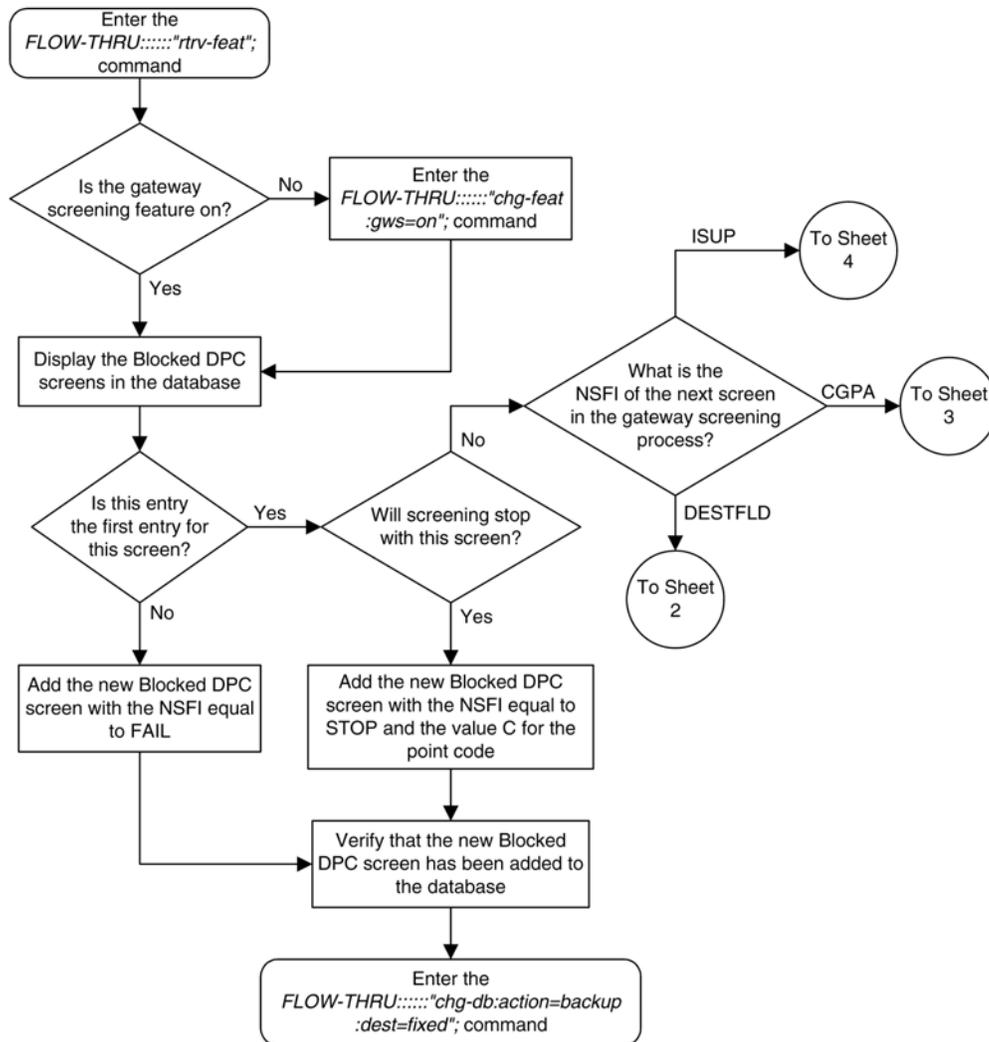
If you wish to use any of these items in adding the blocked destination point code screen to the database, perform the “Adding a Blocked DPC Screen” procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

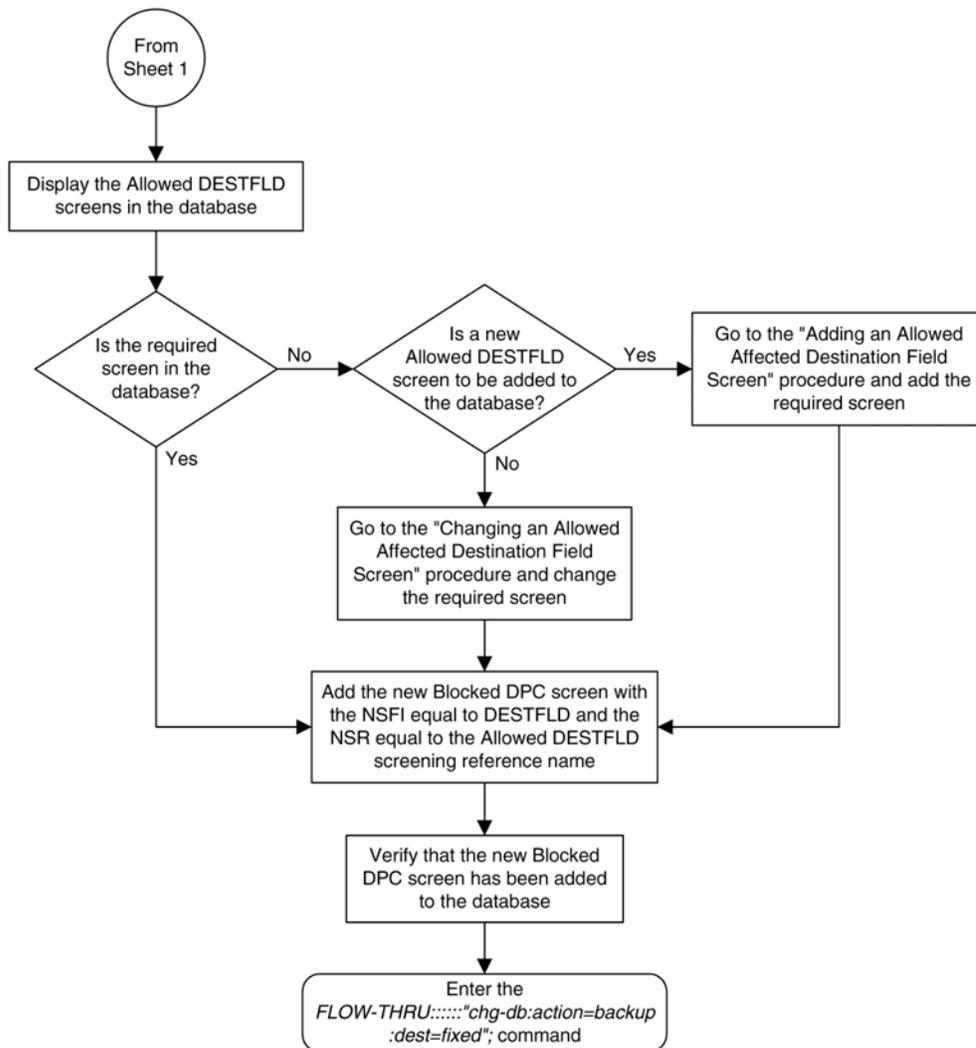
- If the blocked destination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point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

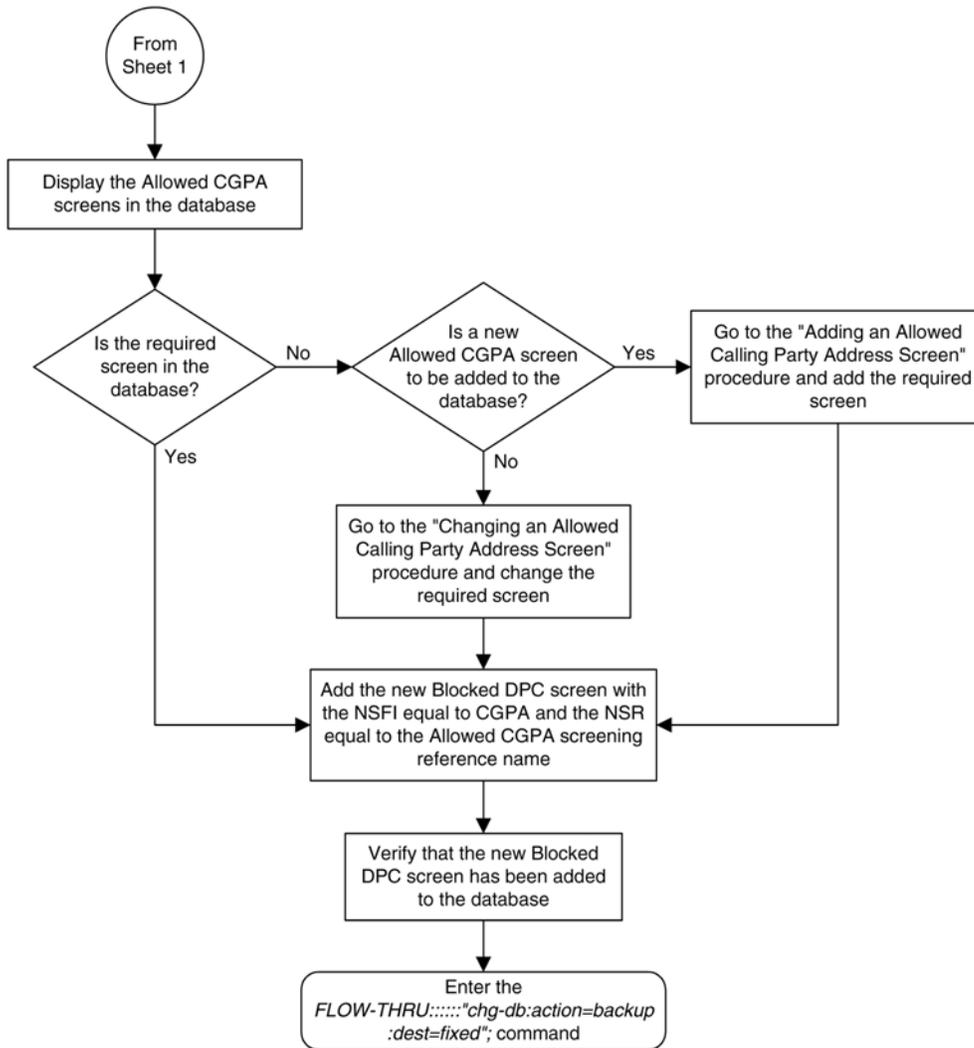
- If gateway screening stop action sets are assigned to the blocked destination point code screen being added.

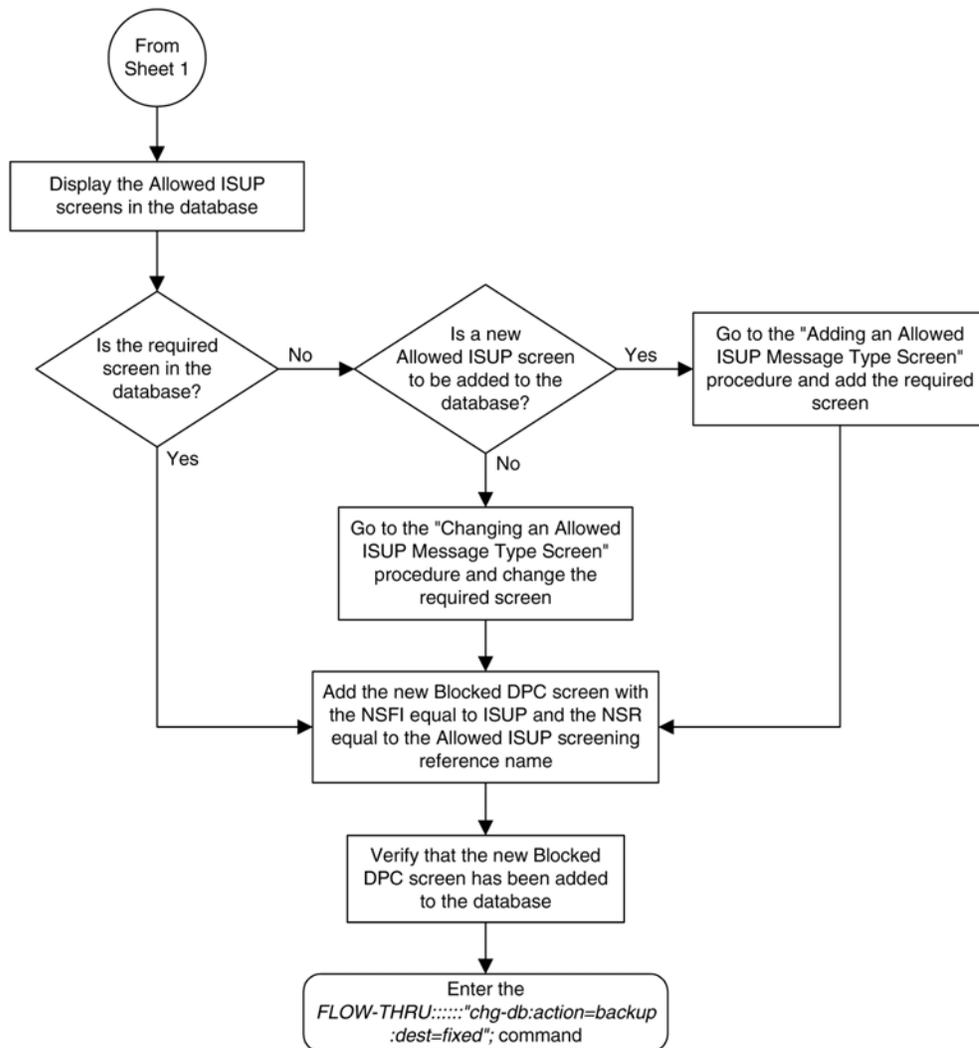
**Note:** Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

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









## 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*.

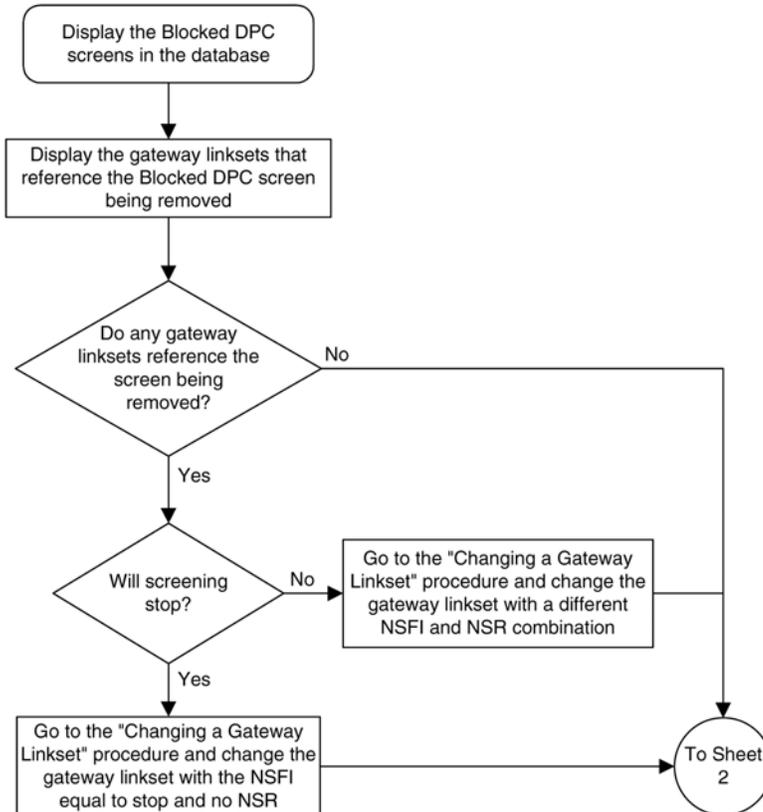
If any of the following items are used in removing the blocked destination point code screen from the database, perform the "Removing a Blocked DPC Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

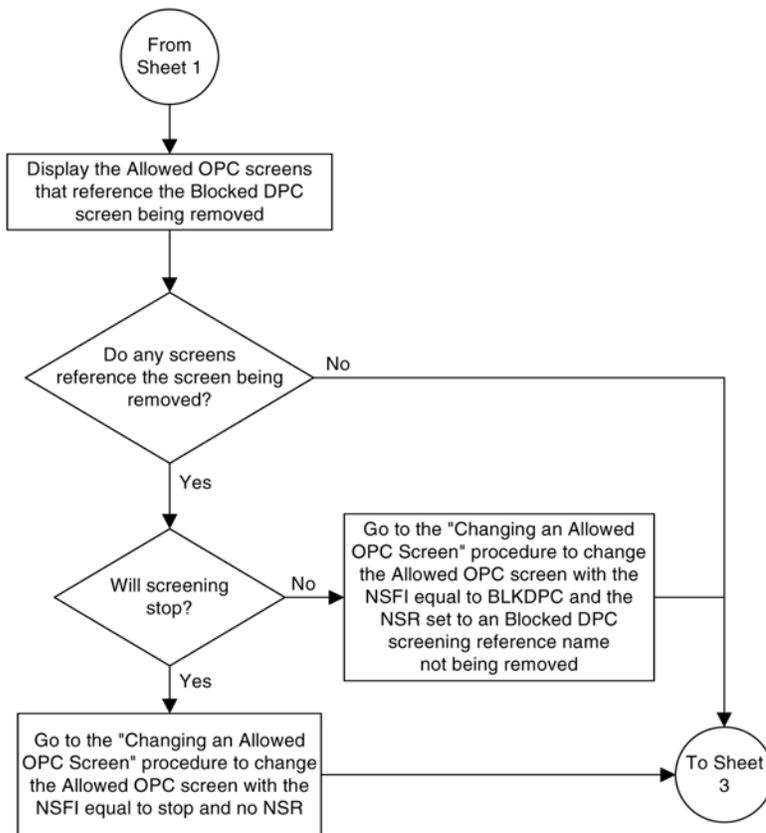
- If the blocked destination point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the

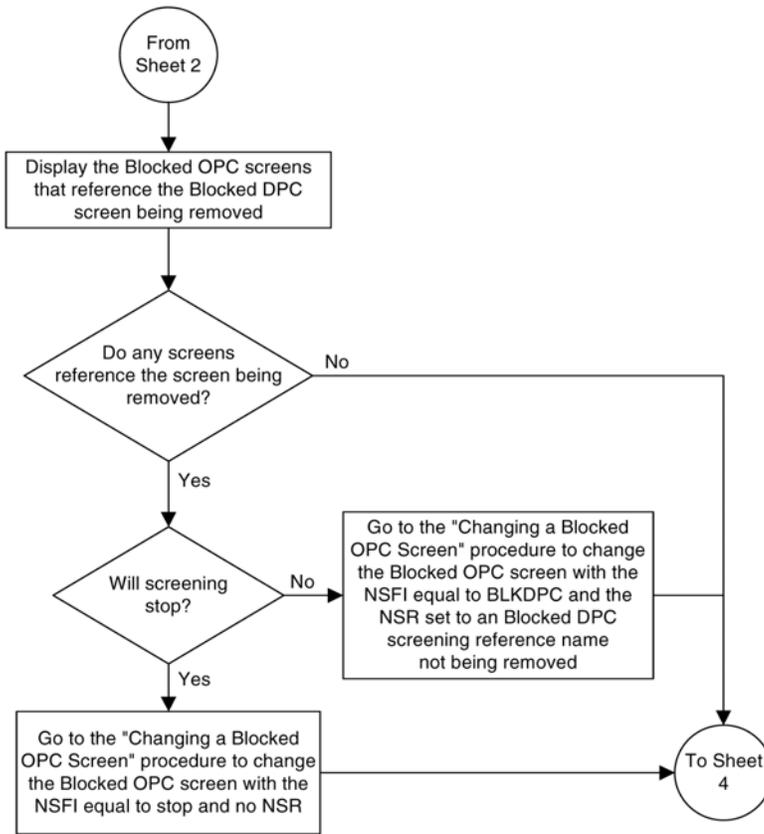
pcst parameter), or 24-bit ITU-N point codes. The pcst parameter can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

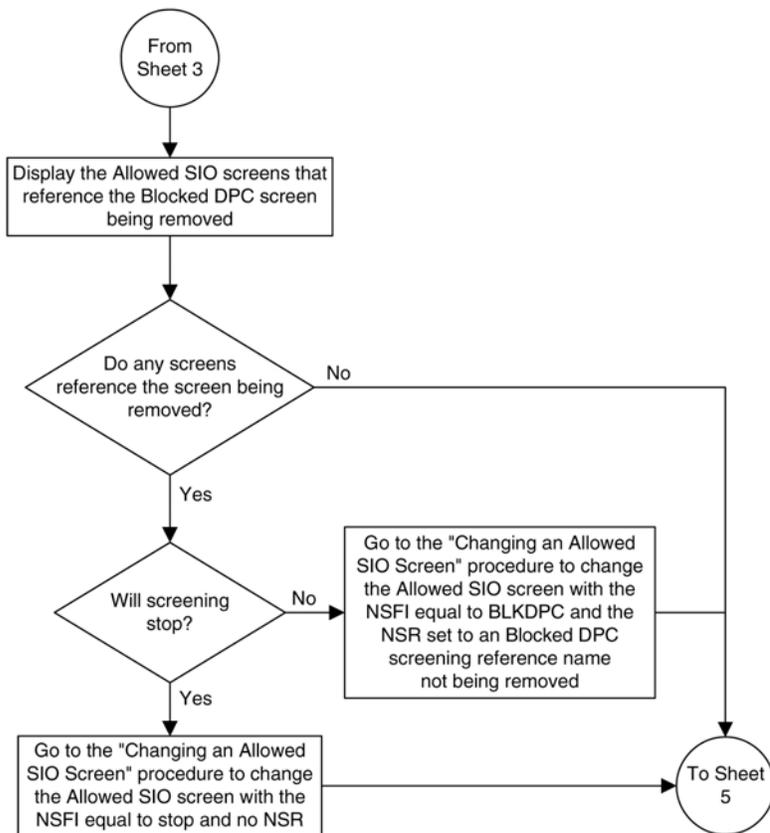
- If gateway screening stop action sets are assigned to the screens referencing the blocked destination point code screen being removed.

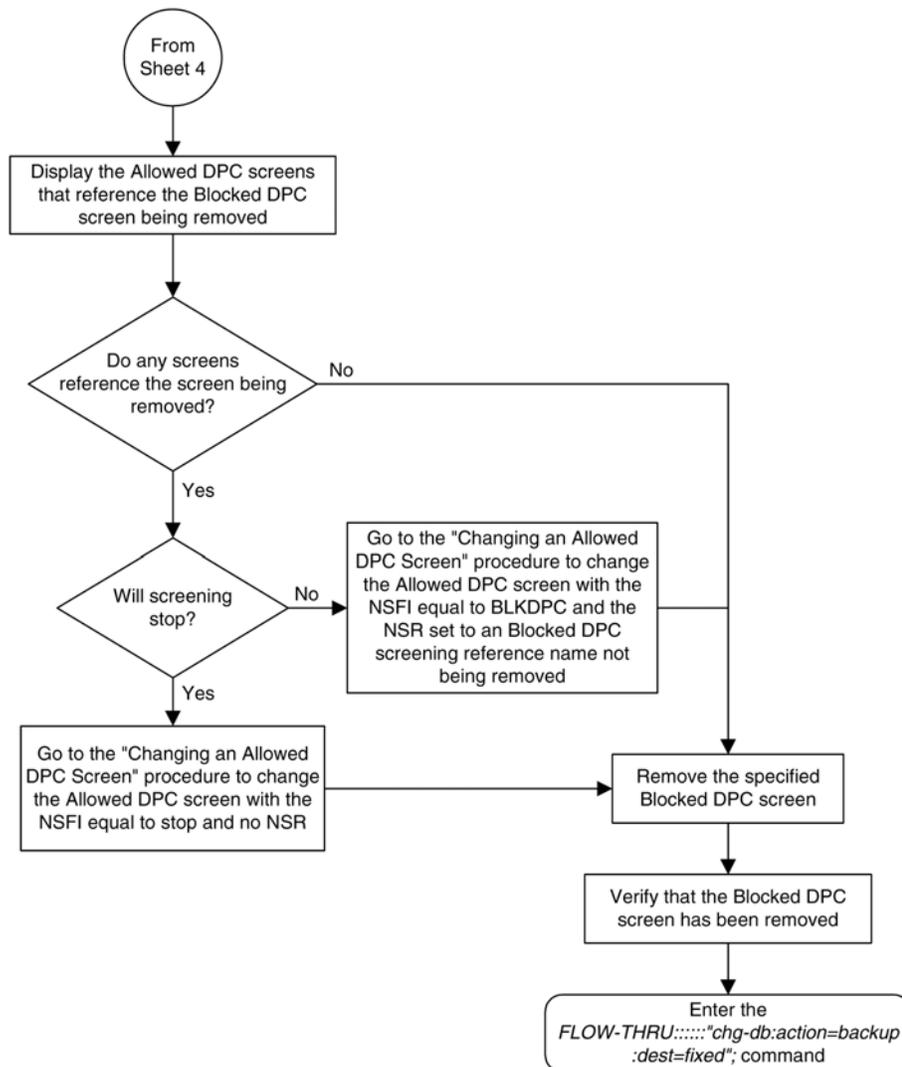
**Figure 38: Removing a Blocked DPC Screen from the SEAS Terminal**











## 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*.

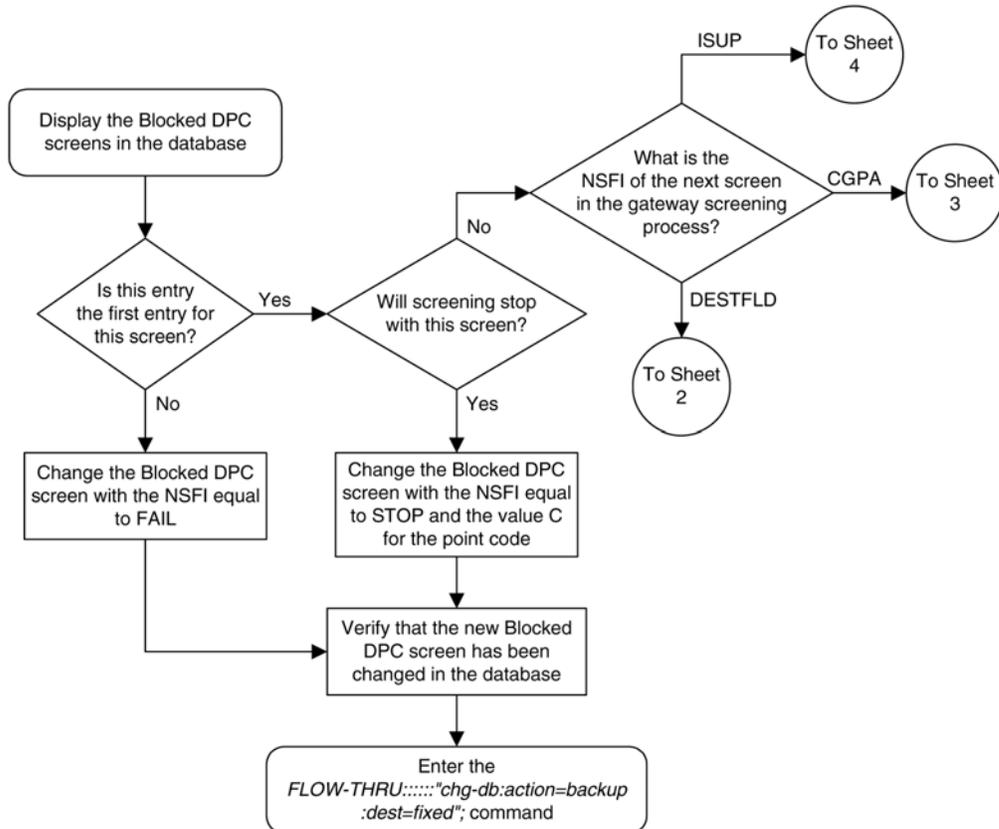
If any of the following items are used in changing the blocked destination point code screen in the database, perform the “Changing a Blocked DPC Screen” procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

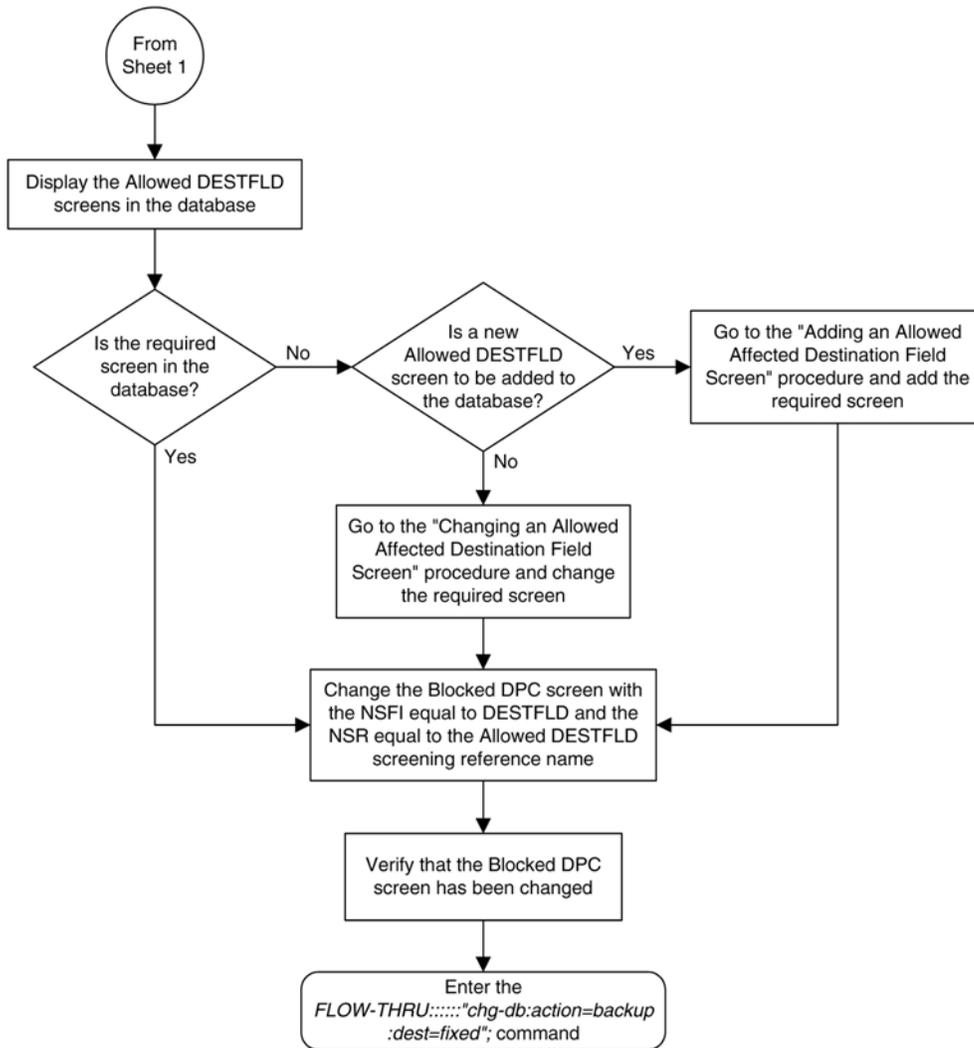
- If the blocked destination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst`

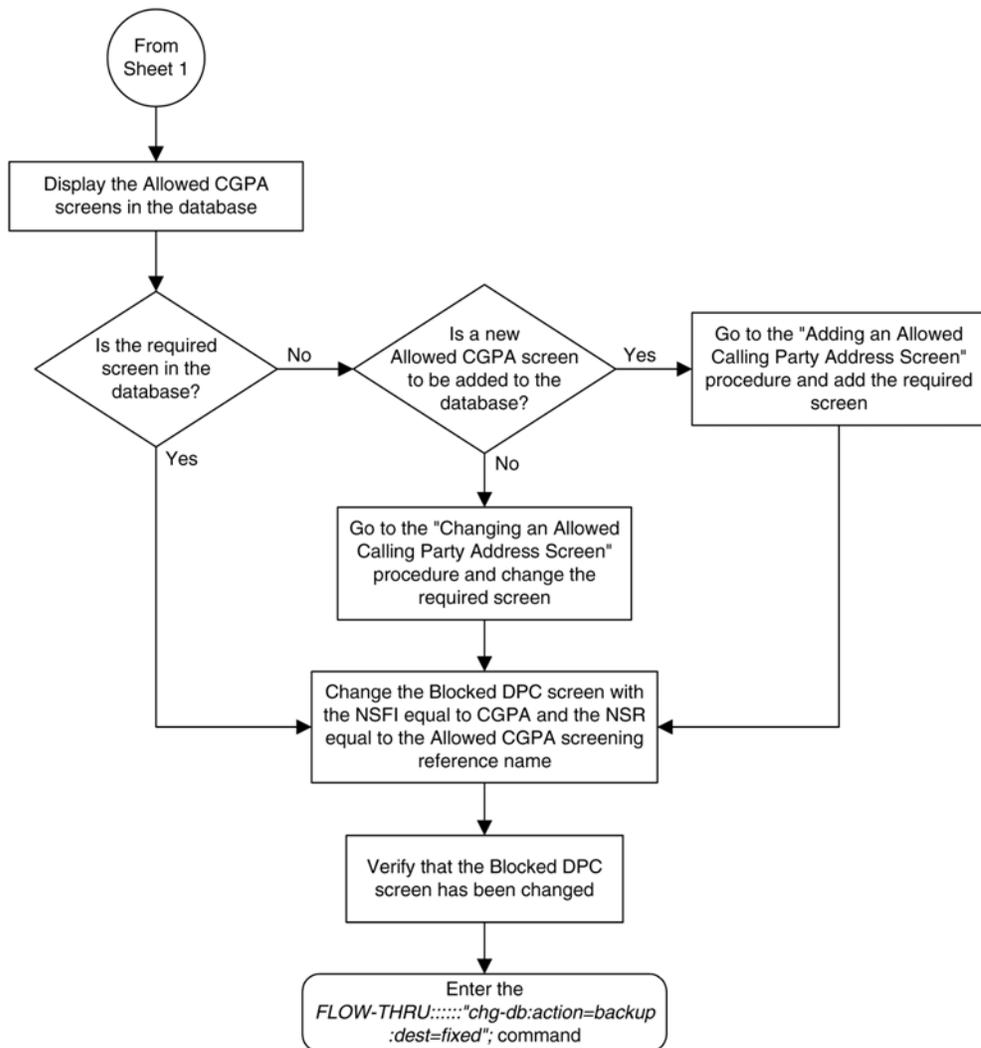
parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

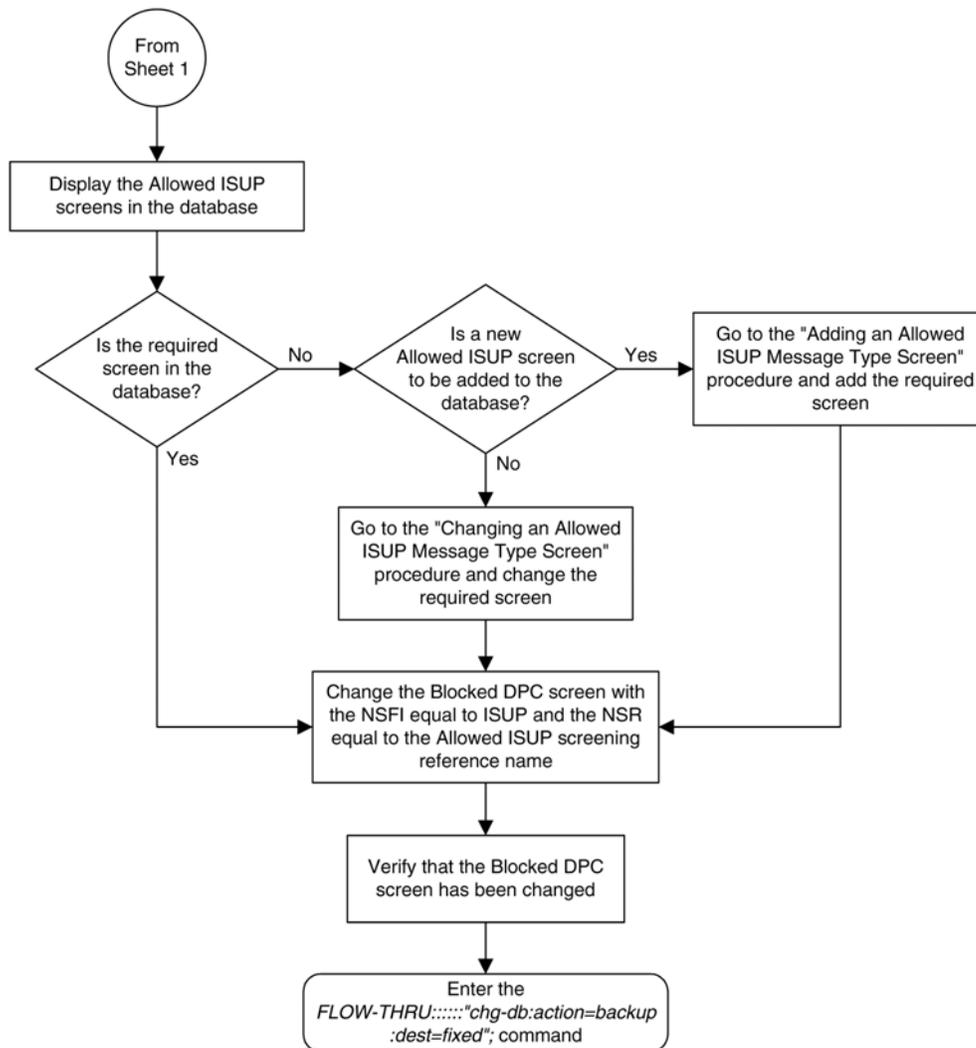
- If gateway screening stop action sets are assigned to the blocked destination point code screen being changed.

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









## 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 `rtvr-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.

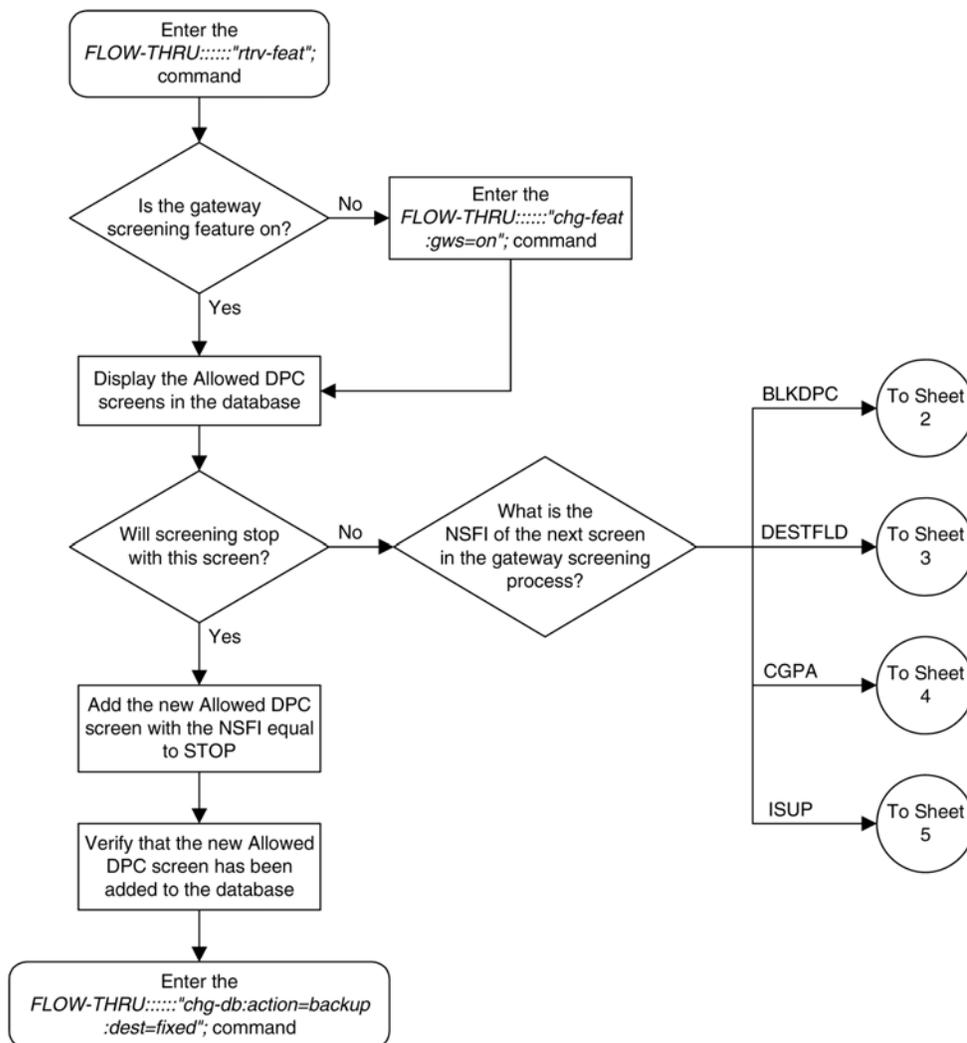
If you wish to use any of these items in adding the allowed destination point code screen to the database, perform the "Adding an Allowed DPC Screen" procedure in the *Database Administration*

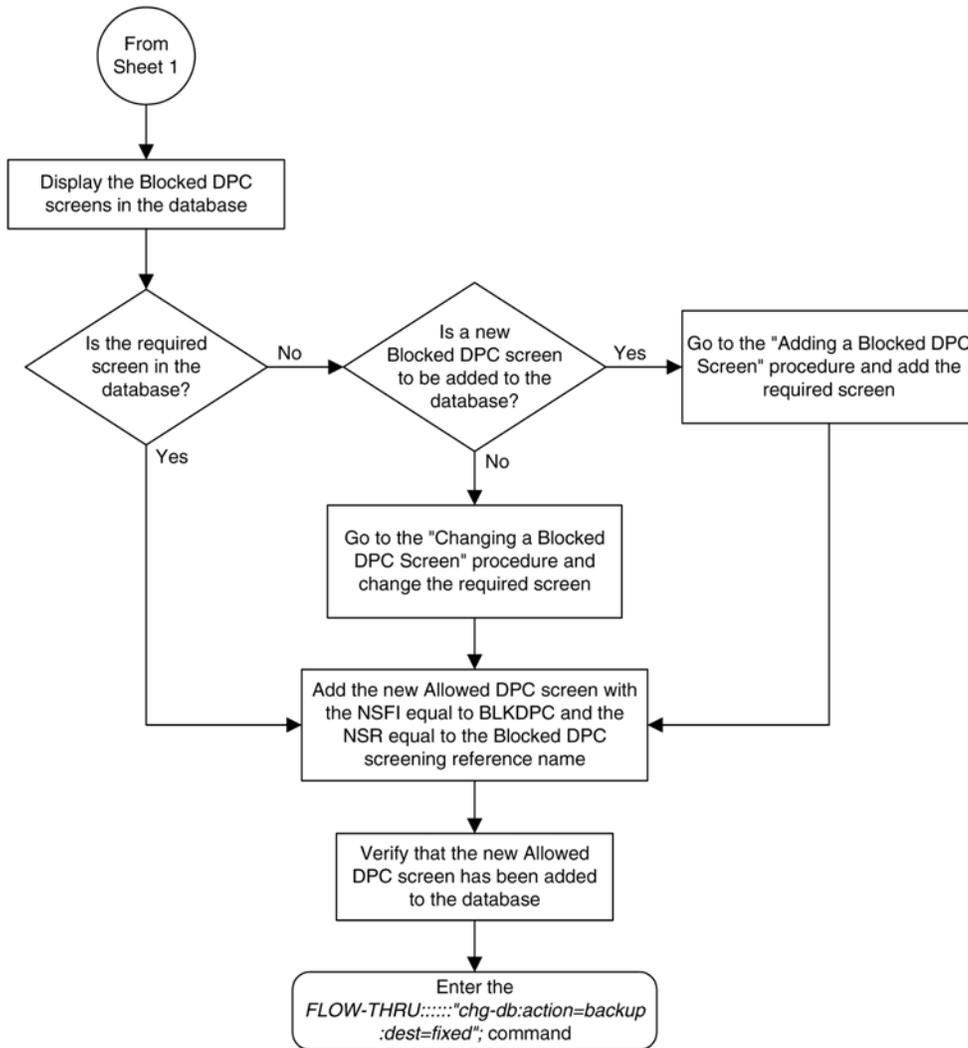
Manual - Gateway Screening using the SEAS FLOW-THRU command with the EAGLE 5 ISS commands:

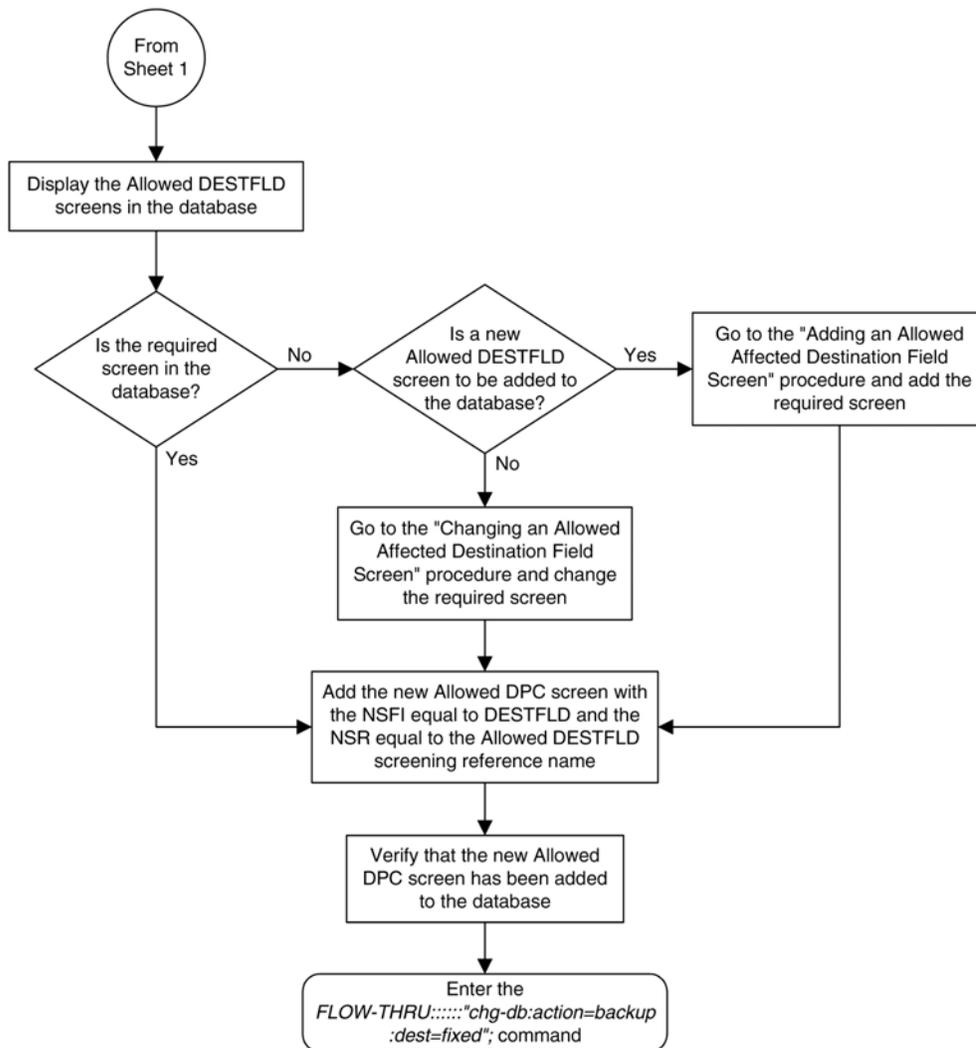
- If the allowed destination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point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

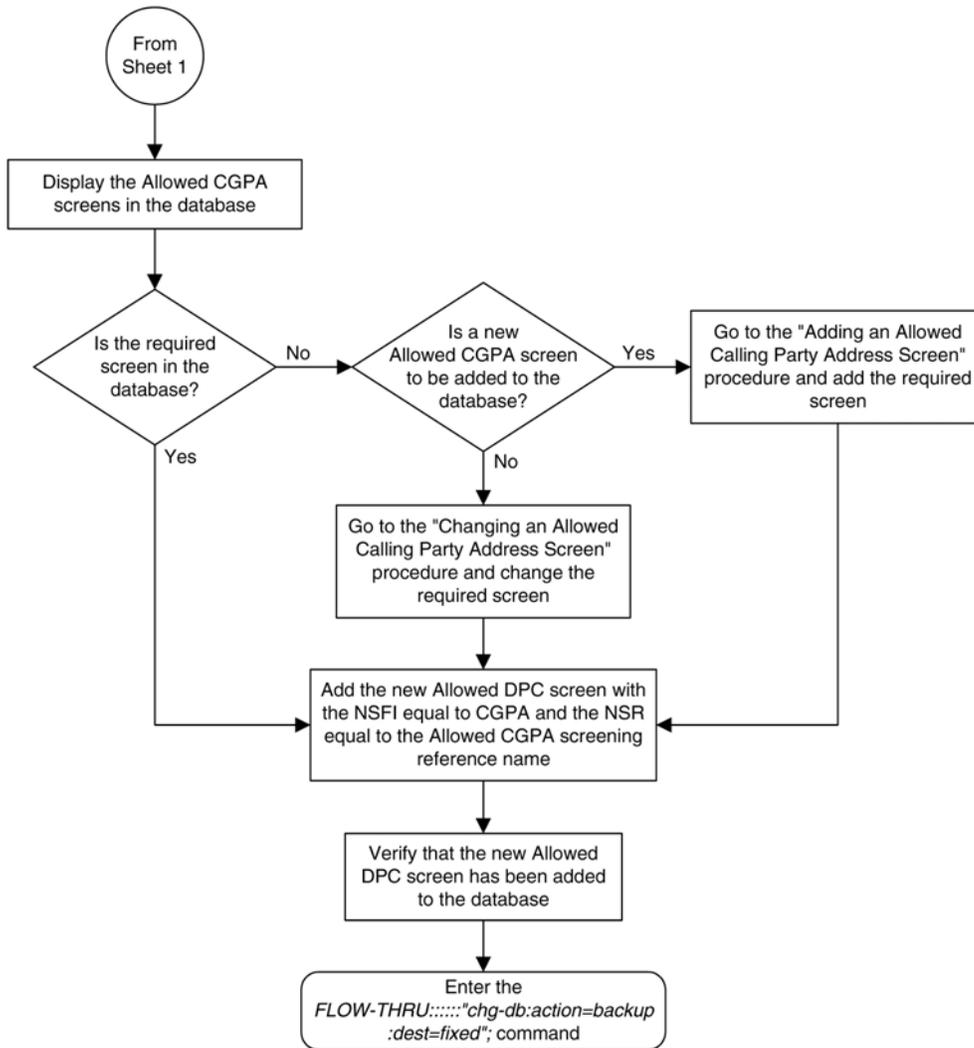
**Note:** Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

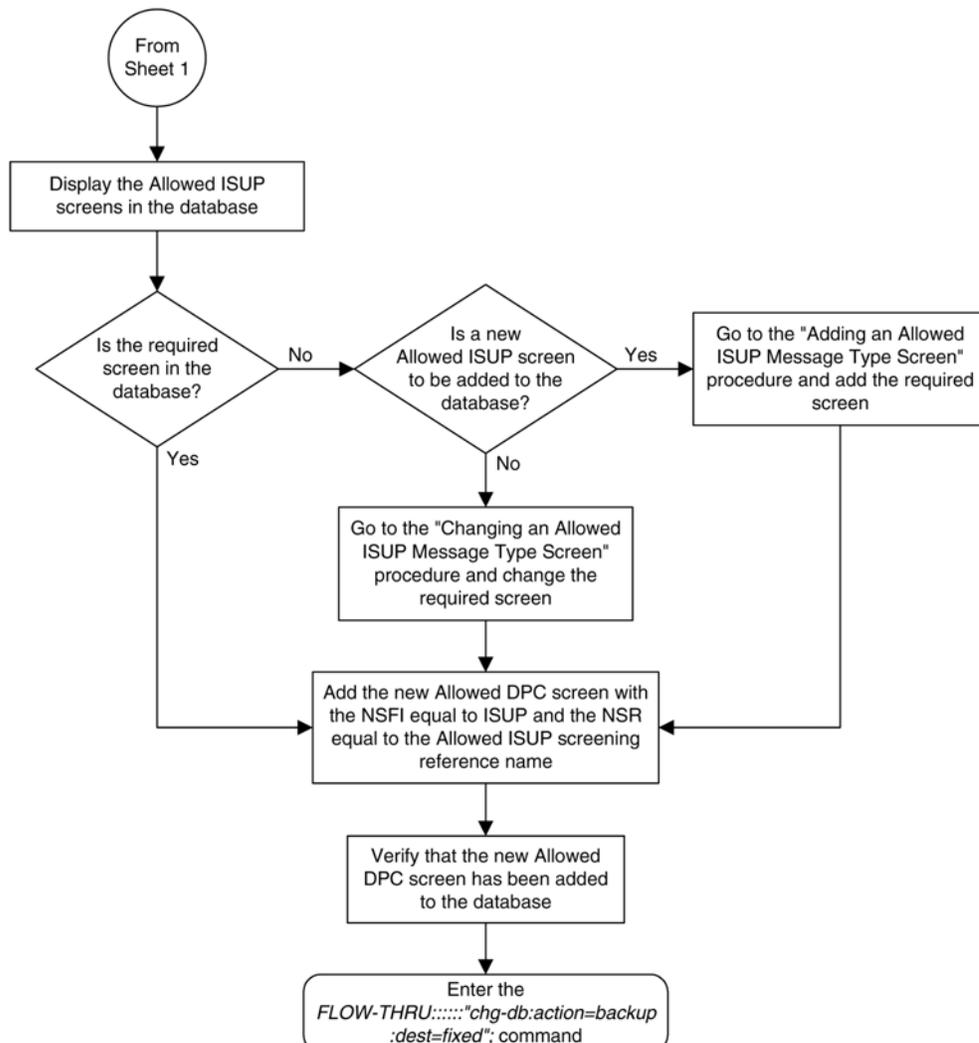
**Figure 40: Adding an Allowed DPC Screen from the SEAS Terminal**











## Removing an Allowed DPC Screen

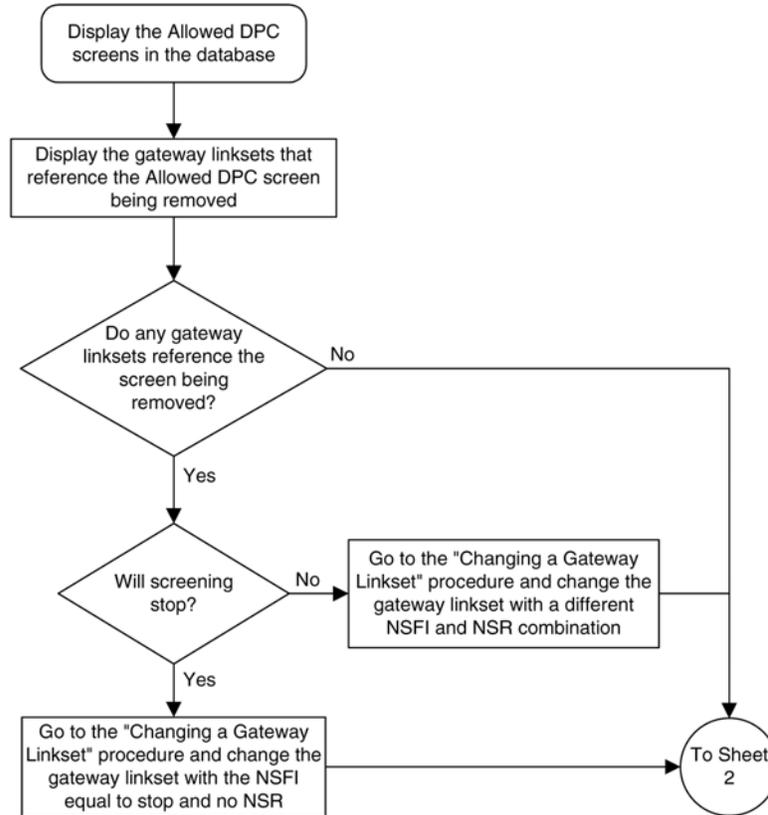
This procedure is used to remove an allowed destination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed DPC Screen" in the *Database Administration Manual - Gateway Screening*.

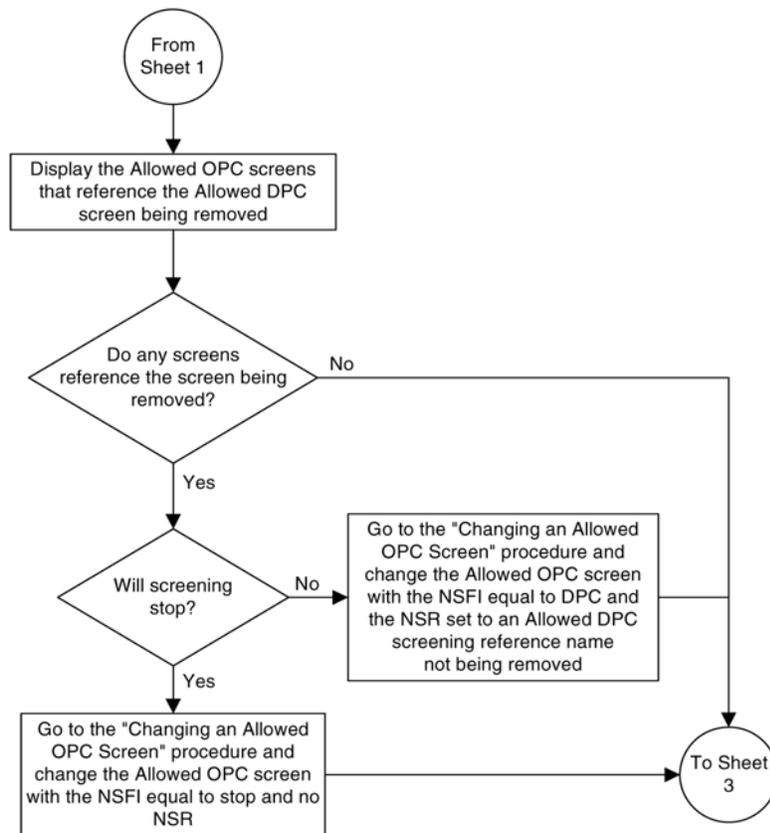
If any of the following items are used in removing the allowed destination point code screen from the database, perform the "Removing an Allowed DPC Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

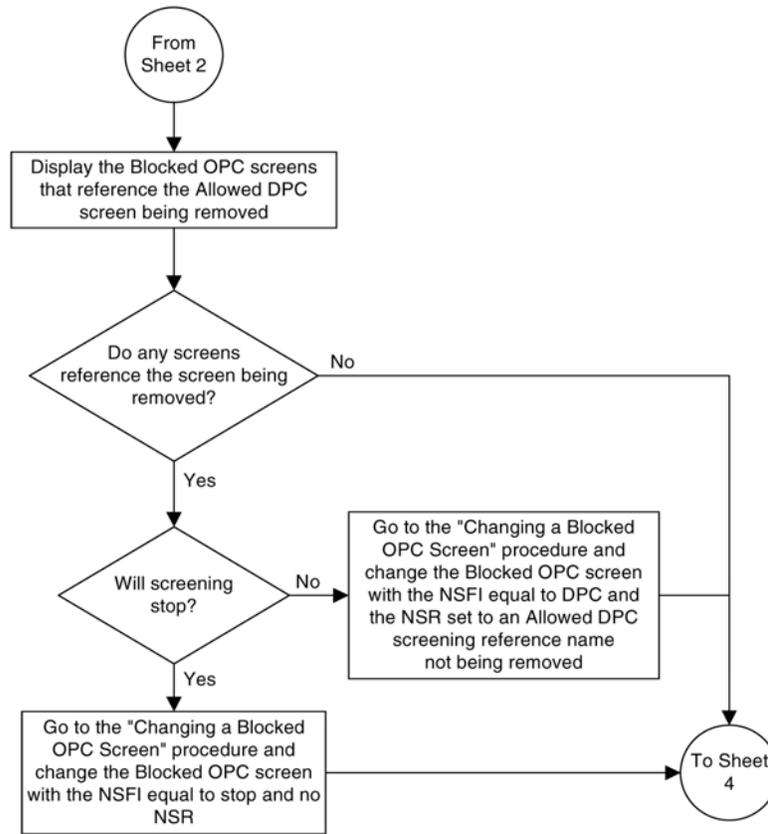
- If the allowed destination point code screen being removed from the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N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

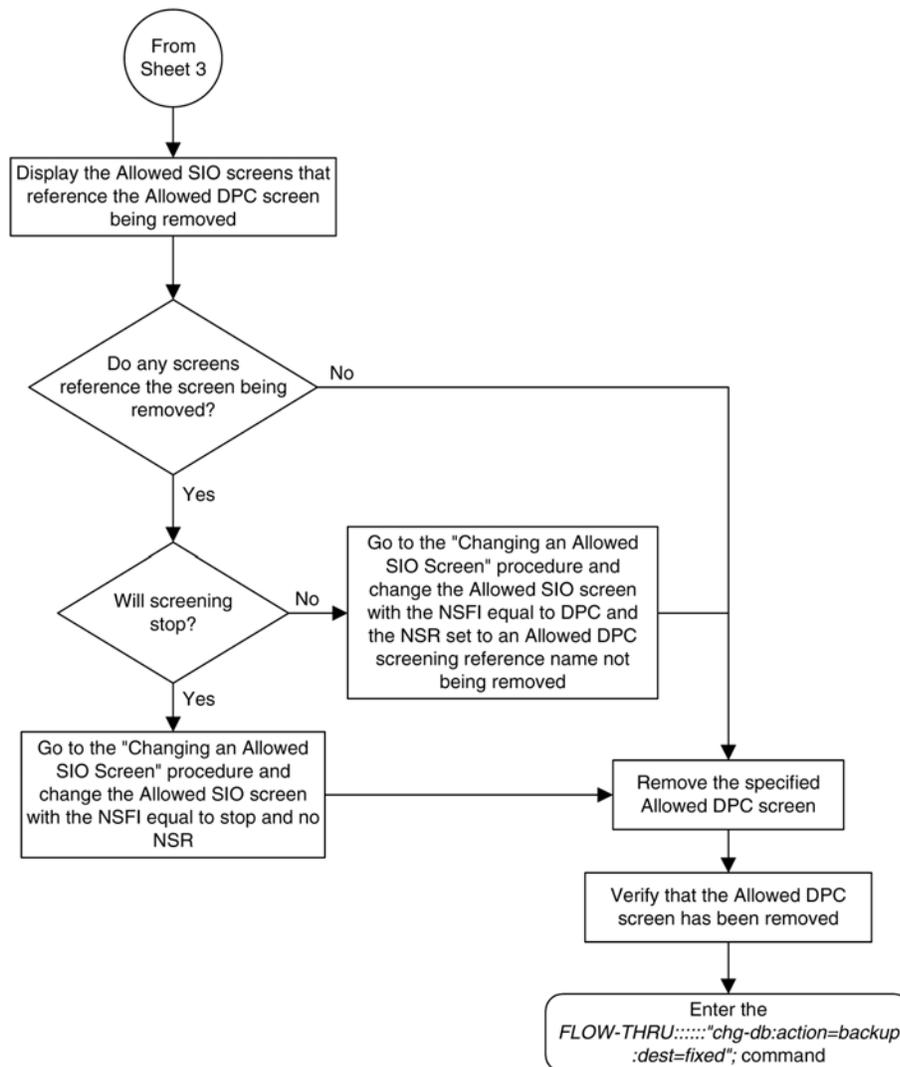
- If gateway screening stop action sets are assigned to the screens referencing the allowed destination point code screen being removed.

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









## 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*.

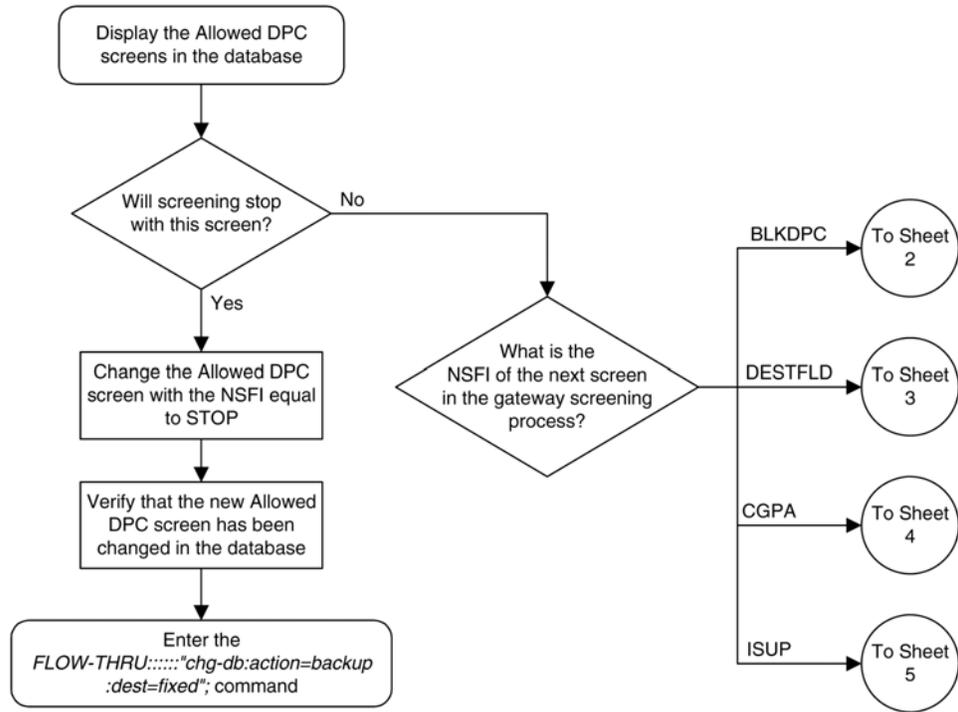
If any of the following items are used in changing the allowed destination point code screen in the database, perform the “Changing an Allowed DPC Screen” procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

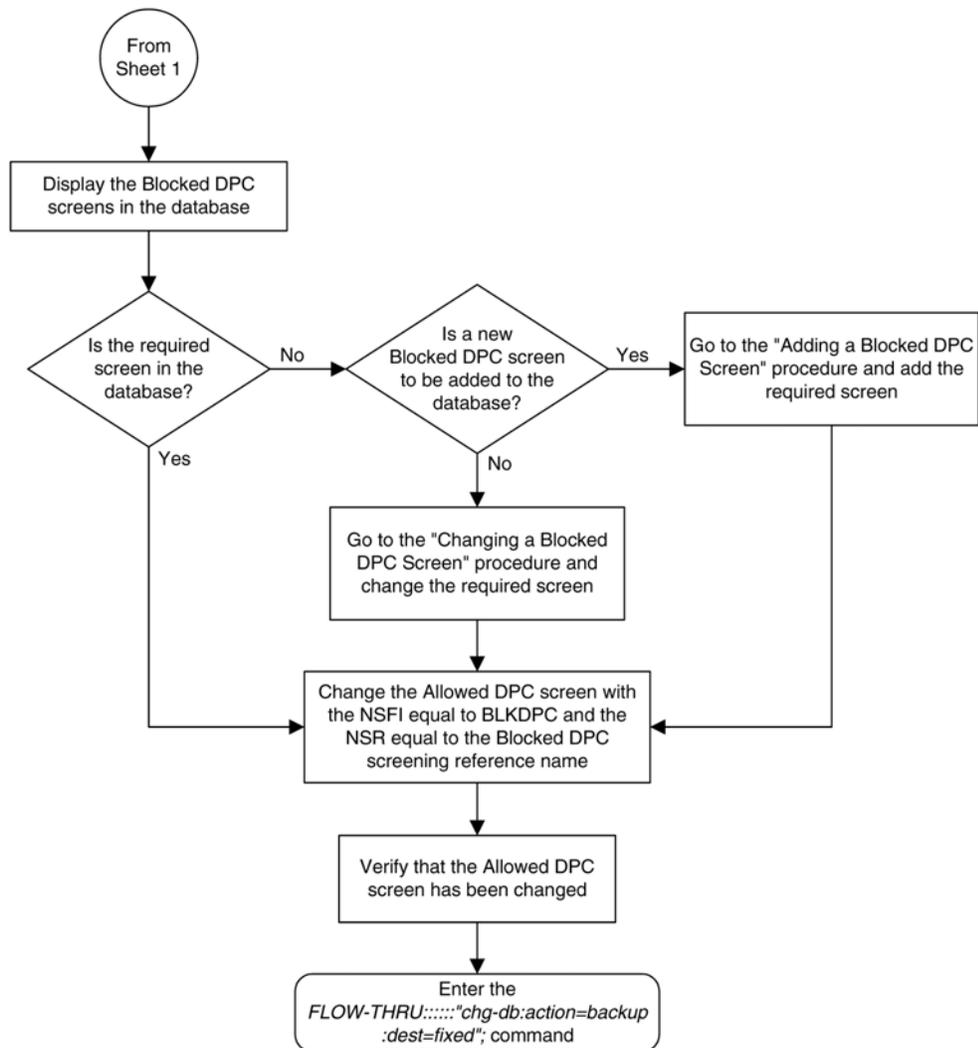
- If the allowed destination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst`

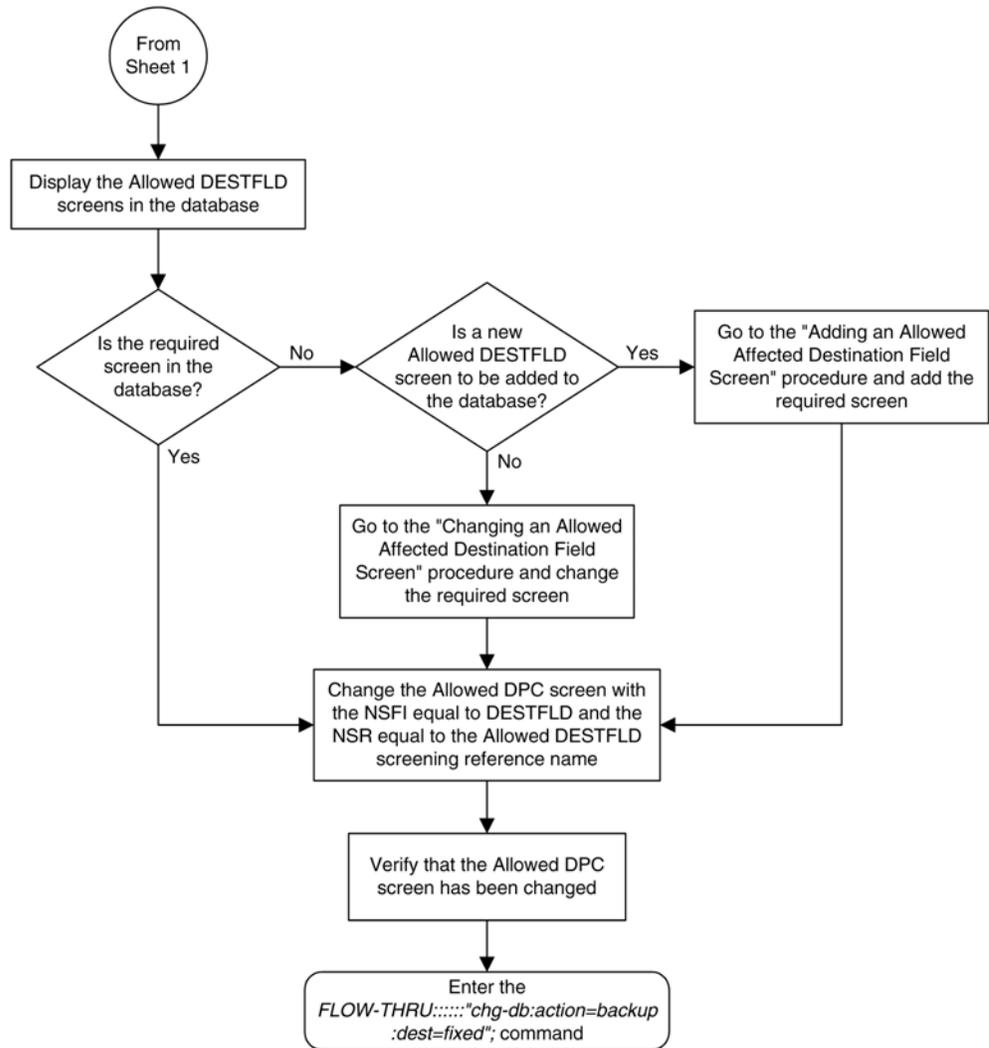
parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

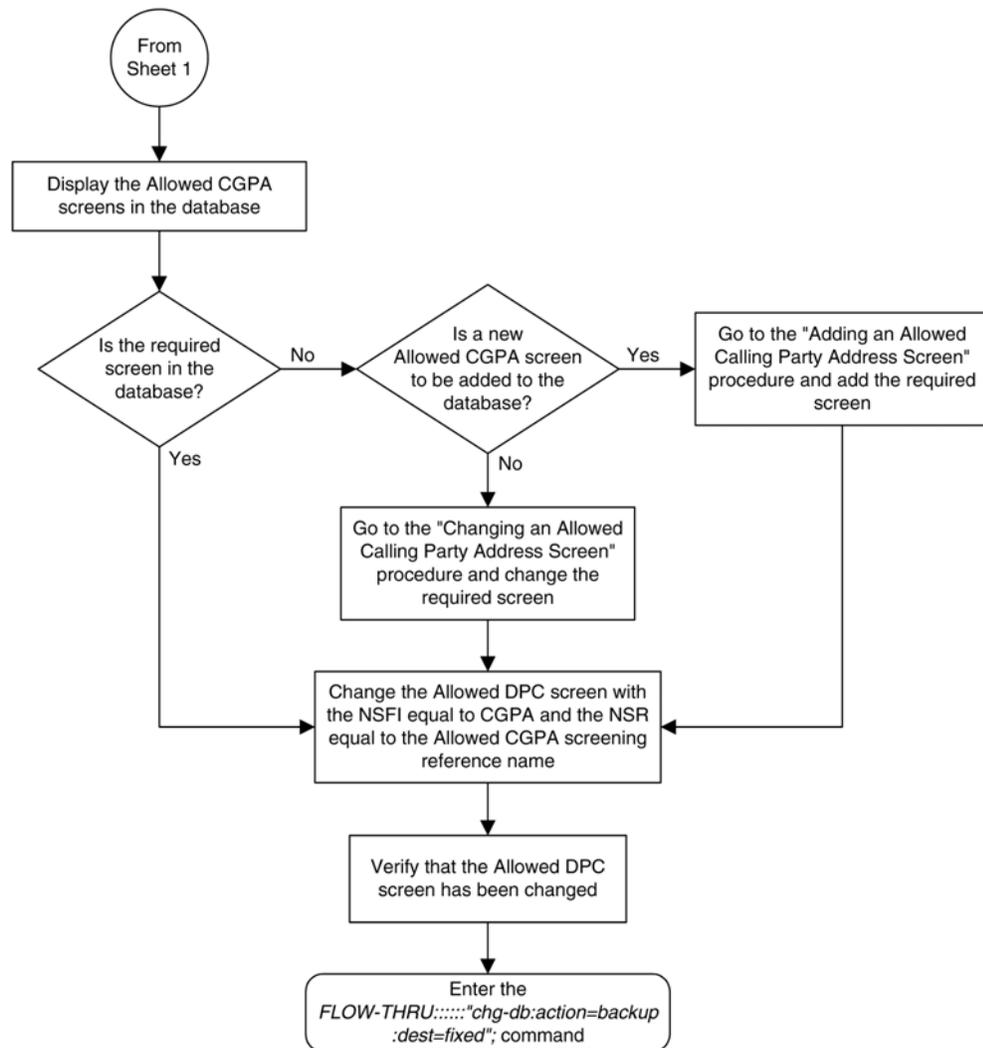
- If gateway screening stop action sets are assigned to the allowed destination point code screen being changed.

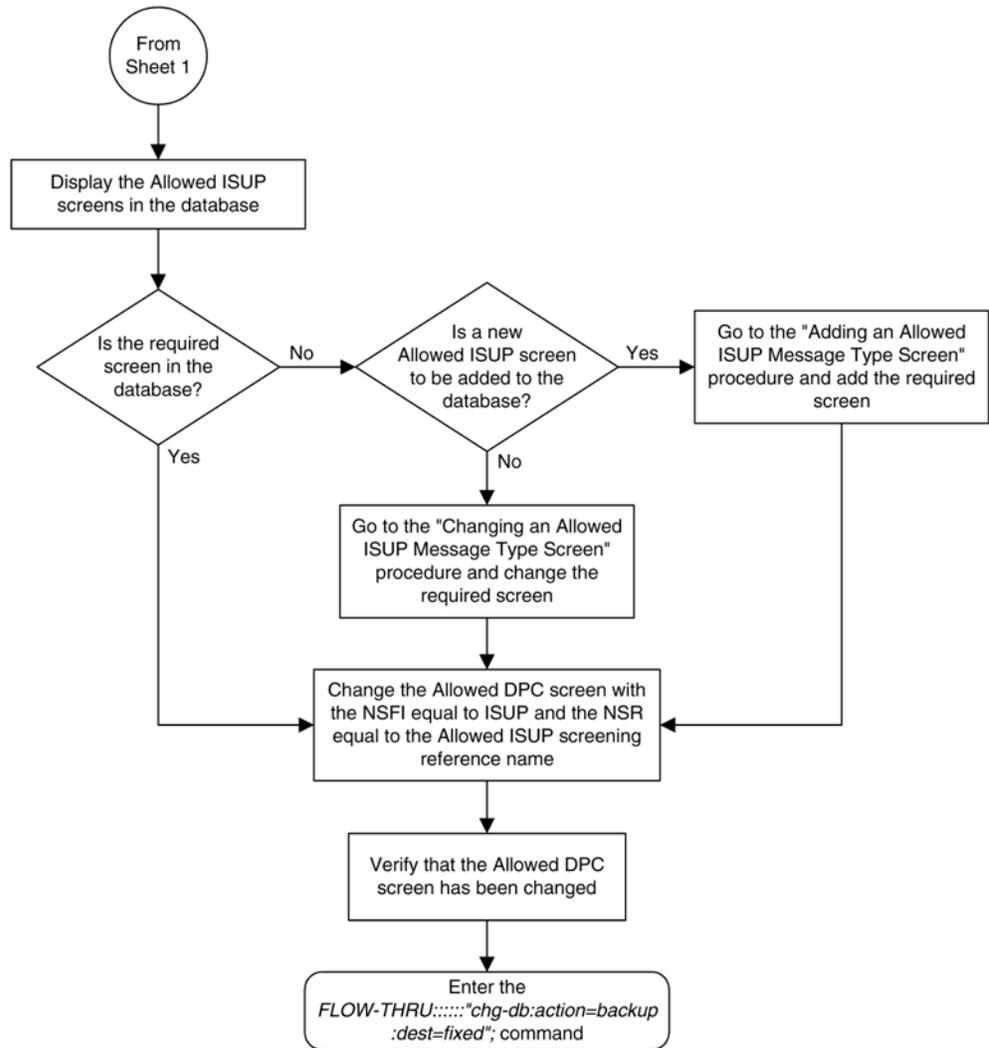
Figure 42: Changing an Allowed DPC Screen from the SEAS Terminal











## 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.

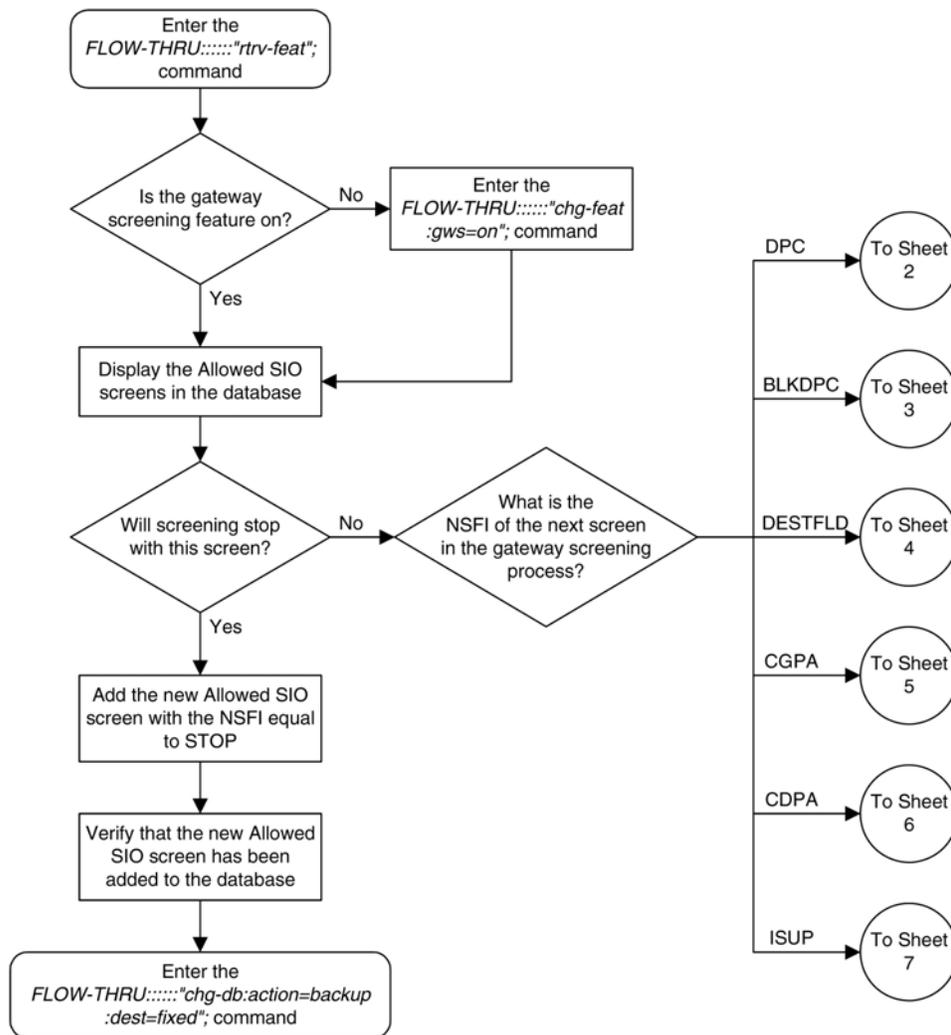
The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

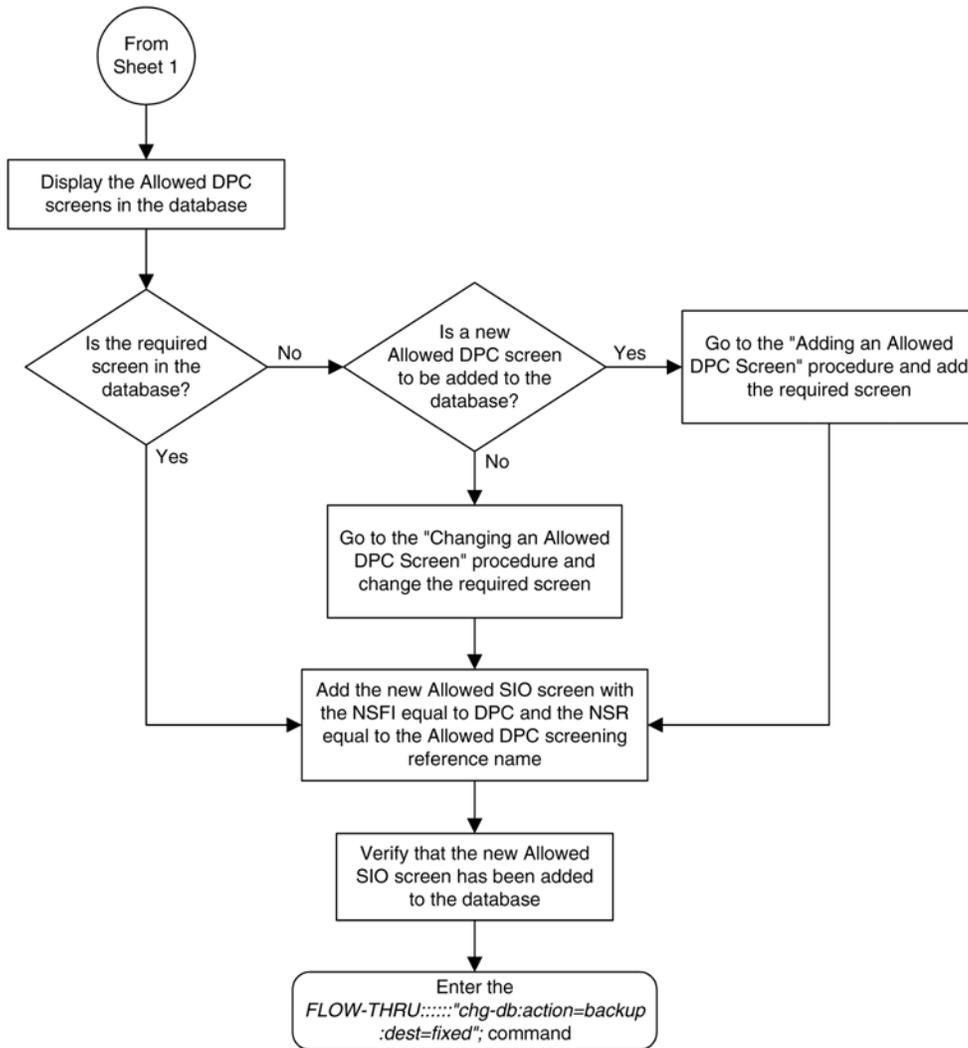
If gateway screening stop action sets are to be assigned to the allowed SIO screen being added to the database, perform the "Adding an Allowed SIO Screen" procedure in the Database

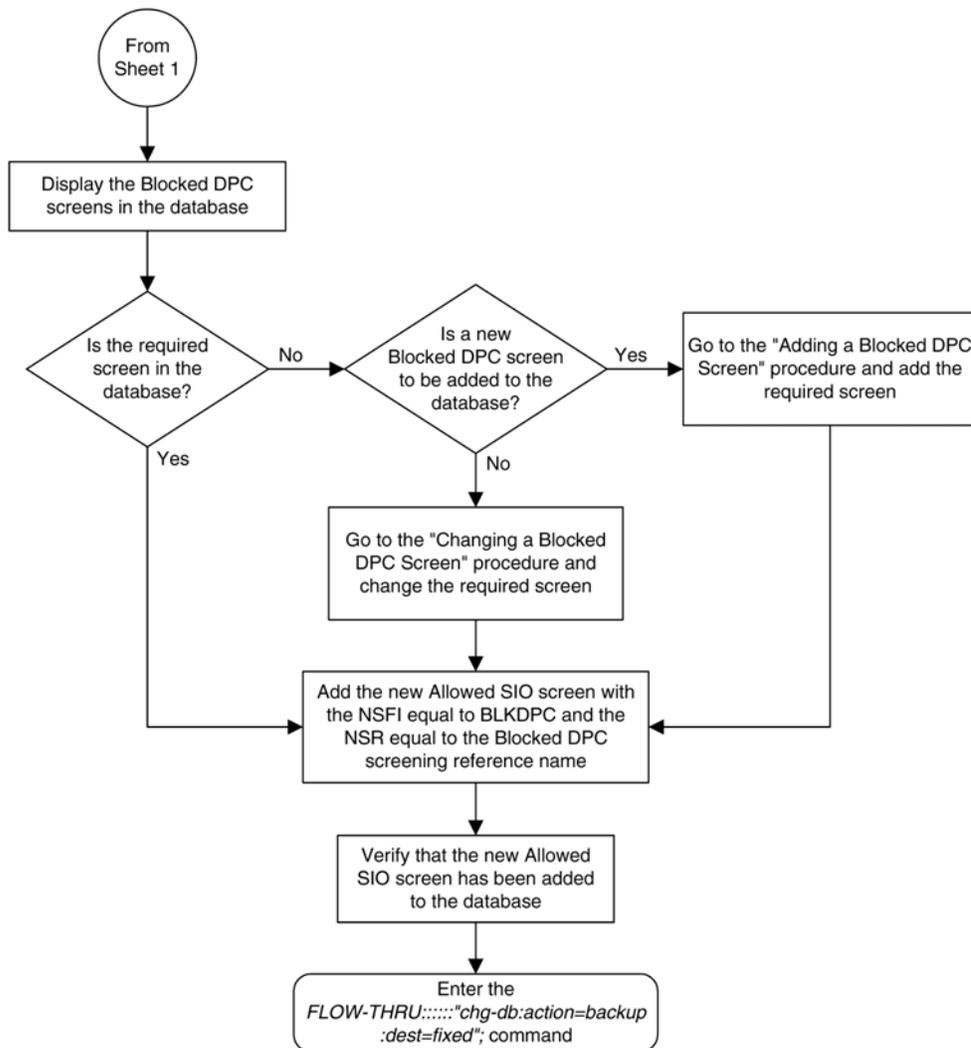
Administration Manual - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

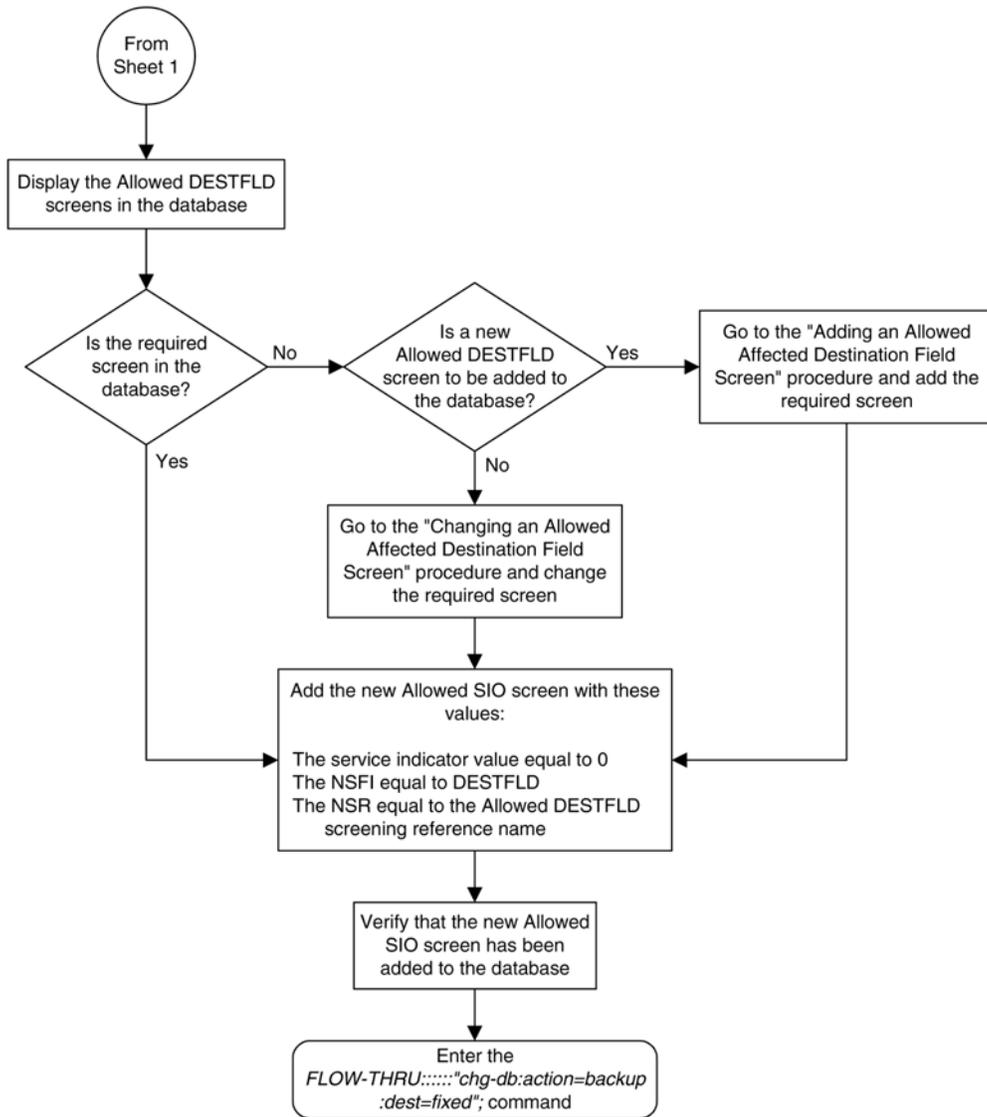
**Note:** Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

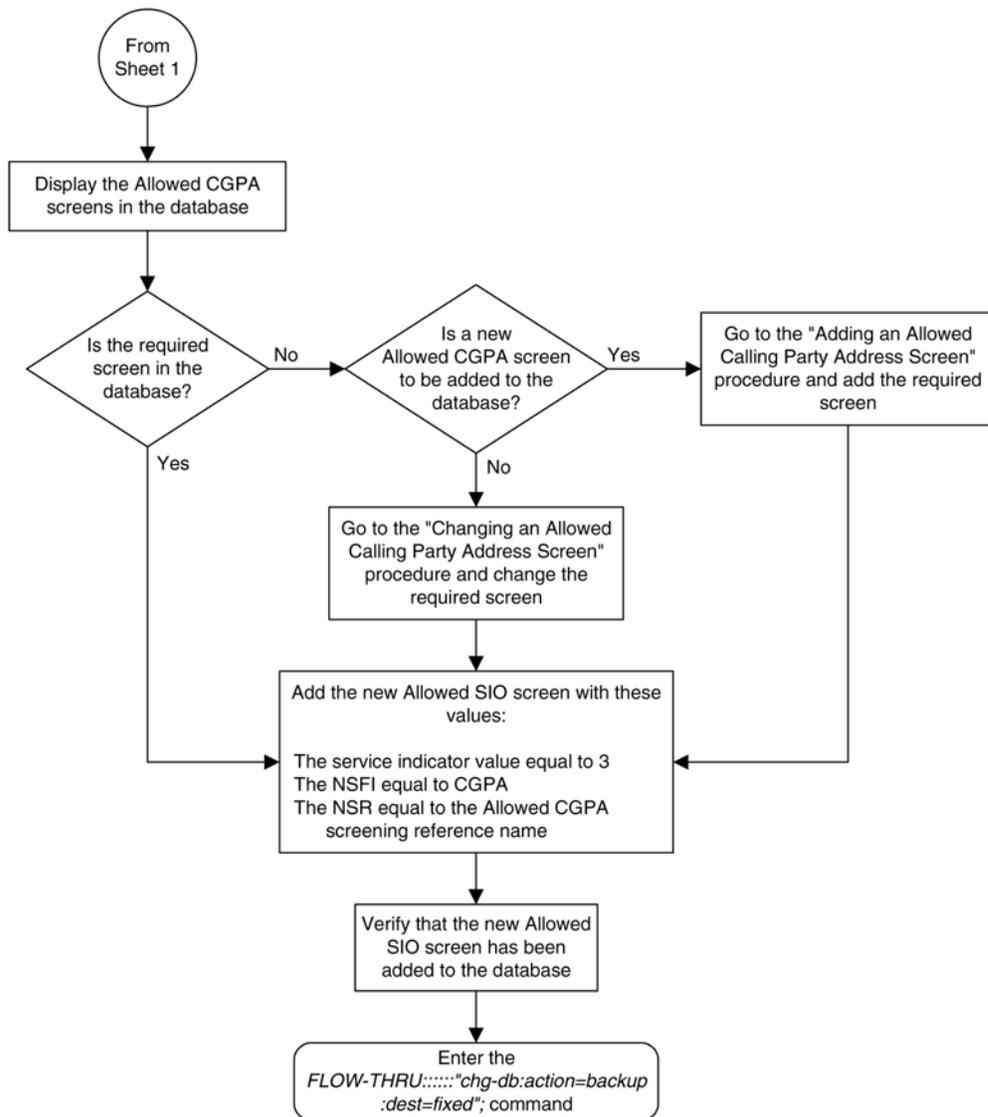
**Figure 43: Adding an Allowed SIO Screen from the SEAS Terminal**

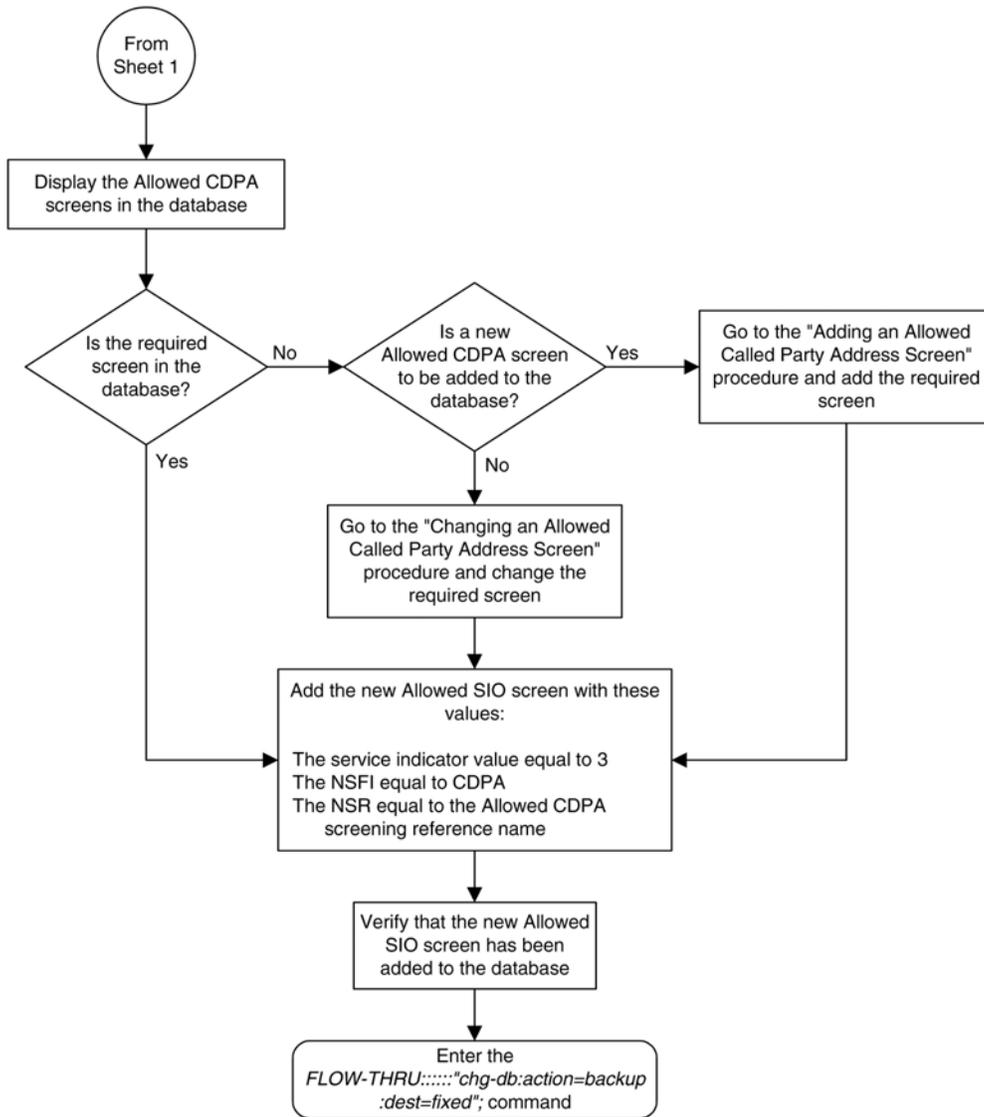


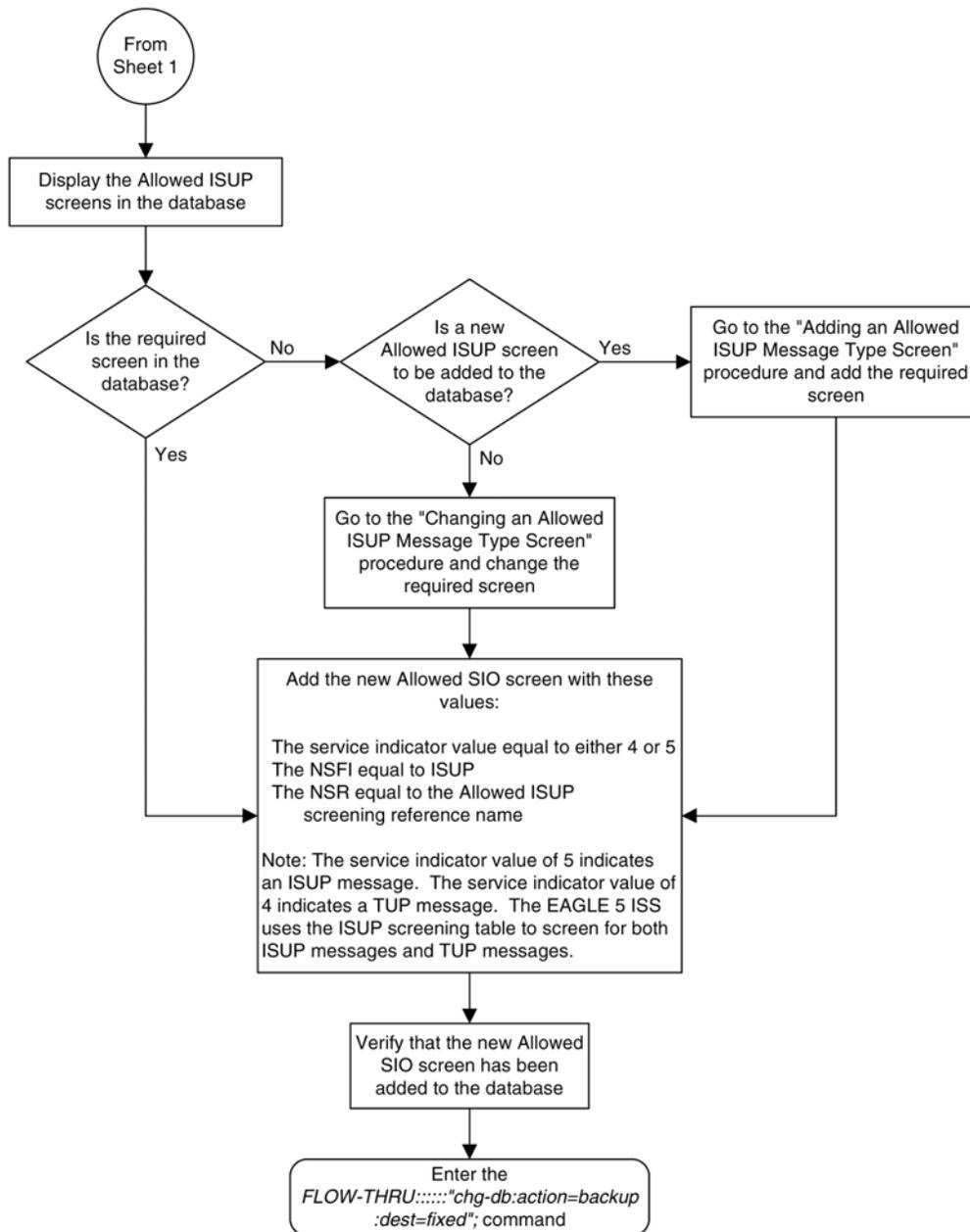












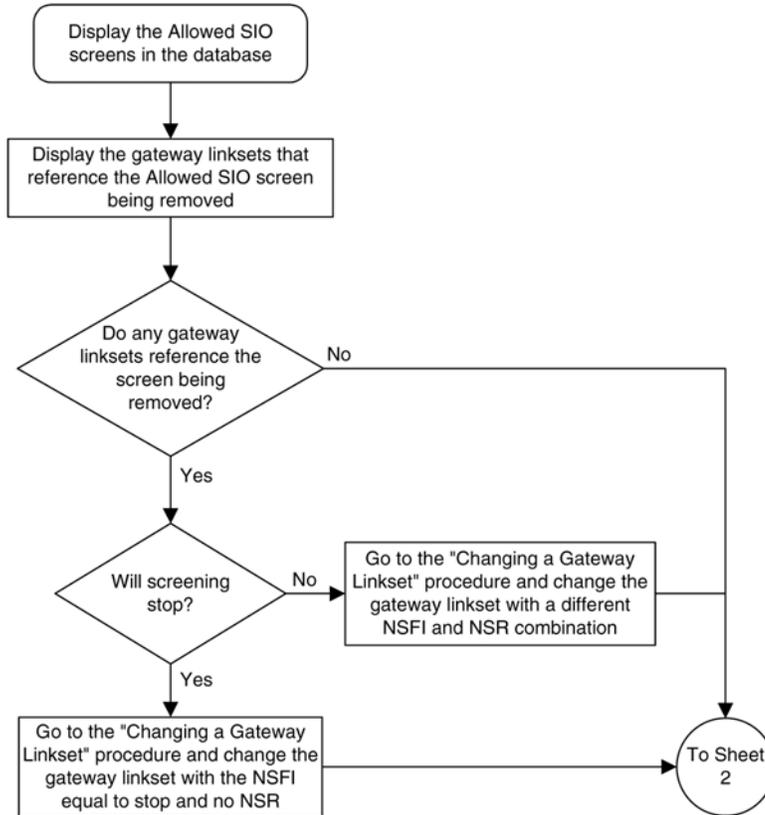
## Removing an Allowed SIO Screen

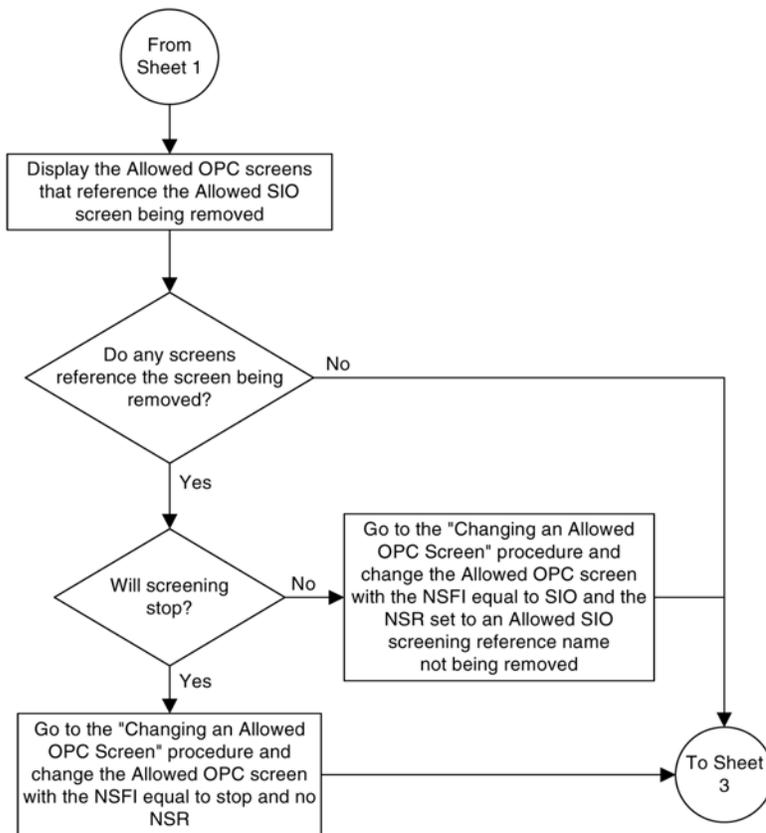
This procedure is used to remove an allowed SIO screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed SIO Screen" in the *Database Administration Manual - Gateway Screening*.

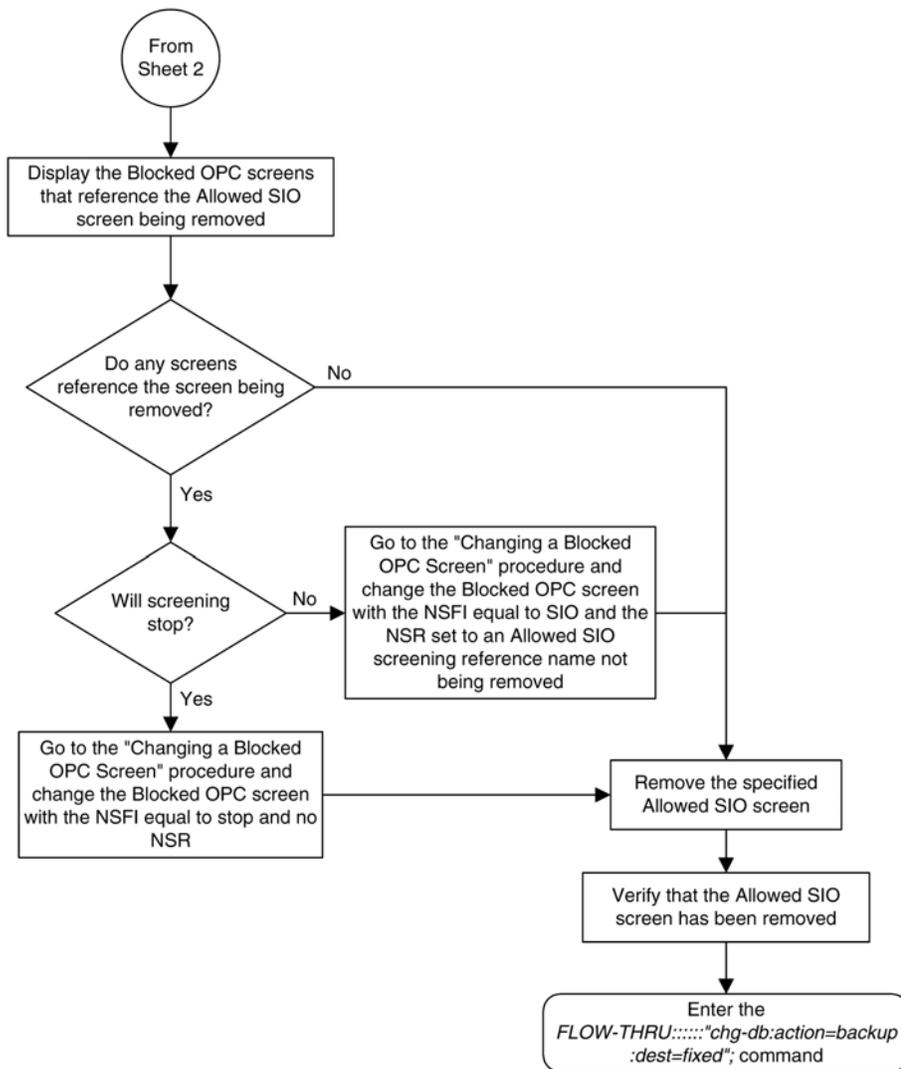
If gateway screening stop action sets are assigned to the screens referencing the allowed SIO screen being removed from the database, perform the "Removing an Allowed SIO Screen" procedure in

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

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





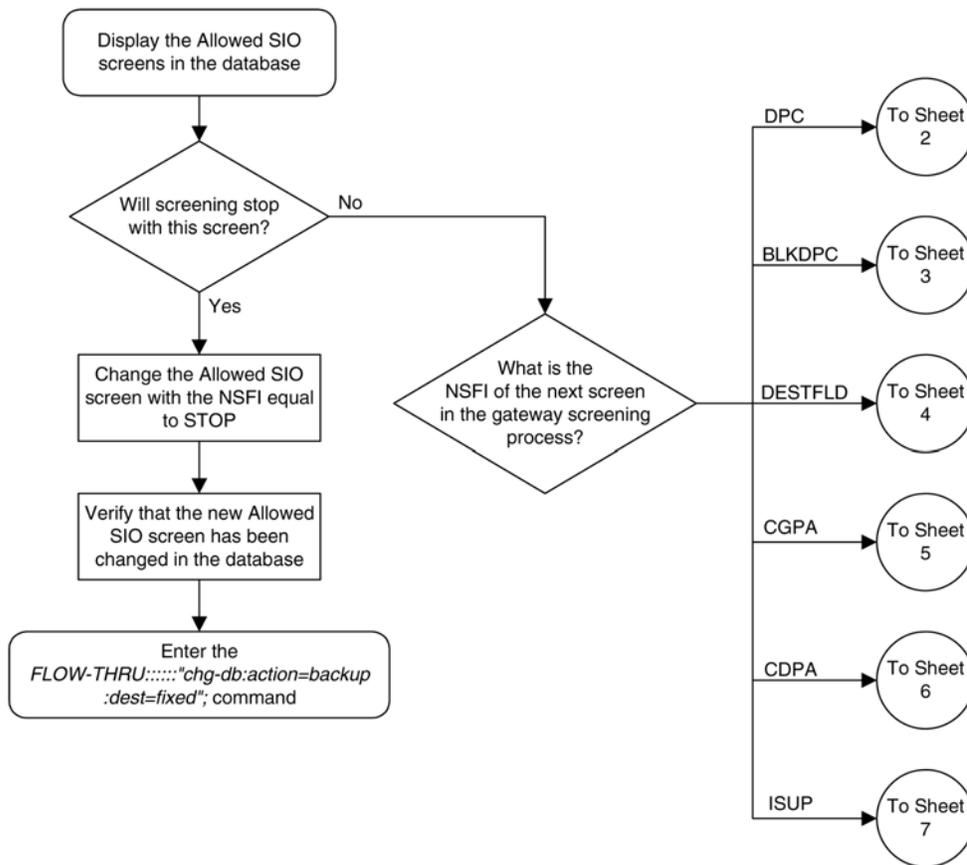


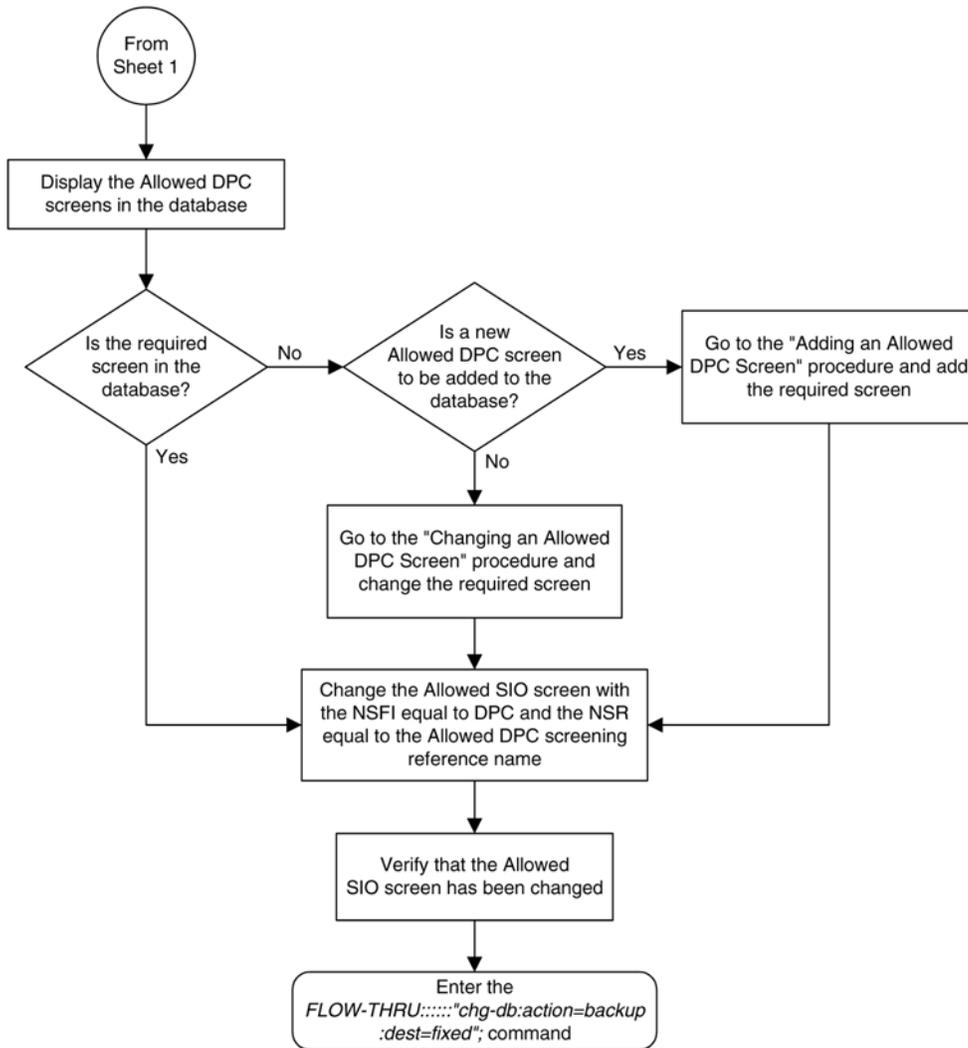
## Changing an Allowed SIO Screen

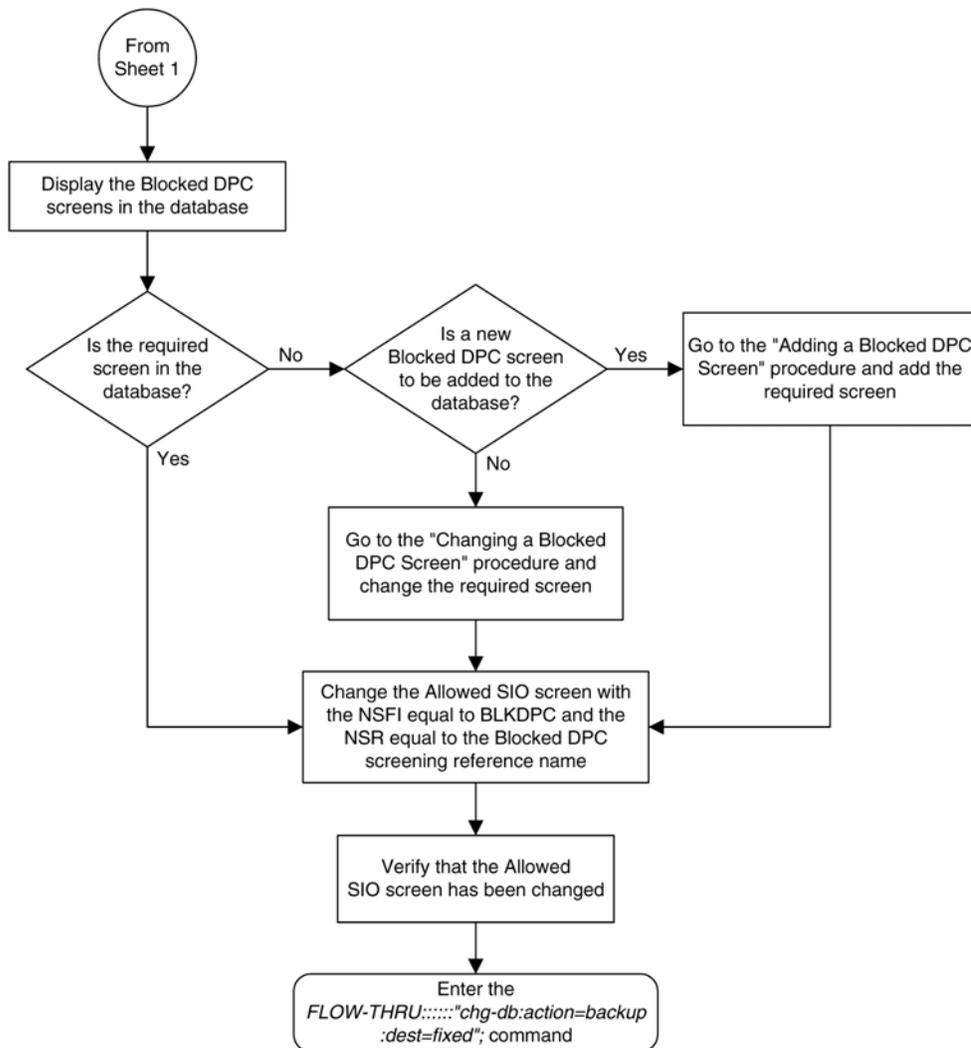
This procedure is used to change an allowed SIO screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see “Changing an Allowed SIO Screen” in the *Database Administration Manual - Gateway Screening* .

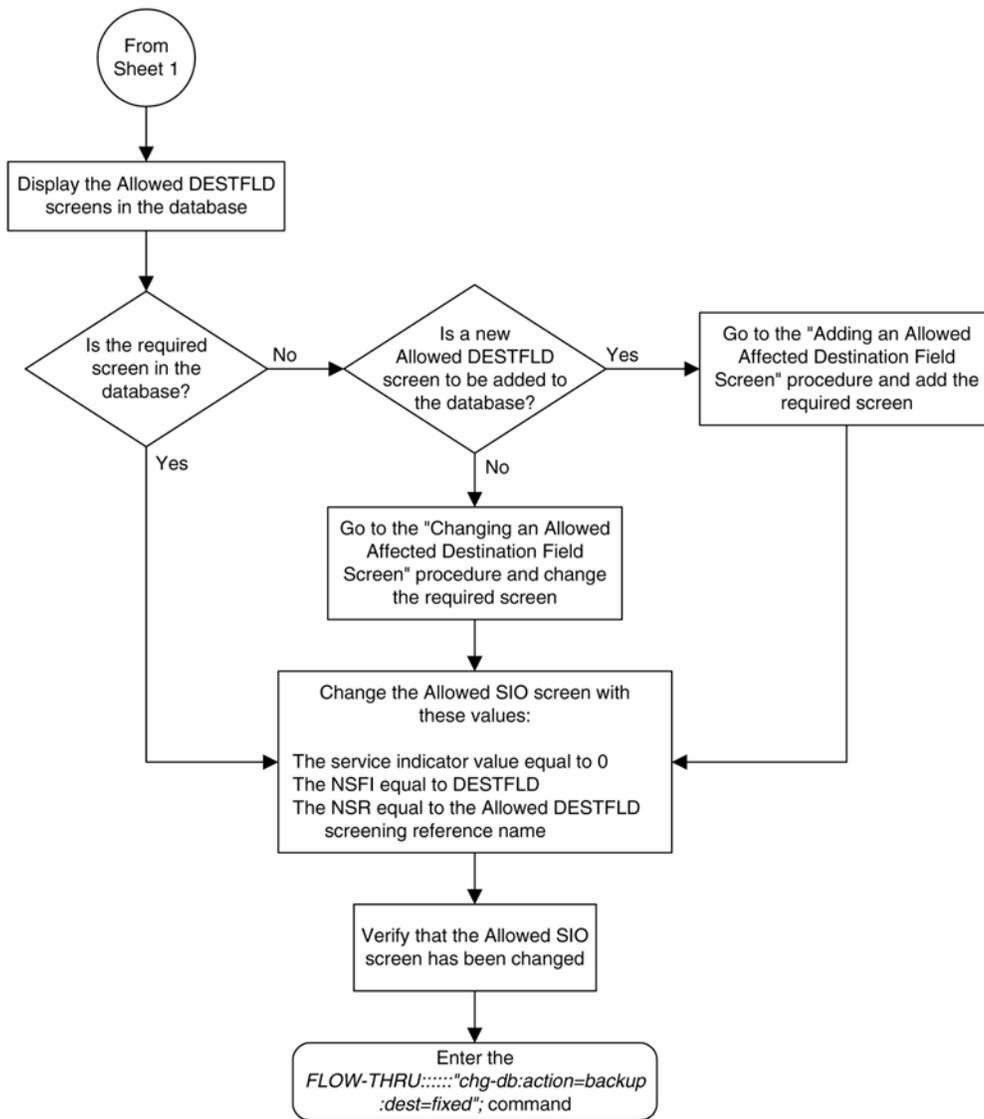
If gateway screening stop action sets are to be assigned to the allowed SIO screen being changed in the database, perform the “Changing an Allowed SIO Screen” procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands.

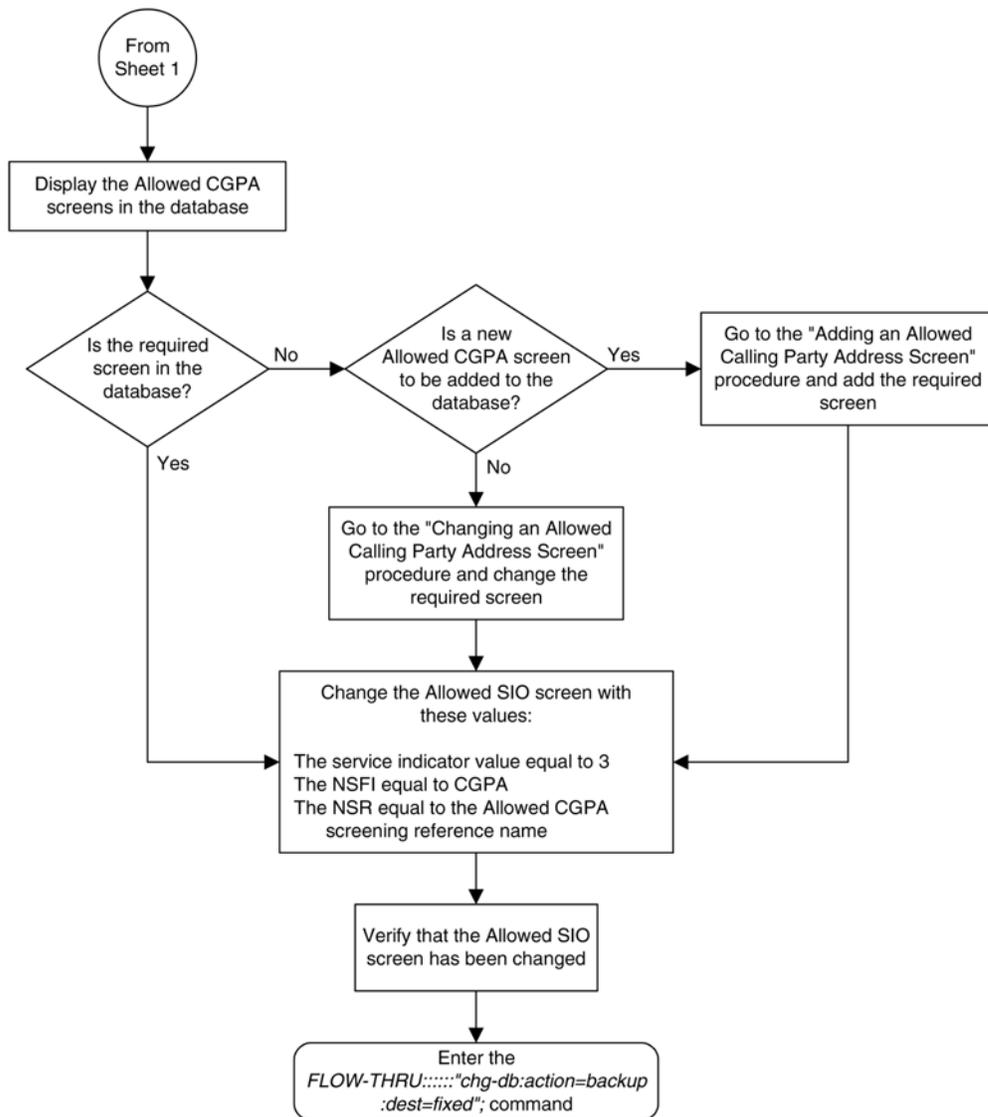
**Figure 45: Changing an Allowed SIO Screen from the SEAS Terminal**

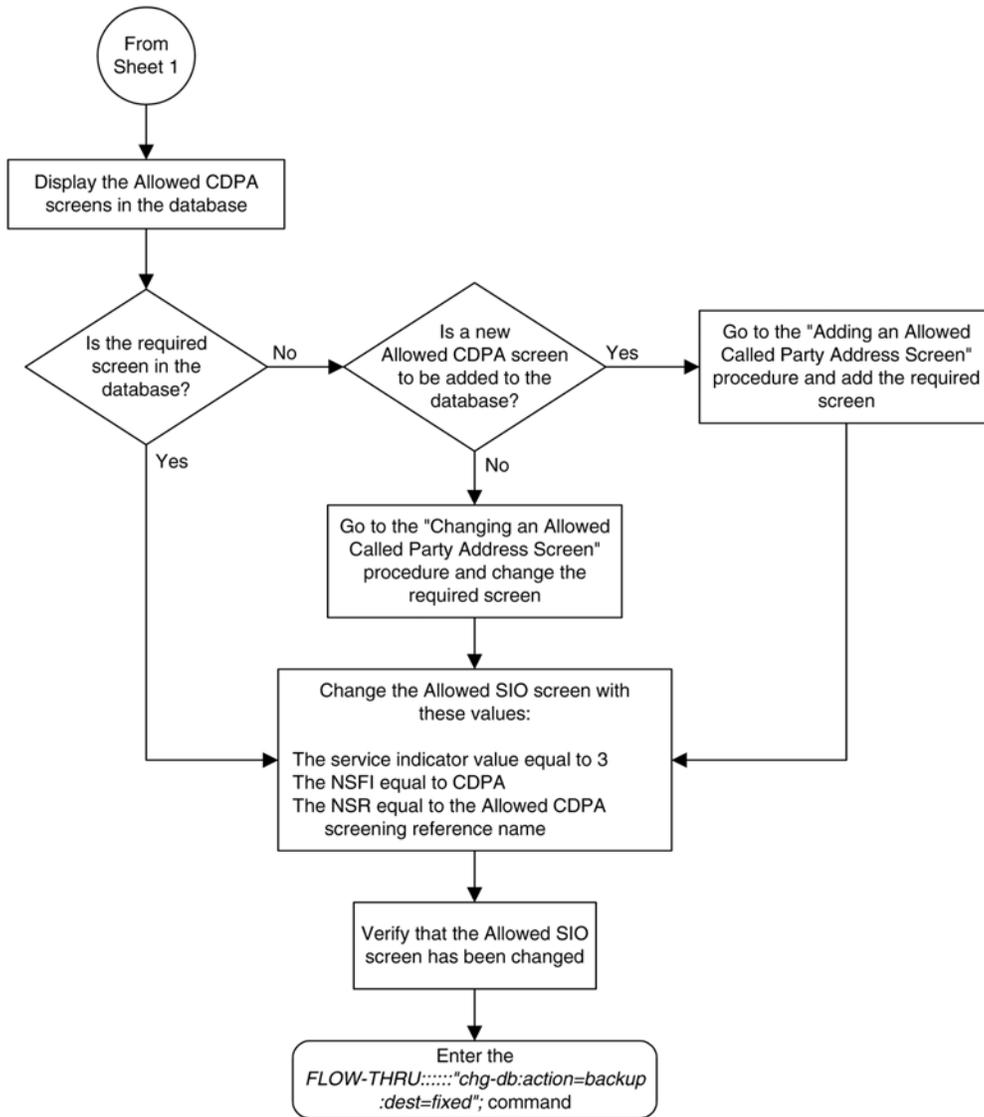


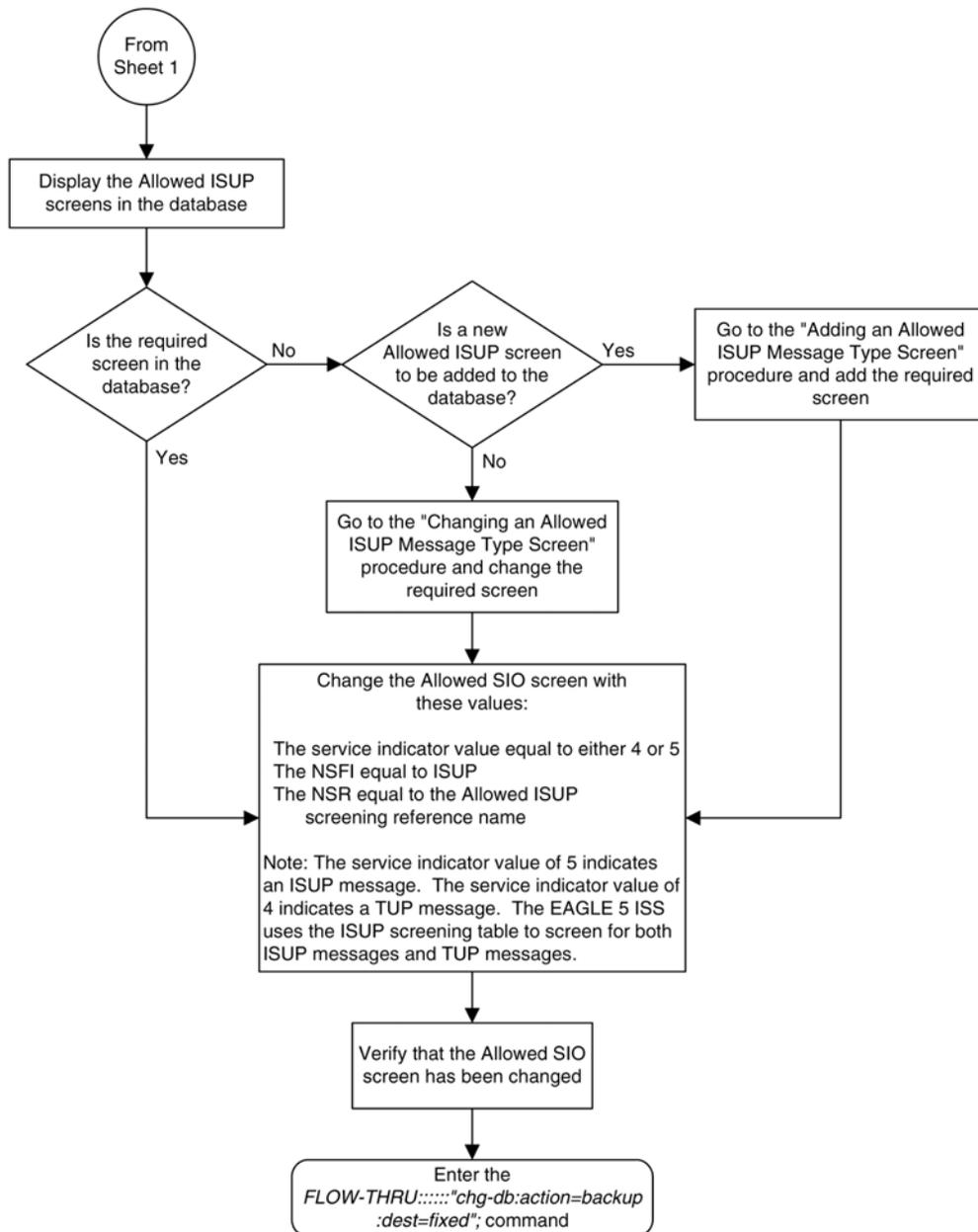












## Adding a Blocked OPC Screen

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.

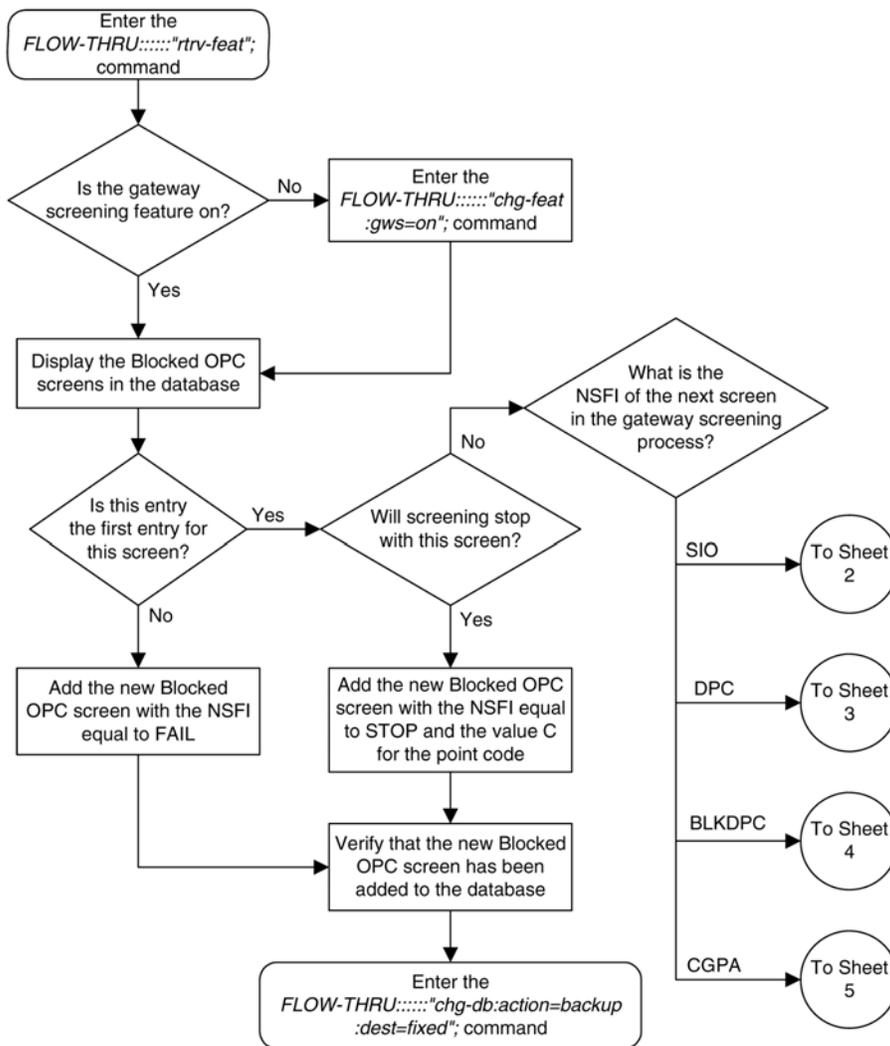
The gateway screening feature must be purchased before you turn the features on with the `chg-feat` command. If you are not sure whether you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

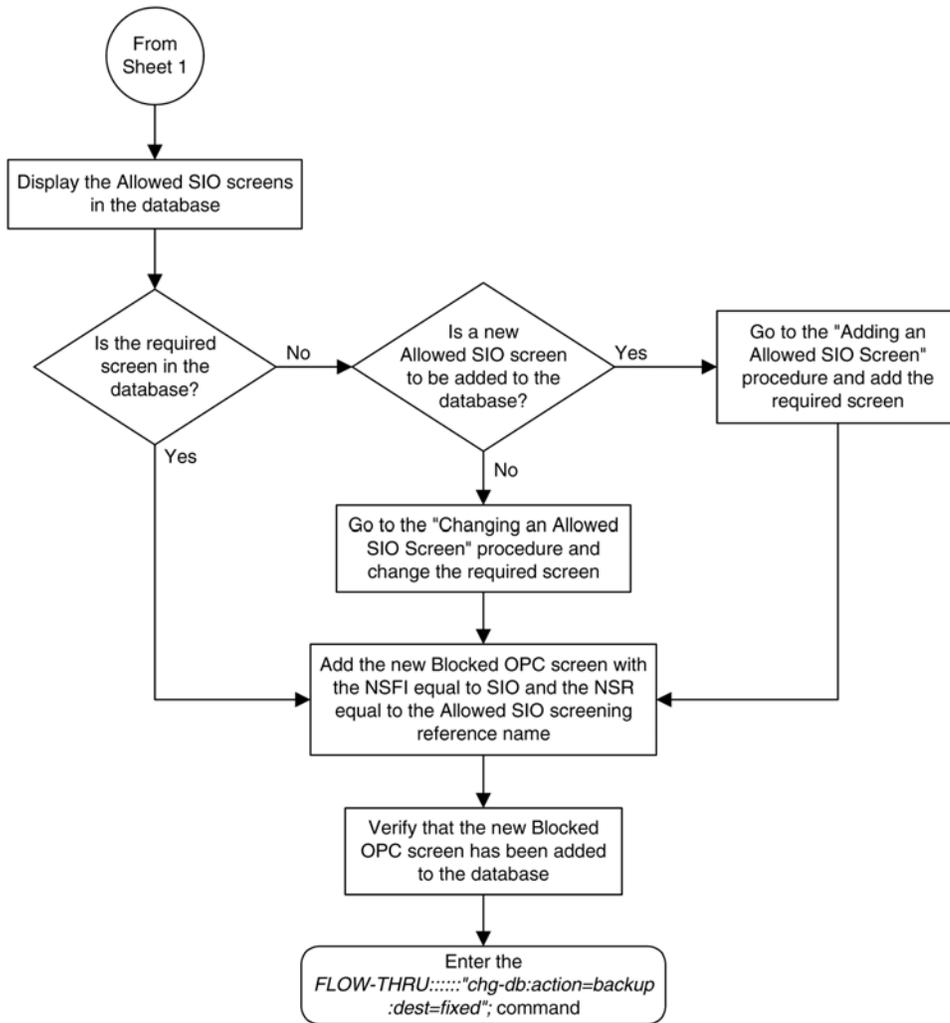
If you wish to use any of these items in adding the blocked origination point code screen to the database, perform the "Adding a Blocked OPC Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

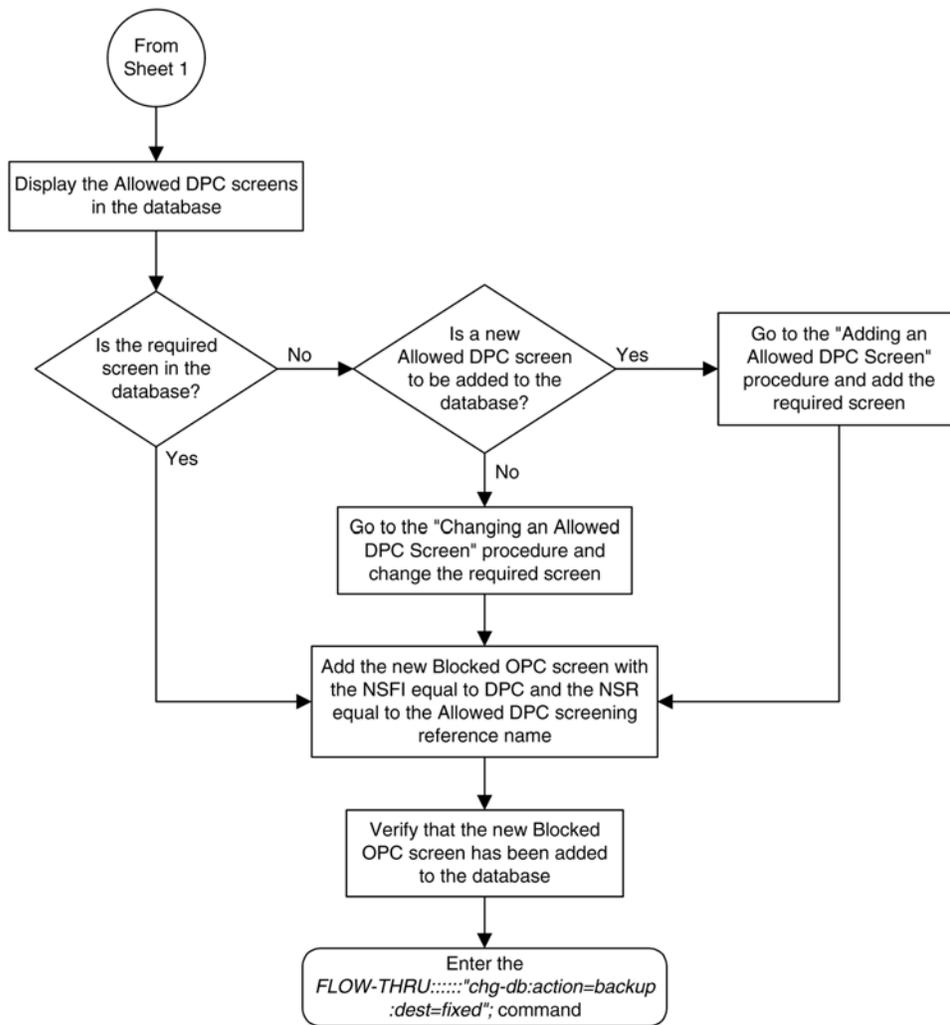
- If the blocked origination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point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

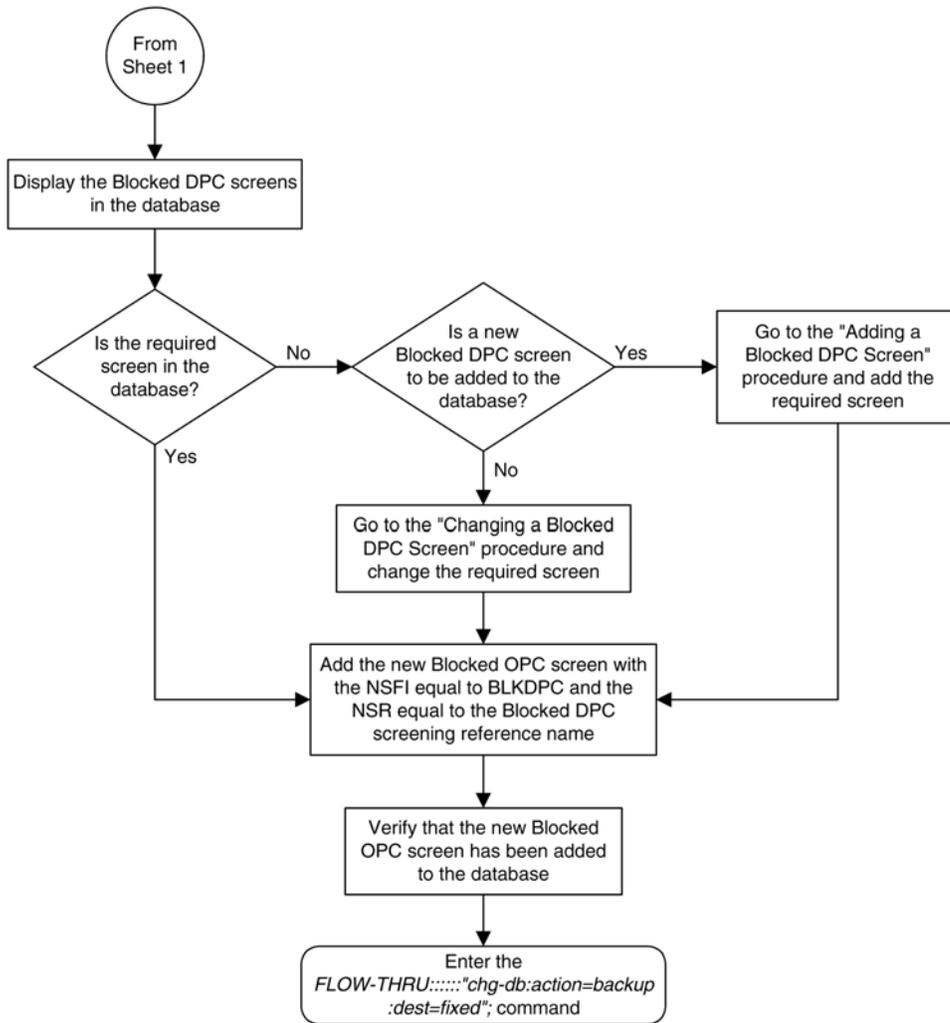
**Note:** Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

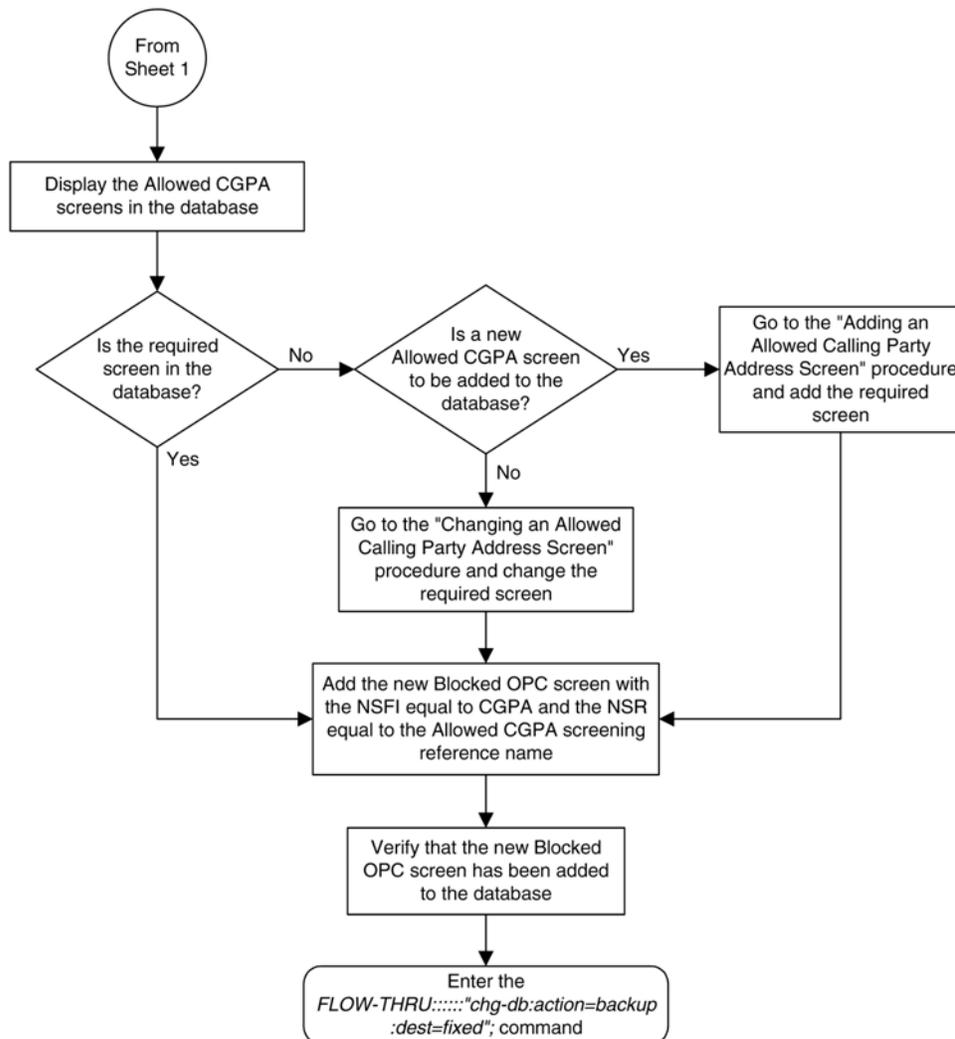
**Figure 46: Adding a Blocked OPC Screen from the SEAS Terminal**











## Removing a Blocked OPC Screen

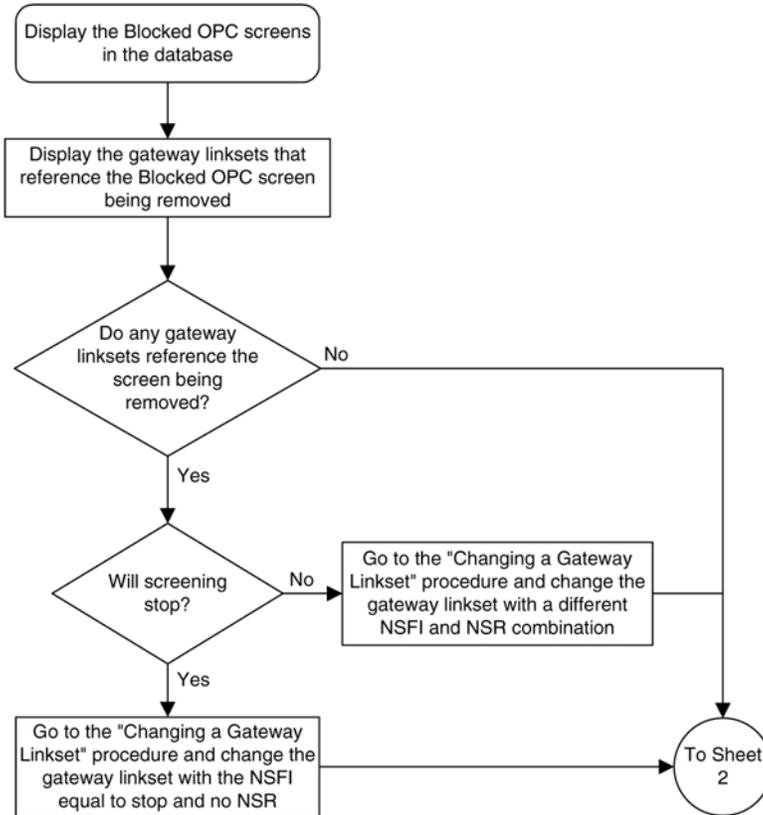
This procedure is used to remove a blocked origination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing a Blocked OPC Screen" in the *Database Administration Manual - Gateway Screening*.

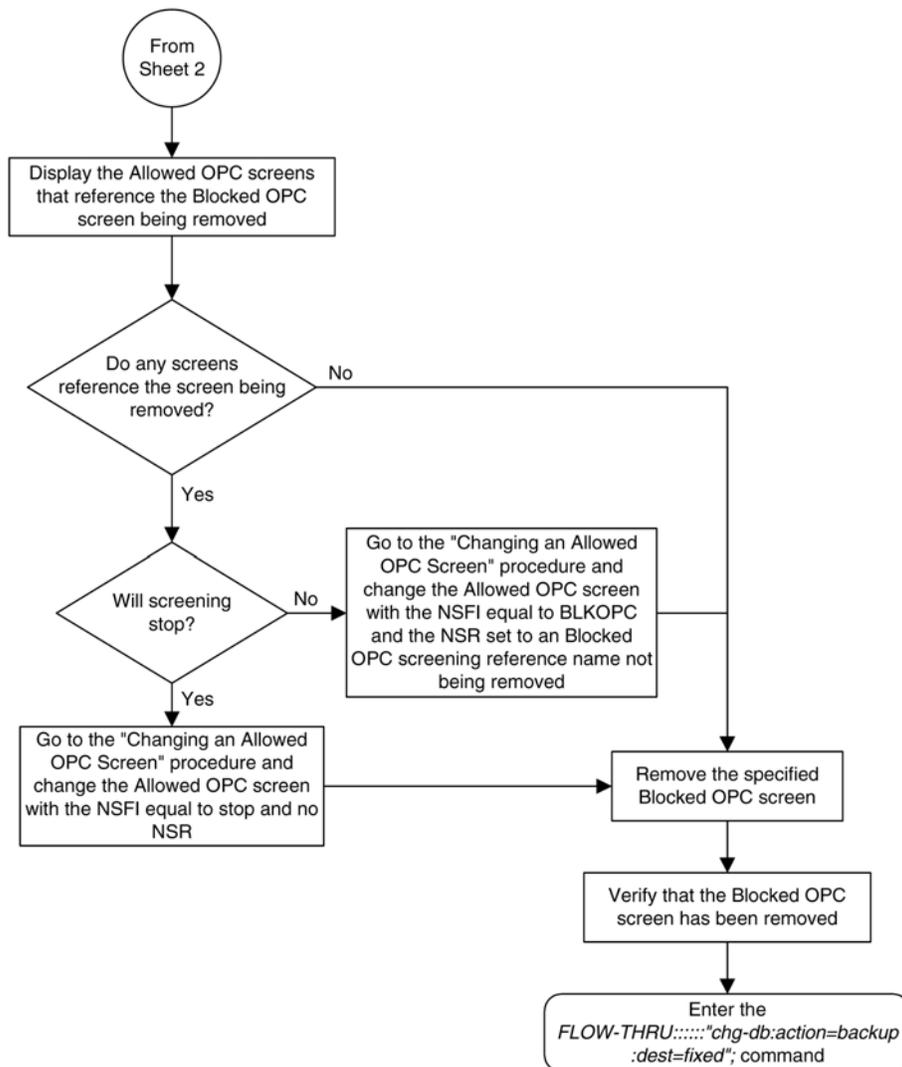
If any of the following items are used in removing the blocked origination point code screen from the database, perform the "Removing a Blocked OPC Screen" procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

- 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.

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





## 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*.

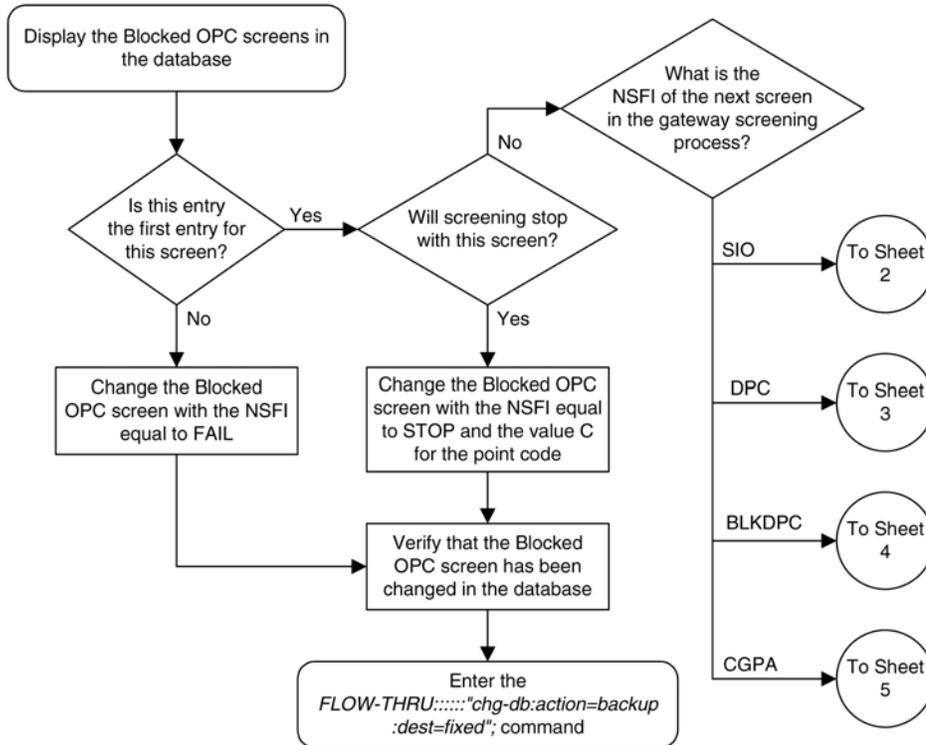
If any of the following items are used in changing the blocked origination point code screen in the database, perform the “Changing a Blocked OPC Screen” procedure in the *Database Administration Manual - Gateway Screening* using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

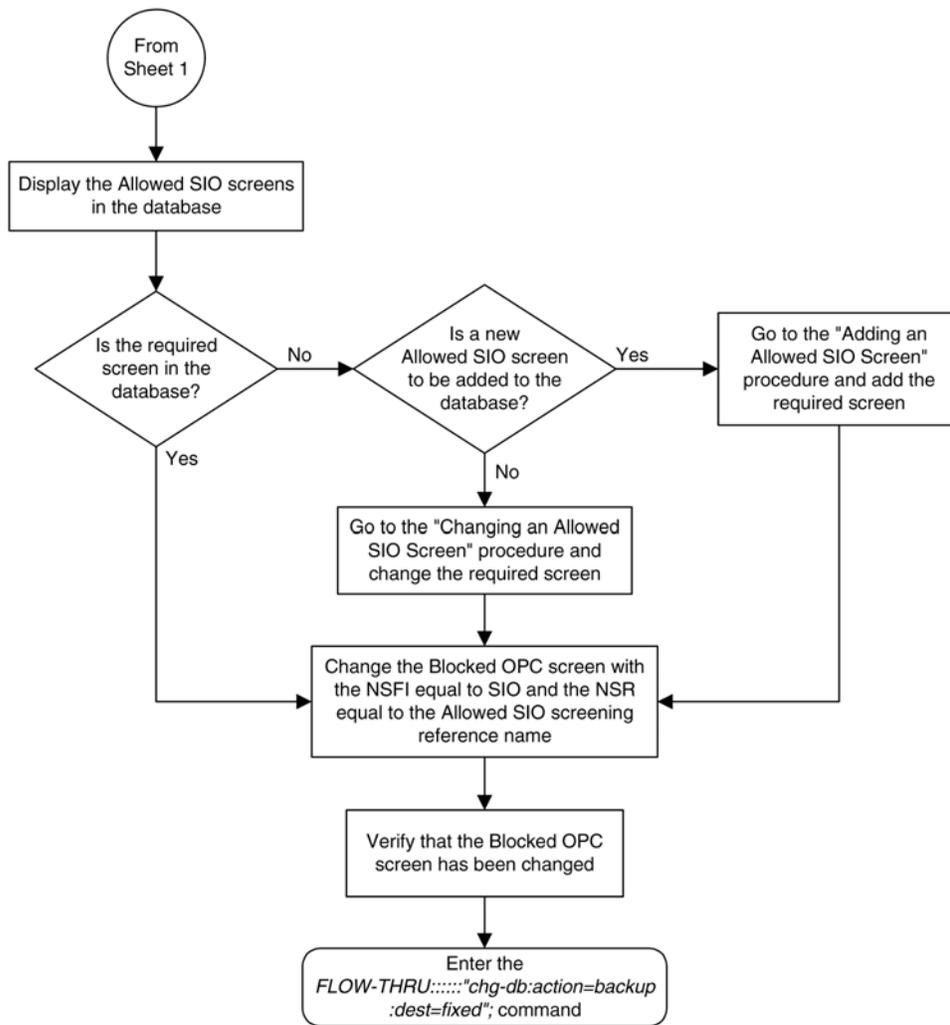
- If the blocked origination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst`

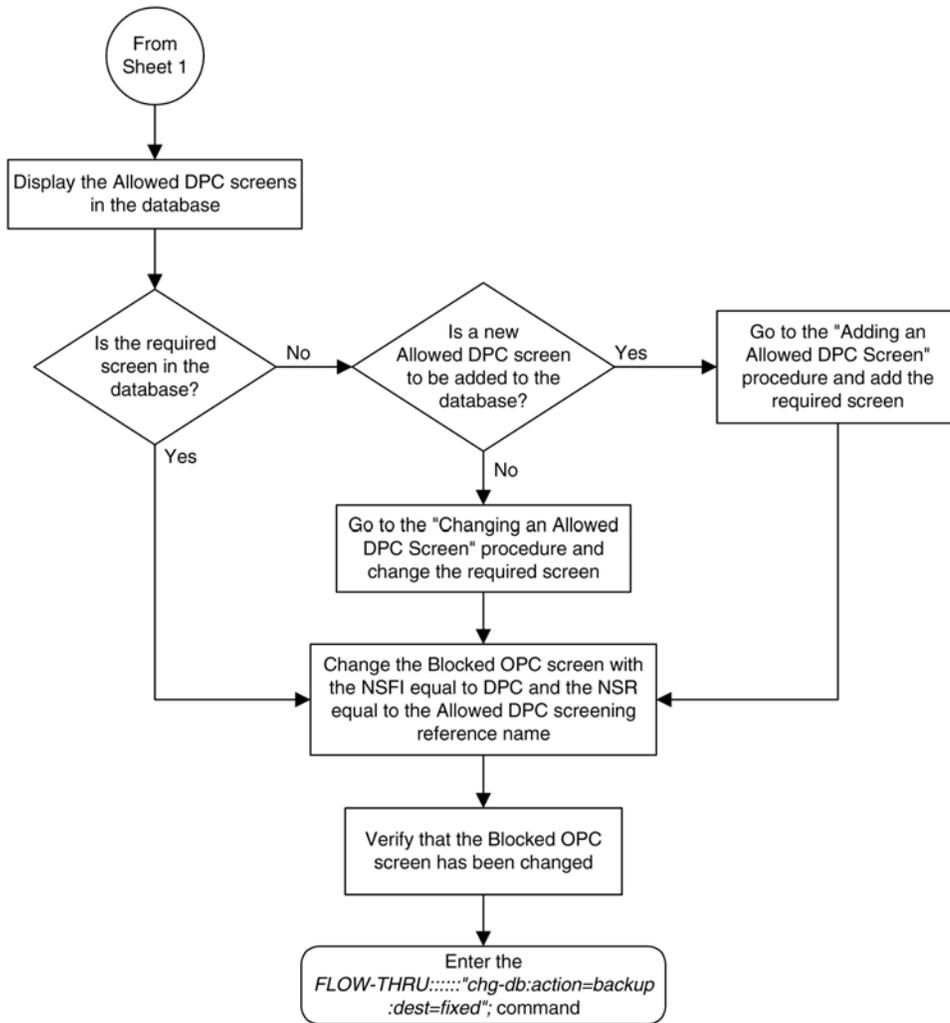
parameters can be used only with ITU-I or 14-bit ITU-N point codes and cannot be used with SEAS.

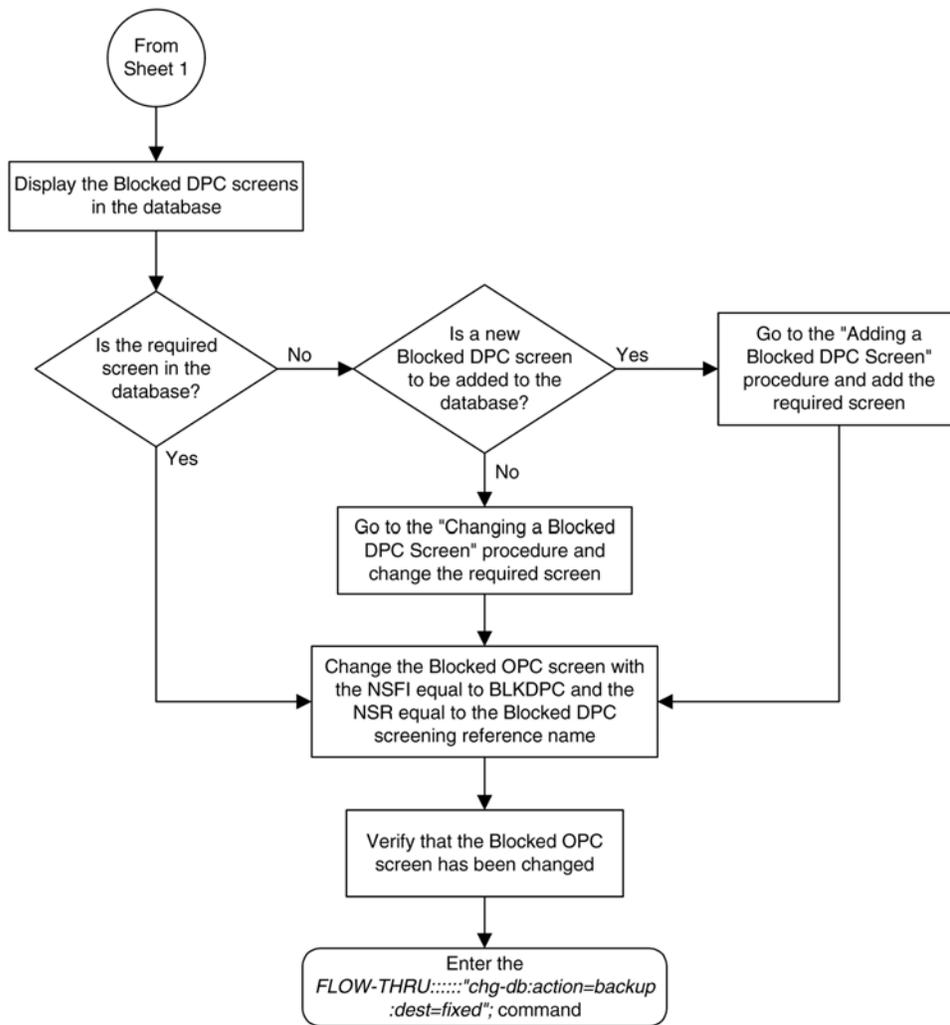
- If gateway screening stop action sets are assigned to the blocked origination point code screen being changed.

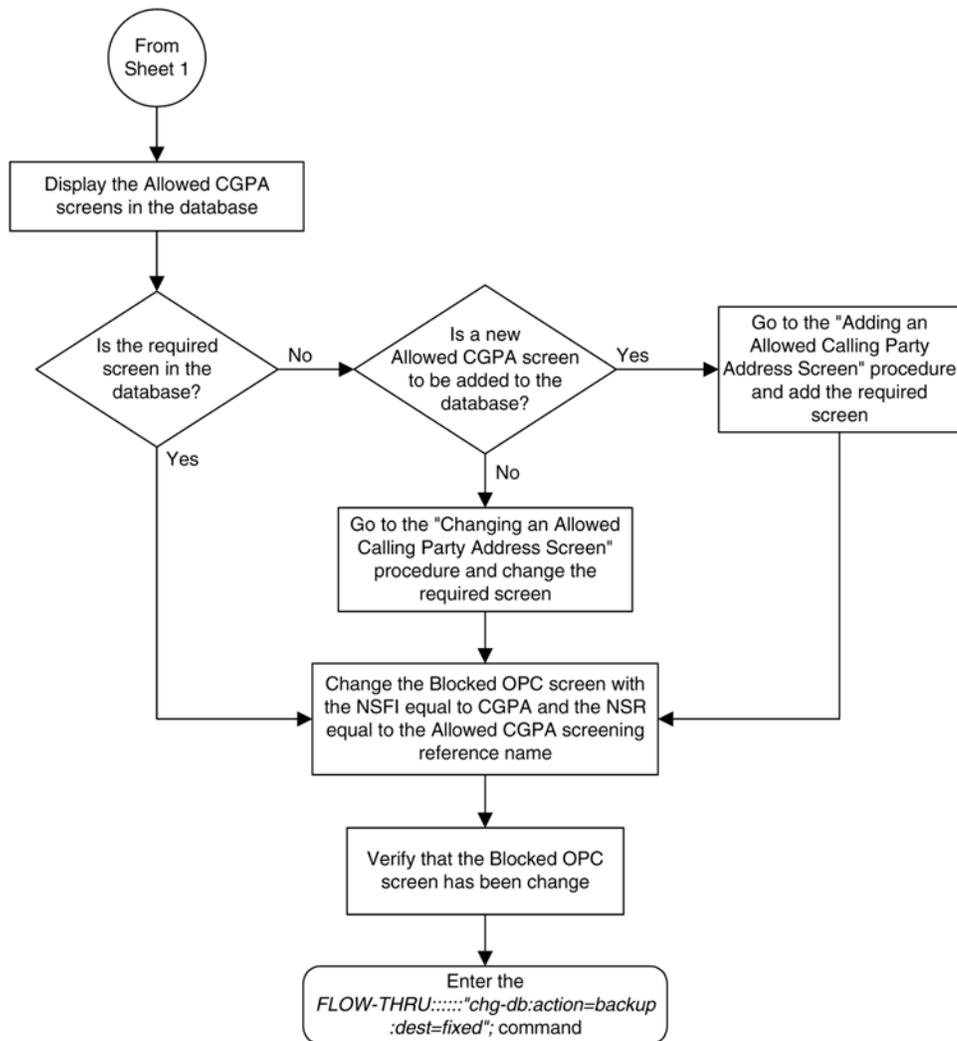
**Figure 48: Changing a Blocked OPC Screen from the SEAS Terminal**











## 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 `rtvr-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.

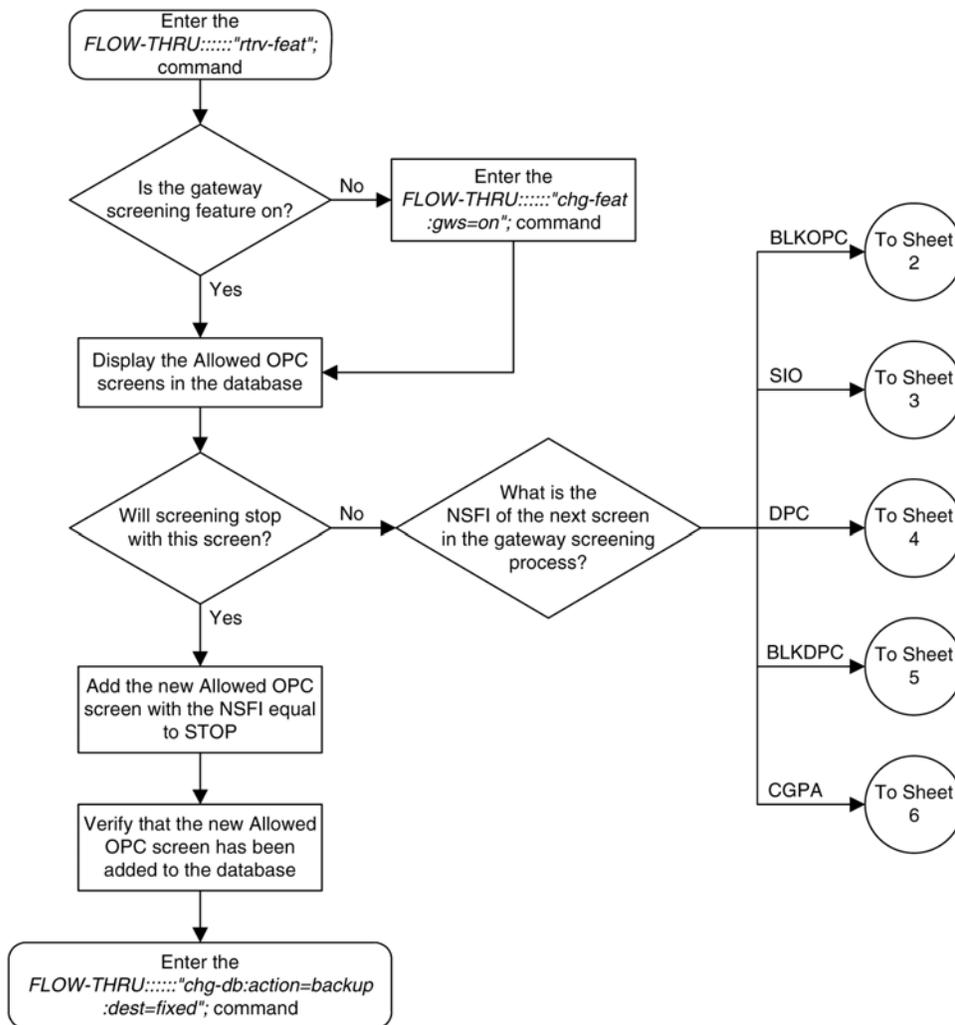
If you wish to use any of these items in adding the allowed origination point code screen to the database, perform the "Adding an Allowed OPC Screen" procedure in the *Database Administration*

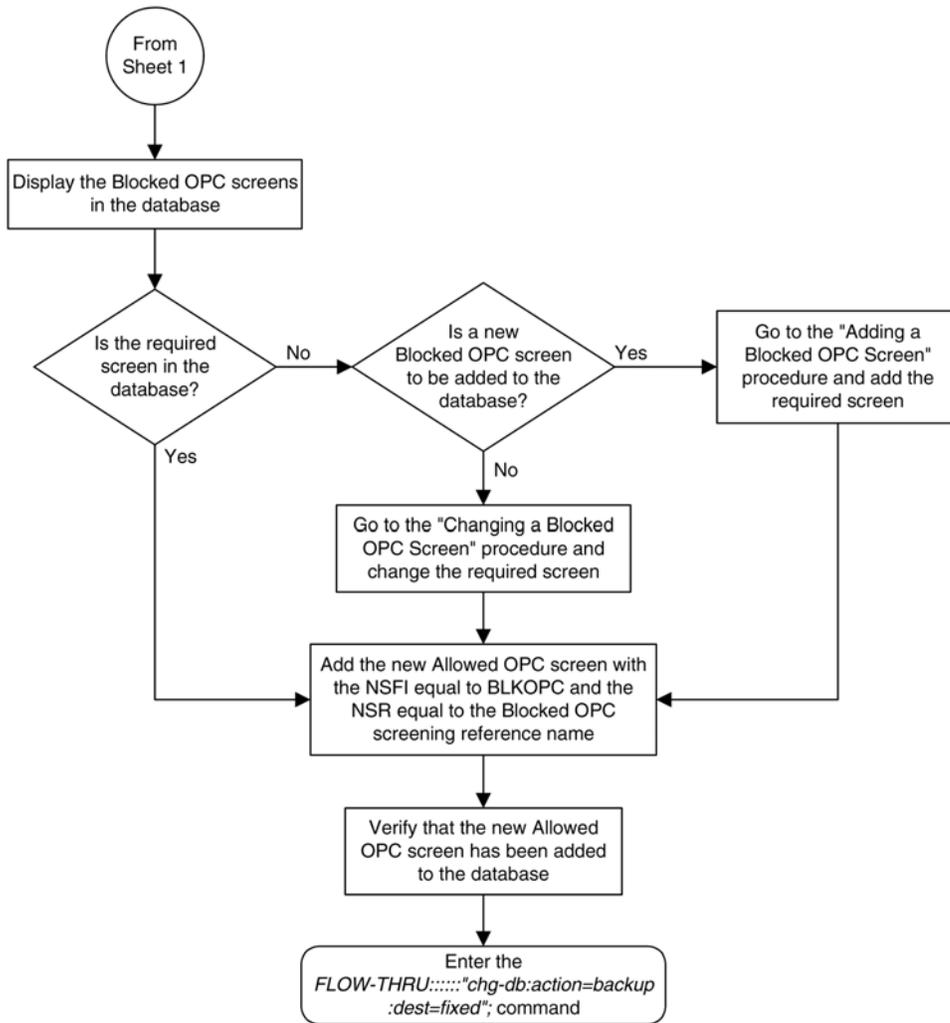
Manual - Gateway Screening using the SEAS FLOW-THRU command with the EAGLE 5 ISS commands:

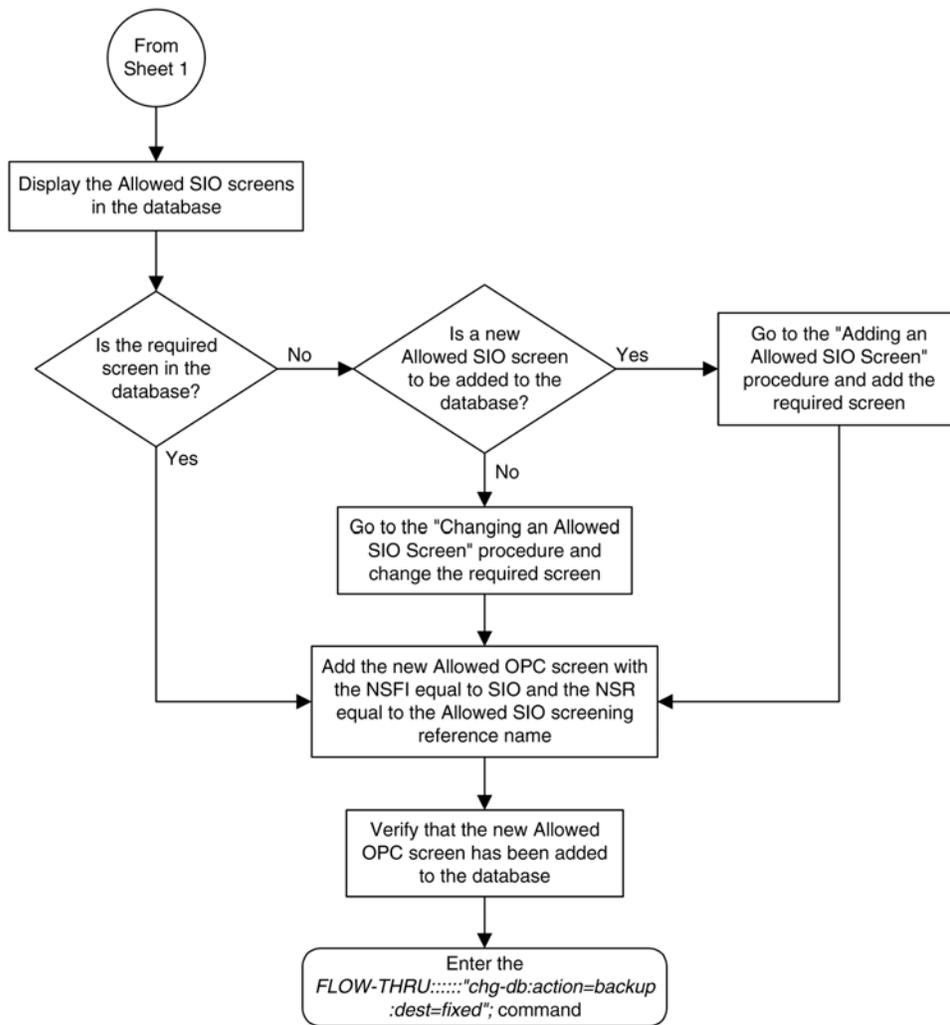
- If the allowed origination point code screen being added to the database uses ITU-I point codes (with or without the `pcst` parameter), 14-bit ITU-N point codes (with or without the `pcst` parameter), or 24-bit ITU-N point codes. The `pcst` parameter can be used only with ITU-I or 14-bit ITU-N point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

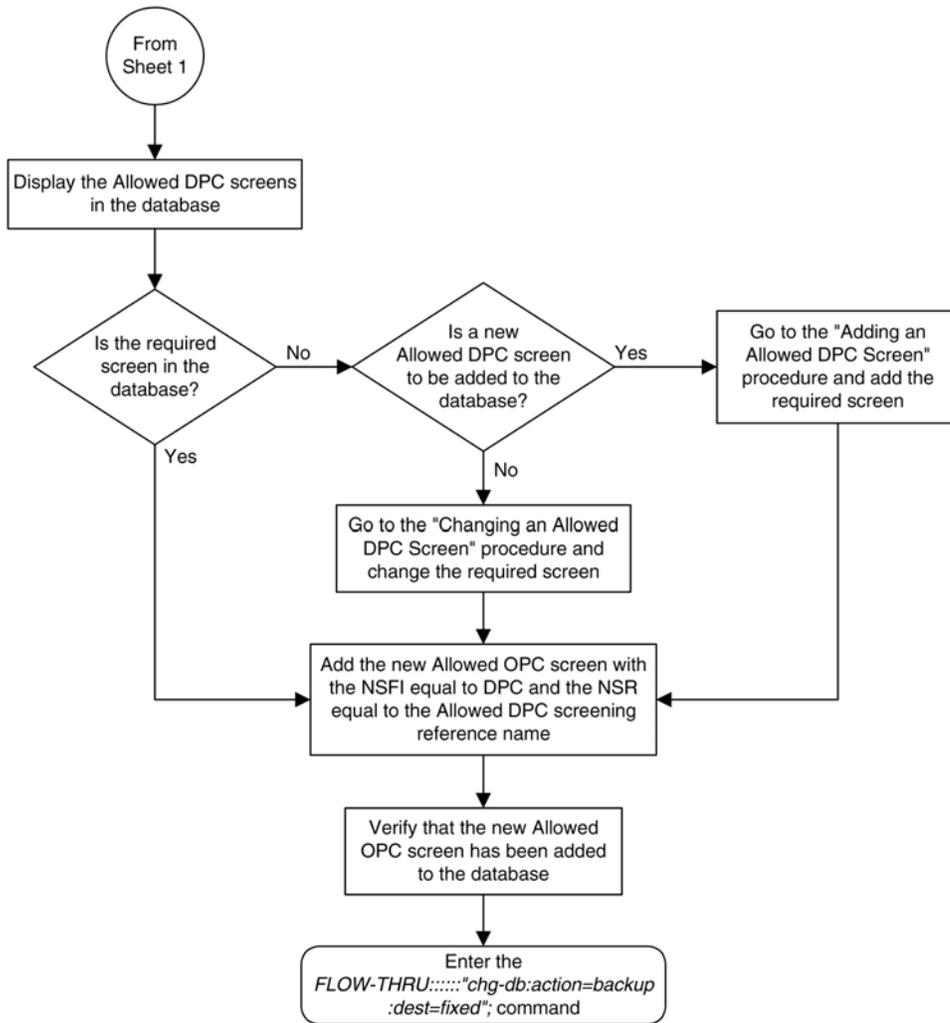
**Note:** Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

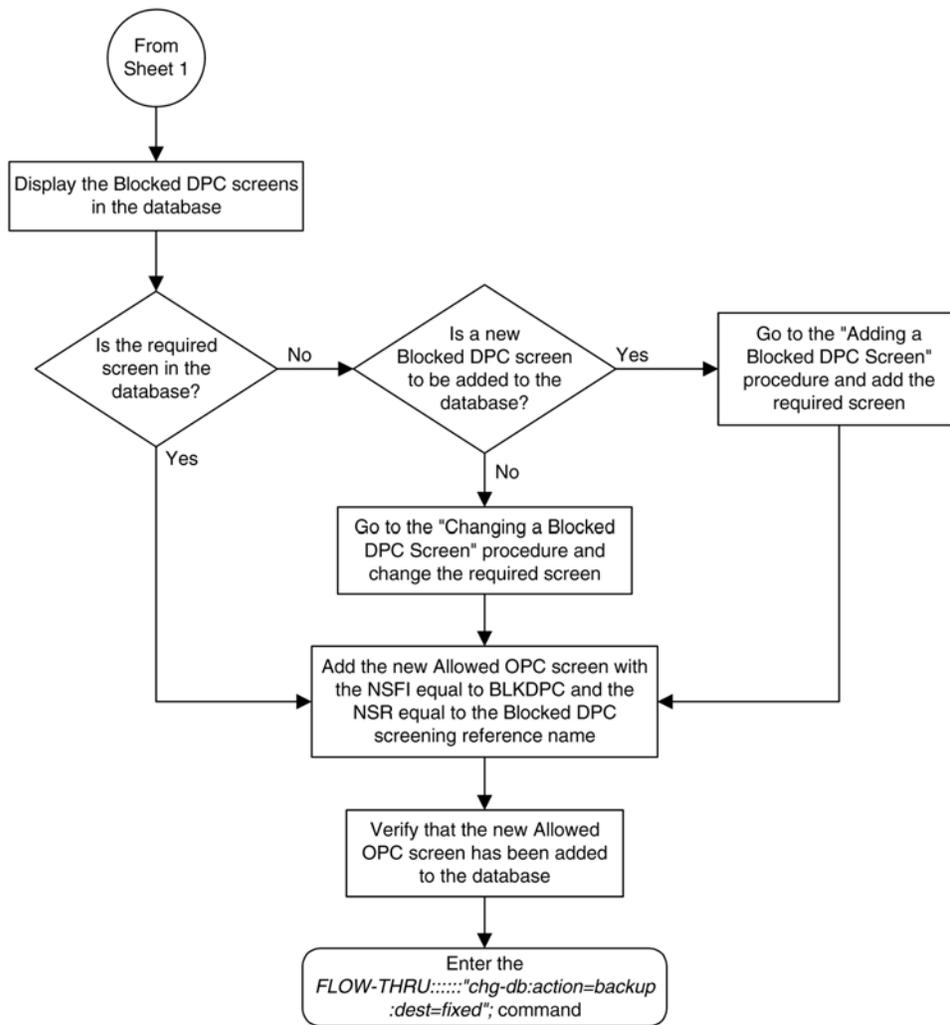
**Figure 49: Adding an Allowed OPC Screen from the SEAS Terminal**

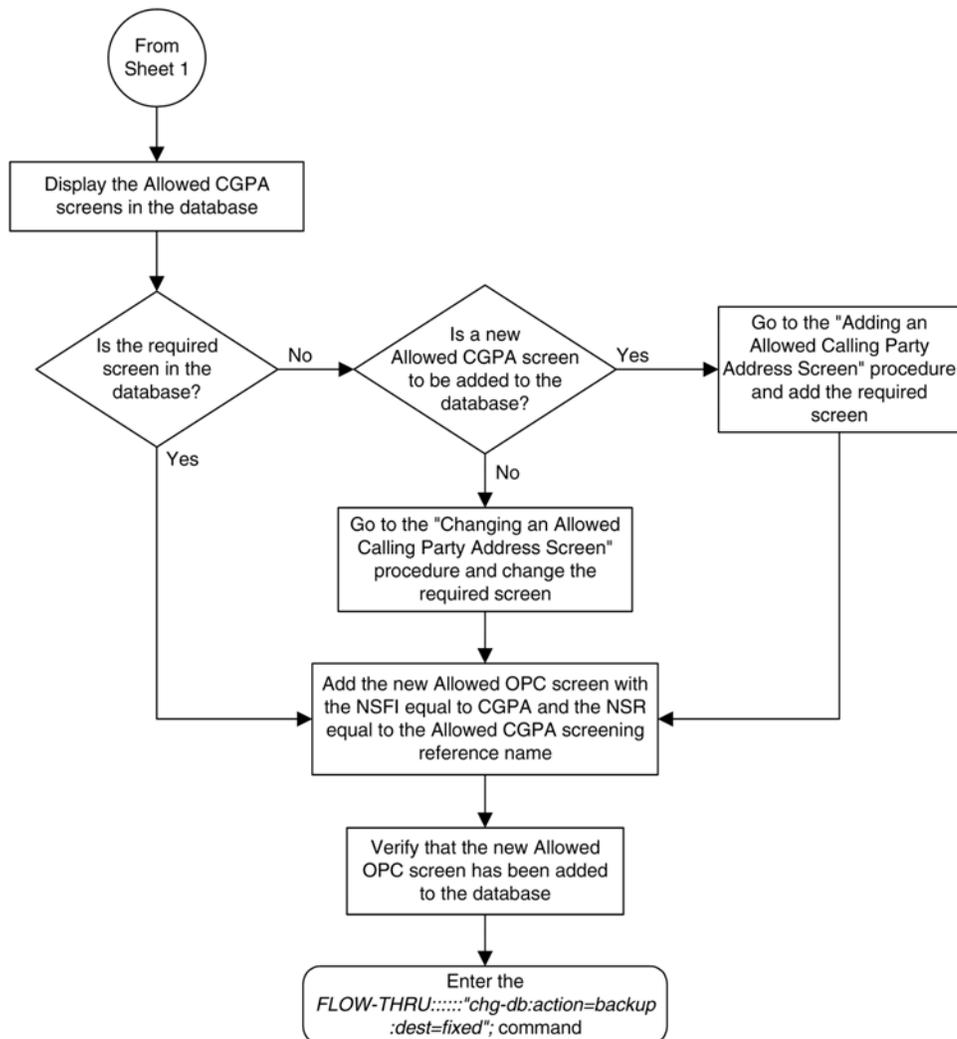












## Removing an Allowed OPC Screen

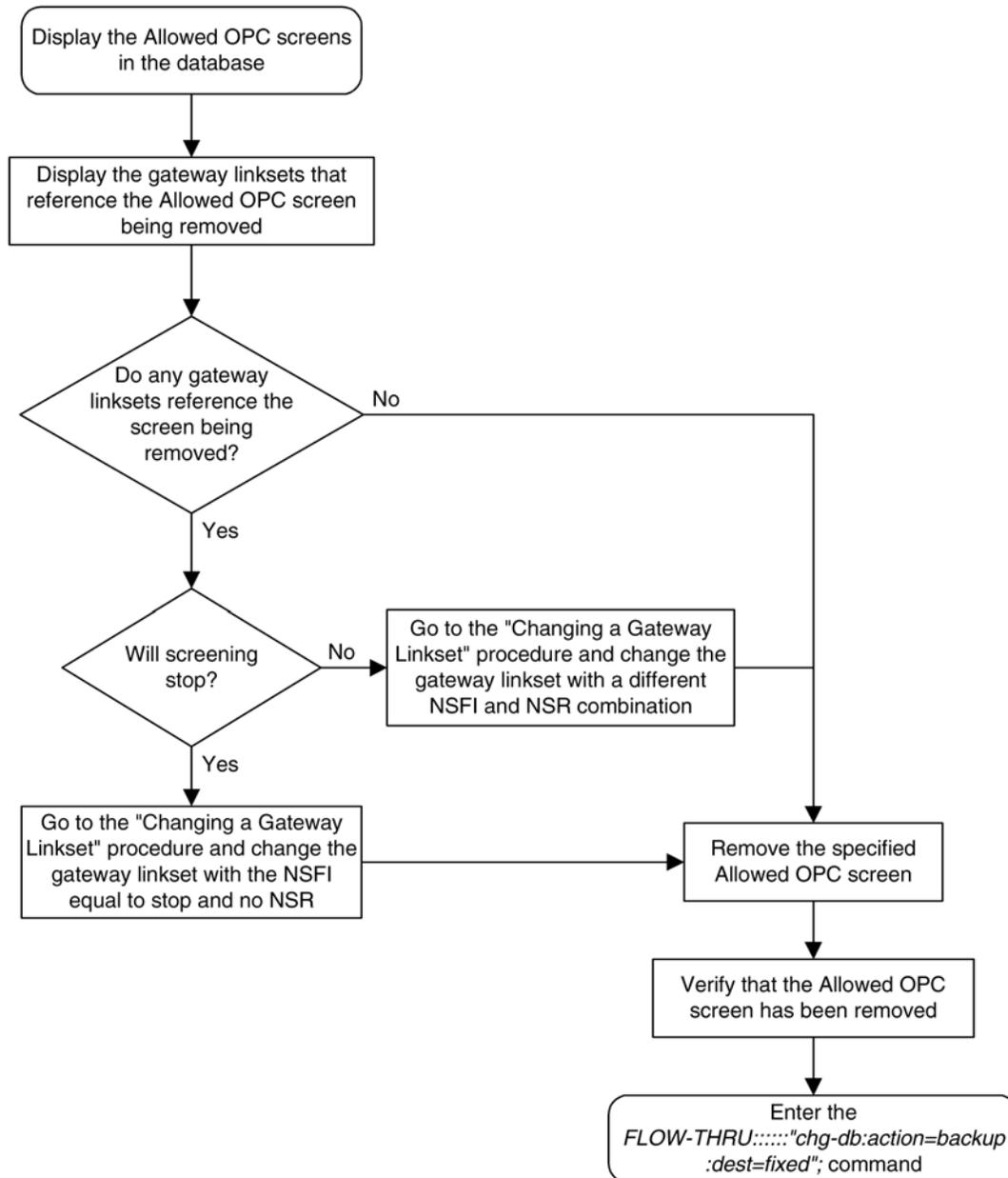
This procedure is used to remove an allowed origination point code screen from the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure, see "Removing an Allowed OPC Screen" in the *Database Administration Manual - Gateway Screening*.

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

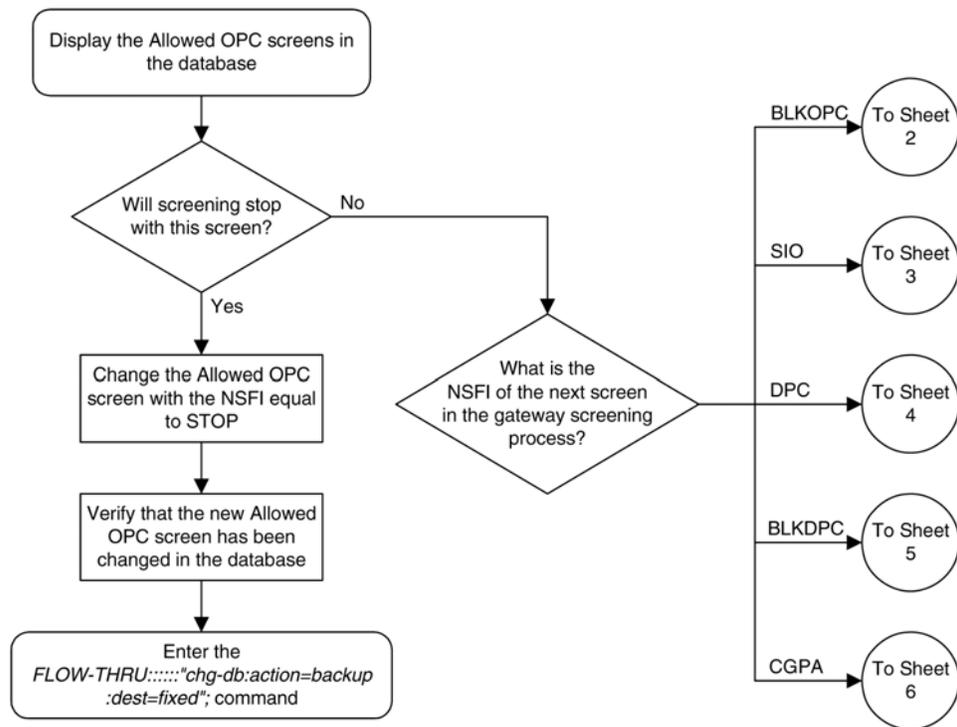
This procedure is used to change an allowed origination point code screen in the database. This procedure uses the EAGLE 5 ISS command `chg-db`. For more information on this procedure,

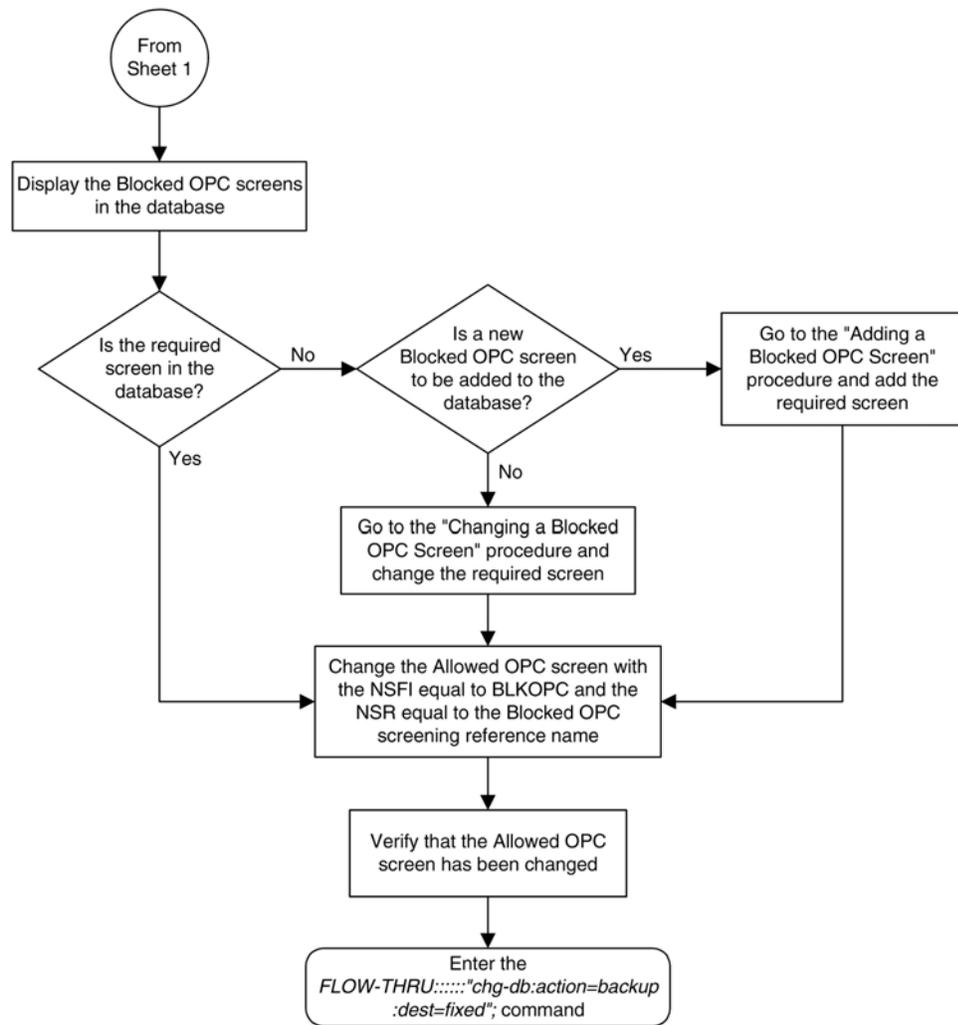
see “Changing an Allowed OPC Screen” in the Database Administration Manual - Gateway Screening

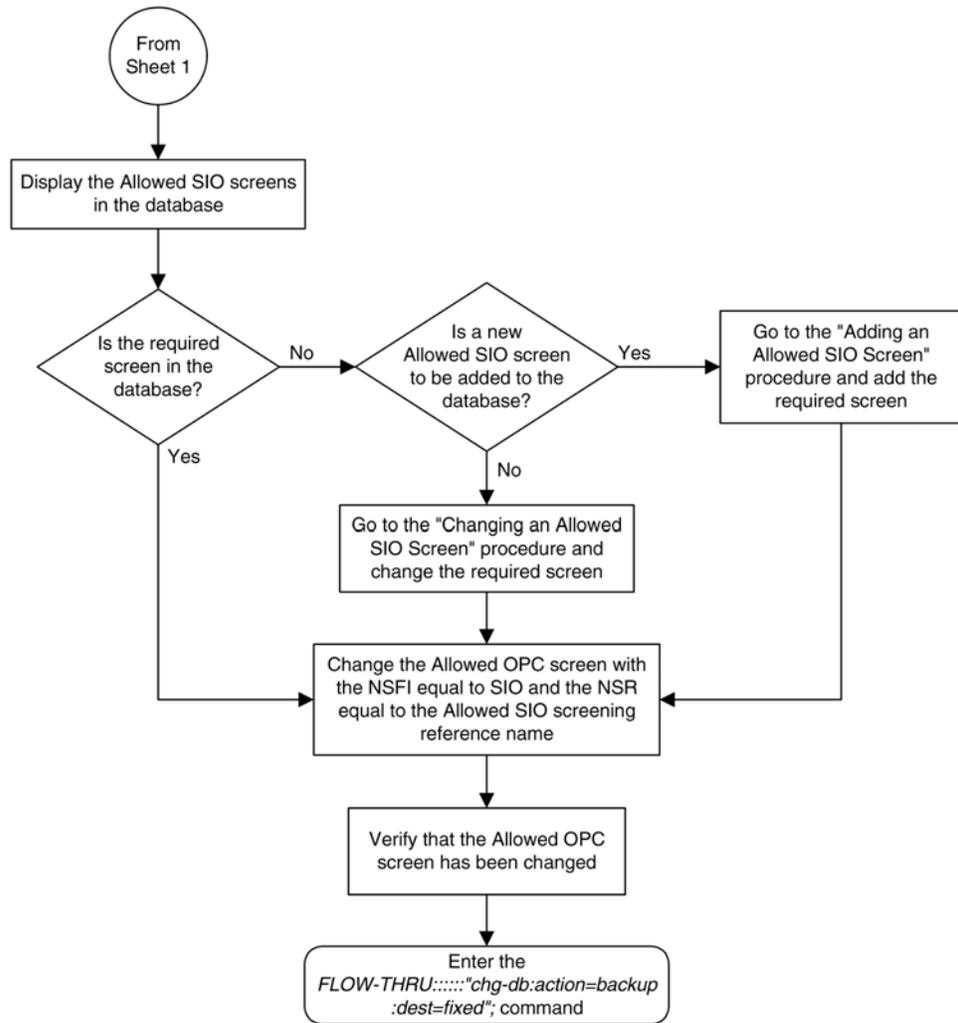
If any of the following items are used in changing the allowed origination point code screen in the database, perform the “Changing an Allowed OPC Screen” procedure in the Database Administration Manual - Gateway Screening using the SEAS `FLOW-THRU` command with the EAGLE 5 ISS commands:

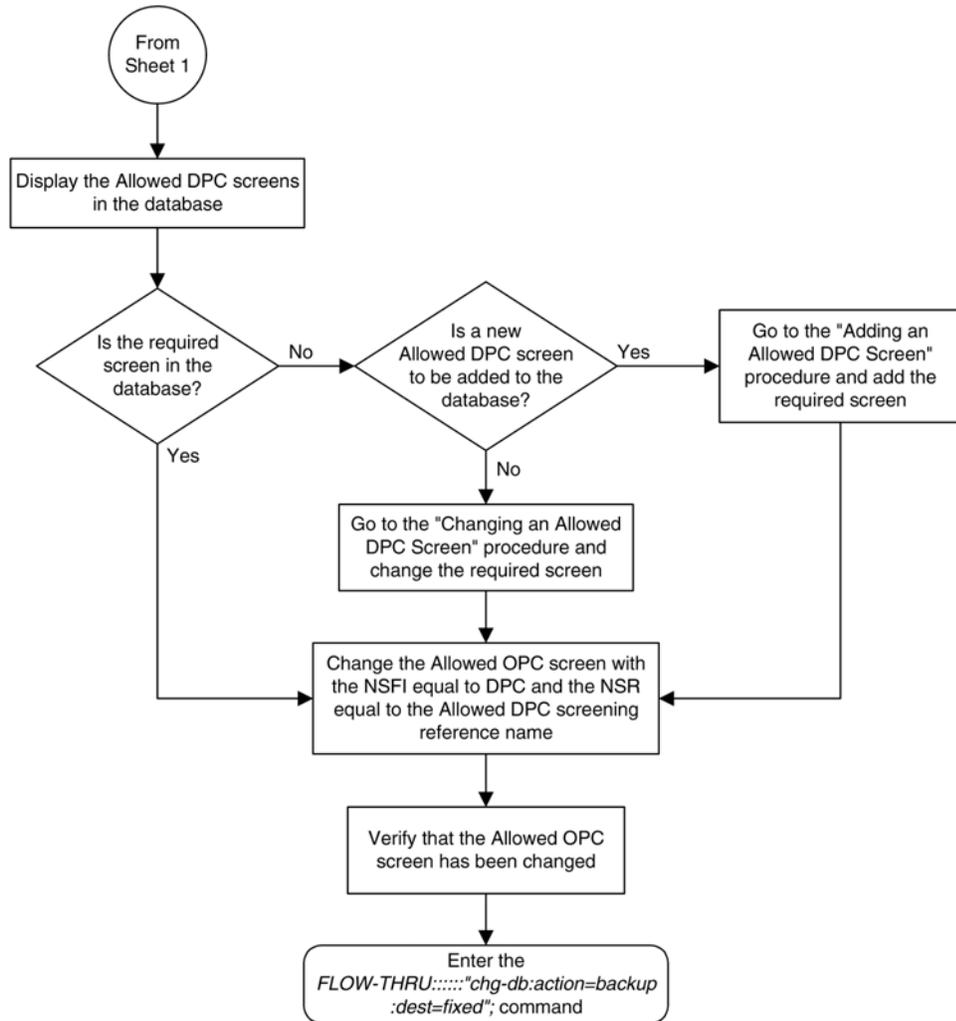
- If the allowed origination point code screen being changed in the database uses ITU-I point codes (with or without the `pcst` or `npcst` parameters), 14-bit ITU-N point codes (with or without the `pcst` or `npcst` parameters), or 24-bit ITU-N point codes. The `pcst` and `npcst` parameters can be used 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.

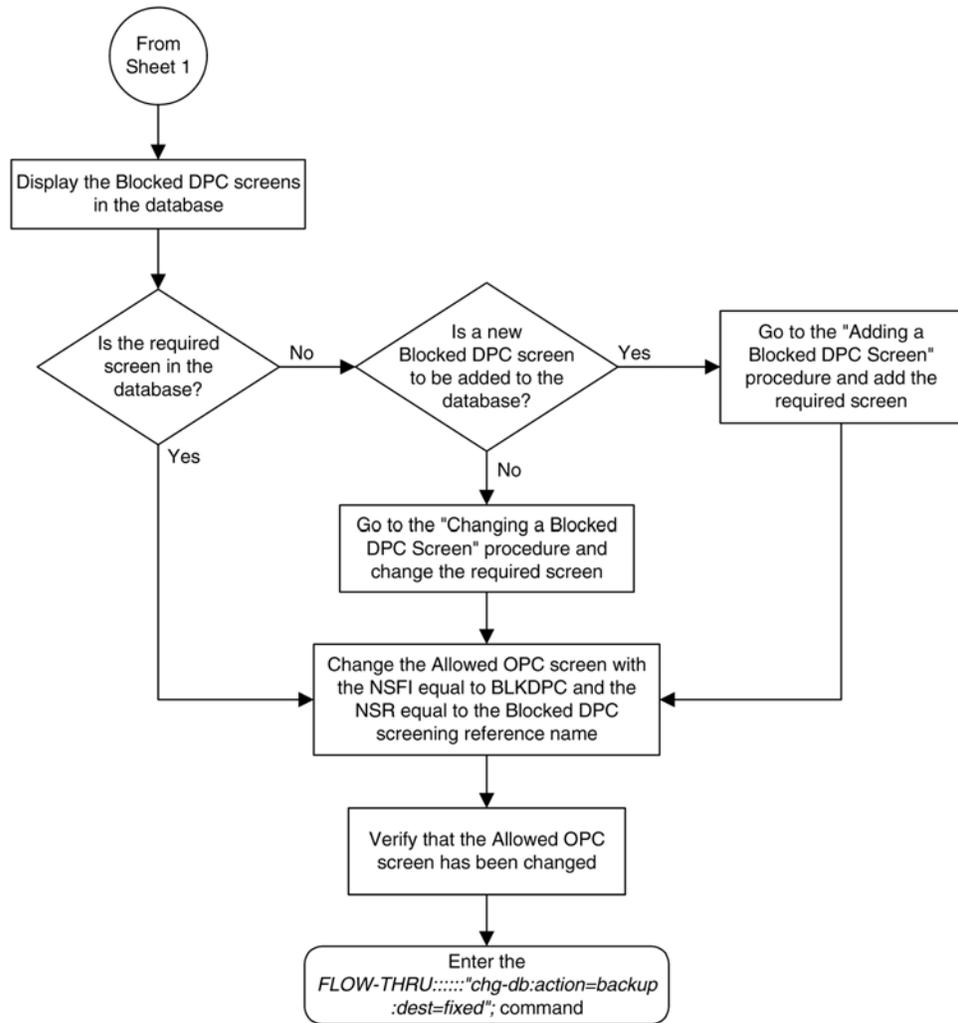
Figure 51: Changing an Allowed OPC Screen from the SEAS Terminal

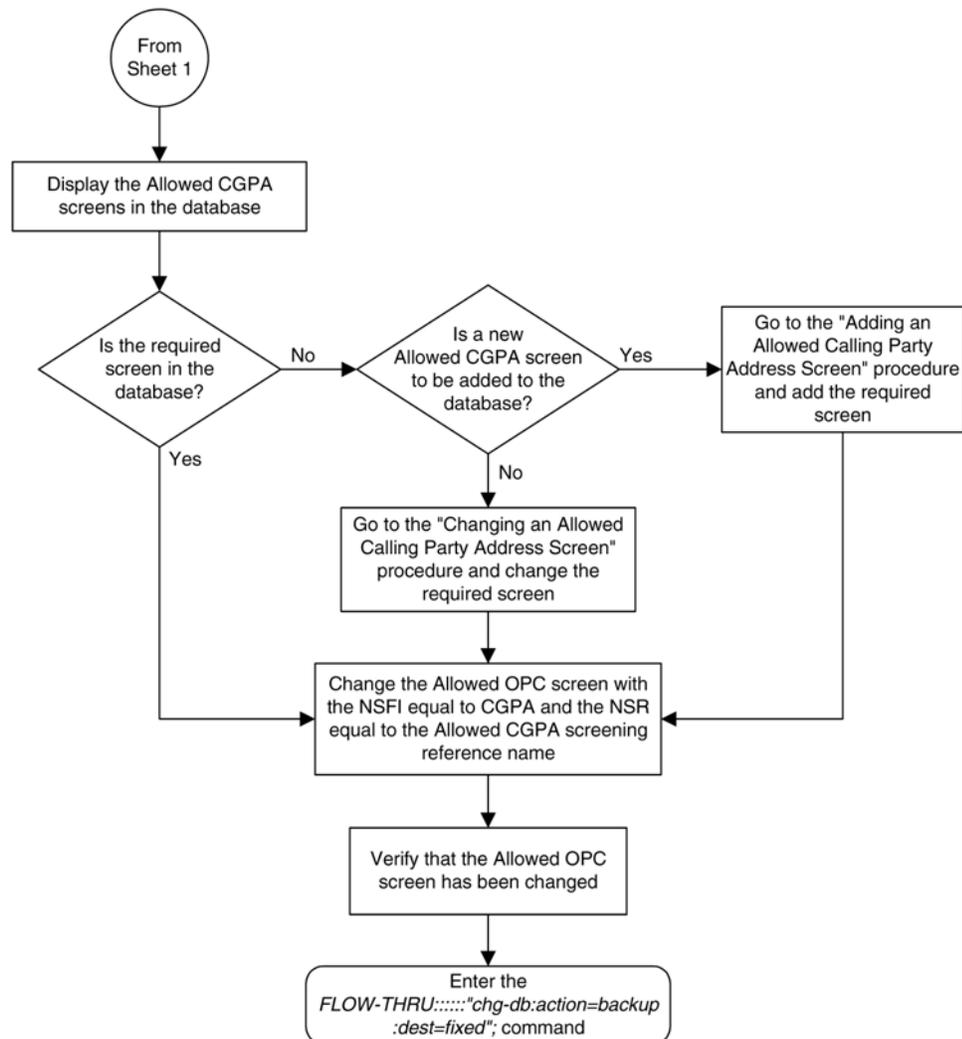












## Adding a Gateway Linkset

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`, `gws`, `gwsd`, `actname`, and `destfld`. [Table 14: Gateway Linkset Supplier Specific Parameters](#) on page 215 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`, `gws`, 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 14: 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 <code>stop</code> .
DESTFLD	YES NO	1 0	The <code>destfld</code> parameter shows whether or not network management messages are screened automatically by gateway screening without

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
			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, SCRNR

**Note:** The SCRNR 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 SCRNR 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 `gwsn` 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 `gwsn` equal to 1 (on).

**SCREEN AND DON'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 `gwsn` 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 `gwsn` to 1 (on).

**CAUTION**

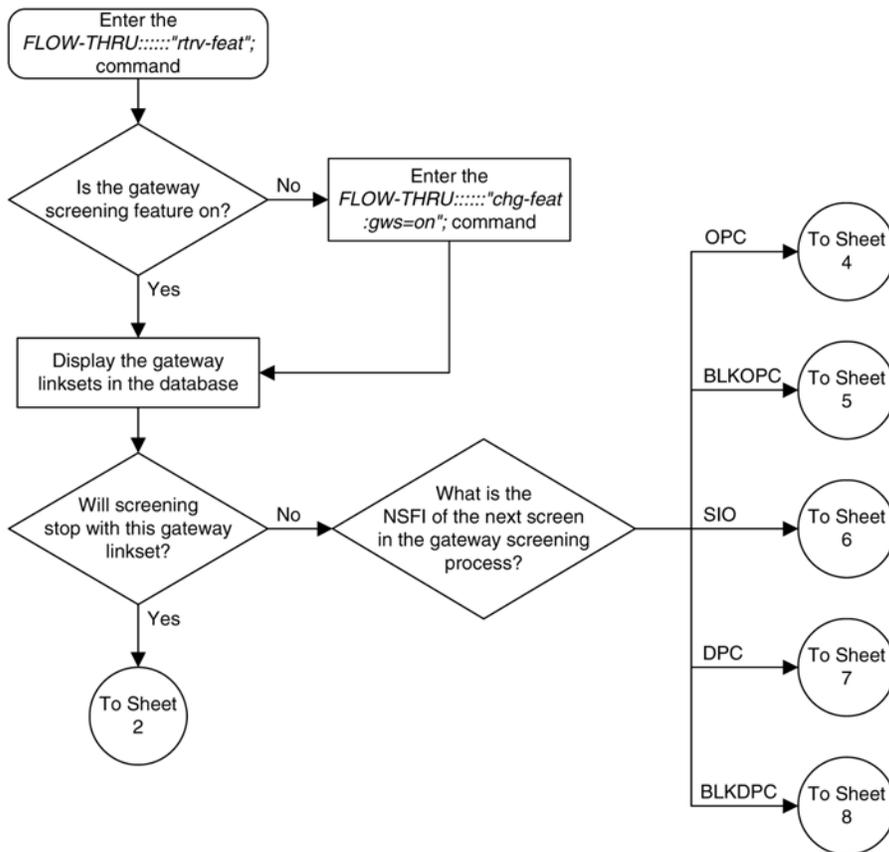
**CAUTION:** When Gateway Screening is in the screen test mode, as defined by the linkset parameters `gwsa=0` and `gwsn=1`, the gateway screening action in the gateway screening stop action set specified by the `actname` parameter will be performed.

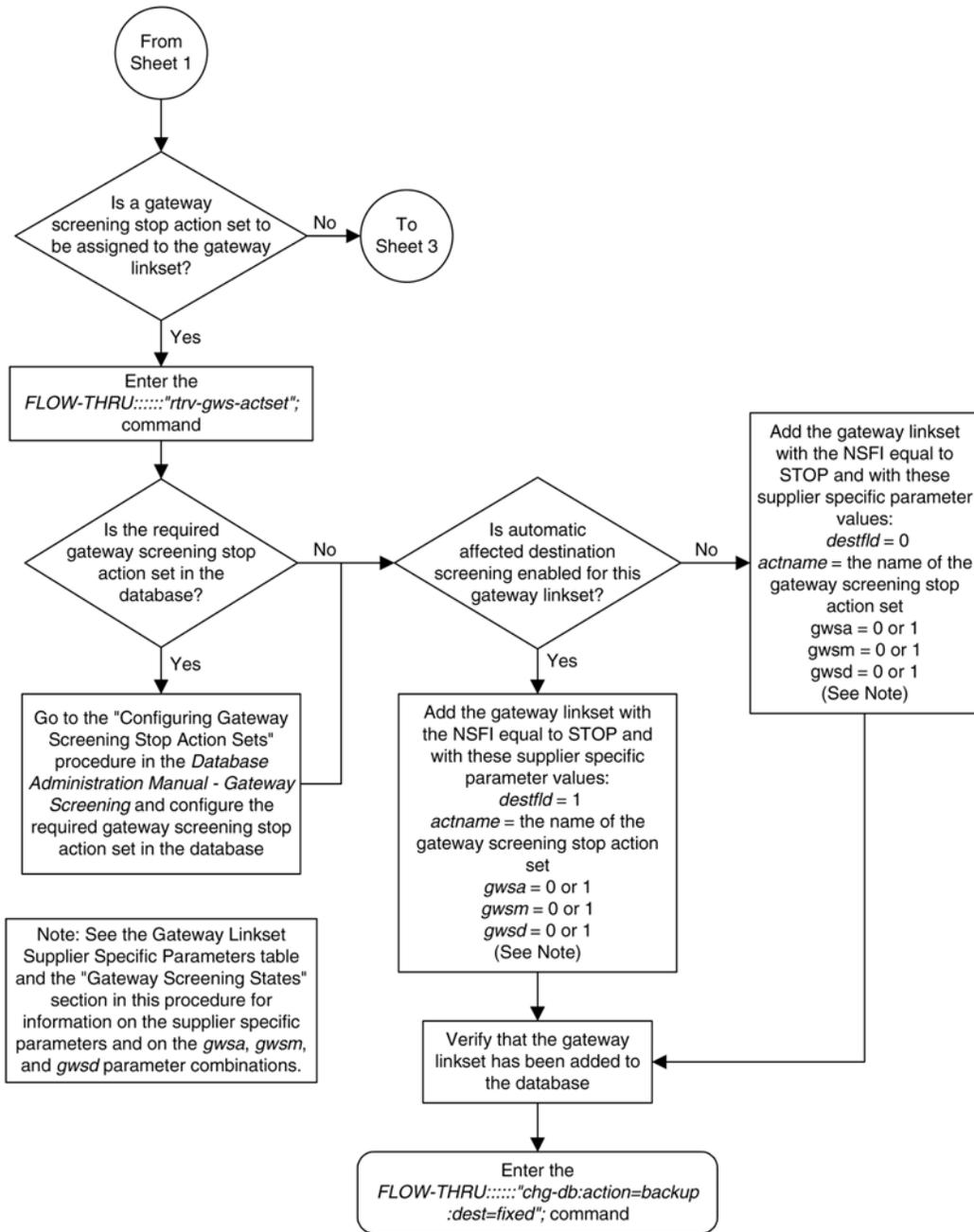
If a gateway screening stop action set is to be assigned to the gateway linkset, the name of the gateway screening stop action set must be defined in the database. The gateway screening stop action sets in the database can be shown using the EAGLE 5 ISS command `rtrv-gws-actset`. For more information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

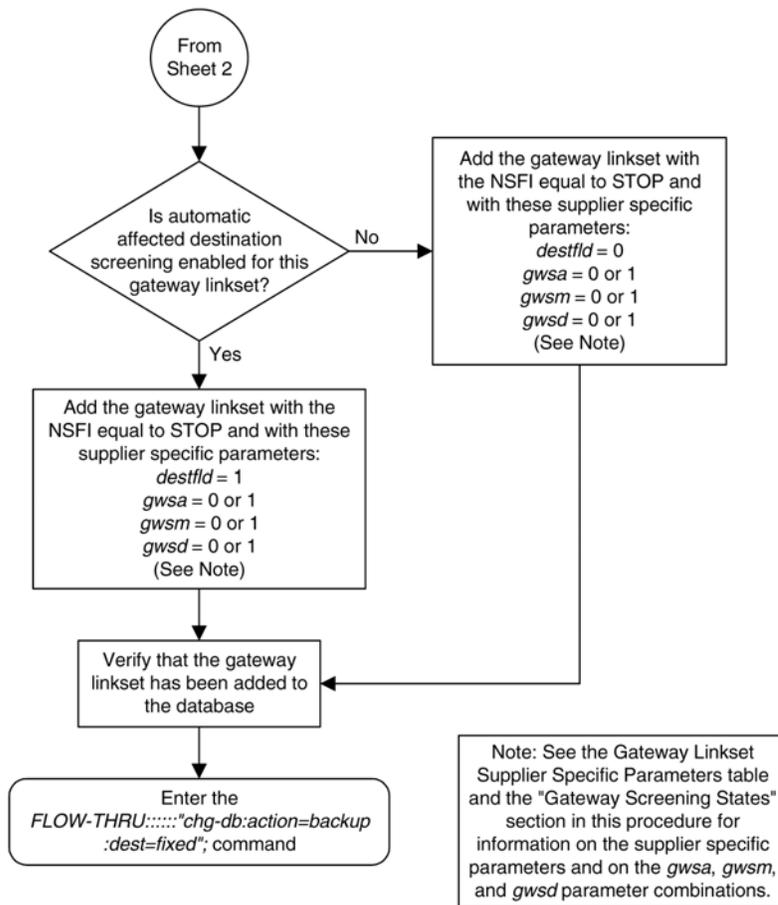
The `gwsd` parameter allows the discarding of messages that should have gone through the gateway screening process, but did not. The `gwsd` parameter is only intended to be used with the Database Transport Access (DTA) feature. If you are not using the DTA feature, the `gwsd` parameter should not be specified or should be set to no (`gwsd=0`). For more information on the DTA feature, see Chapter 4, “Database Transport Access (DTA) Configuration,” in the *Database Administration Manual - Features*.

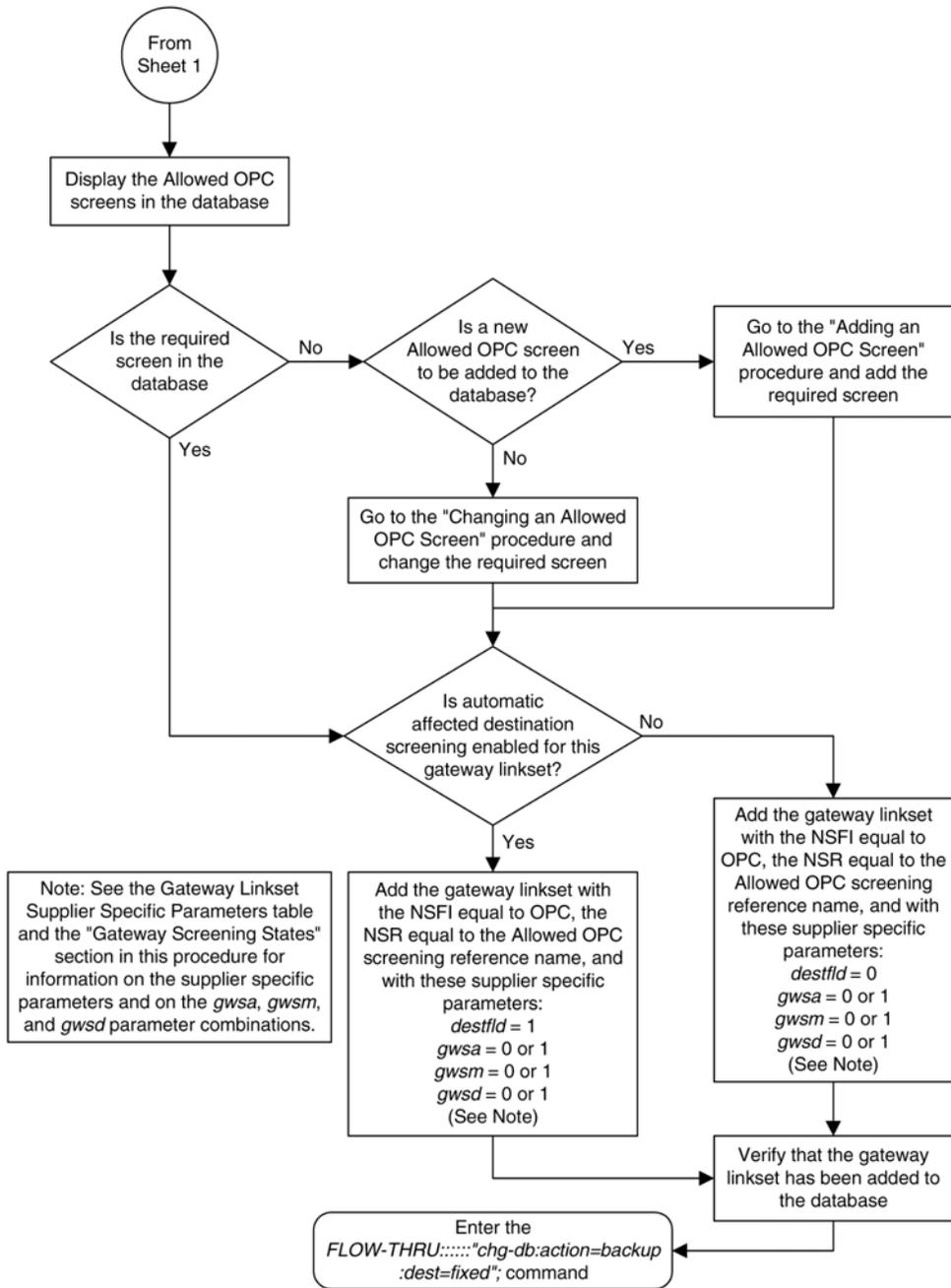
**Figure 52: Adding a Gateway Linkset from the SEAS Terminal**

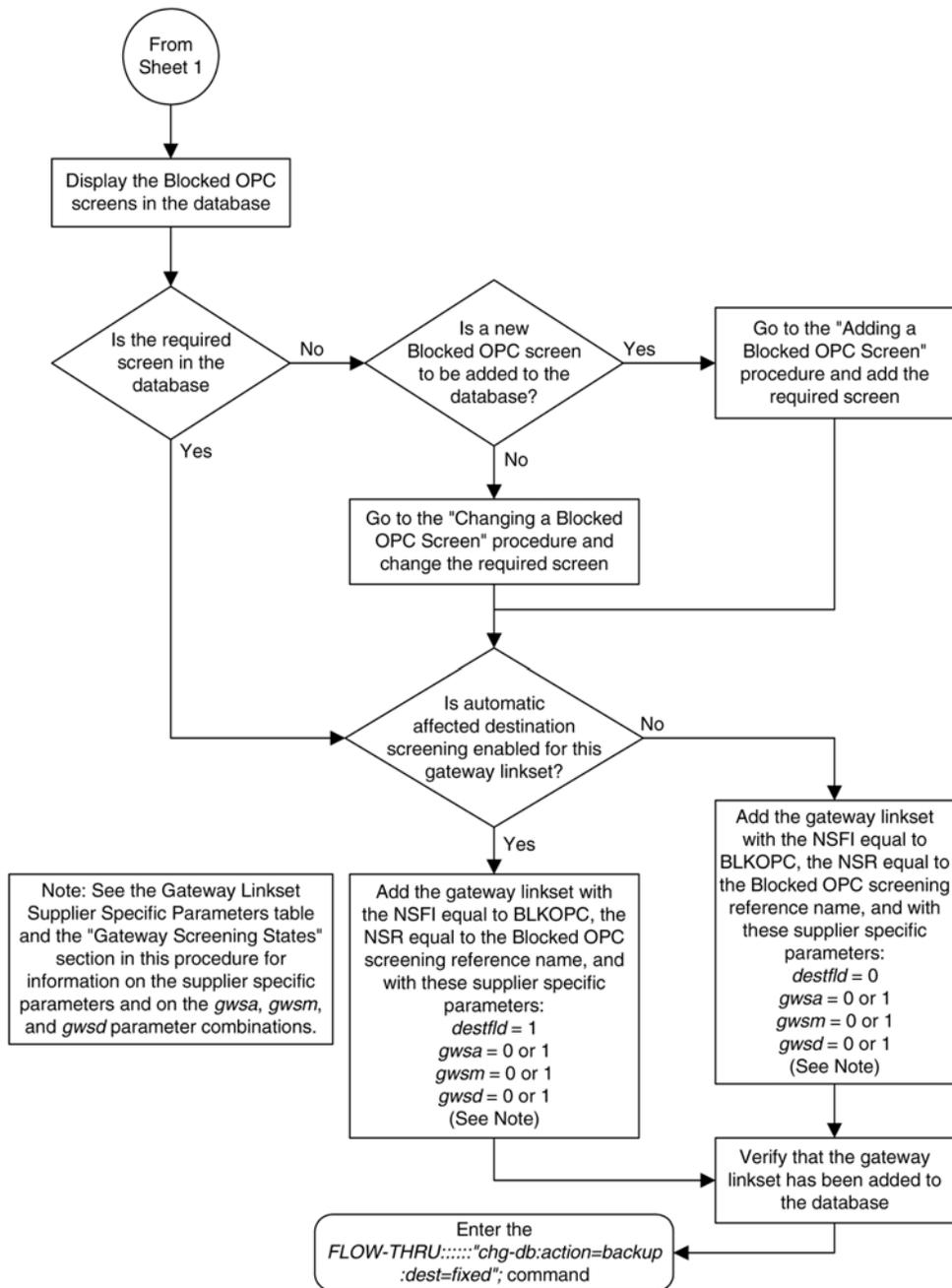
**Note:** Before executing this procedure, make sure you have purchased the gateway screening feature. If you are not sure if you have purchased the gateway screening feature, contact your Tekelec Sales Representative or Account Representative.

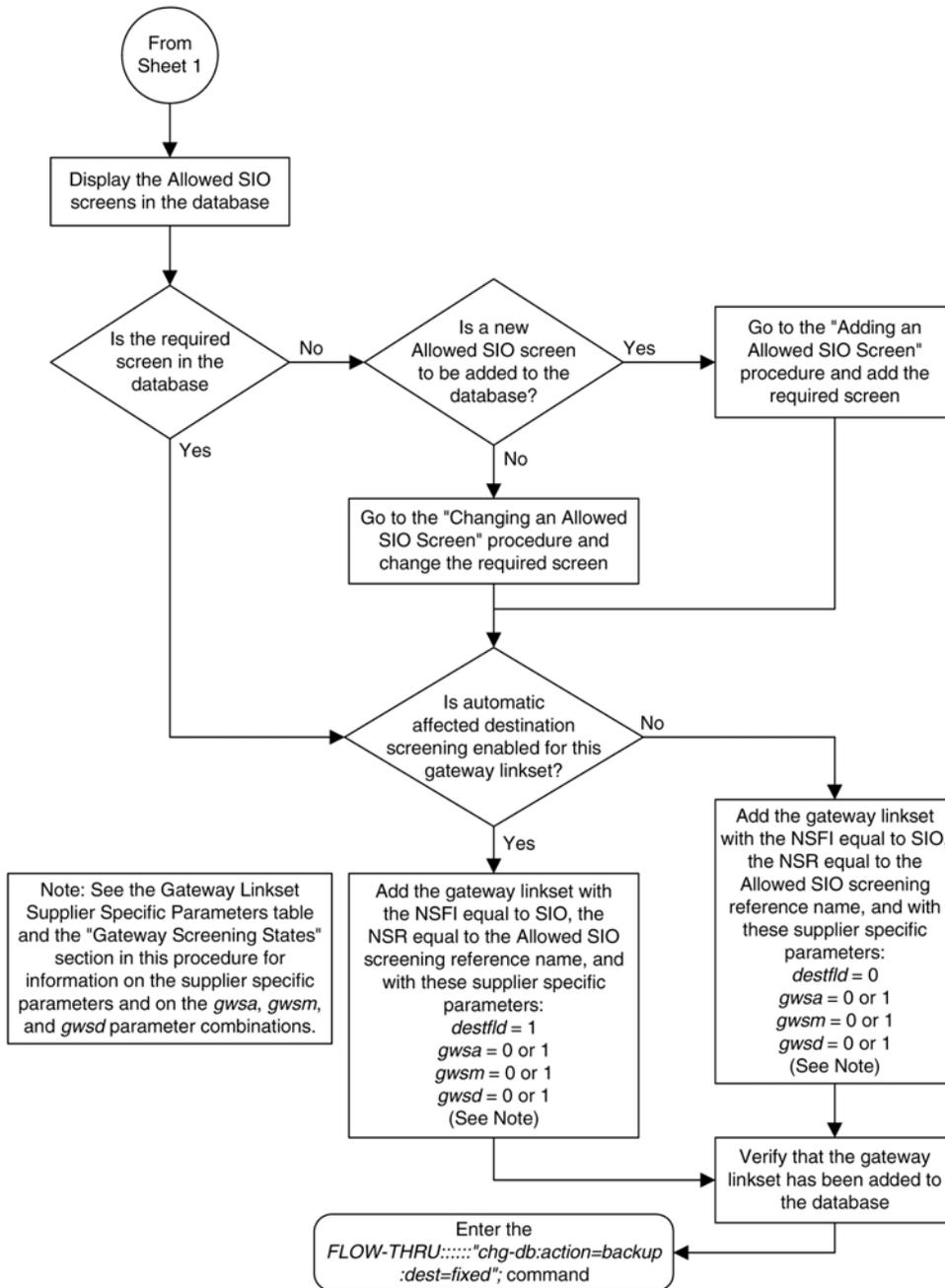


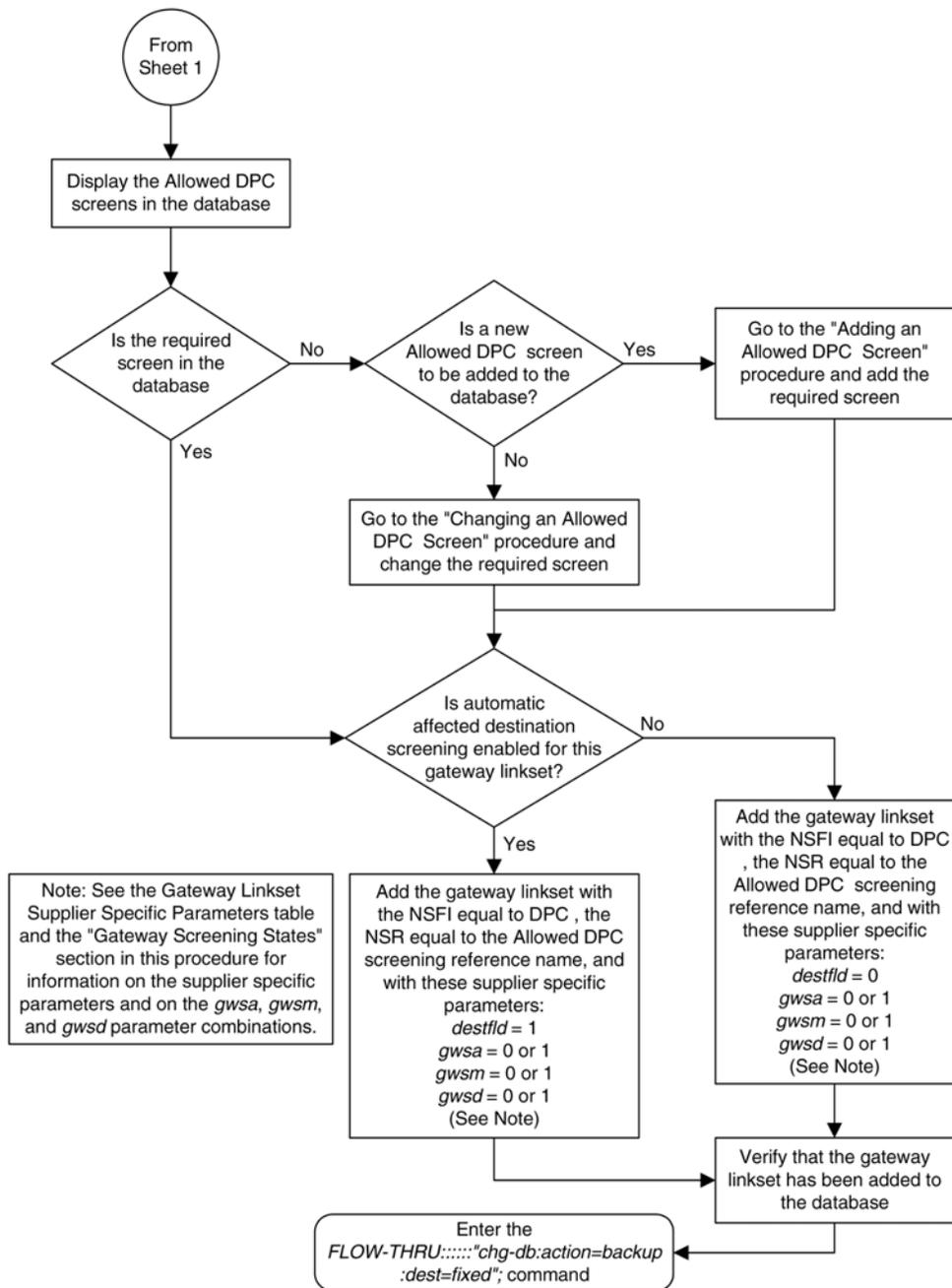


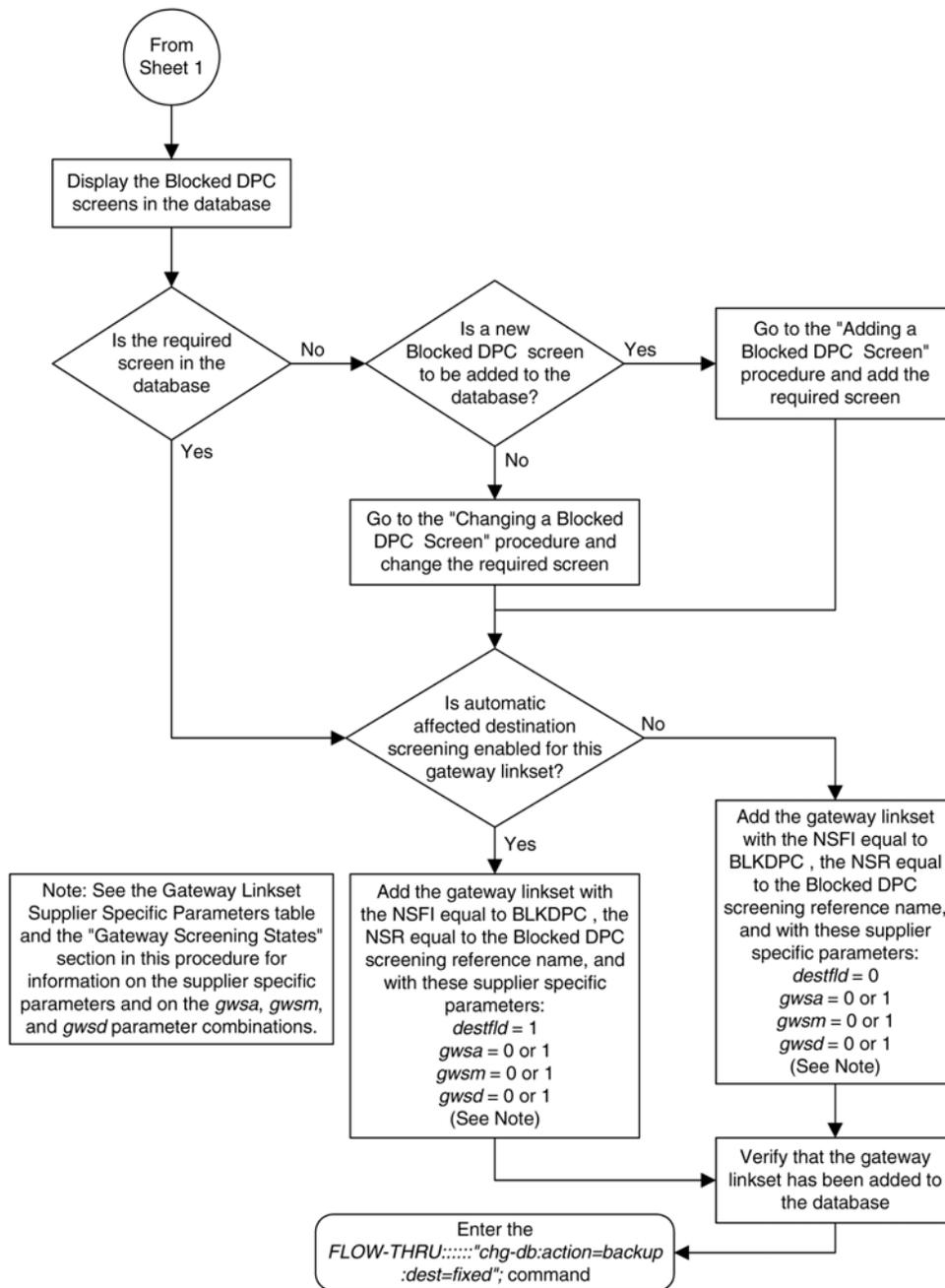










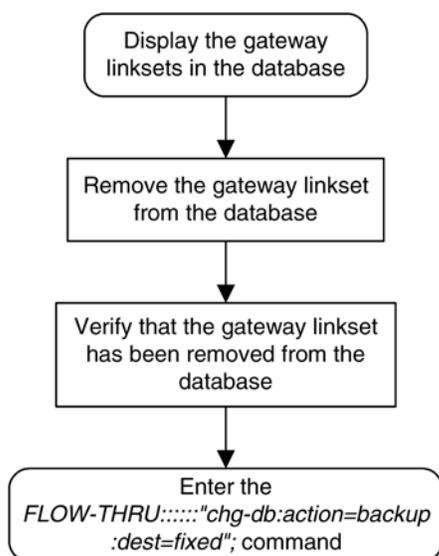


## Removing a Gateway Linkset

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`, `gwsn`, `gwsd`, `actname`, and `destfld`. [Table 15: Gateway Linkset Supplier Specific Parameters](#) on page 227. 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`, `gws`, 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 15: 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 <code>stop</code> .

Supplier Specific Parameters	EAGLE 5 ISS Parameter Value	SEAS Parameter Value	Definition
DESTFLD	YES NO	1 0	The <code>destfld</code> 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, SCRNL

**Note:** The `SCRNL` 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 `SCRNL` 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 `gwsml` 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 `gwsml` equal to 1 (on).

**SCREEN AND DON'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 `gwsml` 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 `gwsml` to 1 (on).



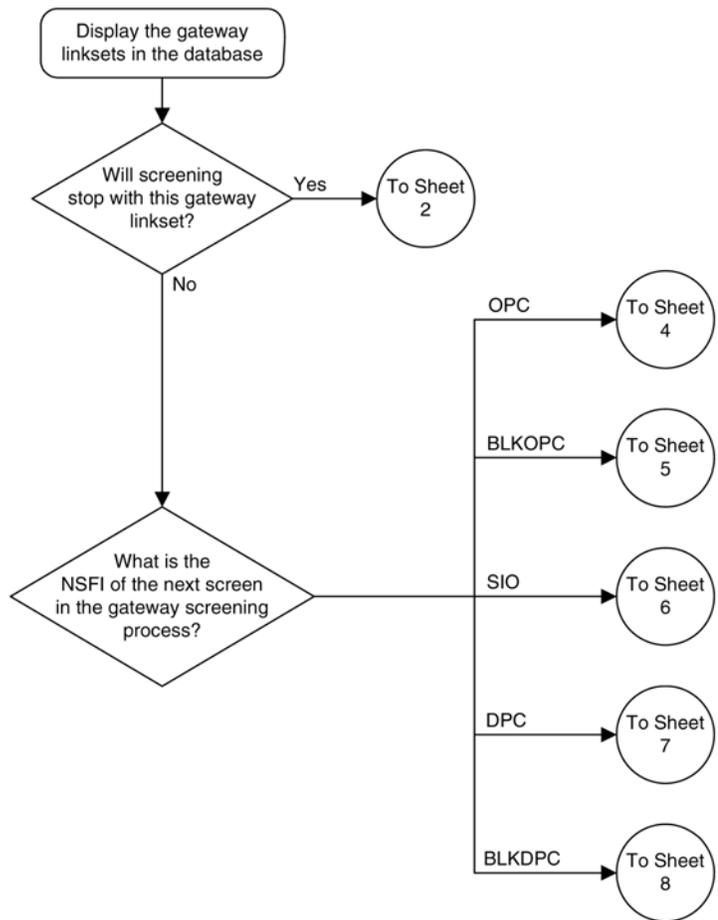
**CAUTION:** When Gateway Screening is in the screen test mode, as defined by the linkset parameters `gwsa=0` and `gwsml=1`, the gateway screening action in the gateway screening stop action set specified by the `actname` parameter will be performed.

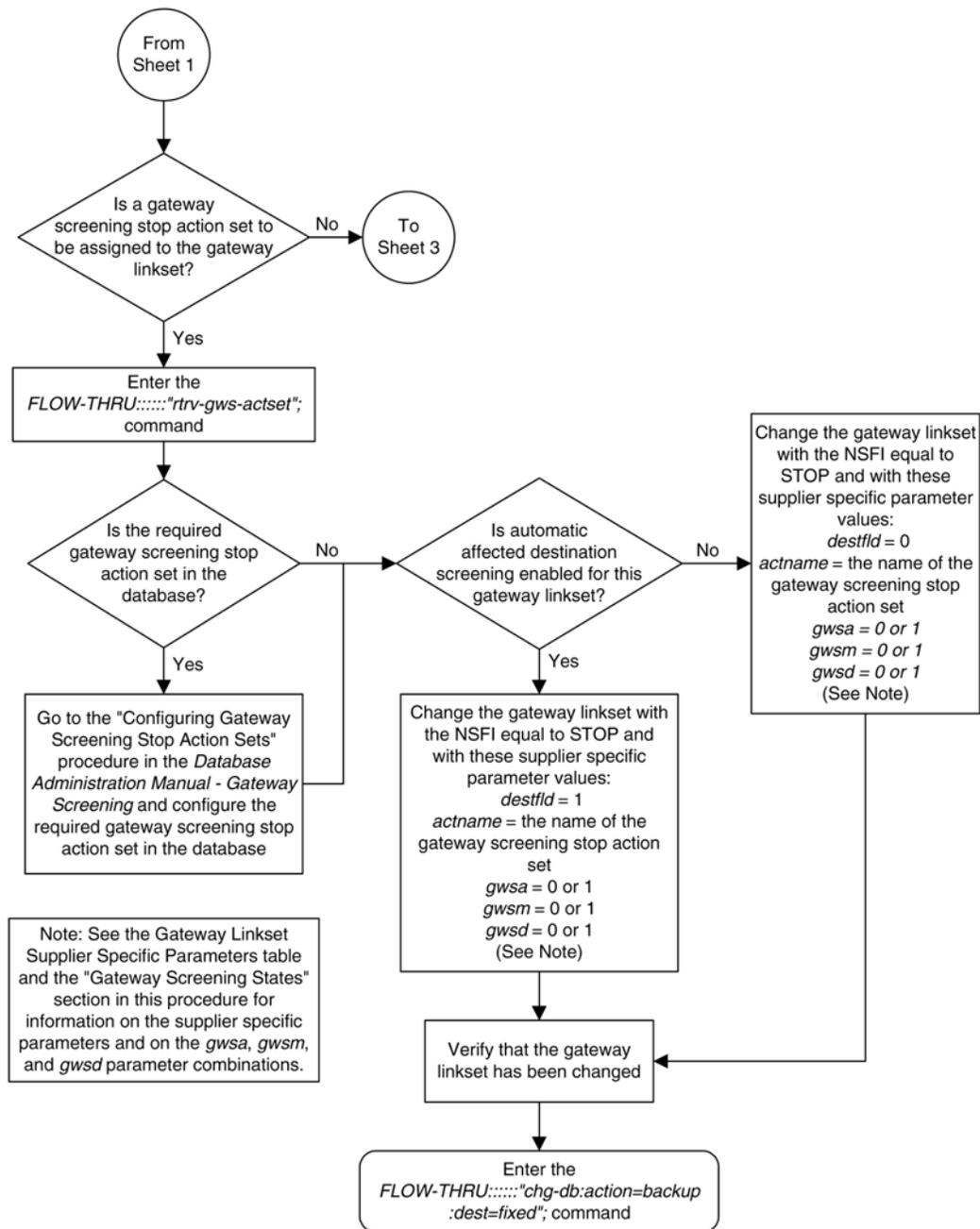
If a gateway screening stop action set is to be assigned to the gateway linkset, the name of the gateway screening stop action set must be defined in the database. The gateway screening stop action sets in the database can be shown using the EAGLE 5 ISS command `rtrv-gws-actset`.

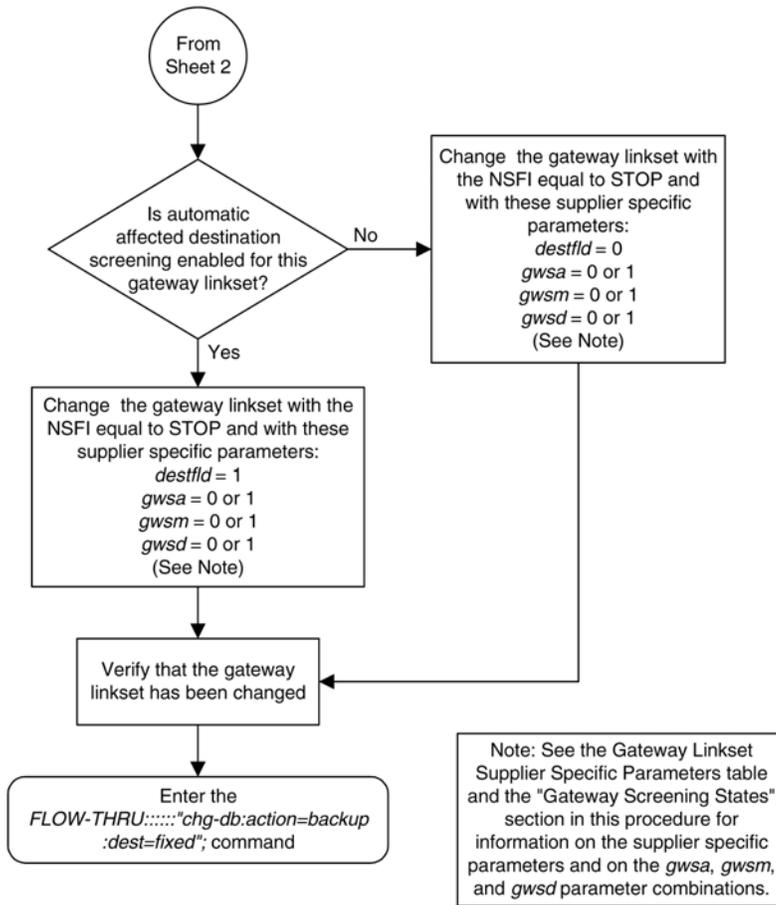
For more information on the gateway screening stop action sets, see “Configuring Gateway Screening Stop Action Sets” in the *Database Administration Manual – Gateway Screening*.

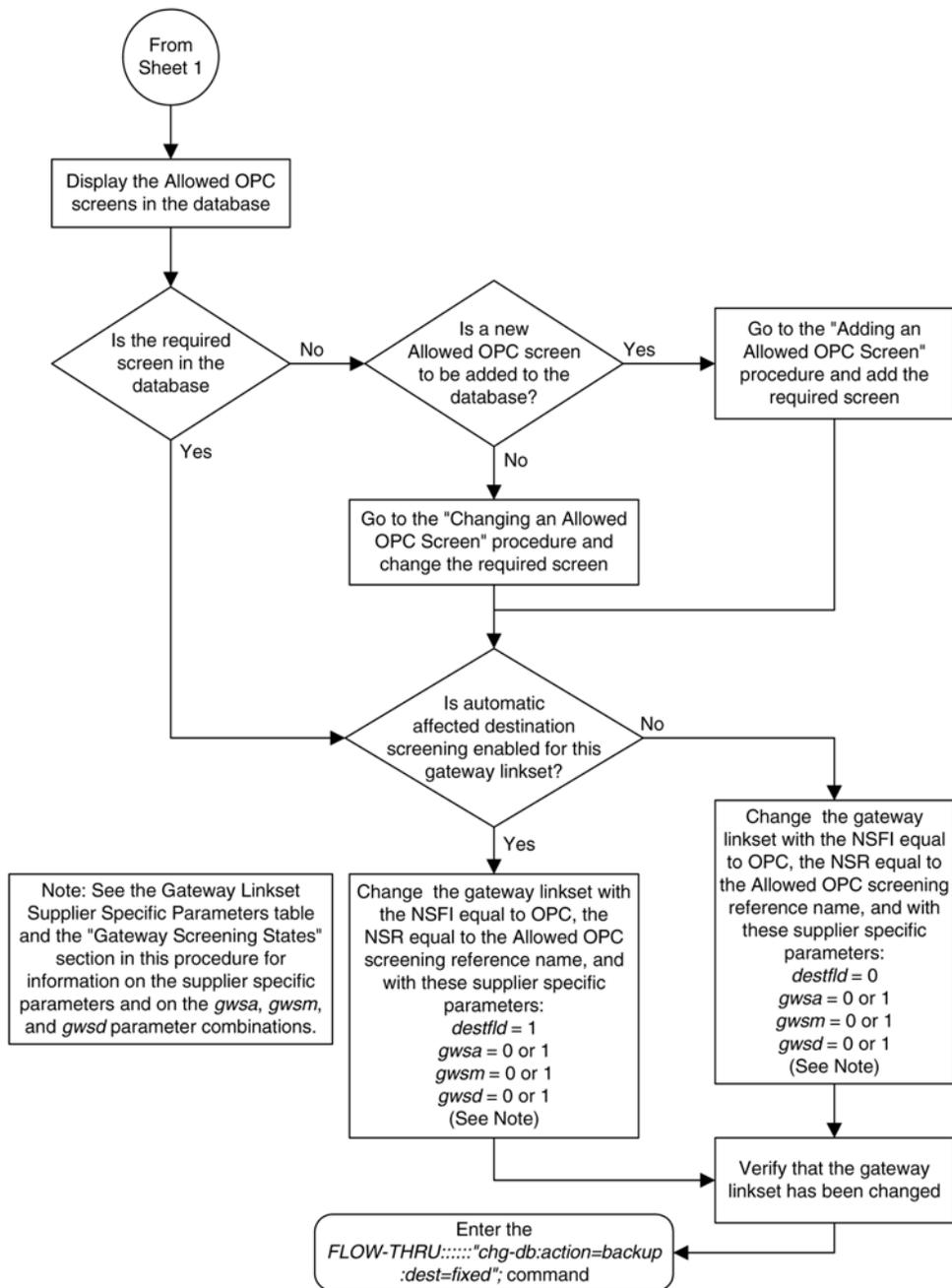
The `gwsd` parameter allows the discarding of messages that should have gone through the gateway screening process, but did not. The `gwsd` parameter is only intended to be used with the Database Transport Access (DTA) feature. If you are not using the DTA feature, the `gwsd` parameter should not be specified or should be set to `no` (`gwsd=0`). for more information on the DTA feature, see Chapter 4, “Database Transport Access (DTA) Configuration,” in the *Database Administration Manual - Features*.

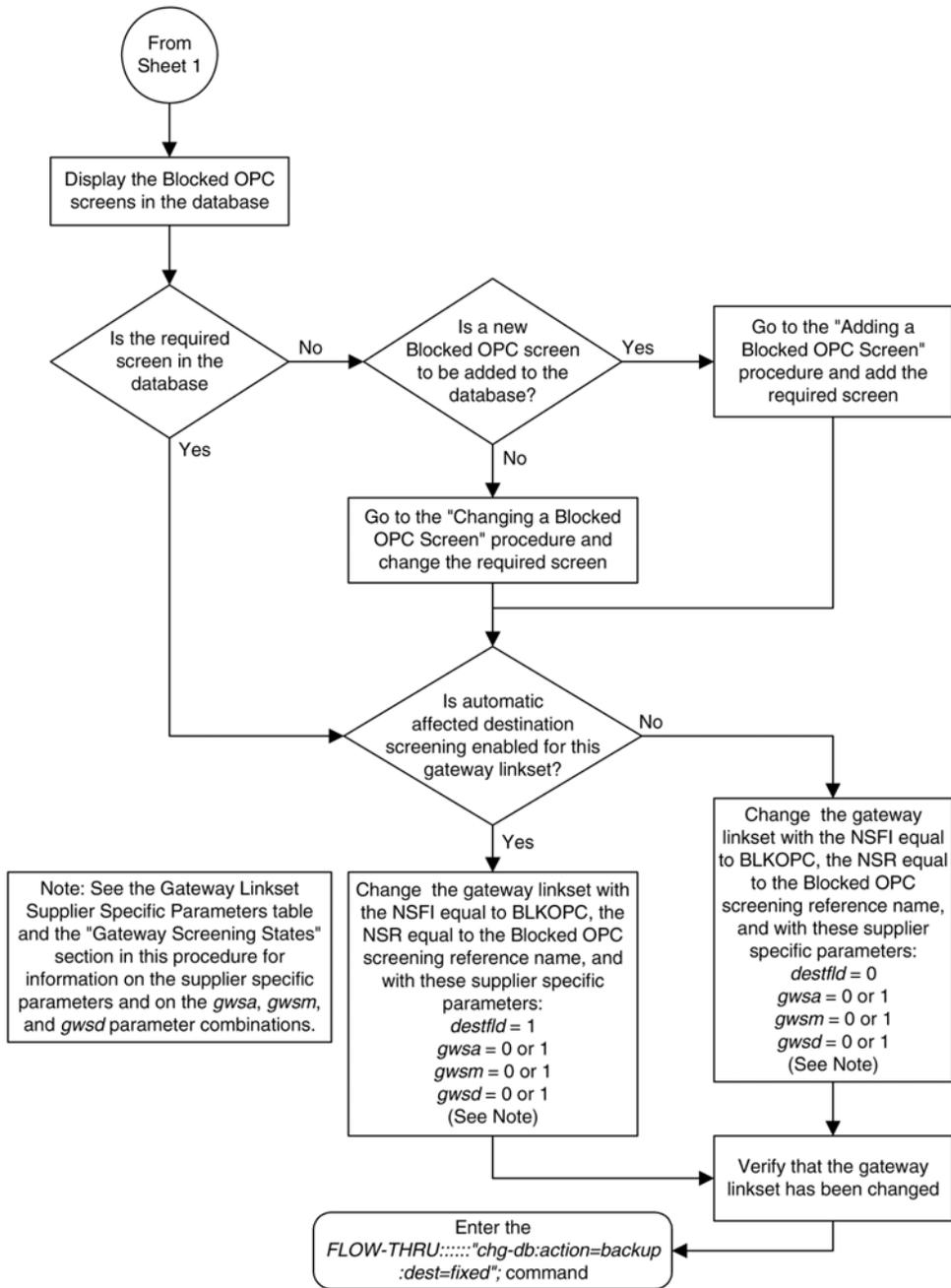
**Figure 54: Changing a Gateway Linkset from the SEAS Terminal**

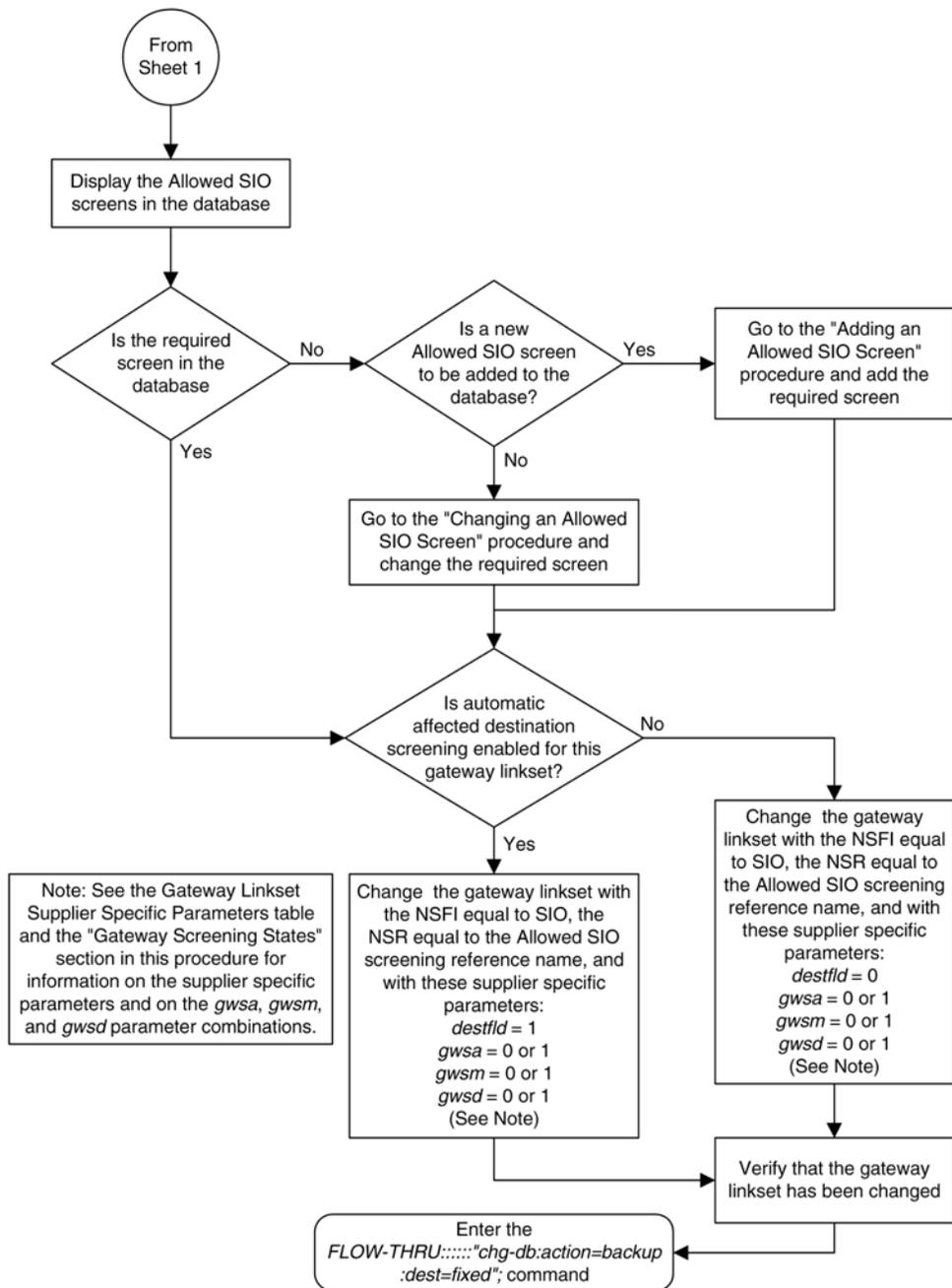


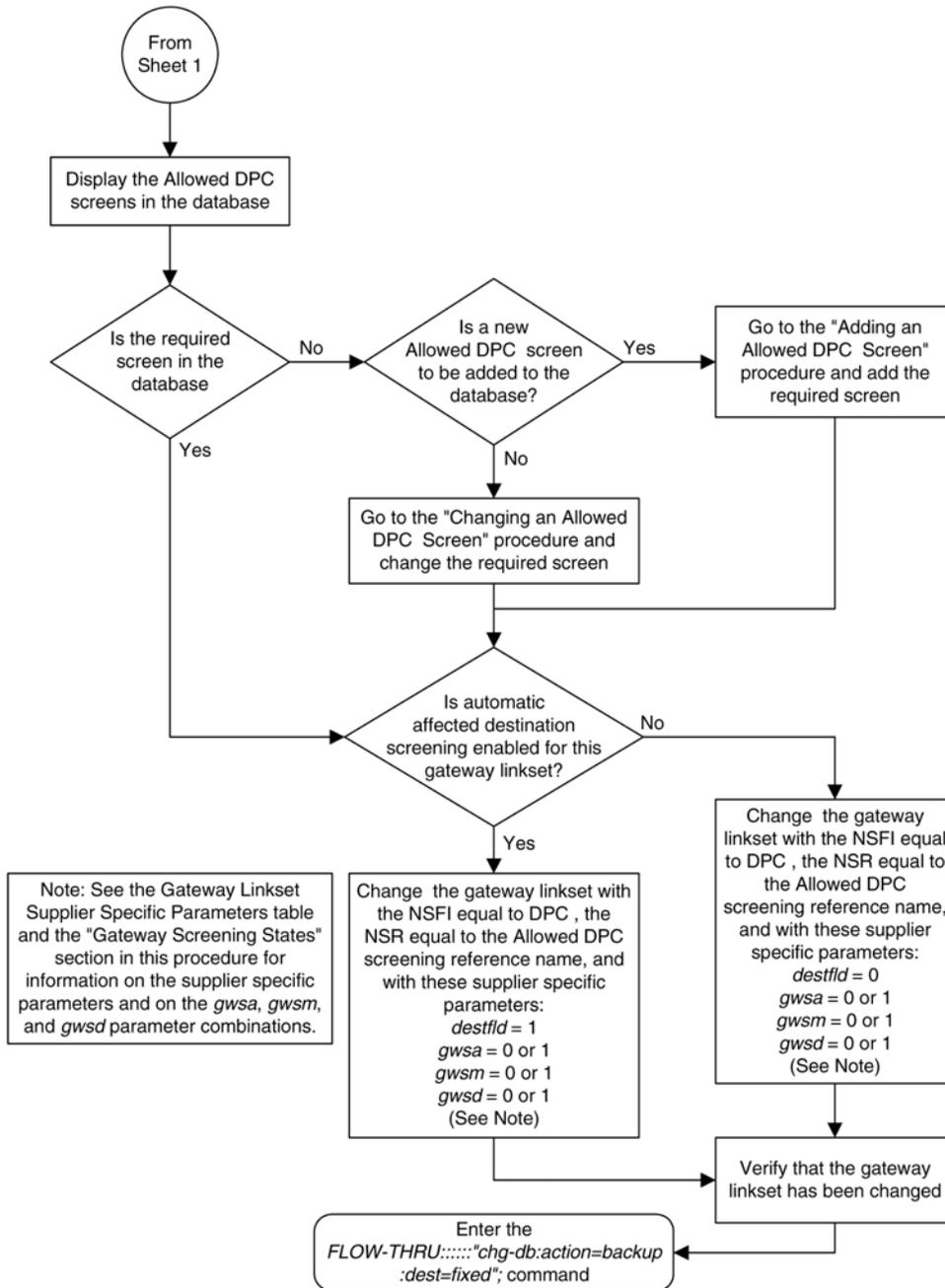


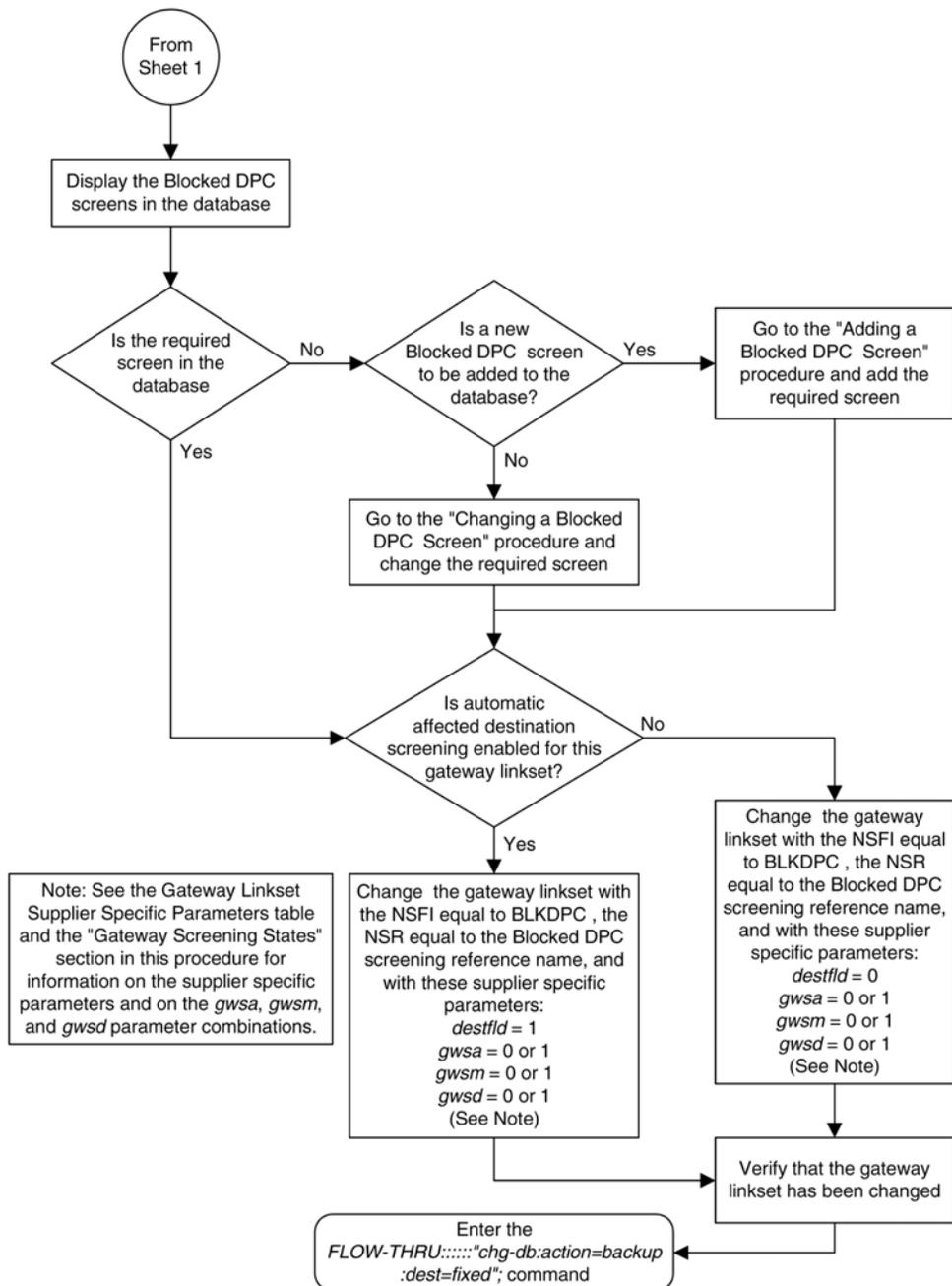












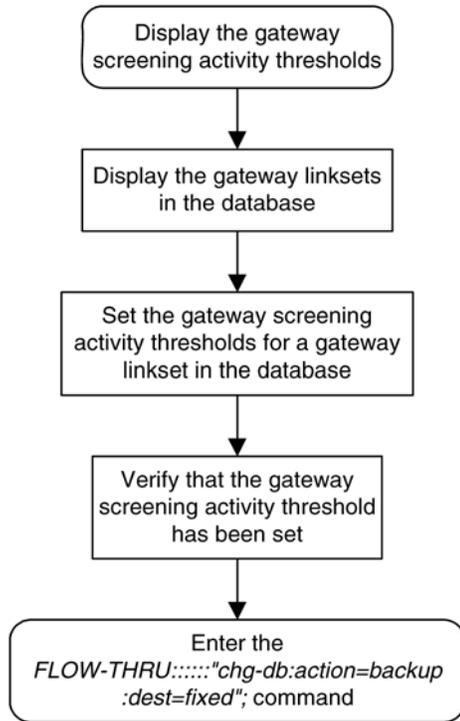
## Setting the Threshold for Reporting Gateway Screening Activity

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*.

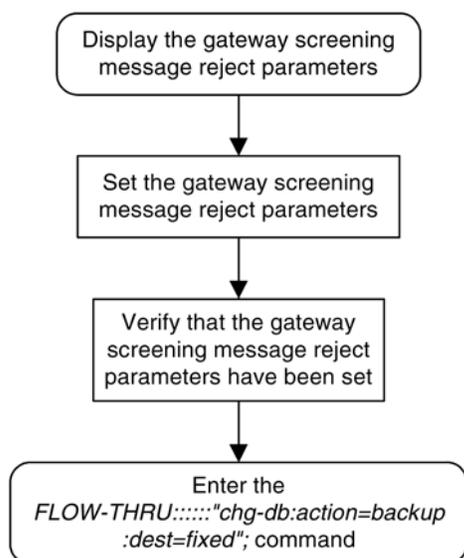
**Figure 55: Setting the Threshold for Reporting Gateway Screening Activity from the SEAS Terminal**



## 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.

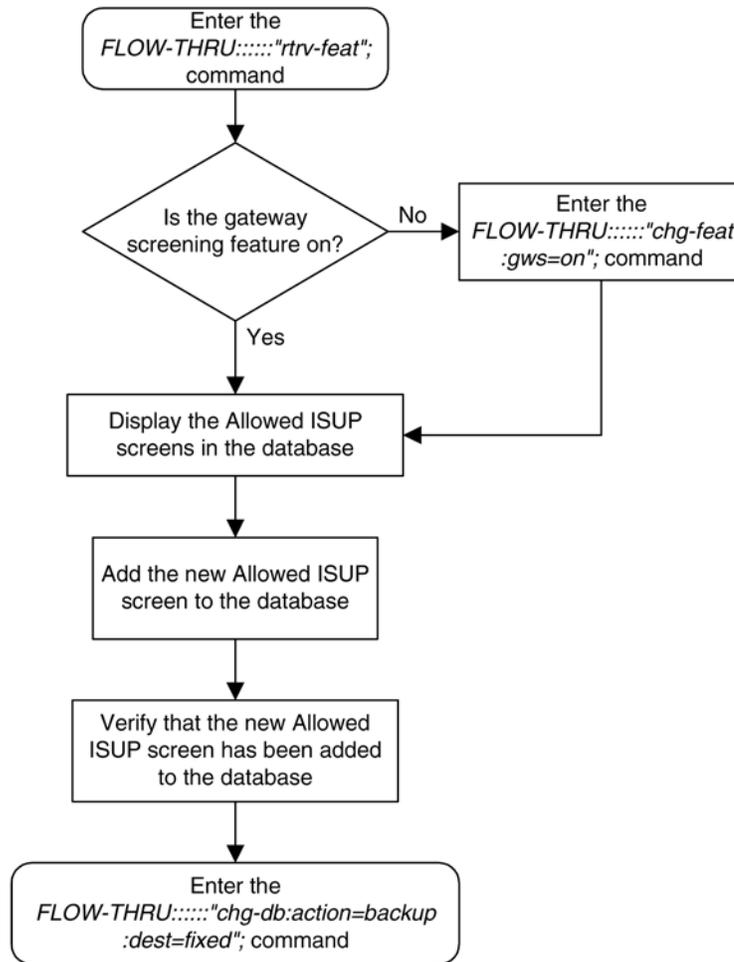
If you wish to assign gateway screening stop action sets to the allowed ISUP message type screen, or use the `tupmt` parameter of the EAGLE 5 ISS’s `ent-scr-isup` command, perform the “Adding an Allowed ISUP Message Type Screen” procedure in the *Database Administration Manual - Gateway Screening* using 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](#) on page 171
- [Changing an Allowed SIO Screen](#) on page 181.

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

**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.

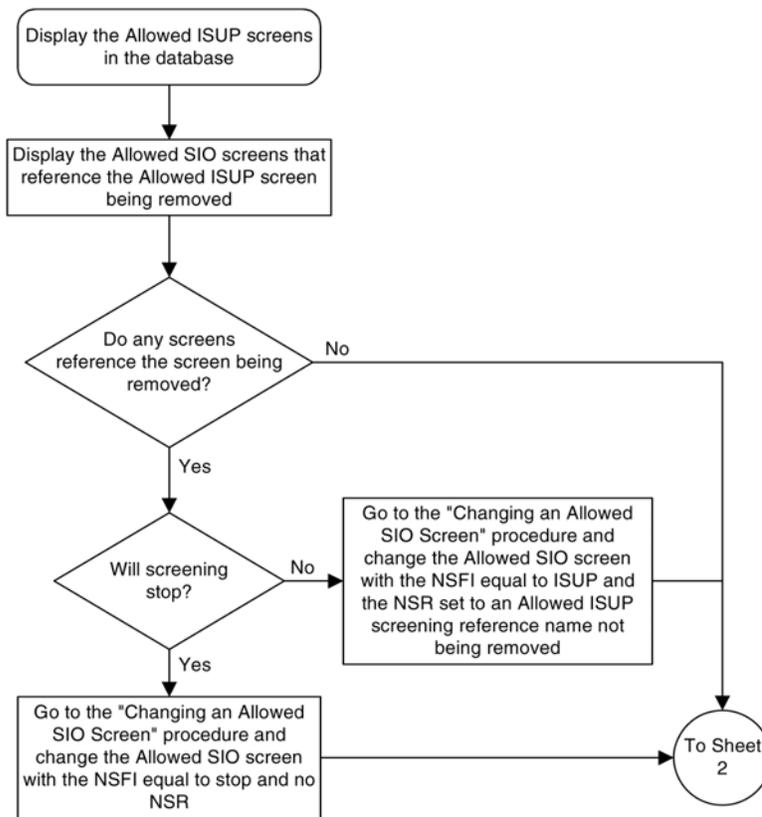


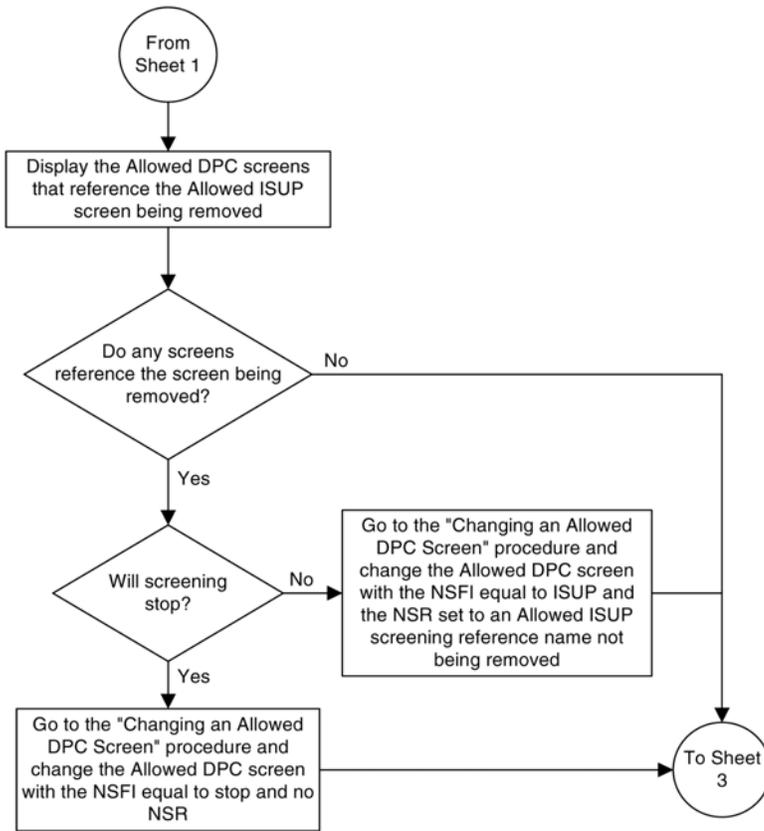
## Removing an Allowed ISUP Message Type Screen

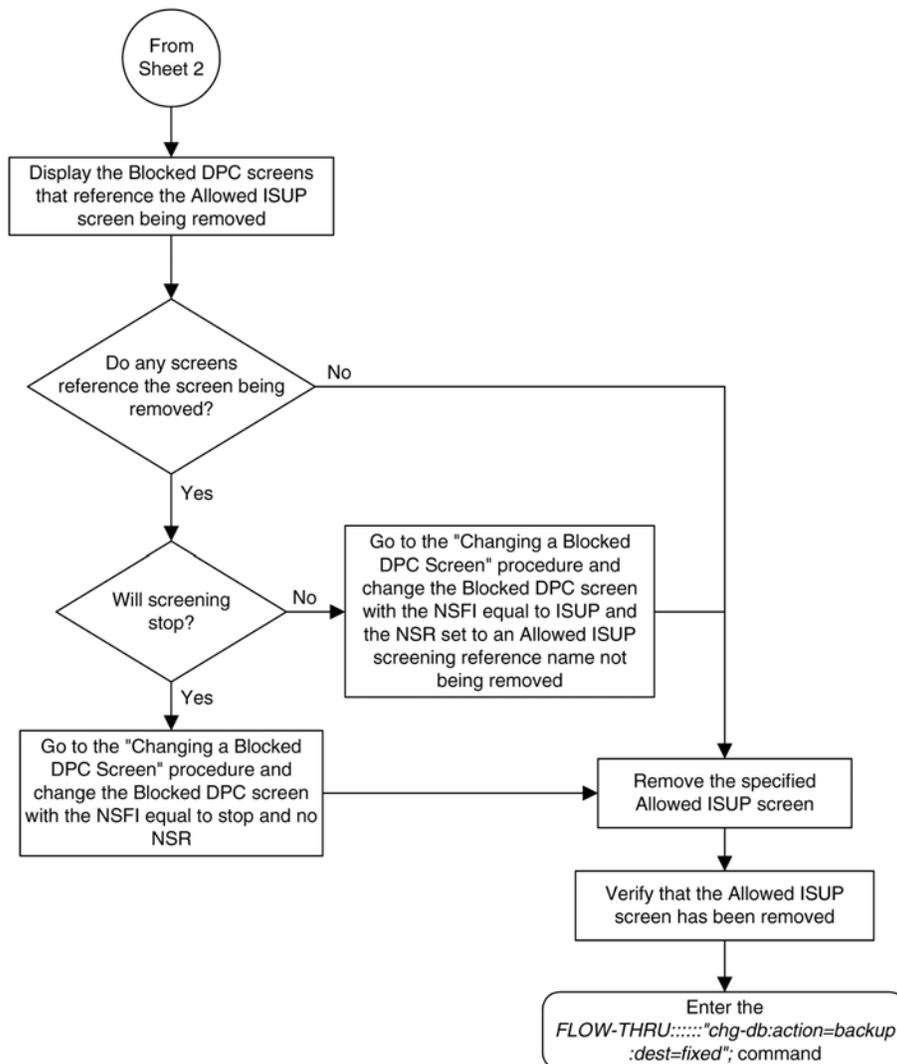
This procedure is used to remove an allowed ISUP message type screen from the database. This procedure uses the EAGLE 5 ISS `chg-db` command. For more information on this procedure, see “Removing an Allowed ISUP Message Type Screen” in the *Database Administration Manual - Gateway Screening*.

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.

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







## 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*.

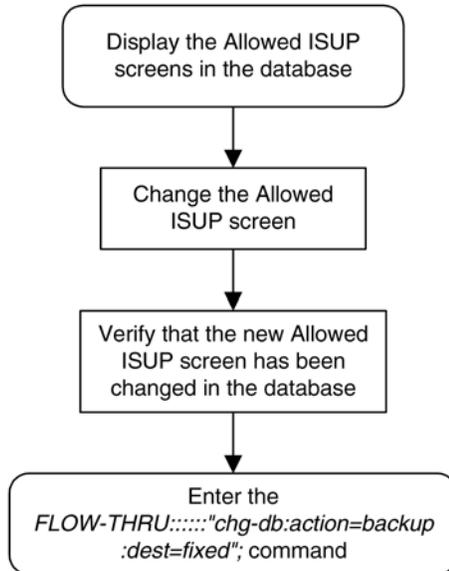
If you wish to assign gateway screening stop action sets to the allowed ISUP message type screen being changed, or use the `tupmt` and `ntupmt` parameters of the EAGLE 5 ISS's `chg-scr-isup` command, perform the "Changing an Allowed ISUP Message Type Screen" procedure in the *Database Administration 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](#) on page 171
- [Changing an Allowed SIO Screen](#) on page 181.

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





# Chapter 6

## Enhanced Global Title Translation (EGTT) Configuration

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### Topics:

- [Provisioning a Mated Application Page 246](#)
- [Removing a Mated Application Page 249](#)
- [Changing a Mated Application Page 252](#)
- [Adding Global Title Address Information Page 255](#)
- [Removing Global Title Address Information Page 261](#)
- [Changing Global Title Address Information Page 262](#)

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*.

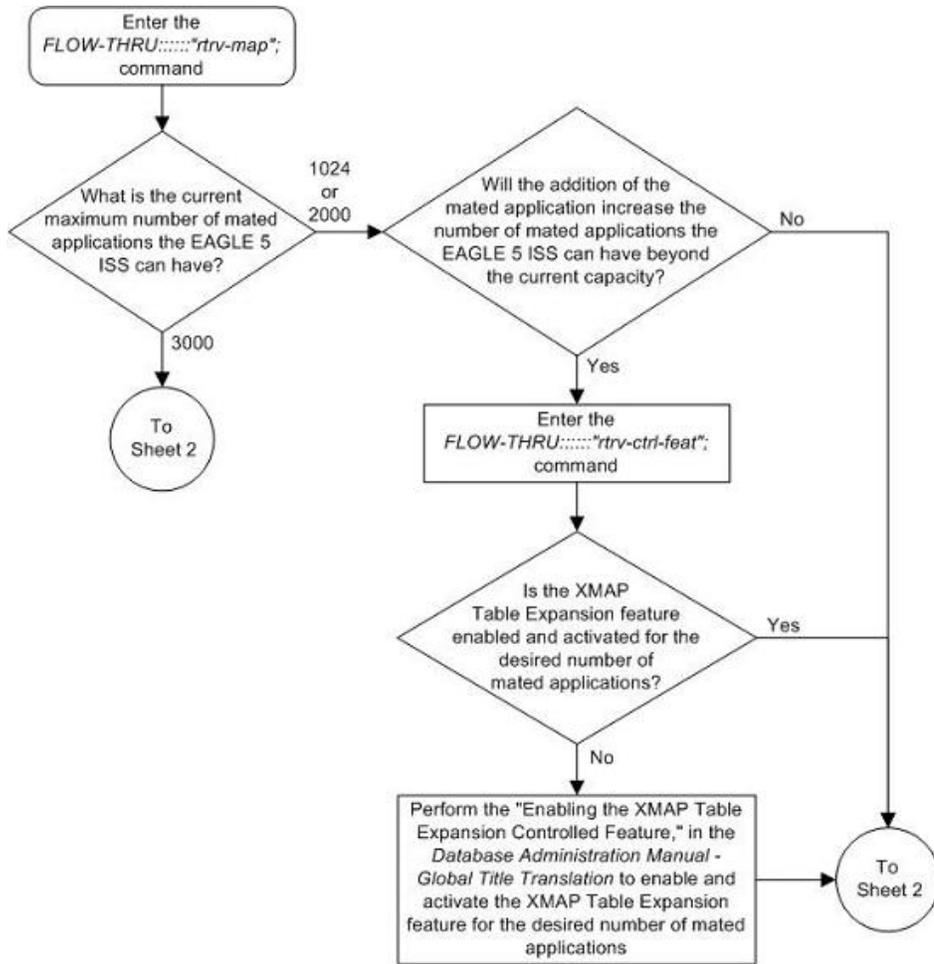
If you wish to use the `pci`, `pcn`, `pcn24`, `mpci`, `mpcn`, `mpcn24`, `srn`, `grp`, `mrc`, `rc`, `materc`, , or `mapset`, `wt`, `mwt`, or `thr` parameters of the EAGLE 5 ISS's `ent-map` command, the subsystem assigned to the mated application is the LNP, INP, V-Flex, ATINPQ, or EIR subsystem, or you 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.

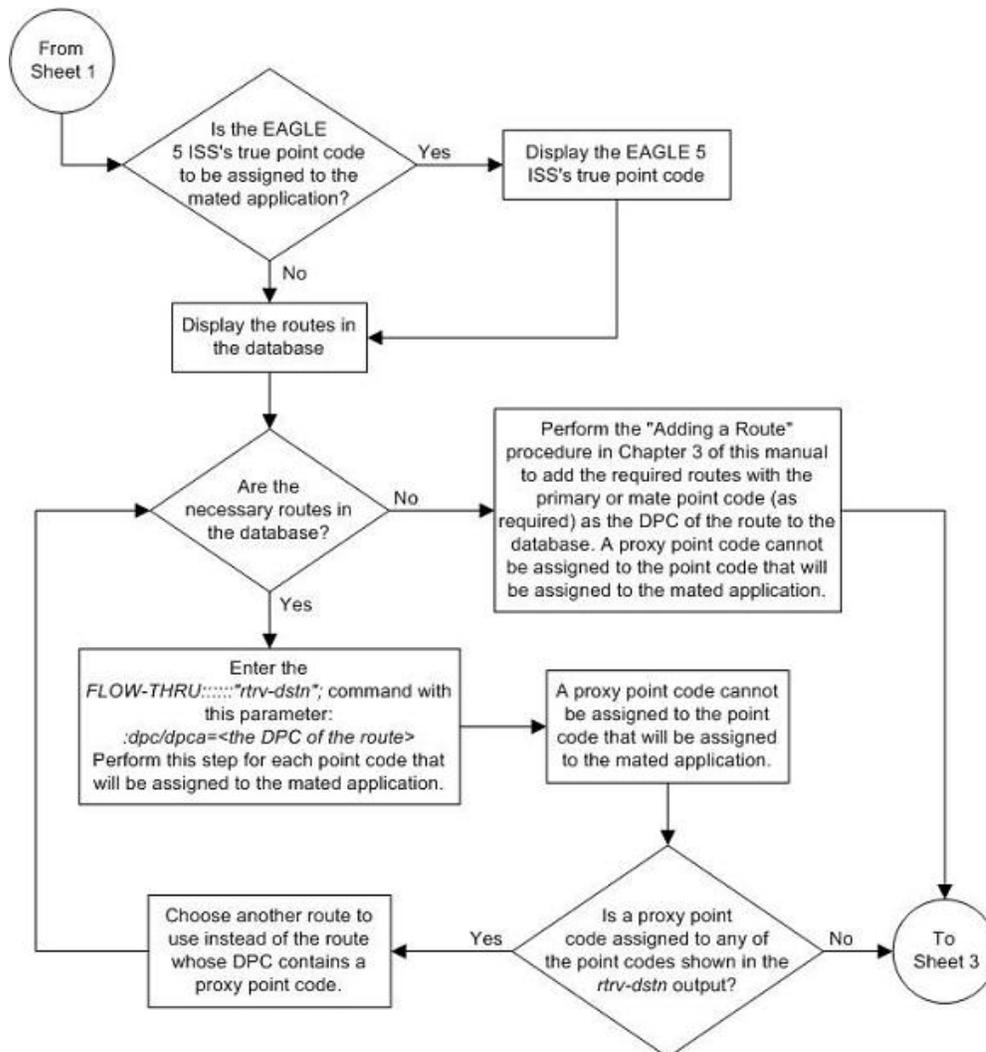
Mated application groups in the EAGLE 5 ISS database can contain up to 32 entries, the primary point code, and up to 31 mate point codes. SEAS allows the user to configure only two entries for each MAP group. To add more entries to the MAP group, up to 30, after performing this procedure, perform one 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.

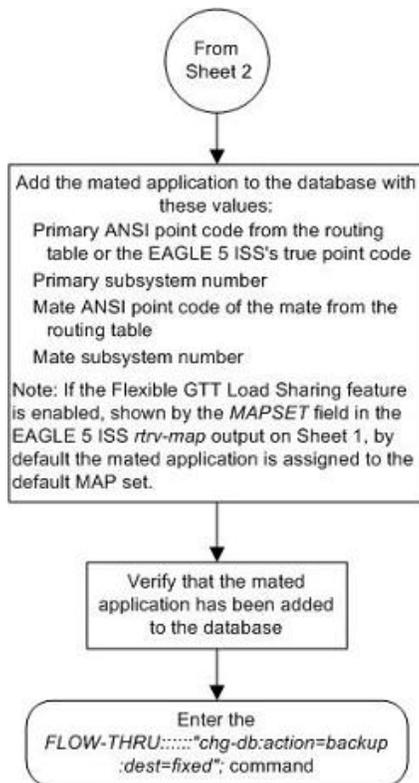
If the Flexible GTT Load Sharing feature is enabled, shown by the `MAPSET` field in the EAGLE 5 ISS `rtrv-map` output, by default the mated application is assigned to the default MAP set. To assign a mated application to a MAP set other than the default MAP set, perform one of the "Provisioning a Mated 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.

### Figure 60: Provisioning a Mated Application







## 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`, or `mapset` 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.

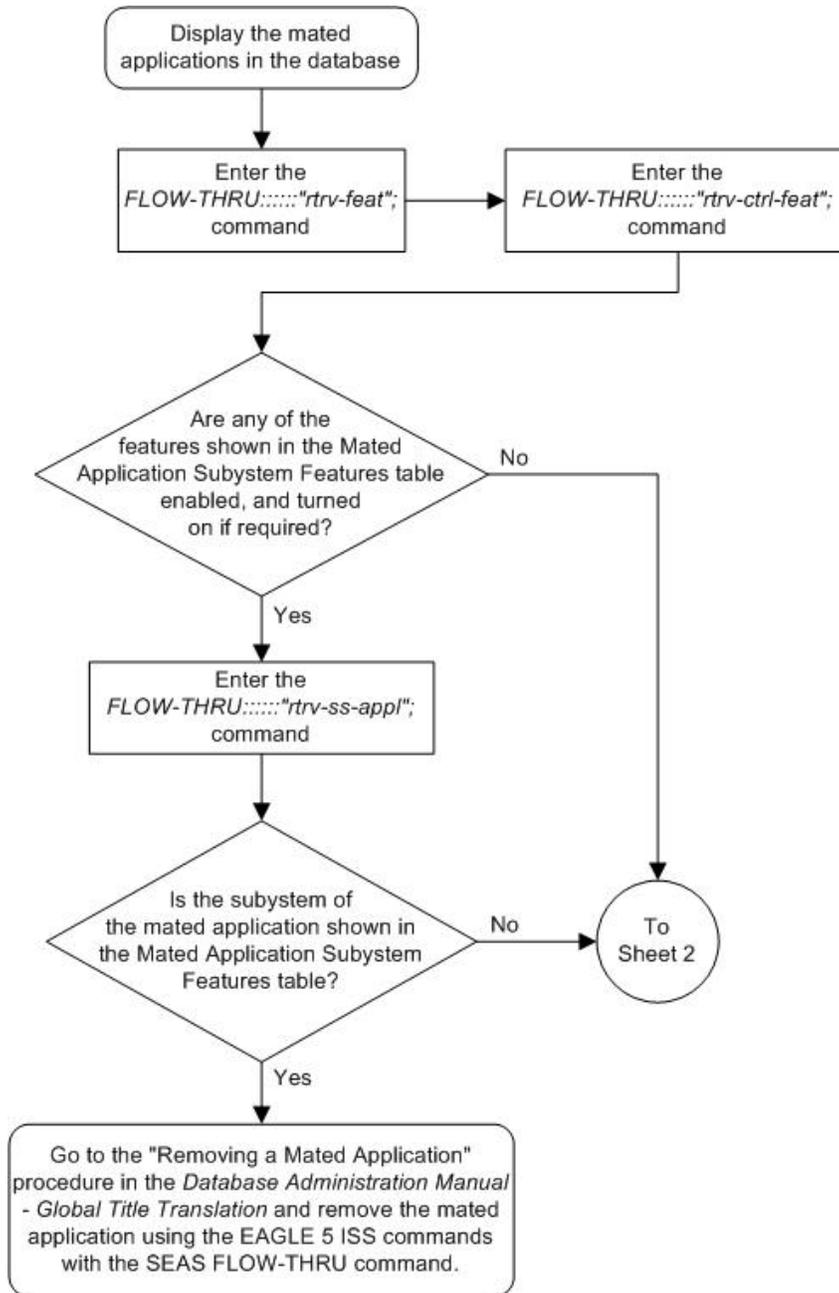
The EAGLE 5 ISS's point code and subsystem can be assigned to the mated application. If the mated application contains EAGLE 5 ISS's point code and the subsystem shown in [Table 16: Mated Application Subsystem Features](#) on page 250, perform the “Removing a Mated Application” procedure

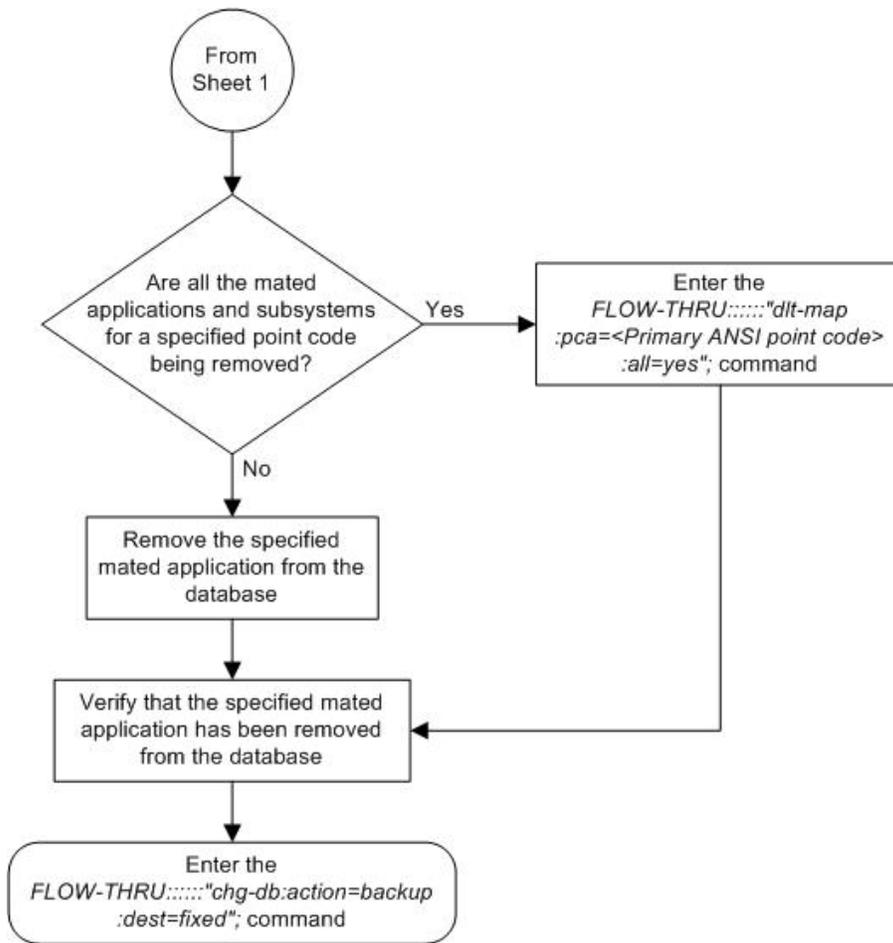
in the *Database Administration Manual - Global Title Translation* using the SEAS FLOW-THRU command with the EAGLE 5 ISS commands.

**Table 16: 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

**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*, *srn*, *grp*, *mrc*, *rc*, *materc*, , or *mapset*, *eswt*, *wt*, *mwt*, *grpwt*, or *thr* 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, or INP subsystem, perform the "Changing 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 you plan to change the existing MAP group to another type of MAP group, perform the “Changing 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 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 on this procedure, see “Changing a Mated Application” in the *Database Administration Manual - Global Title Translation*.

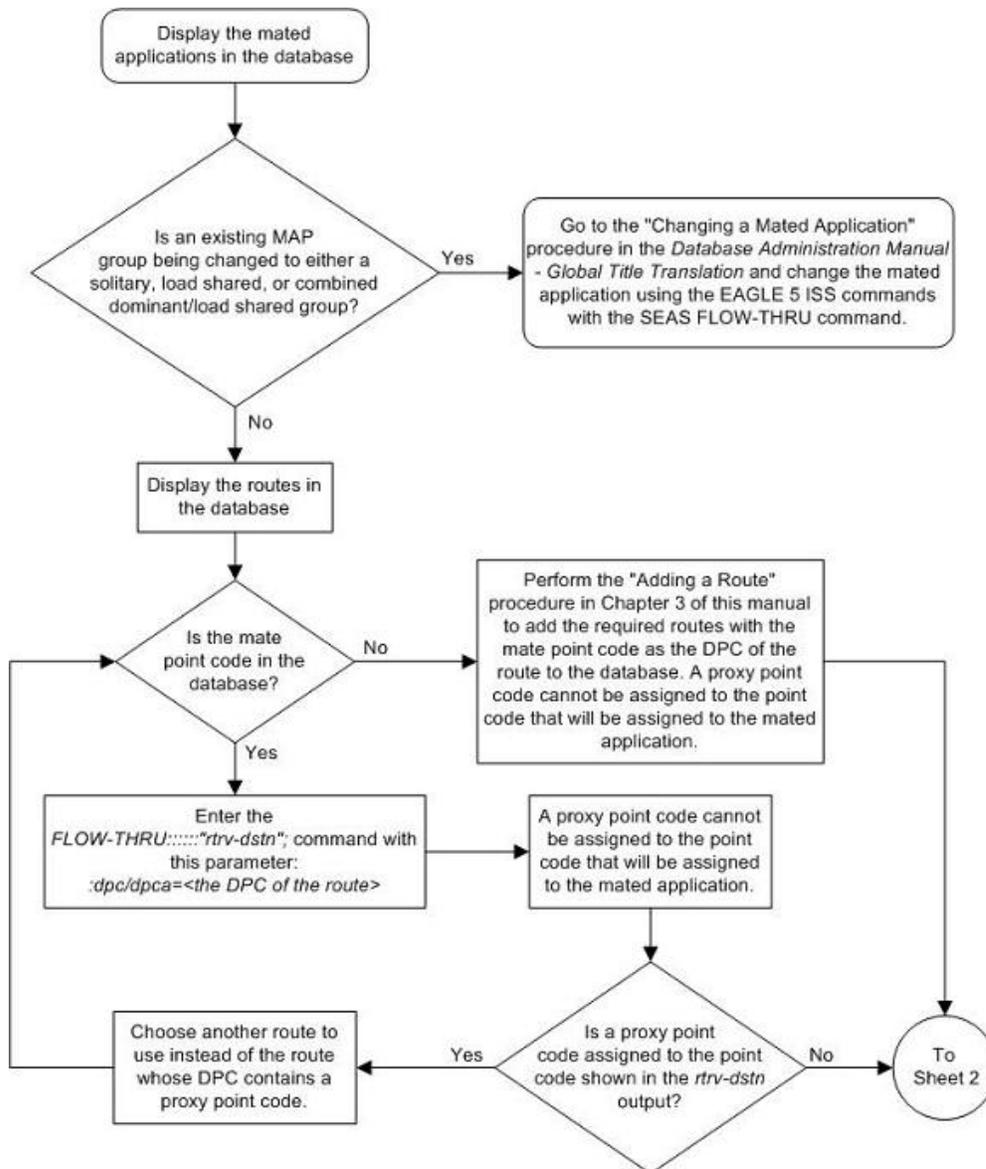
No new entries can be added to a mated application group with this procedure. Mated application groups in the EAGLE 5 ISS database can contain up to 32 eight entries, the primary point code, and up to 31 seven mate point codes. SEAS allows the user to configure only two entries for each MAP group. To 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.

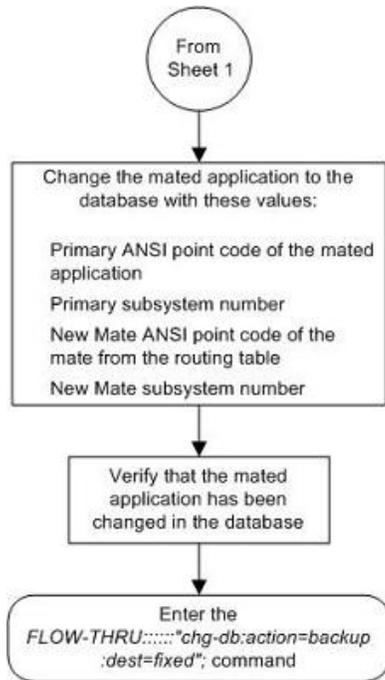
If the Flexible GTT Load Sharing feature is enabled, only entries in the default MAP set are displayed from the SEAS terminal. Performing this procedure changes only mated application entries in the default MAP set. To change entries in a MAP set other than the default MAP set, perform the “Changing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

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-gttset`, `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`, `ntt`, `ccgt`, `force`, `nnp`, `nnai`, `npdd`, `npds`, `nsdd`, `nsds`, `ngti`, `mrnset`, `mapset`, `cggtsn`, `cgpcsn`, `cgssnsn`, `opcsn`, `cgpc/cgpcn/cgpci/cgpcn/cgpcn24`, `opc/opca/opci/opcn/opcn24`, `cgssn`, `ecgssn`, `xlat=disc`, `xlat=udts`, `selid`, `loopset`, or `cggmod`. 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 17: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion* on page 256.

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

**Table 17: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion**

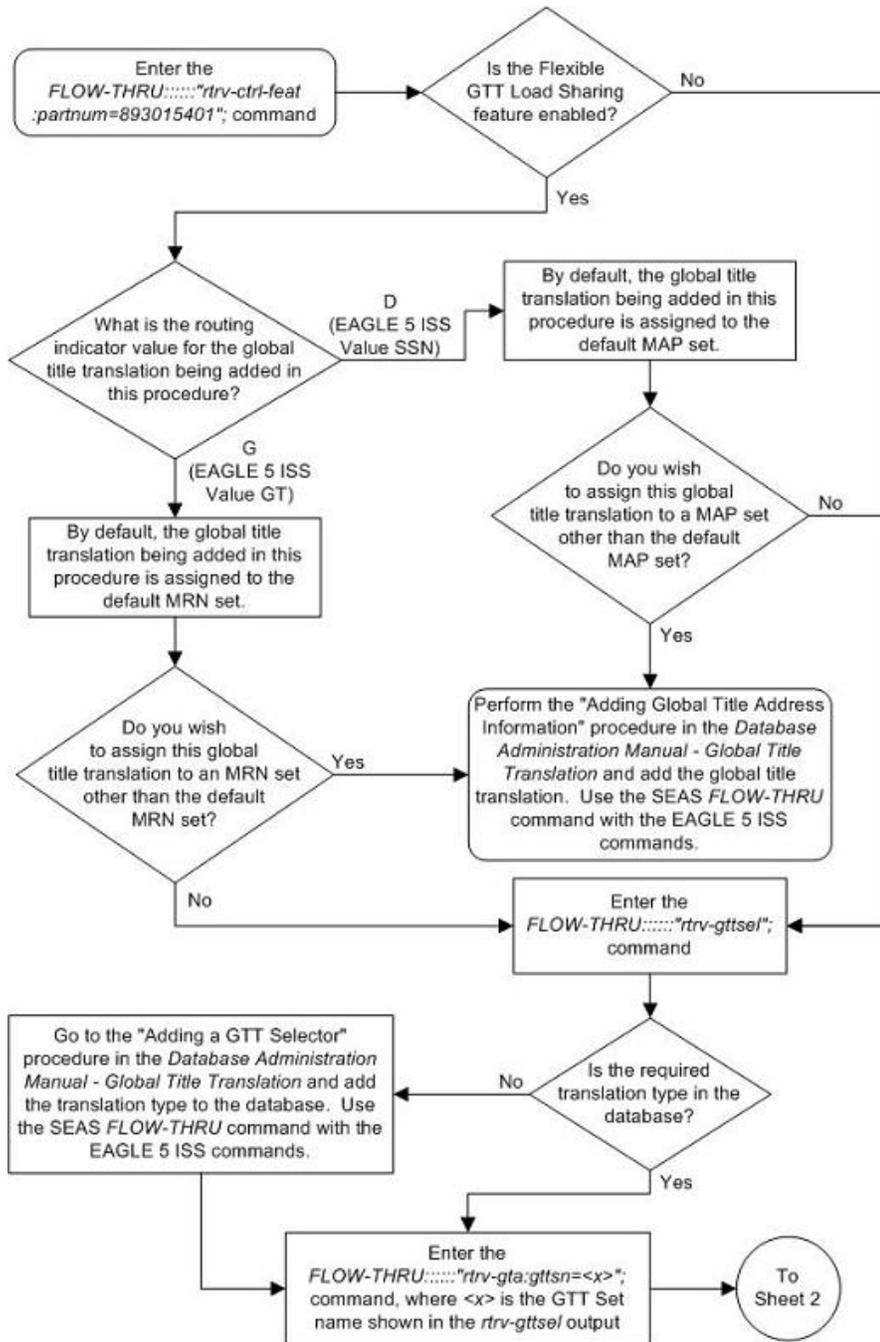
RI SEAS GTT Parameter	DPC SEAS GTT Parameter	SSN SEAS GTT Parameter	XLAT EAGLE 5 ISS GTT Parameter	RI EAGLE 5 ISS GTT Parameter	PC/PCA EAGLE 5 ISS GTT Parameter	SSN EAGLE 5 ISS GTT Parameter
G	xxx-xxx-xxx	000	DPC	GT	xxx-xxx-xxx	Not Specified
D	xxx-xxx-xxx	002-255	DPCSSN	SSN	xxx-xxx-xxx	002-255

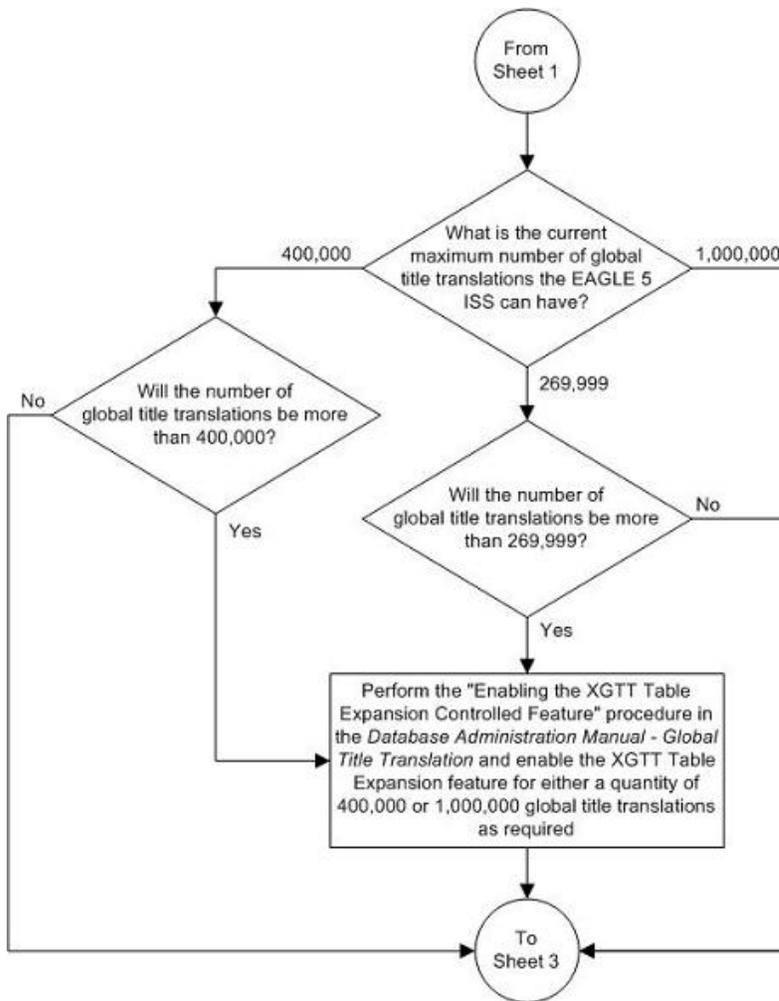
Notes:

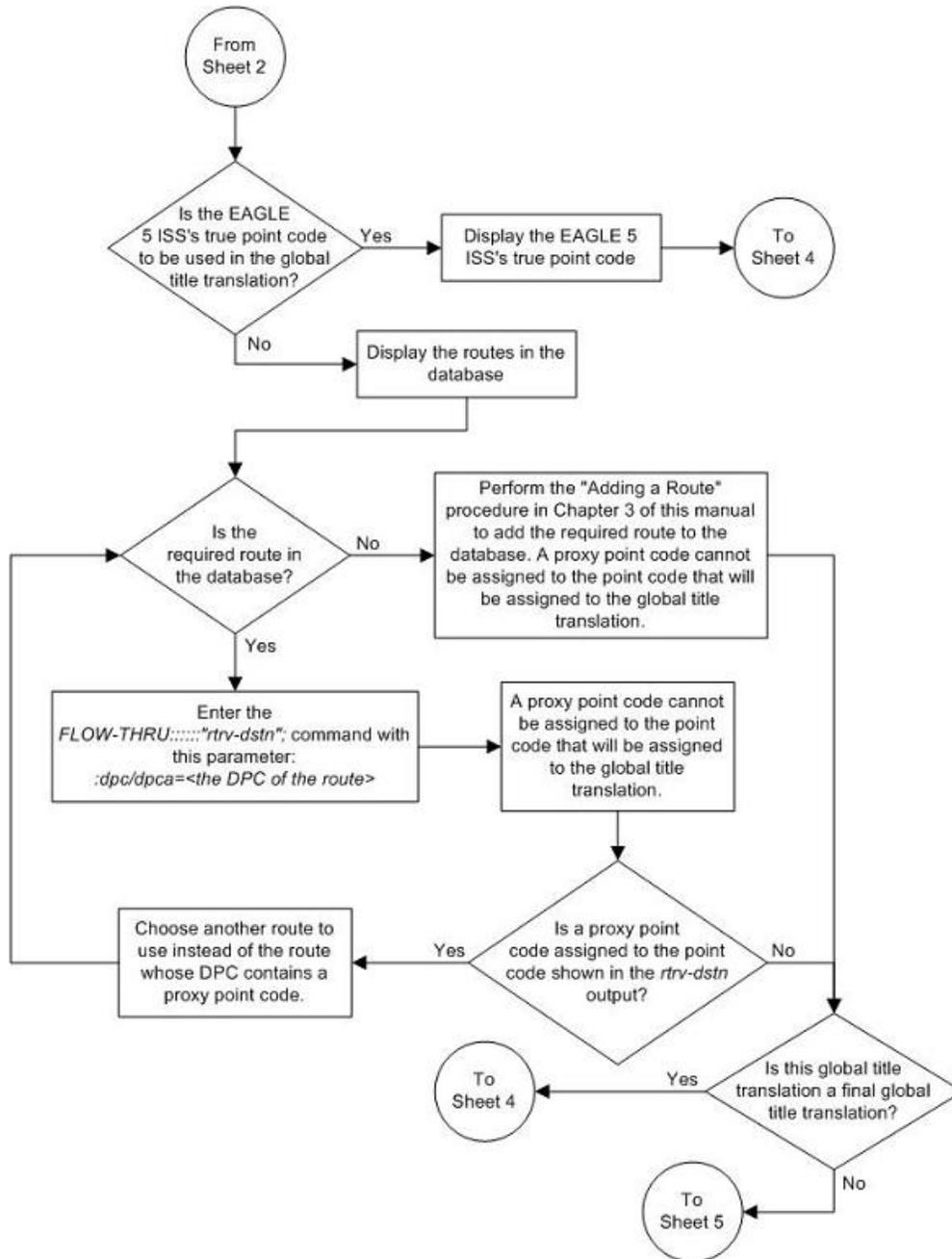
- The SEAS RI=G parameter denotes global title routing, further global title translation is required.
- The SEAS RI=D parameter denotes DPC routing, no further global title translation is required.
- The EAGLE 5 ISS RI=GT parameter denotes further global title translation is required and uses MTP routing.
- 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

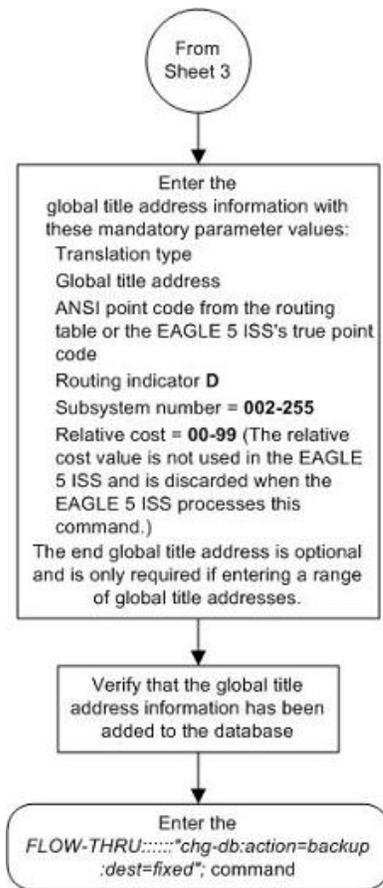
The RC parameter of the SEAS ADD-GTT command is not supported by the EAGLE 5 ISS. While the RC parameter must be specified with the SEAS ADD-GTT command, the RC parameter is discarded when the SEAS ADD-GTT command is processed by the EAGLE 5 ISS.

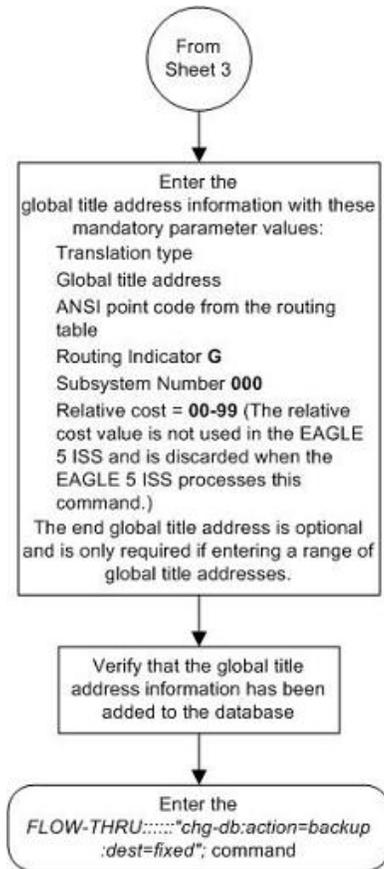
**Figure 63: Adding Global Title Address Information**









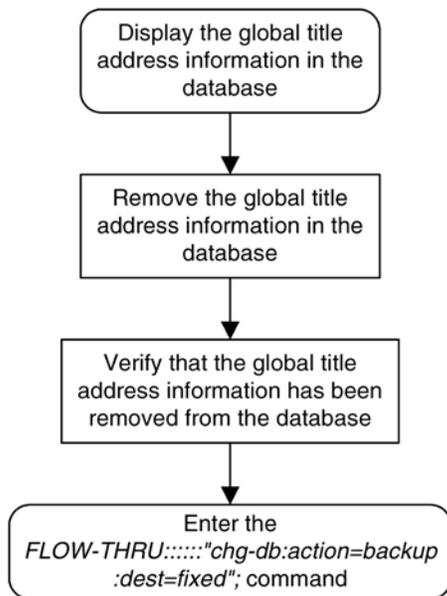


## Removing Global Title Address Information

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

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.

**Figure 64: Removing Global Title Address Information**



## 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-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`, `ntt`, `ccgt`, `force`, `nnp`, `nnai`, `npdd`, `npds`, `nsdd`, `nsds`, `ngti`, `rmgtt`, `mrnset`, `mapset`, `cggtsn`, `cgpcsn`, `cgssnsn`, `opcsn`, `cgpc/cgpcn/cgpci/cgpcn/cgpcn24`, `opc/opca/opci/opcn/opcn24`, `cgssn`, `ecgssn`, `xlat=disc`, `xlat=udts`, `selid`, `loopset`, or `cggmod`. 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 18: SEAS and EAGLE 5 ISS Global Title Address Information Parameter Conversion](#) on page 263.

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

**Table 18: 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.
- 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

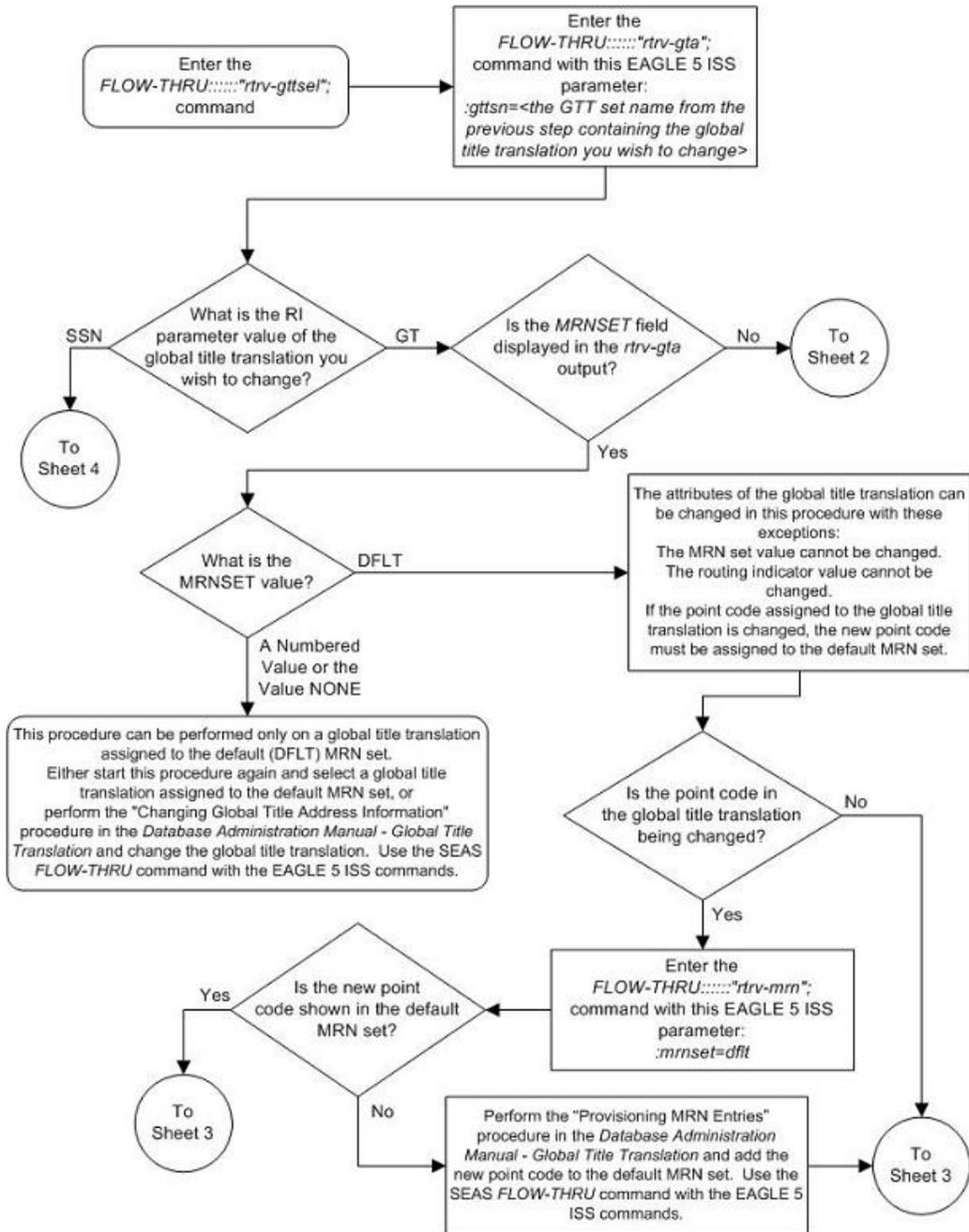
of global title addresses does not overlap an existing range of global title addresses. The range can be reduced so long as the new end global title address parameter value is not smaller than the global title address parameter value.

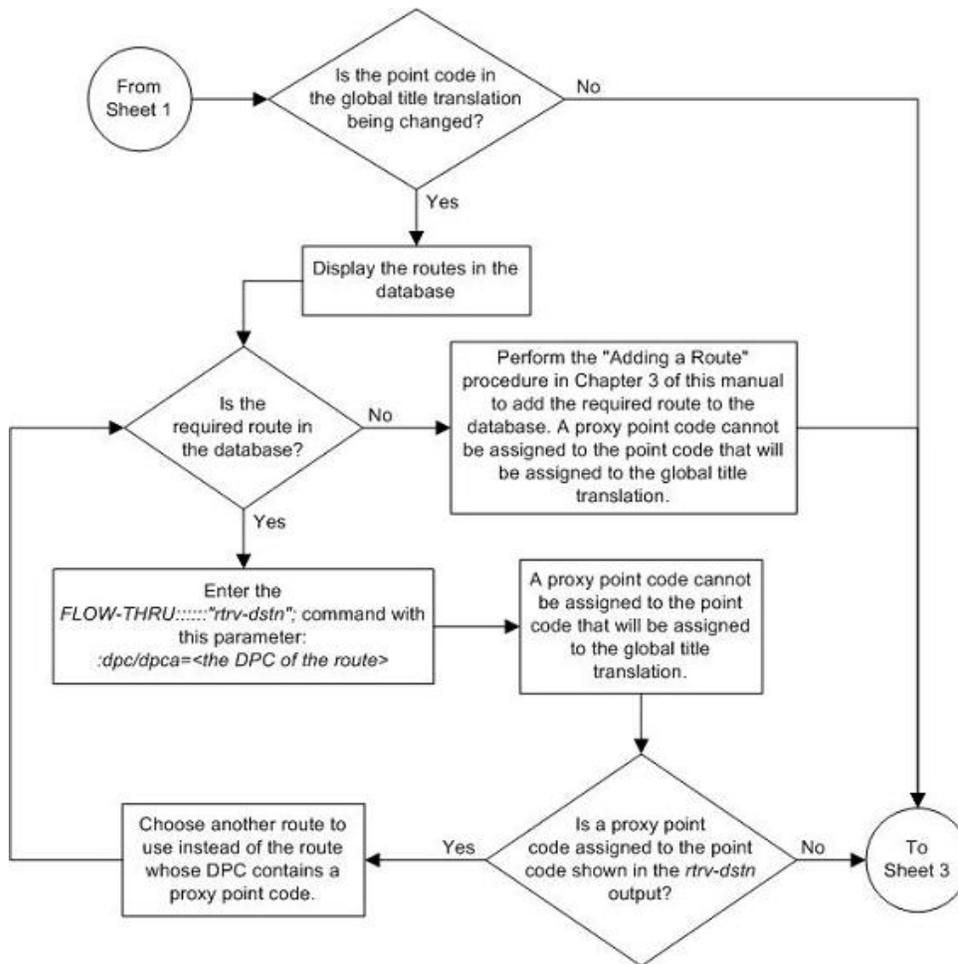
For example, a global title translation contains this range of global title addresses: 9194600000 - 9194603000. The range of global title addresses can be extended to 9194604500 by specifying an end global title address value of 9194604500 parameter with the SEAS CHG-GTT command. However, if another 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.

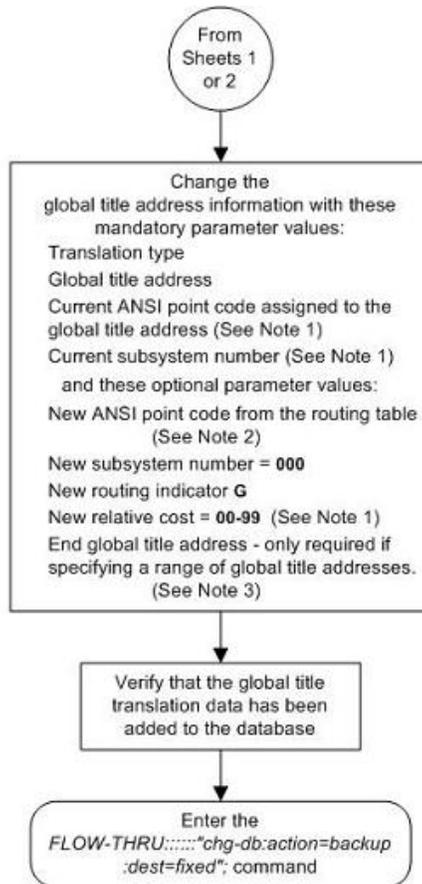
Using the same example, the range of global title addresses can be reduced to 9194600000 - 9194601500 by specifying the end global title address value of 9194601500 with the SEAS CHG-GTT command. The new range must lie inside of the original range. You cannot create the range 9194595000 - 9194600000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

**Figure 65: Changing Global Title Address Information**

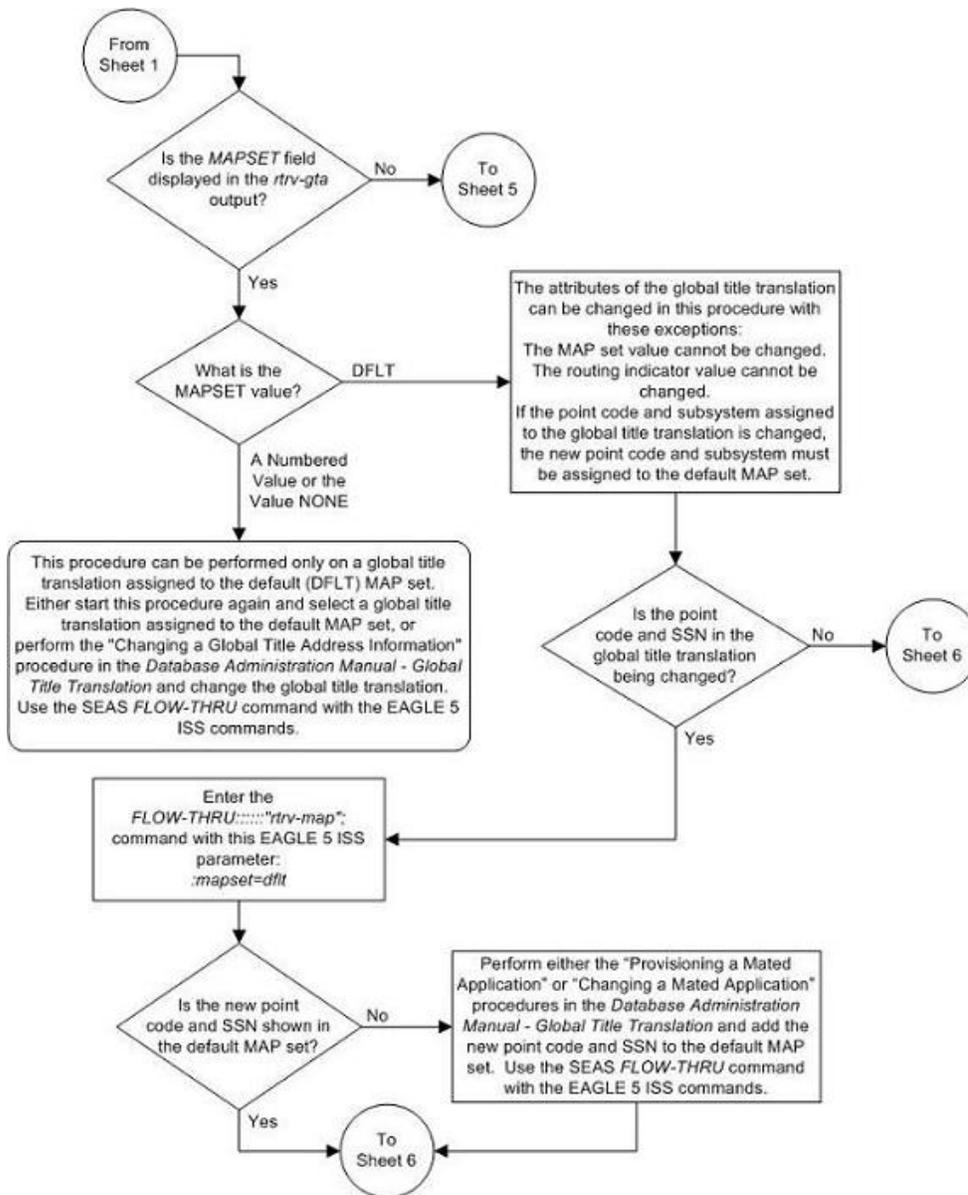


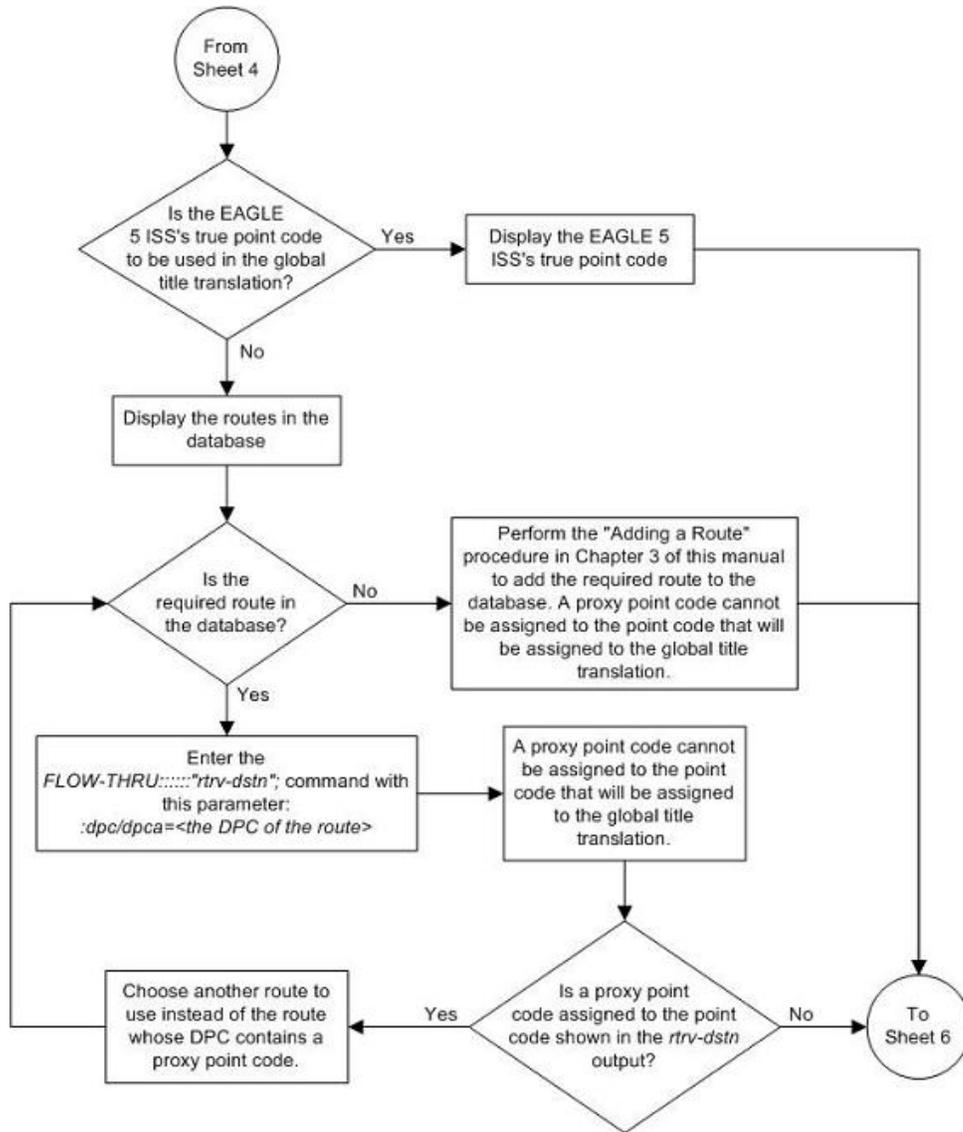


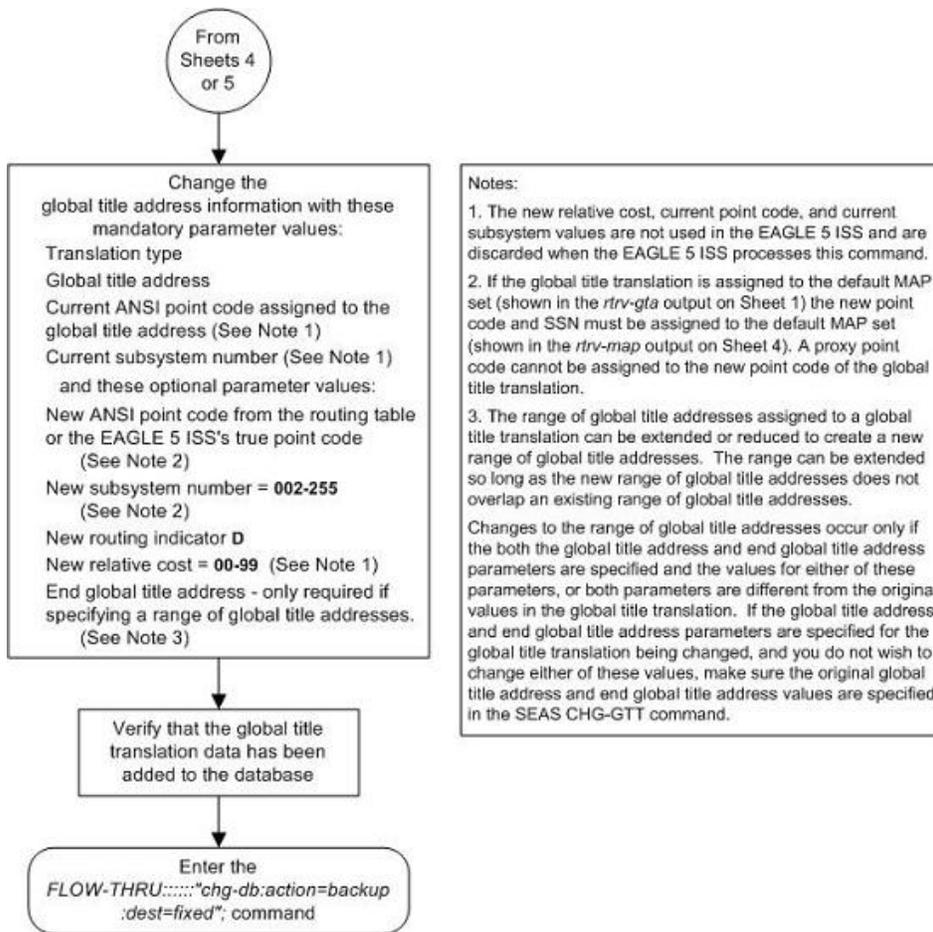


## Notes:

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 *rtv-gta* output on Sheet 1) the new point code must be assigned to the default MRN set (shown in the *rtv-mrn* output on Sheet 1). 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.







# Appendix

# A

## EAGLE 5 ISS/SEAS Compliance Matrix

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### Topics:

- *Introduction Page 272*
- *SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994 Page 272*
- *SEAS-STP Gateway Function Interface Specification, GR-778-CORE, Issue 1, November 1994 Page 340*

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 19: Section 4. Message Headers and UPL/Lower-Layer Interactions**

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(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 20: 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.
(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 21: Section 6. Data Collection Messages

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 6-1	Partially Compliant	<p>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.</p> <p>Also, the EAGLE does not currently support ranges for, or any other compound form of, the period parameter.</p>
(R) 6-2	Partially Compliant	<p>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 (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.</p>
(R) 6-3	Fully Compliant	
(R) 6-4	Partially Compliant	<p>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.</p>
(R) 6-5	Partially Compliant	<p>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.</p>
(R) 6-6	Partially Compliant	<p>The EAGLE 5 ISS does not support all of the required measurement schedules, entity types, and registers (see <a href="#">Table 29: Appendix A. Data Collection Request Structure</a>)</p>

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		on page 309 and <a href="#">Table 30: Appendix B. Standard Data Collection Schedules</a> on page 310).

Table 22: Section 7. Recent Change and Verify (RC&amp;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	
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(CR) 7-40	Not Compliant	The EAGLE 5 ISS does not support storage consolidation for entries of an entity set with like attributes.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		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.
(CR) 7-63	Partially Compliant	The EAGLE 5 ISS does not support the <code>ASGN-SPCSP</code> 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 <code>DLT-SPCSP</code> 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 <code>CHG-SPCSP</code> 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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 <code>chg-rte</code> 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 CLI parameter unless the new far-end point code parameter is being changed as well. In this case the new far-end CLI 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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		does not enforce rule d because the EAGLE 5 ISS does not support supplier-specific parameters. The EAGLE 5 ISS 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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 <i>SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994</i> . 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 <i>**.*-***</i> , <i>ni-nc-**</i> , and <i>ni-nc-***</i> 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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 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 <i>SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994</i> , does not explicitly state that reporting a null CLLI is allowed. The <i>SEAS-STP Interface Specification, GR-310-CORE, Issue 1, November 1994</i> , 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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 23: 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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(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 24: Section 9. STP Application Control Commands**

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(CR) 9-1	Not Compliant	The EAGLE 5 ISS does not support the <code>INH-COLL</code> command.
(CR) 9-2	Not Compliant	The EAGLE 5 ISS does not support the <code>ALW-COLL</code> 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 25: 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 26: 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	

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(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 27: Section 12. Message Priority and Routing**

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(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 28: Section 13. Routing Verification Test Messages**

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 29: 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.

<b>Telcordia Requirement</b>	<b>Level of Compliance</b>	<b>Comments/Exceptions</b>
(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 30: Appendix B. Standard Data Collection Schedules**

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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(R) B-258	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-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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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
(O) B-337	Not Compliant	The EAGLE 5 ISS does not support the supplier-specific entity types.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

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

**Table 31: 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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		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 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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		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 and current NCM parameters), the parameters for delayed activation, the new remarks parameter, nor the new supplier-specific parameter block.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
		a per screen basis and New Input Validations as these are SEAS post-7.0 feature.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 32: 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 33: 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

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 34: Section 6. STP Gateway Data Collection

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) 6-1	Partially Compliant	See <a href="#">Table 21: Section 6. Data Collection Messages</a> on page 275.
(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: ORIGNI = 60 ORIGNINC = 800 LSDESTNI = 3000 (and limited to 60 per linkset) LSORIGNI = 1000 (and limited to 60 per linkset)

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	<p>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.</p> <p><b>Note:</b> The ORIGNINC entities will only exist for NI - NC combinations whose network indicator is in the range from 1 to 5 (inclusive).</p>
(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 <a href="#">Table 21: Section 6. Data Collection Messages</a> on page 275

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) 6-11	Not Compliant	The EAGLE 5 ISS does not currently report the particular field that failed in a gateway message.
(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	<p>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.</p> <p><b>Note:</b> "ACTIVE" period measurements are not supported for schedule P_GTWY.</p>
(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 35: 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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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 36: Appendix B. Gateway Measurement Definitions and Standard Register Labels**

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(O) B-1	Fully Compliant	
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	
(R) B-46	Fully Compliant	
(R) B-47	Fully Compliant	
(R) B-48	Fully Compliant	
(R) B-49	Fully Compliant	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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	

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(R) B-69	Fully Compliant	
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.

Telcordia Requirement	Level of Compliance	Comments/Exceptions
(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.
(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.



# Glossary

## A

A	Ampere
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.
ASL8	Adjacent SLS 8-bit Indicator

**A**

ATM	<p>Asynchronous Transfer Mode</p> <p>A packet-oriented transfer mode that uses an asynchronous time division multiplexing technique to multiplex information flow in fixed blocks, called cells.</p> <p>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.</p>
ATMANSI	<p>The application used for high-speed ANSI ATM signaling links.</p>

**B**

BEI	<p>Broadcast Exception Indicator</p>
-----	--------------------------------------

**C**

CLLI	<p>Common Language Location Identifier</p> <p>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 province), building, and traffic unit identity. The format of the CLLI is:</p> <p>The first four characters identify the city, town, or locality.</p> <p>The first character of the CLLI must be an alphabetical character.</p> <p>The fifth and sixth characters identify state or province.</p> <p>The seventh and eighth characters identify the building.</p>
------	---

## C

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.

## CR

Cluster Routing

Connection Request

## CRC

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.

## CSR

Customer Service Request

## D

DA	Destination Address
Database	All data that can be administered by the user, including cards, destination point codes, gateway screening tables, global title translation tables, links, LNP services, LNP service providers, location routing numbers, routes, shelves, subsystem applications, and 10 digit telephone numbers.
DCE	Data Communication Equipment The data communication equipment associated with the transmission of data from one device to another. Examples of data communication equipment are modems, remote terminals, and communications processors.
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.
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.

## D

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.

DTE

Data Terminal Equipment

The equipment associated with the entering and retrieving data from a computer system or a data communications system. A video display terminal is an example of data terminal equipment.

## E

E1

The European equivalent of T1 that transmits digital data over a telephone network at 2.048 Mbps.

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

## E

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).

ECM

Emergency Changeover Message  
Error Correction Method

EDCM

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.

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.

**E**

Enhanced Global Title Translation      See EGTT.

**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.

GPSM-II      General Purpose Service Module  
Contains the communications processor and applications processor and provides connections to the Interprocessor Message Transport (IMT) bus. The GPSM-II card can run on the OAM, IPS, or MCP applications.

GSM      Global System for Mobile Communications

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

**G**

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 ISS's database is allowed to enter the EAGLE 5 ISS.

GWSA

Gateway Screening Action

Gateway Screening Application

GWSD

Gateway Screening Message Discard

GWSM

Gateway Screening Messages

Gateway Screening Mode

**H**

HC-MIM

High Capacity Multi-Channel Interface Module

A card that provides access to eight E1/T1 ports residing on backplane connectors A and B. Each data stream consists of 24 T1 or 31 E1 DS0 signaling links assigned in a time-division multiplex (TDM) manner. Each channel occupies a unique timeslot in the data stream and can be selected as a local signaling link on the interface card. Each card has 8 E1 or 8 T1 port interfaces with a maximum of 64 signaling links provisioned among the 8 E1/T1 ports.

## I

IDNS	Input Data Not Supported
IMT	Inter-Module-Transport The communication software that operates the inter-module-transport bus on all cards except the LIMATM, DCM, DSM, and HMUX.
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	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 GPL

## I

(IPGWI, SS7IPGW) run on the SSEDPCM/E5-ENET hardware.

IPLIM The application used by the SSEDPCM/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 GPL (IPLIMI, IPLIM) run on the SSEDPCM/E5-ENET hardware.

ISNI Intermediate Signaling Network Identification

ISS Integrated Signaling System

ISUP ISDN User Part

ITU International Telecommunications Union

## L

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, X.25, IP and other network elements, such as a Signaling

**L**

Control Point (SCP) through a variety of signaling interfaces (V.35, OCU, 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

LNP

Local Number Portability

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

MAP

Mobile Application Part

MASP

Maintenance and Administration Subsystem Processor

The Maintenance and Administration Subsystem Processor (MASP) function is a

## M

	<p>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.</p> <p>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.</p>
Mated Application	The point codes and subsystem numbers of the service databases that messages are routed to for global title translation.
MDAL	<p>Maintenance Disk and Alarm Card</p> <p>Provides Alarming and cartridge-based loading of software. It contains a 2.3 Gbyte removable cartridge drive and alarm logic. There is only one MDAL card in the maintenance and administration subsystem and it is shared between the two MASPs.</p>
MHz	Megahertz
MIM	Multi-Channel Interface Module
MODE	<p>A parameter of the <code>chg-slt</code> command and a field in the <code>rtrv-slt</code> command output showing the mode used when sending signaling link test messages, regular or special.</p> <p>special - All SLTMs generated by the links in the link set associated with this SLTM record are</p>

## M

designated "special" maintenance messages.

regular - All SLTMs generated by the links in the link set associated 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 Signaling 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.



## O

OAP

A stand-alone processor that acts as an interface between:

- The EAGLE 5 ISS and OSS (operation support system) devices using standard interfaces and converting the communications to the EAGLE 5 ISS proprietary serial interface.
- The EAGLE 5 ISS LNP and the SEAC (Signaling Engineering and Administration Center), for the SEAS feature, converting SEAS commands into EAGLE 5 ISS LNP commands and EAGLE 5 ISS LNP commands into SEAS commands.
- The EAGLE 5 ISS LNP and the SMS (Service Management System), for the LNP feature, receiving LNP data and commands from the SMS and converting the SMS commands into EAGLE 5 ISS LNP commands and loading the LNP data onto the EAGLE 5 ISS LNP.

OOS-MT

Out of Service - Maintenance

The entity is out of service and is not available to perform its normal service function. The maintenance system is actively working to restore the entity to service.

OPC

Originating Point Code

## 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

## P

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:

- 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**).

**P**

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**).

The EAGLE 5 ISS LNP uses only the ANSI point codes and Non-ANSI domestic point codes.

PCA

Point Code ANSI

PCR

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 the receiving end of the signaling link receives the MSU with no errors, positive acknowledgment 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. The PCR method of error correction cannot be assigned to X.25 signaling links.

PCS

Personal Communications Service (North American GSM)

**R**

Restricted

The network management state of a route, link set, or signaling link that is not operating properly and

**R**

cannot carry all of its traffic. This condition only allows the highest priority messages to be 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 path to another signaling point.

RST

Route Set Test

**S**

SAPC

Secondary Adjacent Point Code

SCCP

Signaling Connection Control Part

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

An interface defined by Bellcore and used by the Regional Bell Operating Companies (RBOCs), as well as other Bellcore Client

## S

	Companies (BCCs), to remotely administer and monitor the signaling points in their network from a central location.
Self Identification of the EAGLE 5 ISS	The point code that identifies the EAGLE 5 ISS to the other signaling points in the network.
Signaling Link	<p>The transmission path connecting the EAGLE 5 ISS to other signaling points in the network and providing access to ANSI SS7, ITU SS7, and X.25 network elements. The signaling link is connected to the EAGLE 5 ISS at the link interface module (LIM).</p> <p>A generic program load application that is loaded on the LIM to allow the LIM to access a particular network element.</p>
SIO	<p>Service Information Octet.</p> <p>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.</p>
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

## S

enables National and National Spare traffic to be routed over the same linkset. The EAGLE uses the 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

SS7ANSI SS7 ANSI  
An application used by the LIM cards and the E1/T1 MIM card for the MTP functionality.

SSN Subsystem Number

STP Signal Transfer Point  
STPs are ultra-reliable, high speed packet switches at the heart of SS7 networks, which terminate all link types except F-links. STPs are nearly always deployed in mated pairs for reliability reasons. Their primary functions are to provide access to SS7 networks and to provide routing of signaling messages within and among signaling networks.

## 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.

## T

	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 The MAS card that contains the fixed disk drive (hard disk storage), the terminal processor for the 16 serial I/O ports, and an interface to the MDAL (maintenance disk and alarm) card, which contains the removable cartridge drive and alarm logic. Time Division Multiplexing
TFA	TransFer Allowed (Msg)
TFR	Transfer Restricted
TS	Test Strategy Traffic Server Technical Specification
TSET	Transmitter Signaling Element Timing
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

**T**

Translation table determines the routing to a particular service database.

TUP Telephone User Part

**U**

UAL User Application Layer

ULP Upper Layer Protocol

**V**

V.35 ITU Interface Recommendation, V.35  
The interface used with the LIMV35 card.

VCI Virtual Channel Identifier

VPI Virtual Path Identifier

**X**

XLAT Translate Indicator

XUDT Extended User Data



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