

IBM Sterling Gentran:Realtime for z/OS

# Installation Guide

Release 6.6



This edition applies to the 6.6 Version of IBM® Sterling Gentran:Realtime® for z/OS® and to all subsequent releases and modifications until otherwise indicated in new editions.

Before using this information and the product it supports, read the information in Notices on page N-1.

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# Getting Started

## Overview

Welcome to IBM® Sterling Gentran:Realtime® for z/OS®!

Sterling Gentran:Realtime provides you with the flexibility, efficiency, and thoroughness required to meet your most demanding requirements.

Step-by-step instructions guide you through the installation, verification, and conversion procedures. Follow all of the steps required for your particular installation. Test procedures to confirm that the installation has been successful are included in Chapter 4, “Installation Verification for Partner/Qualifier Mode” and Chapter 5, “Installation Verification for Relationship and Mixed Modes.” If you have a problem, use these test procedures before contacting the IBM Software Product Support Center.

Sample online screens are included where appropriate to illustrate the test results that you can expect while performing these installation and conversion procedures. If you want to familiarize yourself with Sterling Gentran:Realtime functionality after you have installed the software, the verification steps in Chapter 4 and Chapter 5 lead you through the system in a tutorial-like fashion.

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## General Guidelines

The following are important guidelines to consider before you install Sterling Gentran:Realtime:

- If you are installing both IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 and Sterling Gentran:Realtime, install Sterling Gentran:Basic before installing Sterling Gentran:Realtime.
- If you purchased Sterling Gentran:Realtime to use without Sterling Gentran:Basic, you will perform some steps in these procedures to install the Sterling Gentran:Basic functionality you need in Sterling Gentran:Realtime.
- If you have purchased other Sterling Gentran:Basic/Realtime add-on products, you must install Sterling Gentran:Realtime first. After Sterling Gentran:Realtime has been installed, verified, and configured to meet your environment needs, you can install additional Sterling Gentran product(s) in any order, at any time.
- Do not install IBM® Sterling Gentran:Control® for z/OS® with Sterling Gentran:Realtime. Sterling Gentran:Control is incorporated into the Sterling Gentran:Realtime product.

## Related Documentation

The following documents contain additional information related to using Sterling Gentran:Realtime. Use the descriptions in this list to help determine which documents contain the information you need.

- *IBM® Sterling Gentran® for z/OS® Release 6.6 Release Notes and Impact Guide*  
Contains information about the changes and enhancements made in this release of the Sterling Gentran family of products, as well as information about the impact this release will have to your operations. The “Impact” section includes such information as file conversions, JCL changes, and CICS table entry changes.
- *IBM® Sterling Gentran:Realtime® for z/OS® User Guide*  
Contains reference information such as field descriptions and function key descriptions about the Sterling Gentran:Realtime screens, as well as program and file descriptions, example programs, and user exits.
- *IBM® Sterling Gentran:Realtime® for z/OS® Technical Reference Guide*  
Contains reference information and program and file descriptions.
- *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide*  
Contains reference information, such as field descriptions and function key descriptions, about the Sterling Gentran:Basic screens.
- *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide*  
Contains detailed reference information on Sterling Gentran:Basic/Realtime batch programs and file descriptions.
- *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 System Message Guide*  
Contains sequential reference information on the specific Sterling Gentran:Basic/Realtime system messages.



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## Overview of Product Functionality

### Product Overview

Sterling Gentran:Realtime fits into your EDI environment as a stand-alone product or as a subsystem of Sterling Gentran:Basic. Sterling Gentran:Realtime was developed to enable you to process EDI documents in a high-speed, multiprocessing environment. Some advantages of Sterling Gentran:Realtime are listed below.

- Using online screens, you can set up the parameters for translating data.
- Sterling Gentran:Realtime enables multiple translations to be performed simultaneously.
- Links in Sterling Gentran:Realtime to the IBM® Sterling Connect® communications product provide a direct processing route to and from communications.
- Links in Sterling Gentran:Realtime to Sterling Gentran:Viewpoint provide exception and tracking functionality.
- All processes specific to the Sterling Gentran:Basic add-on product Sterling Gentran:Control are included in Sterling Gentran:Realtime.
- You can assign processing priorities to the documents.
- Sterling Gentran:Realtime features Just-In-Time processing.
- You can track translations online.
- You can monitor reporting facilities.
- Sterling Gentran:Realtime facilities enable 24-hour, seven-day system availability.

### User Overview

Several key features of Sterling Gentran:Realtime are listed below.

- Connection to the Sterling Connect communications product
- Message Store on the Databanks (Data Extract and Deferred Processing)
- TSQ chaining to handle large documents more efficiently
- Document splitting and routing
- Interface to Sterling Gentran:Viewpoint

### Using this Guide

This guide explains how to install Sterling Gentran:Realtime and how to verify that the installation was successful. After you verify the new installation, you can perform conversion procedures from previous versions of Sterling Gentran:Realtime as needed.

Follow the directions in this guide sequentially by chapter. Space is provided in this guide for you to record when and by whom each step was completed.

**Note:** If you are a new Sterling Gentran:Realtime customer, skip Chapter 6, “Converting to Release 6.6.”

## How To Get Help

IBM® Sterling Customer Center provides a wealth of online resources that are available around the clock to enrich your business experience with IBM® Sterling Gentran®. By using Sterling Customer Center, you gain access to many self-support tools, including a Knowledge-Base, Documentation, Education, and Case Management. Access Sterling Customer Center at <http://customer.sterlingcommerce.com>.

Once logged in, select **Support Center** from the top navigation menu, and then locate Sterling Gentran product-specific support information from the left navigation menu.

Additionally, our *Customer Support Reference Guide* outlines our support hours, contact information, and key information that will enhance your support experience with us. For detailed information about Customer Support, please refer to the *Customer Support Reference Guide* accessible from the login page. (<http://customer.sterlingcommerce.com>)

# Completing the Pre-installation Worksheet

## Overview

This chapter contains an overview of the installation path and a worksheet that you must complete in its entirety before you begin the installation procedures in Chapter 3.

**Note:** If you already have IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 installed, the parameters described on the Pre-installation Worksheet are set. Refer to the Pre-installation Worksheet in Chapter 2 of the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Installation Guide* to review those parameters.

The Worksheet should be completed by someone who is familiar with the EDI requirements of your organization, as well as your organization's data processing naming and standards conventions.

Decisions made while completing the Worksheet directly affect how various portions of Sterling Gentran:Realtime are installed. In addition, key information you enter on the Worksheet is used to create the proper filenames and values during installation.

The default values provided on this Worksheet are appropriate for most installations. If you are unsure about the appropriate value to use for your installation, use the default value.

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## Before Installation

The section outlines the recommended installation steps for users new to Sterling Gentran:Realtime and those users converting from Release 6.3, 6.4, or 6.5.

### Determining Your Installation Path

Before you proceed with the installation of IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6, you must determine your specific installation path. The installation path you will use depends on your current release of Sterling Gentran:Basic, your current release of Sterling Gentran:Realtime, the Trading Profile Mode you are currently using, and the Trading Profile Mode you intend to use for Release 6.6.

**Note:** Processing, or *Trading Profile*, modes you can use in Sterling Gentran are *Relationship mode*, *Partner/Qualifier mode*, and *Mixed mode*. If you are not familiar with these concepts, see Chapter 2 in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for information about the differences between the modes.

The Sterling Gentran:Realtime Installation Path Table on page 2-3 details all of the possible combinations of existing Sterling Gentran environments and the corresponding tasks required for installation. Find your specific situation and perform the tasks listed. This is your installation path.

The Installation Path Table Legend, below, offers a broader description of the tasks named on the table, with more detailed descriptions of each of the possible environments.

#### Installation Path Table Legend

Instruction	Description
Install Basic	Install, verify, and convert as described in the <i>IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Installation Guide</i> .
Install	Complete the steps in Chapter 3, “Installing Sterling Gentran:Realtime.”
Verify P/Q	Complete the steps in Chapter 4, “Installation Verification for Partner/Qualifier Mode.”
Verify Mix	Complete the steps in Chapter 5, “Installation Verification for Relationship and Mixed Modes.”
Verify Rel	Complete the steps in Chapter 5, “Installation Verification for Relationship and Mixed Modes.”
Convert	Complete the steps in Chapter 6, “Converting to Release 6.6.”
Migrate	Complete the steps in Chapter 7, “Migrating to Relationship Mode.”
Allocate	Allocate new Sterling Gentran:Basic and/or Sterling Gentran:Realtime databank files.
Implement	Complete the steps in Chapter 8, “Implementing Sterling Gentran:Realtime.”

*Sterling Gentran:Realtime Installation Path Table*

Current Sterling Gentran: Basic Release	Current Sterling Gentran: Realtime Release	Current Basic Trading Profile Mode	Current Realtime Trading Profile Mode	Target Rel 6.6 Trading Profile Mode	Sterling Gentran:Realtime Installation Paths						
					Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7
None None	None None	None None	None None	P/Q Relationship	Install Install	Verify P/Q Verify Rel	Implement Implement				
None	6.3, 6.4, or 6.5	None	P/Q	P/Q	Install	Verify P/Q	Convert	Implement			
None	6.3, 6.4, or 6.5	None	P/Q	Relationship	Install	Verify P/Q	Convert	Migrate	Allocate	Implement	
None	6.3, 6.4, or 6.5	None	Mixed	Mixed	Install	Verify Mix	Convert	Implement			
None	6.3, 6.4, or 6.5	None	Mixed	Relationship	Install	Verify Mix	Convert	Migrate	Implement		
None	6.3, 6.4, or 6.5	None	Relationship	Relationship	Install	Verify Rel	Convert	Implement			
6.3, 6.4, or 6.5	None	P/Q	None	P/Q	Install Basic	Install	Verify P/Q	Implement			
6.3, 6.4, or 6.5	None	P/Q	None	Relationship	Install Basic	Install	Verify P/Q	Migrate	Allocate	Implement	
6.3, 6.4, or 6.5	None	Mixed	None	Mixed	Install Basic	Install	Verify Mix	Implement			
6.3, 6.4, or 6.5	None	Mixed	None	Relationship	Install Basic	Install	Verify Mix	Migrate	Implement		
6.3, 6.4, or 6.5	None	Relationship	None	Relationship	Install Basic	Install	Verify Rel	Implement			
6.6	None	P/Q	None	P/Q	Install	Verify P/Q	Implement				
6.6	None	P/Q	None	Relationship	Install	Verify P/Q	Convert	Migrate	Allocate	Implement	
6.6	None	Mixed	None	Mixed	Install	Verify Mix	Convert	Implement			
6.6	None	Mixed	None	Relationship	Install	Verify Mix	Convert	Migrate	Implement		
6.6	None	Relationship	None	Relationship	Install	Verify Rel	Convert	Implement			
6.3, 6.4, or 6.5	6.3, 6.4, or 6.5	P/Q	None	P/Q	Install Basic	Install	Verify P/Q	Convert	Implement		
6.3, 6.4, or 6.5	6.3, 6.4, or 6.5	P/Q	None	Relationship	Install Basic	Install	Verify P/Q	Convert	Migrate	Allocate	Implement
6.3, 6.4, or 6.5	6.3, 6.4, or 6.5	Mixed	None	Mixed	Install Basic	Install	Verify Mix	Convert	Implement		
6.3, 6.4, or 6.5	6.3, 6.4, or 6.5	Mixed	None	Relationship	Install Basic	Install	Verify Mix	Convert	Migrate	Implement	
6.3, 6.4, or 6.5	6.3, 6.4, or 6.5	Relationship	None	Relationship	Install Basic	Install	Verify Rel	Convert	Implement		
6.6	6.3, 6.4, or 6.5	P/Q	None	P/Q	Install	Verify P/Q	Convert	Implement			
6.6	6.3, 6.4, or 6.5	P/Q	None	Relationship	Install	Verify P/Q	Convert	Migrate	Allocate	Implement	
6.6	6.3, 6.4, or 6.5	Mixed	None	Mixed	Install	Verify Mix	Convert	Implement			
6.6	6.3, 6.4, or 6.5	Mixed	None	Relationship	Install	Verify Mix	Convert	Migrate	Implement		
6.6	6.3, 6.4, or 6.5	Relationship	None	Relationship	Install	Verify Re	Convert	Implement			
Prior to 6.3	Contact the IBM Software Product Support Center.										
<b>NOTE:</b> Any combinations not listed are <i>not</i> supported.											

*Pre-installation Worksheet*

Complete this worksheet before you begin to install Sterling Gentran:Realtime.

Pre-installation Worksheet	
<p><b>System Image</b></p> <p>This 3-character alphanumeric value is used to uniquely identify your Sterling Gentran:Realtime online system. We recommend that you use “EDI” when possible. However, you can select any value you wish.</p> <p style="padding-left: 40px;"><b>Note:</b> The system image value should match the value established during the installation of IBM® Sterling Gentran:Basic® for z/OS® Release 6.6.</p> <p>See Appendix B for a complete description of system image.</p>	<p><b>Default:</b> SIM <b>Your Value:</b> _____</p>
<p><b>Program Image</b></p> <p>This 3-character alphanumeric value is used to uniquely identify the programs and mapsets for your Sterling Gentran:Realtime online system. We recommend that you use “EDI” when possible. If you do not use the recommended value of “EDI,” we recommend that you use the same value that you used for your system image. However, you can select any value you wish.</p> <p style="padding-left: 40px;"><b>Note:</b> The program image value should match the value established during the installation of IBM® Sterling Gentran:Basic® for z/OS® Release 6.6.</p> <p>See Appendix B for a complete description of program image.</p>	<p><b>Default:</b> PIM <b>Your Value:</b> _____</p>
<p><b>High-Level Qualifier for Data Set Names</b></p> <p>The installation process creates many data sets that are used to generate the Sterling Gentran:Realtime system. All data set names begin with the qualifier <b>GENTRAN.V6X6</b>. Change the qualifier to meet to your requirements.</p> <p>See Appendix D for a complete description of Sterling Gentran:Realtime files.</p>	<p><b>Default:</b> GENTRAN.V6X6 <b>Your Value:</b> _____</p>
<p><b>CICS Group Name</b></p> <p>This 8-character alphanumeric value is used when establishing the online environment during the installation of Sterling Gentran:Realtime. CICS resources are stored in the CICS System Definition (CSD) file using this group name. We recommend that you use “GENRTE” when possible. However, you can select any value you wish, including the value you used during the installation of Sterling Gentran:Basic.</p>	<p><b>Default:</b> GENRTE <b>Your Value:</b> _____</p>

## Pre-installation Worksheet

### External Security Systems

**Default:** N/A

**Your Value:** \_\_\_\_\_

After you have determined the system image and the high-level qualifier for the data set names, review any external security system parameters (for example, RACF and ACF2) to ensure that the correct transactions, programs, and data sets can be accessed by the appropriate personnel.

**Note:** There is no parameter within Sterling Gentran:Realtime that defines your external security system, but you must identify Sterling Gentran:Realtime resources to your security system.

Many CICS transactions run in the background. Your CICS administrator can determine whether special security setup considerations in your RACF and ACF2 parameters are required to access the Sterling Gentran:Realtime files.

### Trading Profile Mode

**Default:** P

**Your Value:** \_\_\_\_\_

The trading profile mode identifies how trading partner key information is stored on the partner profile and in the databanks. Valid values are:

**P** = Partner ID and Qualifier

Data is stored on the databank based on the trading partner's ID. This is the receiver for outbound processing and the sender for inbound processing.

**R** = Relationship

The partner profile and data on the databank are stored by the Relationship key. This Relationship key is a combination of the *user* and *partner*.

**M** = Mixed

Data is stored on the databank by a key, based on a combination of user and partner. The *user* is an internal department or division within your organization. The *partner* is a combination of sender/receiver for outbound processing and receiver/sender for inbound processing. Use this option only in multidivisional organizations, where multiple divisions trade with the same trading partner. The partner profile is maintained under the Partner/Qualifier key structure.

### Security Exit Program Name

**Default:** N/A

**Your Value:** \_\_\_\_\_

On the Sterling Gentran logon screen, you need to enter a user ID and a password to access the system. However, you can write a security exit program to interface with external security systems (for example, ACF2 and RACF) to allow a user to automatically bypass the user ID and password.

After writing the program, you can install the program following the installation verification.

See Appendix E for a complete description of the Security Exit.

### Security Password Minimum Length

**Default:** 04

**Your Value:** \_\_\_\_\_

The password length can be from 01 to 08 bytes. Use this feature to meet your installation requirements.

## Pre-installation Worksheet

### Security Password Suppress

**Default:** Y

**Your Value:** \_\_\_\_\_

This option controls how security passwords in the Security Maintenance online system are displayed.

Valid values are:

- Y** = Always hide password.
- N** = Display password on the Security Maintenance screen (EDIM201) for users with Level 1 security authorization.

See Chapter 5, “The Administration Subsystem,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for information about security authorization.

### User Jump Table Name

**Default:** EDIJUMP

**Your Value:** \_\_\_\_\_

You can apply an optional assembler table that enables you to define your own jump code values. During conversion, the system displays the name of the default assembler table, EDIJUMP. You can accept the default name or change the name, as you deem appropriate. Then, in the configuration file, you can add to your CICS resource definitions an entry for the name that you chose for the assembler table.

See member EDIJUMP in **GENTRAN.V6X6.RTE.UTILITY.SOURCE** for Jump Code Table instructions.

See the “Jump Code” section in Chapter 1, “Getting Started,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for more information.

### Jump Code Display

**Default:** 1

**Your Value:** \_\_\_\_\_

Using this option, you can configure your system to display either the numeric or alphabetic jump code values in the upper left corner of most Sterling Gentran screens.

Valid values are:

- space** = Display numeric jump codes.
- 1** = Display numeric jump codes.
- 2** = Display alphabetic jump codes.

See “Jump Codes” in Chapter 3, “Screens,” in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* for more information.

### Save Last Key Used

**Default:** 0

**Your Value:** \_\_\_\_\_

When using jump codes, this option enables you to return to the previous record displayed.

Valid values are:

- 0** = Save key information.
- 1** = Do not save key information (the screen does not return to previous record displayed).



Pre-installation Worksheet	
<p><b>Century Year Value</b></p> <p>This option contains the median year used by Sterling Gentran to determine the first two positions of the four-position year. Dates with a year greater or equal to this value are considered 19xx dates. Dates with a year less than this value are considered 20xx dates.</p>	<p><b>Default:</b> 50 <b>Your Value:</b> _____</p>
<p><b>Language Code</b></p> <p>This option determines the language in which error messages and descriptions are issued. Currently, only English is supported.</p>	<p><b>Default:</b> EN <b>Your Value:</b> _____</p>
<p><b>Log Max Search</b></p> <p>This option specifies the maximum number of Online Log file entries to be read during a search for position criteria on the Online Log Display screen.</p>	<p><b>Default:</b> 3000 <b>Your Value:</b> _____</p>
<p><b>Multiple Envelope Enabled</b></p> <p>This option indicates whether or not the user has coded partner records using the Multiple Envelope field that is part of the key. This is to allow multiple envelope information to be coded on a single partner record.</p> <p>Valid values are:</p> <p><b>N</b> = The program always uses spaces in the Multiple Envelope ID field, whether or not a multiple envelope ID is provided.</p> <p><b>Y</b> = The program attempts to read the partner record using the indicated envelope type (such as ISA, BG, UNB). If the partner record is not found, the program tries to read the partner record again using spaces for the multiple envelope ID value.</p>	<p><b>Default:</b> N <b>Your Value:</b> _____</p>
<p><b>Interchange Version</b></p> <p>This option determines whether to use the version as part of the key for partner interchange reads. If the record is not found with the version, a second read is attempted using only the Partner ID Qualifier and Functional Group ID.</p> <p>Valid values are:</p> <p><b>N</b> = Do not use the version for the partner interchange reads.</p> <p><b>Y</b> = Use the version to read the partner transaction records.</p>	<p><b>Default:</b> N <b>Your Value:</b> _____</p>
<p><b>Group Version</b></p> <p>This option determines whether to use the version as part of the key for the partner group reads. When the version is in use and the record is not found with the version, a second read is attempted using the same key, but with spaces for the version.</p> <p>Valid values are:</p> <p><b>N</b> = Do not use the version for the partner group reads.</p> <p><b>Y</b> = Use the version to read the partner group records.</p>	<p><b>Default:</b> N <b>Your Value:</b> _____</p>

## Pre-installation Worksheet

### Transaction Version

**Default:** N

**Your Value:** \_\_\_\_\_

This option determines whether to use the version as part of the key for the partner transaction reads. When the version is in use and the record is not found with the version, a second read is attempted using the same key, but with spaces for the version.

Valid values are:

- N = Do not use the version for the partner transaction reads.
- Y = Use the version to read the partner transaction records.

### User ID for Background Tasks

**Default:** N/A

**Your Value:** \_\_\_\_\_

This 8-character alphanumeric value identifies a User ID to be associated with background tasks that execute in the Sterling Gentran:Realtime On-line system. Use this User ID when you need to ensure security control of these background tasks.

For more information about this feature, see chapter 6, “Configuration Strategies,” in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide*.

### Batch Submit Exit

**Default:** N/A

**Your Value:** \_\_\_\_\_

This 8-character alphanumeric value identifies a user-written program that will be invoked when submitting batch jobs from the Sterling Gentran:Realtime On-line system. Use this exit when you need to submit jobs through a Scheduler system rather than through a CICS controlled internal reader.

For more information about this feature, see chapter 6, “Configuration Strategies,” in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide*.

### Online Control Change Audit

**Default:** N

**Your Value:** \_\_\_\_\_

This option determines whether to enable change audit processing for the Sterling Gentran:Realtime online control file.

Valid values are:

- N = Do not enable change audit processing.
- Y = Enable change audit processing.

For more information about this feature, see “Change Audit in Sterling Gentran,” in chapter 7, “System Features: Tips and Techniques,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide*.

### Pre-installation Worksheet

#### Request Change Audit

**Default:** N

**Your Value:** \_\_\_\_\_

This option determines whether to enable change audit processing for the Sterling Gentran:Realtime Request file.

Valid values are:

**N** = Do not enable change audit processing.

**Y** = Enable change audit processing.

For more information about this feature, see “Change Audit in Sterling Gentran,” in chapter 7, “System Features: Tips and Techniques,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide*.

#### Databanking Levels

**Default:** FFFF

**Your Value:** \_\_\_\_\_

For databanking levels, Sterling Gentran:Realtime provides four parameters that indicate the level of information contained on each of the four databanks.

Valid values are:

**F** = Full databanking (Directory and Message store)

**D** = Directory only

**N** = None

The order of entry is as follows: Outbound Application, Outbound EDI, Inbound EDI, and Inbound Application. If you do not intend to use databanking, this results in the values **NNNN**.

See Appendix C for a complete description of Databanking.

**Note:** Sterling Gentran:Realtime applies the default values **FFFF** for the databanking levels during installation. Because the verification procedure requires these default parameters, do not change them. During conversion, Sterling Gentran:Realtime will modify the parameters so that they agree with your values.

#### Databank Manager Transaction ID

**Default:** SIMD

**Your Value:** \_\_\_\_\_

The Databank Manager is a background CICS task represented by the Transaction ID **SIMD**. Modify the characters **SIM** of this Transaction ID to correspond with the value specified in the System Image field (on page 2-4). The Databank Manager programs monitor the online updates that are performed on the databanks. They also perform maintenance on the transaction files affiliated with each of the databanks.

See Appendix C for a complete description of Databanking.

#### Databank Manager Scan Interval

**Default:** 0360

**Your Value:** \_\_\_\_\_

This is the time interval expressed in *seconds* (for example, 0360 for three hundred and sixty seconds, or six minutes), between consecutive runs of the Databank Manager. At each interval, the Databank Manager transaction ID is restarted and its functions are performed. This process recurs until the CICS region is shut down.

See Appendix C for a complete description of Databanking.

Pre-installation Worksheet	
<p><b>Databank Error User Exit Program</b></p> <p>This field identifies a user-written CICS program that is retrieved when a fatal databank error occurs.</p>	<p><b>Default:</b> N/A  <b>Your Value:</b> _____</p>
<p><b>Databank Error User Exit Data</b></p> <p>This field identifies a user-defined, 20-character text string that is passed to the Databank Error User Exit program.</p>	<p><b>Default:</b> N/A  <b>Your Value:</b> _____</p>
<p><b>Completed by:</b> _____</p> <p><b>Date:</b> _____ <b>Time:</b> _____</p>	

# Installing Sterling Gentran:Realtime

## Overview

This chapter describes the steps required to install Sterling Gentran:Realtime. Review the entire chapter before you perform the installation. After you have reviewed all the steps, be sure to perform them in the order in which they are presented.

All IBM® Sterling Gentran:Realtime® for z/OS® files are compatible with Sterling Gentran:Basic for z/OS Release 6.6. All report layouts and translations are identical.

If you purchased Sterling Gentran:Realtime as a stand-alone product, you do not need to install Sterling Gentran:Basic before performing this installation; this procedure contains steps that will install the required Sterling Gentran:Basic components.

If you are installing both Sterling Gentran:Basic and Sterling Gentran:Realtime, you must install Sterling Gentran:Basic first. You will then be instructed to skip the steps in this procedure that pertain to Sterling Gentran:Basic.

**Note:** Do not install the Sterling Gentran:Control add-on product independently of this Sterling Gentran:Realtime installation.

This chapter contains the following topics:

<b>Topic</b>	<b>Page</b>
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## The Installation Process

Installing Sterling Gentran:Realtime involves completing a series of dependent jobs that build individual subsystems. In the initial steps, you will unload files from either the Internet or CD-ROM and then use those files to build sequential files and partitioned data sets on your mainframe. In subsequent steps, you will run jobs on your mainframe that will use these sequential files and partitioned data sets to create and initialize Sterling Gentran:Realtime system files.

**Note:** The person performing this installation should have a working knowledge of JCL, VSAM, and the CICS environment in which the software will be installed.

If you are installing from the Internet, the installation package includes two files:

- The *product* file contains all the files necessary to install the programs and base files (excluding standards) for Sterling Gentran:Realtime.
- The *standards* file contains all of the files necessary to install the X12, TDCC, UCS, EDIFACT, ODETTE, and TRADACOMS EDI standards.

If you are installing from CD-ROM, the installation package includes two CD-ROMs:

- The *product* CD-ROM contains all the files necessary to install the programs and base files (excluding standards) for Sterling Gentran:Realtime. Its label reads:

**IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6.00 Product**

- The *standards* CD-ROM contains all of the files necessary to install the X12, TDCC, UCS, EDIFACT, ODETTE, and TRADACOMS EDI standards. Its label reads:

**IBM® Sterling Gentran® Standards Database for EDI**

## Performing Initial Procedures

Use this procedure to install Sterling Gentran:Realtime.

**Step 1** Confirm system, hardware, and software requirements.

*Typically performed by:* System Installer

### System Requirements

To install Sterling Gentran:Realtime, you need the following:

- A personal computer running a Microsoft® Windows® operating system
- A CD-ROM drive, if you are installing from CD-ROM
- 750 MB of available hard disk space
- FTP capability

### Hardware Requirements

Sterling Gentran:Realtime operates on any IBM mainframe running the z/OS operating system.

*Host System Disk Space Requirements:*

Disk space requirements listed below are based on the use of IBM 3390 disk drives.

Component	Tracks Required
Batch Load Library	300
Online Load Library	450
System JCL Library	80
System Test Data	06
Utility Source Library	50
VSAM Base Files	100
VSAM Standards Files	500
VSAM Mapping Files	200
VSAM Databank Files	300
VSAM Realtime Operating Files	100

These VSAM space requirements are enough for your initial use of the Sterling Gentran:Realtime system. As you increase the number of partners, applications, and maps, you may need additional space.

See the section corresponding to each individual Databank file in the *IBM® Sterling Gentran:Realtime® for z/OS® Technical Reference Guide* for disk space requirements.



The installation process also requires approximately 18,000 tracks of temporary space for sequential seed and work files. You may delete these temporary files after the Sterling Gentran:Realtime installation is complete, using the DELFILES job as described in Chapter 8.

### Software Requirements

To operate properly, the following software must reside on the host system:

- z/OS operating system
- CICS Transaction Server for z/OS
- Language Environment run-time support

#### *Additional CICS Software environment:*

- CICS command-level support for COBOL and Assembler languages
- CICS Language environment run-time modules
- VSAM support
- 3270-type terminal support
- CICS start-up routine support (PLTPI=nn start-up parameter)
- Standard Level Basic Mapping Support (BMS=STANDARD)
- Auxiliary and main temporary storage to hold data, parameters, tables, and control information.

After ensuring that you have met all hardware and software requirements, you can proceed with the installation of Sterling Gentran:Realtime (see **Step 2** on page 3-6).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Uploading Product Distribution Files

Because the Sterling Gentran:Realtime product is distributed either on a CD-ROM or by downloading from the Internet, you must upload the files to your mainframe before you can begin installing the product. This section provides step-by-step instructions for that process.

**Step 2** Transfer files to your PC.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- If you are installing from the Internet, decompress the file that you downloaded to extract the file named **Realtime\_6.6.00\_Product.exe**. This is a self-extracting archive that contains the entire Sterling Gentran:Realtime product.
- If you are installing from CD-ROM, insert the Sterling Gentran:Realtime product CD-ROM into your computer's CD-ROM drive and navigate to locate the file named **Realtime\_6.6.00\_Product.exe**. This is a self-extracting .zip file that contains the entire Sterling Gentran:Realtime product.
- Double-click the file name to begin extracting the files onto the local hard disk on your PC. A system message prompts you with a default folder name to which the system will save the files it is extracting. If you want to select a different location, change the default folder name to your desired location in this system message.
- At the completion of the process, note the location. The folder should contain the following files:

File	Description
PCRTEPRD	The Sterling Gentran:Realtime product
PCSASC	The SAS/C run-time libraries
PCRTEPD1.TXT	The JCL to allocate the target product file
PCRTEPD2.TXT	The JCL to build the sequential product files
PCSASC1.TXT	The JCL to allocate the target SAS/C file
PCSASC2.TXT	The JCL to build the sequential SAS/C files

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 3** Upload the product JCL files to your mainframe.

To build the sequential product files on your mainframe, you must upload the needed JCL files to the mainframe.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Perform the upload manually from your PC, using FTP configured in an ASCII data transfer mode.

**Note:** For FTP, the Carriage Return and Line Feed settings (CR/LF) must be set to **OFF**.

The files to upload are:

File	Description
PCRTEPD1.TXT	The JCL to allocate the target product file
PCRTEPD2.TXT	The JCL to build the sequential product files

- Choose target file names that are appropriate for your installation requirements.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 4** Allocate the target product file on your mainframe.

Before you can upload the Sterling Gentran:Realtime product file to your mainframe, the target file must be allocated on it.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **PCRTEPD1** that you uploaded in **Step 3**.
- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used by your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 5** Upload the Sterling Gentran:Realtime product file from your PC to your mainframe.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Perform the upload manually from your PC using FTP configured in BINARY data transfer mode. The target file on the mainframe must be the file that you allocated in **Step 4** (`GENTRAN.V6X6.RTE.UPLOAD.PCPRD`).

The file to be uploaded is:

File	Description
PCRTEPRD	The Sterling Gentran:Realtime product

- After the upload completes, verify the integrity of the file on the mainframe by looking for the following:
  - Column 2 of the first record in the file should begin with the value `\INMR01`.
  - The number of bytes transferred should match the size of the source file.

**Note:** If neither of these is true or if the entire file is unreadable, verify that your FTP session was configured in BINARY data transfer mode. Using an incorrect transfer configuration is the most common cause of upload problems.

- If the file is not acceptable, perform the upload process again and verify the integrity of the uploaded file again until it is acceptable.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 6** Build the sequential Sterling Gentran:Realtime files on your mainframe.

*Typically performed by:* System Installer

This step reads the Sterling Gentran:Realtime product file that you uploaded in **Step 5** and extracts the files needed to complete the installation of the product on your mainframe.

The following table lists the abbreviated names of the data sets to be extracted. In the job, they are referenced by complete data set name, with the prefix **GENTRAN.V6X6**, followed by the text in the table below (for example, the full name of RTE.BATCH.LOAD is GENTRAN.V6X6.RTE.BATCH.LOAD).

**Note:** The data set names listed in **bold** type are permanent files that must be retained after the installation is complete. All of the other files are used to initially seed the permanent Sterling Gentran:Realtime files; you can delete them when the installation is complete.

<b>Data Set Name</b>	<b>Description</b>
<b>RTE.BATCH.LOAD</b>	Partitioned data set that contains all of the batch program load modules. This is a permanent data set; do not delete this data set at the end of installation.
<b>RTE.CICS.LOAD</b>	Partitioned data set that contains all of the CICS program load modules. This is a permanent data set; do not delete this data set at the end of installation.
<b>RTE.UTILITY.SOURCE</b>	Partitioned data set that contains the source code of the utility programs. This is a permanent data set; do not delete this data set at the end of installation.
<b>RTE.JCL</b>	Partitioned data set that contains all of the execution JCL. This is a permanent data set; do not delete this data set at the end of installation.
SEQ.ERRCTL	Sequential data set used to load the Error Message and Control file.
SEQ.SECURITY	Sequential data set used to seed the Security file.
SEQ.PARTNER	Sequential data set used to seed the Partner file.
SEQ.CONTROL.OUTBOUND	Sequential data set used to seed the partner Outbound Control file.
SEQ.CONTROL.INBOUND	Sequential data set used to seed the partner Inbound Control file.
SEQ.PARTNER.XREF	Sequential data set used to seed the partner Cross Reference file.
SEQ.APPL.HEADER	Sequential data set used to seed the Mapping Application Header file.
SEQ.APPL.RECORD	Sequential data set used to seed the Mapping Application Record file.

Data Set Name	Description
SEQ.APPL.FIELD	Sequential data set used to seed the Mapping Application Fields file.
SEQ.APPL.LINK	Sequential data set used to seed the Mapping Application Link file.
SEQ.TRANS.HEADER	Sequential data set used to seed the Mapping Transaction Header file.
SEQ.TRANS.SEGMENT	Sequential data set used to seed the Mapping Transaction Segments file.
SEQ.TRANS.ELEMENT	Sequential data set used to seed the Mapping Transaction Elements file.
SEQ.CODE.DEFINE	Sequential data set used to seed the Mapping Code Definition file.
SEQ.CODE.CODES	Sequential data set used to seed the Mapping Code Translation file.
SEQ.CODE.DATA	Sequential data set used to seed the Mapping Data Translation file.
SEQ.CODE.VALID	Sequential data set used to seed the Mapping Validation file.
<b>SEQ.GLOBAL.PARMS</b>	Sequential data set that contains the global parameters used by the Outbound and Inbound Editors. This is a permanent data set; do not delete this data set after the installation is complete.
<b>ANSI.MAPOUT.TESTDATA</b>	Sequential data set that contains the Outbound X12 test data used to validate the installation. This is a permanent data set; do not delete this data set after the installation is complete.
<b>ANSI.MAPIN.TESTDATA</b>	Sequential data set that contains the Inbound X12 test data used to validate the installation. This is a permanent data set; do not delete this data set after the installation is complete.
<b>SEQ.EDI.EDICA</b>	Sequential data set used to seed the Databank Application Change Audit files.
SEQ.EDI.EDIIECA	Sequential data set used to seed the Databank Inbound EDI Change Audit file.
SEQ.EDI.EDIOECA	Sequential data set used to seed the Databank Outbound EDI Change Audit file.
<b>SEQ.EDI.EDICFG</b>	Sequential data set used to seed the System Configuration file. This is a permanent data set; do not delete this data set after the installation is complete.
SEQ.EDI.EDIIAA	Sequential data set used to seed the Databank Inbound Application Directory file.
SEQ.EDI.EDIIEA	Sequential data set used to seed the Databank Inbound EDI Directory file.

Data Set Name	Description
SEQ.EDI.EDINRC	Sequential data set used to seed the Databank Network Reconciliation file.
SEQ.EDI.EDIOAA	Sequential data set used to seed the Databank Outbound Application Directory file.
SEQ.EDI.EDIOEA	Sequential data set used to seed the Databank Outbound EDI Directory file.
SEQ.EDI.EDIPND	Sequential data set used to seed the Databank Pending files.
SEQ.EDI.EDISTORE	Sequential data set used to seed the Databank EDI Message Store files.
SEQ.EDI.APPSTORE	Sequential data set used to seed the Databank Application Message Store files.
SEQ.EDI.EDILINK	Sequential data set used to seed the Databank Link files.
DEFR.MAPOUT.TESTDATA	Sequential data set that contains the outbound X12 test data used to test the deferred enveloping feature of Sterling Gentran:Realtime. This data set is optional and can be removed from the unload process if the deferred enveloping test is not being performed.
ANA.MAPOUT.TESTDATA	Sequential data set that contains the outbound TRADACOMS test data. This data set is optional and can be removed from the unload process if the TRADACOMS test is not being performed.
ANA.MAPIN.TESTDATA	Sequential data set that contains the inbound TRADACOMS test data. This data set is optional and can be removed from the unload process if the TRADACOMS test is not being performed.
EDF.MAPOUT.TESTDATA	Sequential data set that contains the outbound EDIFACT test data. This data set is optional and can be removed from the unload process if the EDIFACT test is not being performed.
EDF.MAPIN.TESTDATA	Sequential data set that contains the Inbound EDIFACT test data. This data set is optional and can be removed from the unload process if the EDIFACT test is not being performed.
SEQ.OPT.TABLE	Sequential data set used to initially load the Optimized Standards Table.
SEQ.APDEF.TESTDATA	Sequential data set used to test the Application Definition Maintenance job.
SEQ.EDI.EDIHELP	Sequential data set containing system Help information.
SEQ.REL.PARTNER	Sequential data set used to seed the Partner file for Relationship mode.
SEQ.REL.CNTL.INBOUND	Sequential data set used to seed the partner Inbound Control file for Relationship mode.



Data Set Name	Description
SEQ.REL.CNTL.OUTBOUND	Sequential data set used to seed the partner Outbound Control file for Relationship mode.
SEQ.PARTNER.RELATION	Sequential data set used to seed the Partner Relationship file.
RTE.SEQ.EDIREQ	The sequential data set used to initially load the Sterling Gentran:Realtime Request file.
RTE.SEQ.EDIOCF	The sequential data set used to initially load the Online Control file.
RTE.SEQ.EDICFG	Sterling Gentran:Realtime Configuration records.
SEQ.EDIRSEP	The records used to initially load the Separator Control file.
RTE.SEQ.EDIASCDT	The sequential data set used to seed the Sterling Gentran:Realtime Associated Data file.
RTE.SEQ.EDIRMXR	The sequential data set used to seed the Sterling Gentran:Realtime Mailbox Batch Number Cross Reference file.
RTE.SEQ.EDIRDBP	The sequential data set used to seed the Sterling Gentran:Realtime Exception Processing Detail Bypass file.
RTE.SEQ.EDIRHBP	The sequential data set used to seed the Sterling Gentran:Realtime Exception Processing Header Bypass file.
RTE.SEQ.EDIRMNH	The sequential data set containing an initial record needed to seed the separator monitor header file.
RTE.SEQ.EDIRMNS	The sequential data set containing an initial record needed to seed the separator monitor store file.
RTE.SEQ.EDIRSLTS	The sequential data set used to seed the Sterling Gentran:Realtime Translation Results file.
RTE.SEQ.EDITDATA	The sequential data set used to seed the Sterling Gentran:Realtime Test Data file.
SEQ.CHGAUD	Sequential data set used to seed the Change Audit files.

Check the box next to each task as you complete it.

- Customize JCL member **PCRTEPD2** that you uploaded in **Step 3**.
- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used by your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.

- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Uploading SAS/C Distribution Files

The Sterling Gentran:Basic Data Router feature requires SAS/C load modules. If you plan to use the Data Router feature and you do not have SAS/C as part of your system runtime library, you must unload the SAS/C modules we provide. This section provides step-by-step instructions for completing that process.

**Note:** If you do not plan to use the Data Router feature or you already have SAS/C as part of your system runtime library, skip this section and continue with **Step 11** on page 3-19.

**Step 7** Upload the SAS/C JCL files to your mainframe.

You must upload the JCL needed to build the sequential SAS/C files on your mainframe.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Perform the upload manually from your PC using FTP configured in ASCII data transfer mode. The files to be uploaded are:

File	Description
PCSASC1.TXT	The JCL to allocate the target SAS/C file
PCSASC2.TXT	The JCL to build the sequential SAS/C files

- Choose target file names that are appropriate for your installation requirements.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 8** Allocate the target SAS/C file on your mainframe.

Before you can upload the SAS/C file to your mainframe, the target file must be allocated on it.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **PCSASC1** that you uploaded in **Step 7**.
- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used by your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 9** Upload the SAS/C file from your PC to your mainframe.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Perform this upload manually from your PC using FTP configured in BINARY data transfer mode. The target file on the mainframe must be the file that you allocated in **Step 8** (`GENTRAN.V6X6.SAS.UPLOAD.PCSASC`).

The file to be uploaded is:

File	Description
PCSASC	The SAS/C run-time libraries

- After the upload completes, verify the integrity of the file on the mainframe by looking for the following:
  - Column 2 of the first record in the file should begin with the value `\INMR01`.
  - The number of bytes transferred should match the size of the source file.

**Note:** If neither of these values is true or if the entire file is unreadable, verify that your FTP session was configured in BINARY data transfer mode. Using an incorrect transfer configuration is the most common cause of upload problems.

- If the file is not acceptable, perform the upload process again and verify the integrity of the uploaded file again until it is acceptable.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 10** Build the sequential SAS/C files on your mainframe.

This step reads the SAS/C file that you uploaded in **Step 9** and extracts the files that are needed to use the Data Router feature on your mainframe.

*Typically performed by:* System Installer

The following table lists the abbreviated names of the data sets to be extracted. In the job, they are referenced by complete data set name, with the prefix **GENTRAN.V6X6.SASC.C750** followed by the text in the table below (for example, LINKLIB, when not abbreviated, is GENTRAN.V6X6.SASC.C750.LINKLIB).

**Note:** These are all permanent data sets that must be *retained* after the installation is complete.

Data Set Name	Description
LINKLIB	SAS/C link library
TSOLOAD	SAS/C TSO load library
ARESOBJ	SAS/C object library
CICSLOAD	SAS/C CICS load library
CICS.ARESOBJ	SAS/C object library

Check the box next to each task as you complete it.

- Customize JCL member **PCSASC2** that you uploaded in **Step 7**.
- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used by your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Uploading Standards Distribution Files

Because the Sterling Gentran standards are distributed either on a CD-ROM or by downloading from the Internet, you must upload the files to your mainframe before you can install them. This section provides step-by-step instructions for completing that process.

**Note:** If Sterling Gentran:Basic is installed on your system, skip this section and proceed to the section “Defining Sterling Gentran:Realtime System Files” on page 3-26.

**Step 11** Transfer files to your PC.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- If you are installing from the Internet, decompress the file that you downloaded to extract the file named **Gentran\_Standards.exe**. This is a self-extracting archive file that contains all of the standards.
- If you are installing from CD-ROM, insert the Sterling Gentran standards CD-ROM into your computer's CD-ROM drive and navigate to locate the file named **Gentran\_Standards.exe**. This is a self-extracting .zip file that contains all of the standards.
- Double-click the file name to begin extracting the files onto the local hard disk on your PC. A system message prompts you with a default folder name to which the the system will save the files it is extracting. If you want to select a different location, change the default folder name to your desired location in this system message.
- At the completion of the process, note the location. It should contain the following files:

File	Description
STD1	The standards file part 1
STD2	The standards file part 2
STDINCL.TXT	A detailed listing of versions included in these files This file will be used later for space allocations.
PCSTAND1.TXT	The JCL to allocate the target standards file
PCSTAND2.TXT	The JCL to build the sequential standards files
PCSTDCLN.TXT	The JCL to delete work files
StandardsWorksheet	Instructions for performing the standards update

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 12** Upload the standards JCL files to your mainframe.

You must upload the JCL files needed to build the sequential standards files on your mainframe.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Perform this upload manually from your PC using FTP configured in ASCII data transfer mode. The files to be uploaded are:

File	Description
PCSTAND1.TXT	The JCL to allocate the target standards files
PCSTAND2.TXT	The JCL to build the sequential standards files

- Choose target file names that are appropriate for your installation requirements.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 13** Allocate the target standards files on your mainframe.

Before you can upload the standards files to your mainframe, the target file must be allocated on it.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **PCSTAND1** that you uploaded in **Step 12**.
- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used by your installation.
- Change the data set names as required by your installation. Change only the first index level (**GENTRAN**). Doing so enables you to mass-edit data set names.
- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 14** Upload the standards files from your PC to your mainframe.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Perform this upload manually from your PC using FTP configured in BINARY data transfer mode. The target files on the mainframe must be the files that you allocated in **Step 13** (`GENTRAN.STDS.PC.UPLOAD.STD1` and `GENTRAN.STDS.PC.UPLOAD.STD2`).

The files to be uploaded are:

File	Description
STD1	The standards file part 1
STD2	The standards file part 2

- After the upload completes, verify the integrity of the files on the mainframe by looking for the following:
- Column 2 of the first record in the file should begin with the value `\INMR01`.
  - The number of bytes transferred should match the size of the source file.

**Note:** If neither of these is true or if an entire file is unreadable, verify that your FTP session was configured in BINARY data transfer mode. Using an incorrect transfer configuration is the most common cause of upload problems.

- If a file is not acceptable, perform the upload process again and verify the integrity of the uploaded file again until it is acceptable.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 15** Build the sequential standards files on your mainframe. This step reads the standards files that you uploaded in **Step 14** and extracts the files that will be needed to complete the installation of the standards on your mainframe.

*Typically performed by:* System Installer

The following table lists the abbreviated names of the data sets to be extracted. In the job, they are referenced by complete data set name, with the prefix **GENTRAN.STDS.PC.SEQ.** followed by the text in the table below (for example, the full name for ASSOC is GENTRAN.STDS.PC.SEQ.ASSOC).

**Note:** All of the files are used to initially seed the permanent Sterling Gentran:Basic files; you can delete them when the installation is complete.

Data Set Name	Description
ASSOC	Sequential data set used to seed the Standards Association file
ACTIVITY	Sequential data set used to seed the Standards Activity file
VERSION	Sequential data set used to seed the Standards Version file
CODE1	Sequential data set used to seed the Standards Code1 file
CODE2	Sequential data set used to seed the Standards Code2 file
CODE3	Sequential data set used to seed the Standards Code3 file
CODE4	Sequential data set used to seed the Standards Code4 file
ELEMENT	Sequential data set used to seed the Standards Element file
SEGMENT	Sequential data set used to seed the Standards Segment file
SEGDESC	Sequential data set used to seed the Standards Segment Description file
TRANS	Sequential data set used to seed the Standards Transaction file
DICT	Sequential data set used to seed the Standards Dictionary file
ELEDESC	Sequential data set used to seed the Standards Element Description file

Check the box next to each task as you complete it.

- Customize JCL member **PCSTAND2** that you uploaded in **Step 12**.
- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used by your installation.

- Change the data set names as required by your installation. Change only the first index level (**GENTRAN**). Doing so enables you to mass-edit data set names.
- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Obtaining Product Updates

Before defining the Sterling Gentran:Realtime system files (page 3-26), you must obtain the latest product updates. It is important that all product updates be installed before continuing with the installation process. Failing to do so may cause a failure of the installation process or corruption of the Sterling Gentran:Realtime system that you build. Call the IBM Software Product Support Center if you have questions about product updates.

**Note:** Product updates are available from the Sterling Customer Center Web site.

**Step 16** Check for the latest product updates.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Check for the latest updates for the Sterling Gentran:Realtime product by going to the Sterling Customer Center Web site at: <http://customer.sterlingcommerce.com>.

**Note:** If the Customer Center Web site indicates that there are no updates for the Sterling Gentran:Realtime product, you may skip the rest of this step and continue with the next section.

- Download all updates from the Customer Center Web site.
- Install the updates. Instructions for how to install the updates can be obtained from the Customer Center Web site.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Defining Sterling Gentran:Realtime System Files

### Overview

All JCL required to install Sterling Gentran:Realtime is contained in the partitioned data set GENTRAN.V6X6.RTE.JCL. You must make the following changes to the JCL before you execute the JCL:

- Add an appropriate job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **xxxxxx** to the DASD volume that will contain the permanent data sets that are defined.
- Change the data set names to match your installation requirements. Target data sets should reflect Release 6.6 in the name.

**Note:** Modify only the first two index levels of the data set names (**GENTRAN.V6X6**). This makes the installation simpler than if you modify the entire data set name.

Carefully read all the comments included within each JCL member. These comments provide valuable information, as well as last-minute changes that were not included in the printed documentation.

Verify the results of each job before you proceed to the next installation step. You should never receive a return code greater than 8.

You define Sterling Gentran:Realtime system files by executing a number of batch jobs, which are described in the following list.

**Note:** Batch job names marked (Optional) must be run only if you do not have Sterling Gentran:Basic for z/OS Release 6.6 installed on your system.

Batch Job	Description
DEFBASE	(Optional) Defines base files when processing in Partner/Qualifier mode. These files include the System Configuration, Partner, Partner Control, Error Message, Security, and Partner Cross Reference.
DEFBASEM	(Optional) Defines base files when processing in Mixed mode. These files include the System Configuration, Partner, Partner Control, Error Message, Security, and Partner Cross Reference.
DEFBASER	(Optional) Defines base files when processing in Relationship mode. These files include the System Configuration, Partner, Partner Control, Error Message, Security, and Partner Relationship.
DEFCA	(Optional) Defines the Sterling Gentran:Basic Change Audit files.
DEFCARTE	Defines the Sterling Gentran:Realtime Change Audit files.

Batch Job	Description
DEFDBRTE	Defines the Sterling Gentran:Realtime databank files. These files include up to four Directory, Message Store, Archive, Separator and Monitor files, and Change Audit files; up to two Link files; and one Network Reconciliation file. See Appendix C for more information about databank implementation.
DEFHELP	Defines the Sterling Gentran:Basic/Realtime Help file.
DEFMAP	(Optional) Defines the Sterling Gentran:Basic/Realtime mapping files. These files include the Application Header, Record, Field, and Link files; Transaction Header, Segment, and Element files; and Translation Table Definition, Code Translation, Data Translation, and Data Validation files.
DEFMC	(Optional) Defines the Message Center files.
DEFRTE	Defines the Sterling Gentran:Realtime system files. These files include the Online Control and Request files, as well as the reporting files, the Exception files, and the Activity file.
DEFRTEO	(Optional) Defines the Sterling Gentran:Basic files needed by Sterling Gentran:Realtime. These files include the Online Log file and the Databank Transaction Queue files.
DEFSTD	(Optional) Defines the Sterling Gentran:Basic/Realtime Standards files. These files include the Standards Version file, Transaction file, Segment file, Segment Element file, Element Activity file, Segment Element Definition file, and the Segment Element Code Values file.
DEFTBL	(Optional) Defines the Sterling Gentran:Basic/Realtime Optimized Standards Table file. This job is needed only to load an initial table file that is used during testing of the Sterling Gentran:Realtime installation.
DEFUNLD	(Optional) Defines the permanent Unload/Upload files.
LOADTPM	Loads the test partners and maps needed to perform the installation verification procedure for Partner/Qualifier or Mixed mode processing.
LOADTPMR	Loads the test partners and maps needed to perform the installation verification procedure for Relationship mode processing.
UPDTCFG	Updates the Sterling Gentran:Basic Configuration file. This job adds records for Sterling Gentran:Control and Sterling Gentran:Realtime.
UPDTMSG	Updates the Sterling Gentran:Basic Error Message and Control file. This job ensures that the latest revisions to the file are loaded.

## Customizing the JCL Files

This step customizes JCL streams that will be loaded into the JCL file in **Step 18**.

**Note:** If Sterling Gentran:Basic is installed on your system, the files already are defined; skip this step and proceed to **Step 24** on page 3-36.

**Step 17** Customize JCL members **EXECRPTM**, **EXEC006O**, and **EXEC036O**. This section lists the tasks involved in customizing the job card and the data set names within the JCL streams.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card. When creating the job card, it is important that the word **JOB** is located in positions 12 – 14. Some online applications can override the job name when submitting JCL and this is necessary for the override to function properly.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to perform a mass edit on data set names.
- If your target Trading Profile Mode is Relationship mode, make the following change to the step that executes **EBDI006A** in JCL member **EXEC006O**:
  - Comment out the **SYS095** and **SYS0951 DD** statements for the Partner Cross-reference file and uncomment the **EDIPREL** and **EDIPREL1 DD** statements for the Partner Relationship file.
- Read the comments within each JCL member and follow additional instructions.
- Execute a Syntax check on each customized JCL member to reduce the chance of errors during the installation verification procedure. If the method you use to perform the syntax checks also checks for missing data sets, you may receive errors because most data sets have not yet been defined. You should ignore these errors and focus on any true JCL syntax errors that are found.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



## Defining Base Files

Base files include the System Configuration, Partner, Partner Control, Error Message, Security, and Partner Cross-reference files. These files are part of Sterling Gentran:Basic.

**Note:** If Sterling Gentran:Basic is installed on your system, the files already are defined; skip this step and proceed to **Step 24** on page 3-36.

**Step 18** Customize either JCL member **DEFBASE**, **DEFBASEM**, or **DEFBASER** and submit. The JCL member you use depends on your current Trading Profile Mode or your target Trading Profile Mode if you are performing a new installation.

- For Partner/Qualifier mode, use member **DEFBASE**.
- For Mixed mode, use member **DEFBASEM**.
- For Relationship mode, use member **DEFBASER**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Change the **SEQJCL DD** statement in the steps that execute program **EDIRJCLX** to your Sterling Gentran:Realtime JCL file **GENTRAN.V6X6.RTE.JCL**.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. Delete these files after installation is complete.
- Modify the parameters for the **EDIOPT DD** statement in Step 3 of the JCL.
  - Change the value **PIM** on the **PROGRAM IMAGE** parameter record to the 3-character program image specified on your Pre-installation Worksheet in chapter 2.
  - Change the value **SIM** of the **DATABANK MANAGER TRANSACTION ID** parameter record to the 3-character program image specified on your Pre-installation Worksheet in chapter 2.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.

Verify the job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Defining Mapping Files

Mapping files include the Application Header, Record, Field, and Link files; Transaction Header, Segment, and Element files; and Translation Table Definition, Code Translation, Data Translation, and Data Validation files. Mapping files are part of Sterling Gentran:Basic.

**Note:** If Sterling Gentran:Basic is installed on your system, the files already are defined; skip this step and proceed to **Step 24** on page 3-36.

**Step 19** Customize JCL member **DEFMAP** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Defining Sterling Gentran:Basic Files

This job defines Sterling Gentran:Basic files that must be present for **DEFDBRTE** to run. Those files include the Online Log file and the Databank Transaction Queue files.

**Note:** If Sterling Gentran:Basic is installed on your system, the files already are defined; skip this step and proceed to **Step 24** on page 3-36.

**Step 20** Customize JCL member **DEFRTEO** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Defining Permanent Sequential Unload/Upload Files

**Step 21** Customize JCL member **DEFUNLD** and submit.

**Note:** If Sterling Gentran:Basic is installed on your system, the files already are defined; skip this step and proceed to **Step 24** on page 3-36.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text strings **xxxxxxx** as required by your installation
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Although these files are identified by **SEQ** as the third node of the data set name, they are permanent files that should *not* be deleted.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Defining the Sterling Gentran:Basic Change Audit Files

**Step 22** Customize JCL member **DEFCA** and submit.

**Note:** If Sterling Gentran:Basic is installed on your system, the files are already defined. Skip this step and proceed to **Step 24** on page 3-36.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change the text strings **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**).
  - Permanent Sterling Gentran:Basic files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Basic files are identified with **SEQ** as the third node of the data set name.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Defining the Message Center Files

**Step 23** Customize JCL member **DEFMC** and submit.

**Note:** If Sterling Gentran:Basic is installed on your system, the files are already defined. Skip this step and proceed to Step 24 on page 3-36.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change the text string **XXXXXX** of **VOLUME** ( ) as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**).
  - Permanent Sterling Gentran:Basic files are identified with **VSAM** as the third node of the data set name.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Updating the Error Message and Control File

This step updates the Sterling Gentran:Basic Error Message and Control file.

**Note:** If Sterling Gentran:Basic is *not* installed on your system, skip this step because the Error Message and Control file has already been built by the DEFBASE job in **Step 18**.

**Step 24** Customize JCL member **UPDTMSG** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Basic files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Basic files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- If your Sterling Gentran:Basic CICS region is active, you must close and disable the **SIMERRC** file before submitting this job.

**Note:** Replace the first three characters of the file name with your system image characters.
- Submit the JCL member.
- Verify the job results. You should never receive a return code other than zero.
- If you closed and disabled the **SIMERRC** file before submitting the job, open and enable it.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



---

## Updating the Configuration File

This step updates the Sterling Gentran:Basic Configuration file to include the Sterling Gentran:Control and Sterling Gentran:Realtime configuration records.

**Step 25** Customize JCL member **UPDTCFG** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to perform a mass-edit on data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the fourth node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- Close and disable the **SIMCFG** file under CICS if the region containing Sterling Gentran:Basic/Realtime is running.

**Note:** Replace the first three characters of the file name with your system image characters.
- Submit the JCL member.
- Verify that the return codes are zeroes.
- If you closed and disabled the **SIMCFG** file before submitting the job, open and enable it.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Customizing the JCL Files

This step customizes JCL streams that will be loaded into the JCL file in **Step 27**.

**Step 26** Customize JCL members **EXECACK**, **EXECIB**, **EXECOB**, **EXECPRT**, **EXECSB**, and **EXEC306**.

*Typically performed by:* System Installer

This section lists the tasks involved in customizing the job card and data set names within the JCL streams.

Check the box next to each task as you complete it.

- Add a job card. When creating the job card, it is important that the word **JOB** is located in positions 12 – 14. Some online applications can override the job name when submitting JCL and this is necessary for the override to function properly.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **XXXXXX** of **VOL=SER=** as required by your installation.
- Change data set names as required by your installation. Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to perform a mass-edit on data set names.
- Read the comments within each JCL member and follow additional instructions.
- Execute a Syntax check on each customized JCL member to reduce the chance of errors during the installation verification procedure. If the method you use to perform the syntax checks also checks for missing data sets, you may receive errors because most data sets have not yet been defined. You should ignore these errors and focus on any true JCL syntax errors that are found.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Defining Sterling Gentran:Realtime Files

The Sterling Gentran:Realtime files include the Online Control and Request files; the Reporting and Exception files; and the Activity and Monitor files.

**Step 27** Customize JCL member **DEFRTE** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text strings **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the fourth node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- You must change the **ADD** parameter in the steps that execute **EDIRJCLX** to reflect the three-character system image as indicated on your Pre-installation Worksheet.

**Note:** The step that adds **EXEC306** does *not* need to be changed.
- Read the comments within the JCL member and follow additional instructions.
- If necessary, close and disable the **SIMRJCL** and **SIMRSEP** files under CICS if the region containing Sterling Gentran:Basic/Realtime is running.

**Note:** Replace the first three characters of the file names with your system image characters.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 8.
- Open and enable the **SIMRJCL** and **SIMRSEP** files if you closed them before submitting the JCL member in this step.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Defining Databank Files

Databank files include up to four Directory, Message Store, Archive, and Change Audit files; up to two Link files; and one Network Reconciliation file.

**Note:** At installation, all databanks are active for verification purposes. During conversion, the levels will be modified to agree with the values you have indicated from your Pre-installation Worksheet.

See Chapter 4, “The Databank Subsystem,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for more information on the configuration and design of the Databank subsystem.

**Step 28** Customize JCL member **DEFDBRTE** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text strings **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the fourth node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

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## Updating / Defining the Help File

If Sterling Gentran:Basic is installed on your system, this step replaces the Sterling Gentran:Basic Help file. If Sterling Gentran:Basic is *not* installed on your system, this step *defines* the Sterling Gentran:Basic Help file.

**Step 29** Customize JCL member **DEFHELP** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Basic files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Basic files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- If Sterling Gentran:Basic is installed on your system and if the CICS region is active, you must close and disable the **SIMHELP** file before submitting this job.

**Note:** Replace the first three characters of the file name with your system image characters.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 8.
- If you closed and disabled the **SIMHELP** file before submitting the job, open and enable it.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Loading Test Partners and Maps

**Step 30** Customize either JCL member **LOADTPM** or **LOADTPMR** and submit.

The JCL member you use depends on the Trading Profile Mode setting for your Gentran system. To determine your mode, check your Pre-installation Worksheet in chapter 2 or go to the Configuration Directory screen (EDIM230) and select record type 0 (On-line Processing Options) to display the Configuration Maintenance screen (EDIM231). Then press **PF5** to proceed to screen 2.

- For Partner/Qualifier or Mixed mode, use member **LOADTPM**.
- For Relationship mode, use member **LOADTPMR**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Modify the job card.
- Change data set names as required by your installation. Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- If your Sterling Gentran CICS region is active, you must ensure that the following files are closed and disabled before submitting this job.
  - SIMAPFL, SIMAPF1, SIMAPHD, SIMAPRC, SIMAPR1, SIMAPTR, SIMCDCD, SIMCDC1, SIMCDDF, SIMCDDA, SIMCDD1, SIMCDVL, SIMPART, SIMPINB, SIMPOTB, SIMTREL, SIMTRE1, SIMTRHD, SIMTRSG, SIMTRS1
  - SIMPREF and SIMPREF1 if using member **LOADTPM**
  - SIMPREL and SIMPREL1 if using member **LOADTPMR**

**Note:** Replace the first three characters of the file name with your system image characters.

- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 8.
- If you closed and disabled files before submitting the job, open and enable them.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Defining the Sterling Gentran:Realtime Change Audit Files

**Step 31** Customize JCL member **DEFCARTE** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change the text strings **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**).
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Defining Standards

**Note:** If Sterling Gentran:Basic is installed on your system, skip this section and proceed to “Establishing the Online Environment” on page 3-47.

**Step 32** Customize JCL member **DEFSTD** and submit.

*Typically performed by:* System Installer

**DEFSTD** loads the online Standards files (Standards Association, Version, Transaction, Segment, Segment Description, Element, Element Description, Activity, Dictionary, and the four Code files).

This job extracts EDI standards from the sequential standards files that were built in **Step 15** and loads them into the files listed above. Control cards limit the extraction to the standard versions that you use.

The following versions are set up to be extracted from the sequential standards files:

Version	Agency
00100	X
00200	X
00300	X
00400	X
004001	UN
00403	X
004030	X
DEFAULT	SC
Dbb99B	UN

Control cards for the above versions are already present in JCL member **DEFSTD**. You can add control cards for additional versions that you use.

Refer to the “Standards Update” topic in Chapter 4 of the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide* for more information on maintaining standards. If you are selecting versions other than those versions needed to perform the verification procedure, this section contains information that will help to determine DASD allocations.

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.



- 
- Change the text strings **SSSSSS** and **XXXXXX** of **VOLUMES ( )** as required by your installation.
  - Change data set names as required by your installation. Consider the following:
    - Change only the first index level of the sequential standards data sets. These are identified with the **GENTRAN . STDS** high-level qualifier.
    - Change only the first two index levels of all other data sets. These are identified with the **GENTRAN . V6X6** high-level qualifier.
    - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
    - Extract Sterling Gentran:Realtime files are identified with **EXTRACT** as the third node of the data set name. You may delete these files after installation is complete.
  - Step 04 of JCL member **DEFSTD** contains a list of standards versions that will be extracted. Add control cards for any additional versions that you will use.
  - Read the comments within the JCL member and follow additional instructions.
  - Submit the JCL member.
  - Verify the job results. You should never receive a return code greater than 8.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Step 33** Customize JCL member **DEFTBL** and submit.

*Typically performed by:* System Installer

**DEFTBL** loads the Optimized Standards Table file. This file is an optimized version of the online standards files and is used by the inbound and outbound editors to perform compliance checking. This job loads an initial version of the file that is used during the installation verification procedure.

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing so enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the third node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Establishing the Online Environment

### Overview

Sterling Gentran:Realtime has an extensive CICS online environment that allows for entry, update, and inquiry of partners, maps, standards, databanks, and other administrative functions. This section of the installation procedures describes the steps that you will perform to customize the resources and update your CICS environment to install the application software and files needed to make these functions available.

Your installation will depend upon your release of CICS and how it is configured. Refer to comments within each of the following steps and associated JCL members for information about modifications that you may need to make.

You will need full access to the following items to complete this CICS installation:

- The CICS System Definition file DFHCSD
- The CICS Offline Utility program DFHCSDUP
- The CICS Resource Definition Online transaction CEDA
- The CICS Master Terminal transaction CEMT

It is assumed that a functional CICS region exists and that the system installer has full authorization to access the region and use these items.

---

## Sterling Gentran:Basic Online Components

**Note:** If Sterling Gentran:Basic is installed on your system, there is no need to establish the online environment for it. Proceed directly to **Step 43** on page 3-58.

### *CICS Resource Definitions for Sterling Gentran:Basic Destinations*

**Step 34** Customize JCL member **BSCRDOD**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- If you are installing into an MRO environment, you may need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the destinations reside.

In addition, if you are creating a unique group name for each MRO region, you will need to create a duplicate JCL member for each unique name.

- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## CICS Resource Definitions for Sterling Gentran:Basic Files

### Step 35 Customize JCL member **BSCRDOF**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Remove the following definitions for the Sterling Gentran:Basic Databank files. Sterling Gentran:Realtime has its own set of databank files, which replace these.

SIMIACA	SIMIAP	SIMIAS	SIMIEA	SIMIECA
SIMIEP	SIMIES	SIMOAA	SIMOACA	SIMOAL
SIMOAS	SIMOEA	SIMOECA	SIMOEP	SIMOES
SIMIAA	SIMIEL	SIMOAP	SIMACKO	

**Note:** Replace the first three characters of each file name with your system image characters.

- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.
- Each definition contains the **DSNAME** parameter to specify the names of the data sets to be allocated for the files. You may remove these parameters and instead specify the files using DD statements in the CICS startup JCL. If you wish to do this, **Step 40** provides instructions for updating the CICS startup JCL.

If you elect to retain the **DSNAME** parameters, you must globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

- If you changed the CICS Group Name on the Pre-Installation Worksheet in Chapter 2 from the default value **GENBSC**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- Review Local Shared Resource Pool IDs for your system. To manage overhead, most Sterling Gentran:Basic files are assigned to an LSR pool. Files that cannot be installed in a pool use the parameter **LSRPOOLID (NONE)** in the definitions.
- If you are processing in Relationship mode, you must replace the definitions for the Partner Cross-reference files (**SIMPREF** and **SIMPREF1**) with the definitions for the Partner Relationship files (**SIMPREL** and **SIMPREL1**). The BSCRDOF member contains both sets of definitions with the definitions for the Partner Relationship files commented out.
- If you are installing into an MRO environment, you will need to uncomment the **KEYLENGTH** and **RECORDSIZE** parameters for each resource definition.

You may also need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the files reside.

In addition, if you are creating a unique group name for each MRO region, you will need to create a duplicate JCL member for each unique group name.

- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

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*CICS Resource Definitions for Sterling Gentran:Basic Programs and Mapsets***Step 36** Customize JCL member **BSCRDOPM**.*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- All Sterling Gentran:Basic CICS applications are identified in this member. Programs and BMS mapsets are included.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- Review the definitions for the GENBYPAS and PIMXSEC programs. These sample programs can be used to test the Entry Gateway and Security Exit components of the User Security Facility. If you choose to implement one of these components and you would like to test it using one of these programs, uncomment the definition for the program you wish to use. See Appendix E in this guide for more information about using these programs.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

*CICS Resource Definitions for Sterling Gentran:Basic Transactions***Step 37** Customize JCL member **BSCRDOT**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Remove the definition for the **Databank Scanner Initiator** transaction **SIMD**. This transaction runs in the background and performs maintenance on the Sterling Gentran:Basic databanks. Since these databanks are not defined in a stand-alone Sterling Gentran:Realtime installation, this transaction is not needed.
- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- Review the definition for the **SIMC** transaction ID. This transaction can be used to test the sample Entry Gateway program **GENBYPAS**. If you choose to implement this component of the User Security Facility and you would like to test it using this program, uncomment the definition for the **SIMC** transaction ID. See Appendix E in this guide for more information about using this transaction.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- If you are installing into an MRO environment, you may need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the transactions reside.
- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



---

*Defining Sterling Gentran:Basic Resources in the CICS System Definition File***Step 38** Customize JCL member **DEFRDO**.

This step adds the customized JCL members from the previous steps to the System Definition file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a Job Card.
- Change data set names **YOUR . CICS . SDFHLOAD** and **YOUR . CICS . DFHCS**D as required by your installation.
- Change the data set names as required by your installation.
  - Change only the first two index levels (**GENTRAN . V6X6**).
  - Change the **SYSIN DD** statement in the steps that execute program DFHCS DUP to your Sterling Gentran:Realtime JCL file **GENTRAN . V6X6 . RTE . JCL**.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, substitute your group name in the **DELETE** step in the JCL.
- If you are defining the Sterling Gentran:Basic CICS resources in an existing group, you must comment out or remove the **DELETE** step in the JCL. Otherwise, your existing group will be deleted.
- If you are installing into an MRO environment, you may need to run this job multiple times depending on whether or not you are sharing the CSD file among the regions and whether or not you are using different group names in each region. If you do need to run the DEFRDO job multiple times, modify the CSD file name, group name, and/or JCL member names to meet your needs.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 0 except for the **DELETE** step, which will end with a return code of 4 if the group did not previously exist.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

*Renaming Sterling Gentran:Basic Programs and Mapsets*

**Step 39** Customize JCL member **BSCNAME**. This job will copy and rename all Sterling Gentran:Basic online CICS programs and mapsets to reflect the program image.

**Note:** All online CICS programs and mapsets are supplied with a program image of **EDI**. If you have chosen **EDI** as your program image, you may skip this step.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used at your installation.
- Change the data set names as required by your installation.
  - Change only the first two index levels (**GENTRAN.V6X6**).
  - Change the **LOADIN** DD statement in the steps that execute program IEBCOPY to your Sterling Gentran:Realtime CICS load library **GENTRAN.V6X6.RTE.CICS.LOAD**.
- Remove the **SELECT** statements for members **EDIBCTL**, **EDIBDBIA**, **EDIBDBIE**, **EDIBDBOA**, and **EDIBDBOE** from the **SYSIN** DD statement in the step that executes program IEBCOPY. These Sterling Gentran:Basic programs are not required for Sterling Gentran:Realtime.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- Read the comments within the JCL and follow any additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

*Updating the CICS Startup JCL*

**Step 40** Allocate the Sterling Gentran:Basic resources to your CICS region.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add the CICS load library created in **Step 39** to the DFHRPL concatenation. The recommended sequence to specify the load libraries for the Sterling Gentran products is:

- IBM® Sterling Gentran:Viewpoint®
- IBM® Sterling Gentran:Basic®
- IBM® Sterling Gentran:Realtime®
- IBM® Sterling Gentran:Structure®
- IBM® Sterling Gentran:Plus®
- IBM® Sterling Gentran:Control®

- You must add DD statements for the destinations that you defined in **Step 34**. JCL member BSCCICSD contains DD statements that you may use.

Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.

Globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

- If you elected to remove the **DSNAME** parameters from the file definitions in **Step 35**, you must add DD statements to define the files to CICS. JCL member **BSCCICS** contains DD statements that you may use.

Remove the following definitions for the Sterling Gentran:Basic Databank files. Sterling Gentran:Realtime has its own set of databank files, which replace these.

SIMIACA	SIMIAP	SIMIAS	SIMIEA	SIMIECA
SIMIEP	SIMIES	SIMOAA	SIMOACA	SIMOAL
SIMOAS	SIMOEA	SIMOECA	SIMOEP	SIMOES
SIMIAA	SIMIEL	SIMOAP		

Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.

Globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

- Start or restart the CICS region.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

*Installing the Sterling Gentran:Basic CICS Group*

**Step 41** Use the CEDA transaction to make the Sterling Gentran:Basic CICS resources available to your CICS region.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Log on to CICS as required within your environment to access the CEDA transaction. When you have finished, clear the screen.
- Type the following command to dynamically install the resources. If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, substitute your group name for the value **GENBSC** in the command. Press **Enter** to invoke the command.

**CEDA INSTALL GROUP (GENBSC)**

Check for the **Install Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

- If you defined the Sterling Gentran:Basic CICS resources in an existing group that is already specified in a list of groups that CICS installs at startup, you may skip the remainder of this step.
- Type the following command to permanently add the group to a list of groups that CICS installs at startup. If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, substitute your group name for the value **GENBSC** in the command. Also substitute your list name for the value **LISTNAME** in the command. Press **Enter** to invoke the command.

**CEDA ADD GROUP (GENBSC) LIST (LISTNAME)**

Check for the **Add Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

### Verifying the Sterling Gentran:Basic CICS Installation

**Step 42** The following commands can be used to confirm successful installation. Use them to compare each resource to the input in JCL members **BSCRDOD**, **BSCRDOF**, **BSCRDOPM**, and **BSCRDOT** as appropriate.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Type the following command to display all the resources in the group. If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, substitute your group name for the value **GENBSC** in the command. Press **Enter** to invoke the command.

```
CEDA DISPLAY GROUP (GENBSC)
```

Review each entry displayed on the screen. When you have finished, press **PF3**, and then clear the screen.

- Type the following commands to open and enable all files used by Sterling Gentran:Basic. Change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.

```
CEMT SET FILE (SIMAP*) OPE ENA – Mapping Application
CEMT SET FILE (SIMTR*) OPE ENA – Mapping Transaction
CEMT SET FILE (SIMCD*) OPE ENA – Mapping Codes
CEMT SET FILE (SIMO*) OPE ENA – Online Log
CEMT SET FILE (SIMP*) OPE ENA – Partner
CEMT SET FILE (SIMS*) OPE ENA – Standards and Security
CEMT SET FILE (SIMR*) OPE ENA – JCL and Separator Control
CEMT SET FILE (SIM*CHA) OPE ENA – Change Audit
CEMT SET FILE (SIMMC*) OPE ENA – Message Center
```

This is an important step in verification. All Sterling Gentran:Basic files must be available to CICS before you can continue. If a file allocation problem occurs, check your CICS system log and file definitions. You must resolve all problems.

- Type the following command to load all programs and mapsets. Replace **PIM** with the three-character program image specified on the Pre-installation Worksheet in Chapter 2.

```
CEMT SET PROGRAM (PIM*) NEW
```

If a program fails to load, most likely an error occurred in the virtual system resources or library concatenation. All Sterling Gentran:Basic online programs and mapsets must be available to CICS before you can continue.

Review each entry displayed on the screen. When you have finished, press **PF3** and then clear the screen.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Sterling Gentran:Realtime Online Components

### CICS Resource Definitions for Sterling Gentran:Realtime Files

**Step 43** Customize JCL member **RTERDOF**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.
- Each definition contains the **DSNAME** parameter to specify the names of the data sets to be allocated for the files. You may remove these parameters and instead specify the files using DD statements in the CICS startup JCL. If you wish to do this, **Step 49** provides instructions for updating the CICS startup JCL.

If you elect to retain the **DSNAME** parameters, you must globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

If Sterling Gentran:Basic is installed on your system and you skipped **Step 33**, which runs DEFTBL to define and load the Optimized Standards Table file, you must obtain the data set name to be assigned for the **SIMSOPT** file from your Sterling Gentran:Basic system.

- If you changed the CICS Group Name on the Pre-Installation Worksheet in Chapter 2 from the default value **GENRTE**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- Review Local Shared Resource Pool IDs for your system. To manage overhead, most Sterling Gentran:Realtime files are assigned to an LSR pool. Files that cannot be installed in a pool use the parameter **LSRPOOLID (NONE)** in the definitions.
- If you are installing into an MRO environment, you will need to uncomment the **KEYLENGTH** and **RECORDSIZE** parameters for each resource definition.

You may also need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the files reside.

In addition, if you are creating a unique group name for each MRO region, you will need to create a duplicate JCL member for each unique group name.

- Read the comments within the JCL member and follow additional instructions.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

---

*CICS Resource Definitions for Sterling Gentran:Realtime Programs and Mapsets*

**Step 44** Customize JCL member **RTERDOPM**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- All Sterling Gentran:Realtime CICS applications are identified in this member. Programs and BMS mapsets are included.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENRTE**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

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*CICS Resource Definitions for Sterling Gentran:Realtime Transactions*

**Step 45** Customize JCL member **RTERDOT**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENRTE**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- If you are installing into an MRO environment, you may need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the transactions reside.
- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



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## Implementing Sterling Connect

**Note:** If you are not using Sterling Connect in your Sterling Gentran:Realtime processing you may skip this step.

The Sterling Gentran Online system has been implemented to enable all CICS programs and transactions to be located above the 16MB line in virtual storage.

Sterling Connect Release 1.3.00 was also designed to enable all CICS programs and transactions to be located above the 16MB line in virtual storage. Releases prior to 1.3.00 were designed to run below the 16MB line. A fix for Sterling Connect 1.2.00 was created to allow the Sterling Connect CICS programs and transactions to be located above the 16MB line. This fix is available through the IBM Customer Support desk. An attempt to use Sterling Gentran:Realtime with a release of Sterling Connect prior to 1.3.00 that has not be patched with this fix will result in an AEZC abend in CICS when Sterling Gentran:Realtime interfaces with Sterling Connect.

There are three ways that this abend can be prevented/resolved.

1. Apply the fix that is available for Sterling Connect to enable the programs and transactions to be located above the 16MB line before continuing with your installation of Sterling Gentran:Realtime. Please contact the IBM Customer Support desk to obtain this fix.
2. Upgrade your Sterling Connect to release 1.3.00 before continuing with your installation of Sterling Gentran:Realtime. Please contact the IBM Customer Support desk for assistance.
3. Modify your Sterling Gentran transactions to force the CICS transactions to run below the 16MB line. This can be accomplished by performing the tasks outlined in the following step to change the value assigned to the TASKDATALOC parameter from (ANY) to (BELOW).

### Step 46 Modify the Sterling Gentran CICS transactions.

**Note:** This step should only be executed if you have decided not to update or upgrade your Sterling Connect software. This step will modify Sterling Gentran transactions to run below the 16MB line.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **RTERDOT** that you previously customized in **Step 45**. This JCL member contains the CICS resource definitions for Sterling Gentran:Realtime transactions.

Change the value for the **TASKDATALOC** parameter from **(ANY)** to **(BELOW)** for the transactions SIMA, SIMC, SIME, SIMF, SIMK, SIMO, SIMR, SIMT, SIM8, and SIM9 where SIM is your three-character system image. These are the

only transactions that interface with Sterling Connect. The others do not, so they can retain the **(ANY)** value.

- ❑ Customize and execute JCL member **BELOW16** to alter the **TASKDATALOC** parameter for transaction **SIM** to force the Sterling Gentran Online system to run below the 16MB line. This job will execute the CICS batch utility **DFHCSDUP** to update the CICS System Definition (CSD) file.
  - Add a job card.
  - Change data set names **YOUR.CICS.SDFHLOAD** and **YOUR.CICS.DFHCSD** as required by your installation.
  - Globally change the value **SIM** to your three-character system image.
  - If you changed the group name from the default value **GENBSC** when you established the online environment during installation, substitute your group name in the **GROUP** parameter.
  - If your Sterling Gentran Online system is installed in an MRO environment, you may need to run this job multiple times depending on whether or not you are sharing the CSD file among the regions and whether or not you are using different group names in each region. If you do need to run the **BELOW16** job multiple times, modify the CSD file name and/or group name to meet your needs.
  - Read the comments within the JCL and follow additional instructions.
  - Submit the job.
  - Verify the job results. You should never receive a return code greater than 0.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

---

*Defining Sterling Gentran:Realtime Resources in the CICS System Definition File***Step 47**      Customize JCL member **DEFRDOR**.

This step adds the customized JCL members from the previous steps to the System Definition file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a Job Card.
- Change data set names **YOUR.CICS.SDFHLOAD** and **YOUR.CICS.DFHCS** as required by your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**).
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENRTE**, substitute your group name in the **DELETE** step in the JCL.
- If you are defining the Sterling Gentran:Realtime CICS resources in an existing group, you must comment out or remove the **DELETE** step in the JCL. Otherwise, your existing group will be deleted.
- If you are installing into an MRO environment, you may need to run this job multiple times depending on whether or not you are sharing the CSD file among the regions and whether or not you are using different group names in each region. If you do need to run the DEFDRDO job multiple times, modify the CSD file name, group name, and/or JCL member names to meet your needs.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 0 except for the **DELETE** step, which will end with a return code of 4 if the group did not previously exist.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

### Renaming Sterling Gentran:Realtime Programs and Mapsets

**Step 48** Customize JCL member **RTENAME**. This job will copy and rename all Sterling Gentran:Realtime online CICS programs and mapsets to reflect the program image.

**Note:** All online CICS programs and mapsets are supplied with a program image of **EDI**. If you have chosen **EDI** as your program image, you may skip this step.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used at your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**).
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- Read the comments within the JCL and follow any additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

*Updating the CICS Startup JCL*

**Step 49** Allocate the Sterling Gentran:Realtime resources to your CICS region.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

Add the CICS load library created in **Step 48** to the DFHRPL concatenation. The recommended sequence to specify the load libraries for the Sterling Gentran products is:

- IBM® Sterling Gentran:Viewpoint®
- IBM® Sterling Gentran:Basic®
- IBM® Sterling Gentran:Realtime®
- IBM® Sterling Gentran:Structure®
- IBM® Sterling Gentran:Plus®
- IBM® Sterling Gentran:Control®

If you elected to remove the **DSNAME** parameters from the file definitions in **Step 43**, you must add DD statements to define the files to CICS. JCL member **RTECICS** contains DD statements that you may use.

Globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.

Globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

Start or restart the CICS region.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

### Installing the Sterling Gentran:Realtime CICS Group

**Step 50** Use the CEDA master transaction to make the Sterling Gentran:Realtime CICS resources available to your CICS region.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Log on to CICS as required within your environment to access the CEDA transaction. When you have finished, clear the screen.
- If Sterling Gentran:Control is installed on your CICS region, it must be removed because Sterling Gentran:Control is included in Sterling Gentran:Realtime. Your CICS region must use the files, programs, and transactions that are included with Sterling Gentran:Realtime because additional information is included. Two steps are required to perform this.

1. Type the following command to remove the group from the list of groups that CICS installs at startup. If you changed the CICS group name from **GENCTL** when you installed Sterling Gentran:Control on your CICS region, substitute your group name for the value **GENCTL** in the command. Also, substitute your list name for the value **LISTNAME** in the command. Press **Enter** to invoke the command.

```
CEDA REMOVE GROUP (GENCTL) LIST (LISTNAME)
```

Check for the **Remove Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

2. Type the following command to delete the resources from your CICS region. If you changed the CICS group name from **GENCTL** when you installed Sterling Gentran:Control on your CICS region, substitute your group name for the value **GENCTL** in the command. Press **Enter** to invoke the command.

```
CEDA DELETE GROUP (GENCTL) ALL
```

Check for the **Delete Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

- Type the following command to dynamically install the resources. If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENRTE**, substitute your group name for the value **GENRTE** in the command. Press **Enter** to invoke the command.

```
CEDA INSTALL GROUP (GENRTE)
```

Check for the **Install Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

- If you defined the Sterling Gentran:Realtime CICS resources in an existing group that is already specified in a list of groups that CICS installs at startup, you may skip the remainder of this step.

- Type the following command to permanently add the group to a list of groups that CICS installs at startup. If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENRTE**, substitute your group name for the value **GENRTE** in the command. Also substitute your list name for the value **LISTNAME** in the command. Press **Enter** to invoke the command.

**CEDA ADD GROUP (GENRTE) LIST (LISTNAME)**

Check for the **Add Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

*Verifying the Sterling Gentran:Realtime CICS Installation*

**Step 51** The following commands can be used to confirm successful installation. Use them to compare each resource to the input in JCL members RTERDOF, RTERDOPM, and RTERDOT, as appropriate.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Type the following command to display all the resources in the group. If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENRTE**, substitute your group name for the value **GENRTE** in the command. Press **Enter** to invoke the command.

```
CEDA DISPLAY GROUP (GENRTE)
```

Review each entry displayed on the screen. When you have finished, press **PF3**, and then clear the screen.

- Type the following commands to open and enable all files used by Sterling Gentran:Realtime. Change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2.

```
CEMT SET FILE (SIMAPPL*) OPE ENA – Application Test Data files
CEMT SET FILE (SIMASCDT) OPE ENA – Associated Data file
CEMT SET FILE (SIMCKP) OPE ENA – Checkpoint file
CEMT SET FILE (SIMDAT*) OPE ENA – EDI Test Data files
CEMT SET FILE (SIMOCF) OPE ENA – Online Control file
CEMT SET FILE (SIMQ*) OPE ENA – Queue files
CEMT SET FILE (SIMR*) OPE ENA – Realtime files
CEMT SET FILE (SIMSOPT) OPE ENA – Optimized Standards Table file
CEMT SET FILE (SIMTDATA) OPE ENA – Test Data file
CEMT SET FILE (SIM*CHA) OPE ENA – Change Audit files
```

This is an important step in verification. All Sterling Gentran:Realtime files must be available to CICS before you can continue. If a file allocation problem occurs, check your CICS system log and file definitions. You must resolve all problems.

- Type the following command to load all programs and mapsets. Replace **PIM** with the three-character program image specified on the Pre-installation Worksheet in Chapter 2.

```
CEMT SET PROGRAM (PIM*) NEW
```

If a program fails to load, most likely an error occurred in the virtual system resources or library concatenation. All Sterling Gentran:Realtime online programs and mapsets must be available to CICS before you can continue.



Review each entry displayed on the screen. When you have finished, press **PF3** and then clear the screen.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

*Customizing Automatic System Start-up Program EDIRPLT*

**Step 52** Sterling Gentran:Realtime uses an Online Scanner/Initiator program (EDIEOSI) to monitor activity and determine when to initiate online or batch processing. This program must be started every time your CICS environment is started. We provide a sample Automatic System Start-up program (EDIRPLT) that will start EDIEOSI. This step will help you customize this program to meet the needs of your environment.

Two methods can be used to invoke EDIEOSI from EDIRPLT. One is to ‘start’ transaction EDII and the other is to ‘link’ to program EDIEOSI. The basic difference is that the ‘link’ method will cause a slower start of your system but will guarantee that the Sterling Gentran:Realtime system is started before any other PLT programs are invoked.

A compiled and link-edited copy of EDIRPLT is included in the Sterling Gentran:Realtime CICS load library that will ‘start’ transaction EDII.

**Note:** If you do not need to use the ‘link’ method to invoke the Online Scanner/Initiator and if you have chosen EDI as your system image, you may skip this step and continue with **Step 53**.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Modify program EDIRPLT. The source for this program can be found in **GENTRAN.V6X6.RTE.UTILITY.SOURCE**.
  - If you need to use the ‘start’ method to invoke the Online Scanner/Initiator and if you did not choose EDI as your system image, replace the **EDI** portion of the transaction ID EDII with the three-character system image specified on the Pre-Installation Worksheet in Chapter 2.
  - If you need to use the ‘link’ method to invoke the Online Scanner/Initiator, remove or comment out the code to ‘start’ transaction EDII and uncomment the code to ‘link’ to program EDIEOSI. In addition, if you did not choose EDI as your program image, change the first three characters of the program name EDIEOSI to the three-character program image specified on the Pre-Installation Worksheet in Chapter 2.
- Compile and link edit EDIRPLT into your CICS load library that was created during installation, **GENTRAN.V6X6.RTE.CICS.LOAD**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

*CICS Resource Definitions for Sterling Gentran:Realtime Start-up***Step 53** Customize JCL member **RTEPLT**.

We provide a sample entry to add to your Program List Table (PLT) that will invoke the Automatic System Start-up program (EDIRPLT) during CICS startup. This step will help you update your PLT with this entry.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review the PLT definition for your site requirements. Insert this PLT definition into the third initialization stage of your site PLT table.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- Assemble and link the PLT table using your installation's JCL.
- Ensure that the PLT specified in the CICS System Initialization Table (SIT) parameter **PLTPI=xx** (where *xx* is the suffix of the PLT name) contains the Sterling Gentran:Realtime entry.
- Shut down and restart the CICS region to invoke the new PLT to start the Online Scanner/Initiator.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**You have completed the initial installation of Sterling Gentran:Realtime and are now ready to begin the verification procedures described in the next chapter.**



# Installation Verification for Partner/Qualifier Mode

## Overview

After you have completed the installation steps described in Chapter 3, “Installing Sterling Gentran:Realtime,” you must verify your work. To do this, you execute major Sterling Gentran:Realtime components and review the resulting batch reports and screens. This chapter describes the verification procedure for Partner/Qualifier mode processing. The verification steps for Relationship mode and Mixed mode processing are provided in Chapter 5, “Installation Verification for Relationship and Mixed Modes.”

This chapter also familiarizes you with Sterling Gentran:Realtime functionality in a tutorial-like fashion.

This chapter contains the following topics:

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## Introduction

Data on the sample screens and batch reports in this guide will not exactly match the data on your screens and reports for various reasons (your run date and time is different and the install data may have changed since the release of this guide).

This chapter is designed to help you to:

- Verify correct flow from one screen to another.
- Verify correct fields and PF keys on each screen, and make sure that the system displays no superfluous text on the screens.
- Familiarize yourself with the system components, including updating the system and navigating more easily through the system.
- Verify correct layout of each report, and make sure that no error messages exist.

When you encounter discrepancies on the screens or batch reports, you will need to review the respective section in Chapter 3, “Installing Sterling Gentran:Realtime,” in this guide.

Complete the steps in the installation verification procedure in the order presented.

## Requirements for Verification

The installation verification procedure in this chapter requires access to both the online and batch environments. In particular, you need the following:

- A CICS user ID and password enabling access to the Sterling Gentran CICS region
- A Sterling Gentran user ID and password providing update access  
Obtain this information from your System Administrator (or the person who installed the Sterling Gentran CICS feature).
- A TSO or equivalent system, which enables you to submit, monitor, and review batch jobs (for example, ISPF)
- Your CICS region, which contains Sterling Gentran, must be running.

## System/Program Image Modifications

During the installation of Sterling Gentran:Realtime, if you changed the system and/or program image(s) to use a value other than **EDI**, you must make certain modifications so the tests in this chapter will perform according to the provided descriptions:

- Follow the instructions in the “Modifying Sterling Gentran:Realtime Files” step in Appendix B, “System Image and Program Image Features,” to make the required changes. You will modify the queue options, separator options, schedule options, and path options to reflect values that you have chosen to use.
- Replace the value **EDI** with your system image characters whenever you execute a CICS transaction that begins with the characters **EDI**.

## **Sterling Gentran:Realtime Components You Will Verify**

By performing the procedures in this chapter, you will verify the following Sterling Gentran:Realtime components.

### **Online Access**

You will log on to the Sterling Gentran Online CICS component and navigate the various subsystems to confirm their accessibility.

### **Immediate Option Processing**

Verification steps ensure that Sterling Gentran:Realtime can process X12, EDIFACT, and TRADACOMS message standard data. The verification includes Inbound and Outbound processing and the deferred processing option for outbound processing.

### **Queue Option Processing**

You will demonstrate that Sterling Gentran:Realtime processing may be event-driven based on trigger levels.

### **Schedule Option Processing**

You will verify that Sterling Gentran:Realtime processing may be scheduled to run at periodic intervals or at specified times during a week.

### **Control Queue Functions**

You will demonstrate the functionality of Queue file usage in the Sterling Gentran:Control subsystem. Performing these steps verifies the ability of Sterling Gentran:Realtime to submit JCL to the batch system.

### **Sterling Gentran:Realtime Databank Functions**

You will verify that data has been stored correctly on the Sterling Gentran:Realtime databanks.

### **Separator Subsystem Processing**

You will verify that the Separator subsystem is processing properly.

### **Maintenance Transactions**

The transactions that execute the Realtime Databank Maintenance program are tested and verified.

### **Report Printing**

You will execute the batch programs that produce reports.



## Example Screen and Batch Report

The verification results you receive as you complete the steps in this chapter consist of batch reports and online screens, as in the following examples.

### Sample Sterling Gentran:Realtime Screen

```

EDIM800 8.0_____ GENTRAN:Realtime MAIN MENU          XXX   06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _   1.  System Maintenance
          2.  Online Log Display
          3.  Report Selection
          4.  Exception Processing Facility
          5.  GENTRAN:Realtime Activity

Enter PF1=Help          PF3=Exit

                                                    PF15=Logoff

```

### Sample Batch Report

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE   : 00001
REPORT TIME: 12:00:00          REAL-TIME EDI REPORT FILE INITIATOR
REPORT ID   : EDIR305B-EDISUM   SUMMARY REPORT          VERSION: 6.6

OPTIONS USED THIS RUN
-----

REAL-TIME EDI REPORT           = PROCESS
REQUESTED-OPERATION           = FORMAT
CONTROL-FILE-COUNT             = 999999999
DETAIL-FILE-COUNT              = 999999999

PROCESSING SUMMARY
-----

CONTROL RECORDS FORMATTED      :      1,197
DETAIL RECORDS FORMATTED       :     10,395

NUMBER OF ERRORS THIS RUN      :          0
HIGHEST RETURN CODE THIS RUN  :          0

```

## Online Screens

This section provides you with the steps for testing screens to validate the correct set up of all subsystems. This section also includes a summarization that explains jump codes in Sterling Gentran:Realtime and how to use them.

### Using Jump Codes

In Sterling Gentran:Realtime, most screens have a jump code associated with them, which enable you to easily jump from screen to screen. By using jump codes, you will not need to back out of subsystems, bring up the main menu, and then select an option to display another screen. You only need to enter the respective jump code to move from screen to screen.

A jump code consists of up to 10 alphanumeric characters that appear in the upper left corner of the screen, to the right of the screen number. To use jump codes, perform the following:

1. Press **Home** to move the cursor to the Jump Code field.
2. Type the jump code of the screen to which you want to jump in the Jump Code field and press **Enter**.

See “Jump Codes” in Chapter 3, “Screens,” in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* for detailed information on jump codes and guidelines for using them.

For a listing of all jump codes by Sterling Gentran:Realtime screen, see Appendix A of the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide*.

## Log on to Sterling Gentran and Update Security

**Step 1** Complete the following tasks to log on to Sterling Gentran and update security.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Bring up the appropriate screen for the CICS terminal and clear the screen. At the insertion point, type the System Image ID and press **Enter** to display the Sterling Gentran logon screen.

See Appendix B, “System Image and Program Image Features,” for more information about the System Image feature.

```
EDIM000                                06/01/2011
                                         12:00:00

                G E N T R A N

SYSTEM IMAGE: EDI          PROGRAM IMAGE: EDI          DBK CONFIG:FFFF
GENTRAN:REALTIME 6.5.00   GENTRAN:CONTROL 6.5.00   PAUSE = EXIT PC KYBD
GENTRAN:BASIC 6.5.00

                User ID: _____ Password:
                               New Password:

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Enter                                PF3=Exit
```

**Note:** The four lines above the User ID and Password fields indicate which options are selected and which Sterling Gentran add-on products are installed on your system.

- Type **ADMIN** in the User ID field and press **Tab**.
- Type **SECURITY** in the Password field and press **Enter**.

The system displays the Sterling Gentran Main Menu. You can access all Sterling Gentran subsystems from this menu.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                XXXXXXXXX          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  _  1.  Partner Maintenance Menu
      2.  Standards Maintenance Menu
      3.  Databank Maintenance Menu
      4.  Administrative Maintenance
      5.  Mapping Maintenance Menu

      6.  GENTRAN:Plus Main Menu
      7.  GENTRAN:Control Main Menu
      8.  GENTRAN:Realtime Main Menu
      9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

The Sterling Gentran:Control and Sterling Gentran:Realtime subsystems (options 7 and 8) must be enabled before proceeding. A subsystem is enabled if it is highlighted and the letters (N/A) are not displayed to the right. If both subsystems are enabled, skip the rest of this step and proceed to **Step 2**. If both subsystems are not enabled, proceed with the next task.

- Type **4** to select Administrative Maintenance from the Sterling Gentran Main Menu and press **Enter**. The system displays the Administrative Maintenance Menu.

```

EDIM210 4.0 _____ ADMINISTRATIVE MAIN MENU      XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  _  1.  Security Maintenance Menu
      2.  Message Maintenance Menu
      3.  Configuration Directory
      4.  Global Parameter Maintenance
      5.  Relationship Conversion (N/A)
      6.  Upload Process Maintenance
      7.  Separator Menu
      8.  Change Audit Menu
      9.  Message Center Job Summary

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Type **1** to select Security Maintenance Menu from the Administrative Maintenance Menu and press **Enter**.

The system displays the Security Maintenance Menu.

```

EDIM200 4.1_____ SECURITY MAINTENANCE MENU      XXX      06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  User Id Directory
          2.  User Id Maintenance

Enter PF1=Help          PF3=Exit

                                                    PF15=Logoff

```

- Type **2** to select User ID Maintenance from the Security Maintenance Menu and press **Enter**. The system displays the User ID Maintenance screen. In the User ID field, type **ADMIN** and press **Enter**. Verify that the system displays the User ID Maintenance-1 screen.

```

EDIM201 4.1.2_____ USER ID MAINTENANCE-1      XXX      06/01/2011
                                                    12:00:00

User Id..... ADMIN__ Password..          Division.. 000  Initials.. XXX

Last Name.. LAST_____ First.. FIRST_____ MI.. M

Last Update Date..: 06/01/11  User...: XXX

Options                                     Access   Authority Level
Partner Maintenance                         Y (Y/N)  1 (1/2/3)
Standards Maintenance                       Y (Y/N)  1 (1/2/3)
Databank Maintenance                       Y (Y/N)  1 (1/2/3/4/5/6)
Mapping Integration                         Y (Y/N)  1 (1/2/3)
Administrative Maintenance                  Y (Y/N)  1 (1/2/3)
  Security Maintenance                      Y (Y/N)  1 (1/2/3)
  Message Maintenance                      Y (Y/N)  1 (1/2/3)
  Configuration File Maintenance           Y (Y/N)  1 (1/2/3)
  Global Parameter Maintenance             Y (Y/N)  1 (1/2/3)

Enter PF1=Help          PF3=Exit PF4=Dir          PF5=More Opts  PF6=Nxt User
                        PF9=Add PF10=Updt PF11=Del

```

- If Sterling Gentran:Basic is not installed on your system, the value in the Access code field for Databank Maintenance must be **n**. If the value is **n**, continue with the next task in this step. If the value is not **n**, change it and press **PF10=Updt**.

- Verify that the updated screen displays.

```

EDIM201 4.1.2_____ USER ID MAINTENANCE-1          XXX      06/01/2011
                                                12:00:00

User Id..... ADMIN___ Password..          Division.. 000  Initials.. XXX

Last Name.. LAST_____ First.. FIRST_____ MI.. M

Last Update Date...: 06/01/11  User...: XXX

Options                                     Access      Authority Level
Partner Maintenance                       Y (Y/N)     1 (1/2/3)
Standards Maintenance                     Y (Y/N)     1 (1/2/3)
Databank Maintenance                      N (Y/N)     6 (1/2/3/4/5/6)
Mapping Integration                        Y (Y/N)     1 (1/2/3)
Administrative Maintenance                 Y (Y/N)     1 (1/2/3)
  Security Maintenance                     Y (Y/N)     1 (1/2/3)
  Message Maintenance                      Y (Y/N)     1 (1/2/3)
  Configuration File Maintenance           Y (Y/N)     1 (1/2/3)
  Global Parameter Maintenance             Y (Y/N)     1 (1/2/3)

USER ID UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=More Opts  PF6=Nxt User
                        PF9=Add PF10=Updt PF11=Del
    
```

- Press **PF5=More Opts** to display the second User ID Maintenance screen.

```

EDIM202 _____ USER ID MAINTENANCE-2          XXX      06/01/2011
                                                12:00:00

User Id..... ADMIN

Last Update Date...: 06/01/11  User...: XXX

Options                                     Access      Authority Level
GENTRAN:Plus                              N (Y/N)     3 (1/2/3)
GENTRAN:Control                           N (Y/N)     3 (1/2/3)
GENTRAN:Realtime                          N (Y/N)     3 (1/2/3)
Realtime Databank Maintenance              N (Y/N)     6 (1/2/3/4/5/6)
GENTRAN:Viewpoint                          N (Y/N)     4 (1/2/3/4)
  Recipient _____ (optional)

Enter PF1=Help          PF3=Exit PF4=Prev
                        PF10=Updt
    
```

- Tab to Sterling Gentrans:Control and change the Access code from **N** to **Y** and change the Authority Level to **1**.
- Make the same changes to Sterling Gentrans:Realtime and Realtime Databank Maintenance.

- Press **PF10=Updt** and verify that the updated screen is displayed.

```

EDIM202 _____ USER ID MAINTENANCE-2          XXX      06/01/2011
                                                12:00:00

User Id..... ADMIN

Last Update Date...: 06/01/11   User...: XXX

Options                                     Access      Authority Level
GENTRAN:Plus                               N (Y/N)     3 (1/2/3)
GENTRAN:Control                             Y (Y/N)     1 (1/2/3)
GENTRAN:Realtime                           Y (Y/N)     1 (1/2/3)
Realtime Databank Maintenance               Y (Y/N)     1 (1/2/3/4/5/6)
GENTRAN:Viewpoint                           N (Y/N)     4 (1/2/3/4)
      Recipient                               _____ (optional)

USER ID UPDATED
Enter PF1=Help                               PF3=Exit PF4=Prev
                                                PF10=Updt

```

- You must exit and re-enter the Sterling Gentran system for these changes to take effect. Press **Home** to move the cursor to the Jump Code field, type **EXIT** and press **Enter** to leave the Sterling Gentran system.
- Clear the CICS screen. Type the System Image ID and then press **Enter** to display the Sterling Gentran logon screen.
- On the Sterling Gentran logon screen, type **ADMIN** in the User ID field and press **Tab**.
- Type **SECURITY** in the Password field and press **Enter** to display the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Partner Maintenance

**Step 2** Complete the following tasks to verify Partner Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **1** to select Partner Maintenance Menu and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

1_  1.  Partner Maintenance Menu
    2.  Standards Maintenance Menu
    3.  Databank Maintenance Menu
    4.  Administrative Maintenance
    5.  Mapping Maintenance Menu

    6.  GENTRAN:Plus Main Menu
    7.  GENTRAN:Control Main Menu
    8.  GENTRAN:Realtime Main Menu
    9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

The system displays the Partner Maintenance Menu (EDIM005).

```

EDIM005 1.0 _____ PARTNER MAINTENANCE MENU      XXX  06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_  1.  Partner Directory
    2.  Partner Maintenance
    3.  Partner Cross-Reference Menu

Enter PF1=Help          PF3=Exit

PF15=Logoff

```



- Type **1** in the selection field and press **Enter** to display the Partner Directory (EDIM010).

```

Select
EDIM010 1.1_____ PARTNER DIRECTORY XXX 06/01/2011
                                           12:00:00

Starting Partner Id: _____

A Partner                               Qual  Name                                     U
- !!!GENTRAN-RESERVED-PARTNER-ID-1      GENTRAN RESERVED PARTNER              N
- BG-PARTNER                             EXAMPLE OF A BG PARTNER                 N
- ICS-PARTNER                             EXAMPLE OF AN ICS PARTNER              N
- ISA-PARTNER                             EXAMPLE OF AN ISA PARTNER              N
- STX-PARTNER                             EXAMPLE OF AN STX PARTNER              N
- UNA-PARTNER                             EXAMPLE OF A UNA PARTNER               N
- VENDOR-1                               TUTORIAL - XYZ COMPUTER COMPANY        N
- VENDOR-2                               TUTORIAL - BULK PAPER COMPANY          N
- VENDOR-3                               TUTORIAL - TWO WAY COMMUNICATIONS      N
- VENDOR-4                               TUTORIAL - RANDOM OFFICE SUPPLY        N
- VENDOR-5                               TUTORIAL - OVERSEAS MINING COMPAN      N
- VENDOR-6                               TUTORIAL - SOFTWARE HOUSE PLC         N
-
END OF PARTNERS
Enter PF1=Help          PF3=Exit          PF5=Maint
      PF7=Bwd  PF8=Fwd
    
```

- Press **PF3=Exit** twice to return to the Sterling Gentran Main Menu (EDIM001).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Verify Standards Maintenance

**Step 3** Complete the following tasks to verify Standards Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentrans Main Menu, type **2** and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                XXXXXXXX          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

2_  1.  Partner Maintenance Menu
    2.  Standards Maintenance Menu
    3.  Databank Maintenance Menu
    4.  Administrative Maintenance
    5.  Mapping Maintenance Menu

    6.  GENTRAN:Plus Main Menu
    7.  GENTRAN:Control Main Menu
    8.  GENTRAN:Realtime Main Menu
    9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

The system displays the Standards Maintenance Menu (EDIM100).

```

EDIM100 2.0 _____ STANDARDS MAINTENANCE MENU  XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

   1.  Version Directory
   2.  Version
   3.  Version/Transaction Directory
   4.  Transaction Directory
   5.  Transaction
   6.  Segment
   7.  Segment Element
   8.  Segment Element Activity
   9.  Data Element Definition
  10.  Standard Code Menu
  11.  Transaction in Use
  12.  User Envelope Specification
  13.  Standard Association

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.

The system displays the Version Directory screen (EDIM111).

```

Select
EDIM111 2.1 _____          VERSION DIRECTORY          XXX  06/01/2011
                                                12:00:00

Starting Version Id:  D_99B_____  Agency..: UN_
Search Agency.....:  _____

A  Version      Agncy  Envelope      Description      U
   ID           Type
-  D 99B        UN     EDIFACT       EDIFACT VERSION D 99B - OCTOBER 1999  N
-  DEFAULT     SC     ANSI-X12      EDITOR DEFAULT VERSION FOR ALL STANDARDS  N
-  00100        X      ANSI-X12      ANSI INTERCHANGE CONTROL AND ACKNOWLEDGEMEN N
-  00200        X      ANSI-X12      ANSI INTERCHANGE CONTROL AND ACKNOWLEDGEMEN N
-  00300        X      ANSI-X12      INTERCHANGE CONTROL AND ACKNOWLEDGEMENT  N
-  00400        X      ANSI-X12      INTERCHANGE CONTROL AND ACKNOWLEDGMENT  N
-  004001       UN     EDIFACT       EDIFACT CONTRL/AUTACK/KEYMAN MESSAGES (VERS N
-  00403        X      ANSI-X12      INTERCHANGE CONTROL AND ACKNOWLEDGMENT  N
-  004030       X      ANSI-X12      ANSI VERSION 4 RELEASE 3 SUBRELEASE 0  ASC N
-
-
END OF AVAILABLE VERSIONS
Enter PF1=Help PF2=Tdir PF3=Exit          PF5=Vers
      PF7=Bwd  PF8=Fwd
    
```

**Note:** The versions displayed on the Version Directory screen are loaded from the Standards CD-ROM or .zip file.

- Press **PF3=Exit** twice to return to the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Databank Maintenance

**Step 4** Complete the following tasks to verify Databank Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **3** and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                XXXXXXXX          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

3_  1.  Partner Maintenance Menu
    2.  Standards Maintenance Menu
    3.  Databank Maintenance Menu
    4.  Administrative Maintenance
    5.  Mapping Maintenance Menu

    6.  GENTRAN:Plus Main Menu
    7.  GENTRAN:Control Main Menu
    8.  GENTRAN:Realtime Main Menu
    9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

The system displays the Databank Maintenance Menu (EDIM250).

```

EDIM250 3.0 _____ DATABANK MAINTENANCE MENU      XXX  06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER,
or press the PF3 key to Exit.

    1.  Interchange Directory
    2.  Group Directory
    3.  Interchange Status
    4.  Group Status
    5.  Transaction Status
    6.  Document Directory
    7.  Document Status
    8.  Change Audit Directory
    9.  Change Audit Status
   10.  Log Display
   11.  Group Directory - Date
   12.  Acknowledgments Overdue

Enter PF1=Help          PF3=Exit

PF6=Refresh
PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.



## Verify Administrative Maintenance

**Step 5** Complete the following tasks to verify Administrative Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **4** and press **Enter**.

```

EDIM001 0.0 _____          GENTRAN MAIN MENU          XXX          06/01/2011
EDI/EDI                               XXXXXXXX          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  4_  1.  Partner Maintenance Menu
      2.  Standards Maintenance Menu
      3.  Databank Maintenance Menu
      4.  Administrative Maintenance
      5.  Mapping Maintenance Menu

      6.  GENTRAN:Plus Main Menu
      7.  GENTRAN:Control Main Menu
      8.  GENTRAN:Realtime Main Menu
      9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

The system displays the Administrative Main Menu (EDIM210).

```

EDIM210 4.0 _____          ADMINISTRATIVE MAIN MENU          XXX          06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      -  1.  Security Maintenance Menu
          2.  Message Maintenance Menu
          3.  Configuration Directory
          4.  Global Parameter Maintenance
          5.  Relationship Conversion (N/A)
          6.  Upload Process Maintenance
          7.  Separator Menu
          8.  Change Audit Menu
          9.  Message Center Job Summary

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.



The system displays the Administrative Main Menu (EDIM210).

```
EDIM210 4.0_____ ADMINISTRATIVE MAIN MENU XXX 06/01/2011
12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_ 1. Security Maintenance Menu
2. Message Maintenance Menu
3. Configuration Directory
4. Global Parameter Maintenance
5. Relationship Conversion (N/A)
6. Upload Process Maintenance
7. Separator Menu
8. Change Audit Menu
9. Message Center Job Summary

Enter PF1=Help PF3=Exit PF15=Logoff
```

- Type **2** in the selection field and press **Enter** to display the Message Maintenance Menu (EDIM211).

```
EDIM211 4.2_____ MESSAGE MAINTENANCE MENU XXX 06/01/2011
12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_ 1. Message Directory
2. Message Maintenance
3. Error Rejection Maintenance

Enter PF1=Help PF3=Exit PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.



The system displays the Message Directory (EDIM212).

```

Select
EDIM212 4.2.1_____ MESSAGE DIRECTORY          XXX 06/01/2011
                                                    12:00:00

Starting Message Number....: 00000
Language Code.....: EN_
Record Type.....: -
Error Type.....: -
Direction.....: -

A Message      Rec   Sev          T E X T
  Number      Ty
- 00000       G    I    *---- GENTRAN:BASIC VERSION 6.6 06/01/2011 - SCI *
- 00001       G    I    VERSION CHANGED WHILE READING TRANSACTION RECORDS.
- 00002       G    I    INDICATED INVALID KEY ENCOUNTERED WHILE REWRITING VE
- 00003       G    I    TRANSACTION RECORDS MISSING FOR THIS VERSION.
- 00004       G    I    SEGMENT RECORDS MISSING FOR THIS VERSION.
- 00005       G    I    ELEMENT ACTIVITY RECORDS MISSING FOR THIS VERSION -
- 00006       G    I    SEGMENT ELEMENT RECORDS MISSING FOR THIS VERSION.
- 00007       G    I    ELEMENT DICTIONARY RECORDS MISSING FOR THIS VERSION.
- 00008       G    I    LENGTHEN DICTIONARY TABLE - PROGRAM PROBLEM - Contac
TO SELECT, TYPE "S" BESIDE THE MESSAGE # AND PRESS THE PF5 KEY
Enter PF1=Help      PF3=Exit          PF5=Maint
      PF7=Bwd   PF8=Fwd

```

- Press **PF3=Exit** twice to return to the Administrative Main Menu (EDIM210).

The system displays the Administrative Main Menu (EDIM210).

```

EDIM210 4.0_____ ADMINISTRATIVE MAIN MENU          XXX 06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

- 1. Security Maintenance Menu
  2. Message Maintenance Menu
  3. Configuration Directory
  4. Global Parameter Maintenance
  5. Relationship Conversion (N/A)
  6. Upload Process Maintenance
  7. Separator Menu
  8. Change Audit Menu
  9. Message Center Job Summary

Enter PF1=Help      PF3=Exit
                                                    PF15=Logoff

```

- Type **3** in the selection field and press **Enter**.



The system displays the Global Parameter Maint-1 (EDIM220) screen.

```

EDIM220 4.4 _____ GLOBAL PARAMETER MAINT-1 XXX 06/01/2011
                                           12:00:00

Inbound/Outbound: I          *** INBOUND ***

General Processing Options:

  ICS Tables.....: N Y = ICS Tables On      N = ICS Tables Off
  Code Check.....: Y Y = Code Check On      N = Code Check Off
  Error Report.....: Y Y = Always Generate Error Report
  Output Message.....: Y Y = Message On      N = Message Off

Databank Options:

  Partner Databank.....: N Y = Use Partner For Databank Level
  EDI Databank Interchange...: F F = Full D = Directory Only N = None
  EDI Databank Group.....: D D = Directory N = None
  EDI Databank Transaction...: D D = Directory N = None

Last Update Date...: 06/01/11 Time...: 12:00:00 User...: XXX

Enter PF1=Help          PF3=Exit          PF5=Next GBL
                        PF10=Updt
    
```

- Press **PF3=Exit** twice to return to the Sterling Gentran Main Menu (EDIM001).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Verify Mapping Maintenance

**Step 6** Complete the following tasks to verify Mapping Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentrans Main Menu, type **5** and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

5_  1.  Partner Maintenance Menu
      2.  Standards Maintenance Menu
      3.  Databank Maintenance Menu
      4.  Administrative Maintenance
      5.  Mapping Maintenance Menu

      6.  GENTRAN:Plus Main Menu
      7.  GENTRAN:Control Main Menu
      8.  GENTRAN:Realtime Main Menu
      9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

The system displays the Mapping Maintenance Menu (EDIM599).

```

EDIM599 5.0 _____ MAPPING MAINTENANCE MENU    XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_  1.  Application Definition
      2.  Transaction Mapping
      3.  Code and Data Translation

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.

The system displays the Application Definition Menu (EDIM550).

```

EDIM550 5.1_____ APPLICATION DEFINITION MENU          XXX 06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_ 1. Application Directory
   2. Application Data Id
   3. Application Records
   4. Application Fields
   5. Application Partner Reference

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
    
```

- Type **1** in the selection field and press **Enter** to display the Application Directory (EDIM551).

```

Select
EDIM551 5.1.1_____ APPLICATION DIRECTORY          XXX 06/01/2011
                                           12:00:00

Starting Application Data ID.: _____
Filters..... Send/Rec..: _ Group...: _____

Application Send Group Description U App Last Update
A ID Rec
- DELVFILE R DELHDR DELIVERY INFORMATION FILE DEMO N 000000 000000 SCI
- INVFILE R IN INVOICE MASTER FILE N 000000 000000 SCI
- INVFILE-ED R IN INVOICE MASTER FILE EDIFACT N 000000 000000 SCI
- POFILE S PO PURCHASE ORDER MASTER FILE N 000000 000000 SCI
- POFILE-ANA S ORDHDR PURCHASE ORDER MASTER FILE N 000000 000000 SCI
- SALESCAT S SC PRICE SALES CATALOG DEMO N 000000 000000 SCI
-
-
-

TO SELECT APPLICATION ENTER AN "S" BESIDE THE ID
Enter PF1=Help          PF3=Exit          PF5=Data Id    PF6=Rcds
      PF7=Bwd    PF8=Fwd
    
```

- Press **PF3=Exit** twice to return to the Mapping Maintenance Menu (EDIM599).

The system displays the Mapping Maintenance Menu (EDIM599).

```
EDIM599 5.0_____      MAPPING MAINTENANCE MENU      XXX      06/01/2011
                                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _      1.  Application Definition
              2.  Transaction Mapping
              3.  Code and Data Translation

Enter PF1=Help      PF3=Exit

                                                                PF15=Logoff
```

- Type **2** in the selection field and press **Enter** to display the Transaction Mapping Menu (EDIM500).

```
EDIM500 5.2_____      TRANSACTION MAPPING MENU      XXX      06/01/2011
                                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _      1.  Transaction Mapping Directory
              2.  Transaction Maintenance
              3.  Copy Transaction
              4.  Copy Segments from Stsndard
              5.  Segments
                  _ Element Mapping
                  _ Extended Element Mapping
              6.  Copy Segments from Transaction

Enter PF1=Help      PF3=Exit

                                                                PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.

The system displays the Transaction Mapping Directory (EDIM512).

```

Select
EDIM512 5.2.1_____ TRANSACTION MAPPING DIRECTORY          XXX 06/01/2011
                                                           12:00:00

Starting Transaction ID..: _____
Filters....Send/Rec...:  _      Appl ID..: _____
                        Version...: _____ Trans....: _____

Transaction Snd Application  Description          U Map Last Update
A  ID      Rec      ID
- ANSI3030SC S SALESCAT  PRICE SALES CATALOG 003030  N 000000 000000 SCI
- ANSI4030IN R INVFILE   ANSI 004030 INBOUND INVOICES  N 000000 000000 SCI
- ANSI4030PO S POFILE    ANSI 004030 OUTBOUND POS   N 000000 000000 SCI
- EDFCTD99IN R INVFILE-ED EDIFACT D99B INBOUND INVOICE N 000000 000000 SCI
- EDFCTD99PO S POFILE    EDIFACT D99B OUTBOUND ORDERS N 000000 000000 SCI
- TDANA001DV R DELVFILE  DELIVERY NOTIFICATION      N 000000 000000 SCI
- TDANA001PO S POFILE-ANA TRADACOMS VERSION 9 ORDERS  N 000000 000000 SCI
-
-
-

TO SELECT TRANSACTION ENTER AN "S" BESIDE THE ID
Enter PF1=Help      PF3=Exit      PF5=Trans      PF6=Segment
      PF7=Bwd      PF8=Fwd
    
```

- Press **PF3=Exit** three times to return to the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Sterling Gentran:Control

**Step 7** Verify the online **Sterling Gentran:Control** system installation.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- On the Sterling Gentran Main Menu, type **7** in the selection field and press **Enter**.

```

EDIM001 0.0_____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  7_  1.  Partner Maintenance Menu
      2.  Standards Maintenance Menu
      3.  Databank Maintenance Menu
      4.  Administrative Maintenance
      5.  Mapping Maintenance Menu

      6.  GENTRAN:Plus Main Menu
      7.  GENTRAN:Control Main Menu
      8.  GENTRAN:Realtime Main Menu
      9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

The system displays the Control Main Menu (EDIM300).

```

EDIM300 7.0_____ CONTROL MAIN MENU          XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

   _  1.  System Options Maintenance
      2.  Queue Directory
      3.  Queue Options Maintenance
      4.  Online Log Display
      5.  Separator Menu

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- On the Control Main Menu, type **1** in the selection field and press **Enter**.



The system displays the System Options Maintenance (EDIM301) screen.

```

EDIM301 7.1_____ SYSTEM OPTIONS MAINTENANCE          XXX 06/01/2011
                                                    12:00:00

Description.....: GENTRAN:REALTIME_____
                  SAMPLE_SYSTEM_OPTIONS_____

System Status.....: E      E = Enabled          D = Disabled
System Trace.....: D      E = Enabled          D = Disabled
System Type.....:  R      C = Control           R = Realtime

Scan Interval.....: 0120      Seconds
Error User Exit Program.: _____
Error User Exit Data....: _____

Last Update Date.....: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit              PF5=Queue
                          PF10=Updt             PF13=Start
    
```

Press **PF5=Queue** to display the Queue Directory screen (EDIM302).

```

Select
EDIM302 7.2_____ QUEUE DIRECTORY          XXX 06/01/2011
                                                    12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init JCL/
          Description                                     Docs Stat Src Act Trans
- 001    GENTRAN:CONTROL INSTALLATION TEST              0  E  O  B  OB
- 002    GENTRAN:CONTROL INSTALLATION TEST              0  E  B  O  EDIR
- 003    GENTRAN:CONTROL INSTALLATION TEST              0  E  B  B  IB
- 004    GENTRAN:CONTROL INSTALLATION TEST              0  E  B  N
- 005    GENTRAN:REALTIME INSTALLATION TEST             0  E  O  O  EDIR
- 006    GENTRAN:REALTIME INSTALLATION TEST             0  E  O  N
- 007    GENTRAN:REALTIME INSTALLATION TEST             0  E  O  O  EDIR
- 008    GENTRAN:REALTIME INSTALLATION TEST             0  E  O  O  EDIR
- 091    OUTBOUND EDI DATABANK QUEUE FILE               0  D  O  N
- 092    GENTRAN:REALTIME SCHEDULED REPORTS            0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddtl
      PF7=Bwd  PF8=Fwd
    
```

Type an **s** in the A (Action Code) field to the left of Queue File 004 and press **PF5=Maint**.

The system displays the Queue Options Maintenance screen (EDIM303) for Queue file 004.

```

EDIM303 7.3 _____ QUEUE OPTIONS MAINTENANCE XXX 06/01/2011
                                           12:00:00

Queue File Number.....: 004      GENTRAN:CONTROL_INSTALLATION_TEST _____
                                QUEUE_FILE_004 _____
Status.....: E                    E=Enabled D=Disabled
Source.....: B                    O=Online write B=Batch write
Trace.....: D                    E=Enabled D=Disabled
                                Trigger Levels
Range (Low/High).....: 0000 / 0001 Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000      Doc Groups per Run...: 0001
Time Based Interval...: 0000      Minutes (with Low Range)
                                Initiation Actions
Action to Initiate....: N          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____ Stall Limit.....: 15
Online TransID.....: _____ Appl.Prog.....: _____
Exception Pgm.....: _____   TSQ Store Sw.....: _ A=Auxiliary M=Main
                                           C=TSQ Chaining

Error User Exit Pgm...: _____ Error Exit Data.: _____
                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Ext
      PF7=Prev PF8=Next PF9=Add PF10=Updt PF11=Del PF14=Ddt1
    
```

- ☐ Press **PF14=Ddt1** to display the Queue Options Debug Detail screen (EDIM306) for Queue file 004.

```

EDIM306 _____ QUEUE OPTIONS DEBUG DETAIL XXX 06/01/2011
                                           12:00:00

Queue File Number...: 004      GENTRAN:CONTROL INSTALLATION TEST
                                QUEUE FILE 004
                                Internal      Last      Last      Queue
                                TS Queue     Processed   Written   Created
Max Nbr Recs.....:          360          360
Pointer.....:              3              3              3
Date.....: 06/01/2011      06/01/2011      06/01/2011      06/01/2011
Time.....: 12:00:00        12:00:00        12:00:00        12:00:00
Acc Doc Counter...:          1              1              1
Action Counter....:          0
Action to Initiate Pointers
Save Ptr.....:
Save Doc Counter..:
Task Scan Ptr.....:
CKP Ptr.....:              3
CKP Doc Counter...:          1
Task Post Ind.....:

Enter PF1=Help PF2=Data PF3=Exit PF4=Options
    
```

- ☐ Press **PF3=Exit**.

You return to the Control Main Menu screen (EDIM300).

```

EDIM300 7.0_____ CONTROL MAIN MENU          XXX   06/01/2011
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  System Options Maintenance
          2.  Queue Directory
          3.  Queue Options Maintenance
          4.  Online Log Display
          5.  Separator Menu

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
    
```

- Type **4** in the selection field and press **Enter** to display the Online Log Display screen (EDIM304).

```

Select
EDIM304 7.4_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                                12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters====> Errors Only: _ Program Only: _____
Position      Task #      TranID      Time      Date      Max Count
Criteria====> _____      _____      _____      _____      0050

A  Task  Tran  Time  Date  Term  Program  Error Code
-  00103  EDIR  12:00:00  06/01/2011  EDIEOIG  EDI-10201-T 00
  ONLINE INPUT GATEWAY BEGINS . . . . . QUEUE: 002
-  00103  EDIR  12:00:00  06/01/2011  EDIEOIG  EDI-10202-T 00
  ONLINE INPUT GATEWAY ENDS . . . . . QUEUE: 002
-  00103  EDIR  12:00:00  06/01/2011  EDIEOQR  EDI-10502-T 00
  ONLINE QUEUE READ ENDS . . . . . QUEUE: 002
-  00107  EDIB  12:00:00  06/01/2011  EDIEOBI  EDI-10401-T 00
  ONLINE BATCH INITIATOR BEGINS . . . . . QUEUE: 003
-  00107  EDIB  12:00:00  06/01/2011  EDIEOBI  EDI-10402-T 00
  ONLINE BATCH INITIATOR ENDS . . . . . QUEUE: 003
-  00020  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
  ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd  PF8=Fwd
    
```

**Note:** The messages that display on your Online Log Display screen may be different than the messages in our example.

- Press **PF3=Exit**.

You return to the Control Main Menu screen (EDIM300).

```
EDIM300 7.0_____ CONTROL MAIN MENU          XXX  06/01/2011
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  System Options Maintenance
          2.  Queue Directory
          3.  Queue Options Maintenance
          4.  Online Log Display
          5.  Separator Menu

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
```

- Type **5** in the selection field for Separator Menu and press **Enter** to display the Separator Main Menu screen (EDIM934).

```
Select
EDIM934 7.5_____ SEPARATOR MAIN MENU        XXX  06/01/2011
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Separator Systems Options Maintenance
          2.  Priority Options Directory
          3.  Priority Options Maintenance
          4.  Separator Monitor

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.

The system displays the Separator Systems Options Maintenance screen (EDIM935).

```

EDIM935 7.5.1_____ SEPARATOR SYSTEMS OPTIONS MAINTENANCE   XXX 06/01/2011
                                                    12:00:00

Description.....: GENTRAN:CONTROL_SEPARATOR_SUBSYSTEM_____

X12 Interchange Program .....: EDIR931_   Key Usage Indicators
EDIFACT Interchange Program.....: EDIR932_   Test/Prod Use.....: Y
TRADACOMS Interchange Program.....: EDIR933_   Trn/Grp/Int Only..: T
User Interchange Program.....: EDISXIT_   Grp IDs Only.....: Y
Monitor Indicator/Store Sw.....: 1 / 1     Sndr/Rcvr Id Only.: Y
  Monitor Maintenance.....(630)...: _   DELETE PROCESSED DATA < TODAY'S DATE
  .....(631)...: _   DELETE ALL DATA < TODAY'S DATE
  .....(632)...: _   DELETE ALL DATA RECORDS
Trace Indicator.....: D           Router Parameters
Exception Program.....: EDIR852_   Max Start cnt.....: 10
TSQ Storage SW.....: M           Max Wait Time.....: 00 05

Error User Exit Program.....: _____
Error User Exit Data.....: _____
                        Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help           PF3=Exit PF4=Run Maint PF5=Dir
                        PF10=Updt
    
```

- From the Separator Systems Options Maintenance screen, press **PF5=Dir** to display the Priority Directory screen (EDIM936).

```

Select
EDIM936 7.5.2_____ PRIORITY OPTIONS DIRECTORY           XXX 06/01/2011
                                                    12:00:00

Starting Trans/Group id....: _____

A  Trans/  Sender ID           Qual  Version  Test I/G/T
   Group  Receiver ID         Qual  Description Prod  Ind

-                                     I
-                                     DEFAULT SEPARATION OPTI
- DELHDR                               P  T
-                                     TRADACOMS DELHDR TEST D
- INVOIC                               T  T
-                                     EDIFACT INVOIC TEST DAT
- 810                                  P  T
-                                     X12 810 TEST DATA
-

END OF FILE
Enter PF1=Help           PF3=Exit PF4=Option   PF5=Maint
                        PF7=Bwd  PF8=Fwd
    
```

- Type **s** in the A (Action Code) field to the left of the Trans/Group ID entry INVOIC and press **PF5=Maint**.

The system displays the Priority Options Maintenance screen (EDIM937).

```

EDIM937 7.5.3_____ PRIORITY OPTIONS MAINTENANCE XXX 06/01/2011
                                           12:00:00

** K E Y S **
Trans/Group ID.....: INVOIC
Sender ID / Qual.....: _____ / ____
Receiver ID / Qual.....: _____ / ____
Version.....: _____
Test/Prod Ind.....: T
Int/Grp/Trans Ind.....: T

Description.....: EDIFACT_INVOIC_TEST_DATA_____

System Image...: EDI Program Image...: EDI
Realtime Immediate Option.....: 204 GENTRAN:REALTIME (INBOUND)
Queue File Number.....: _____
User Application Program.....: _____
Basic Separator Split file.....: 003
Priority.....: 5
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Dir          PF5=QOpt          PF6=IOpt
      PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del
    
```

- From the Priority Options Maintenance screen, type **7.5.4** in the Jump Code field and press **Enter** to display the Separator Monitor screen (EDIM938).

```

EDIM938 7.5.4_____ SEPARATOR MONITOR XXX 06/01/2011
                                           12:00:00

Date...: _____ Time...: _____

Date      Time      Task #   Opt  User Pgm  Prty  Error Stat  Desc
First Record
00000000 00000000 0000000 D
NO DATA AVAILABLE

END OF FILE
Enter PF1=Help          PF3=Exit
      PF7=Bwd PF8=Fwd
    
```

- Press **PF3=Exit** three times to return to the Gentrans Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Sterling Gentran:Realtime

**Step 8** Verify the online Sterling Gentran:Realtime system installation.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- On the Sterling Gentran Main Menu, type **8** in the selection field (Sterling Gentran:Realtime Main Menu) and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

8_  1.  Partner Maintenance Menu
    2.  Standards Maintenance Menu
    3.  Databank Maintenance Menu
    4.  Administrative Maintenance
    5.  Mapping Maintenance Menu

    6.  GENTRAN:Plus Main Menu
    7.  GENTRAN:Control Main Menu
    8.  GENTRAN:Realtime Main Menu
    9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

The system displays the Sterling Gentran:Realtime Main Menu (EDIM800).

```

EDIM800 8.0 _____ GENTRAN:Realtime MAIN MENU  XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_   1.  System Maintenance
    2.  Online Log Display
    3.  Report Selection
    4.  Exception Processing Facility
    5.  GENTRAN:Realtime Activity

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.

The system displays the System Maintenance screen (EDIM801).

```

EDIM801 8.1 _____          SYSTEM MAINTENANCE          XXX  06/01/2011
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      1. System Options
      2. Immediate Directory
      3. Immediate Options
      4. Queue Directory
      5. Queue Options
      6. Schedule Directory
      7. Schedule Options
      8. Path Options Directory
      9. Path Options Maintenance
     10. Online Copy Maintenance
     11. Databank Parameter Maintenance
     12. Acknowledgment Parameter Maintenance

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff

```

- Type **2** in the select field and press **Enter** to display the Immediate Directory (EDIM810) screen.

```

Select
EDIM810 8.1.2 _____          IMMEDIATE DIRECTORY          XXX  06/01/2011
                                                12:00:00

Starting Immediate Number:  ____

A Opt/Path  Description
- 200 200  GENTRAN:REALTIME (OUTBOUND IVP TEST)  X12 TEST DATA
- 201 201  GENTRAN:REALTIME (OUTBOUND IVP TEST)  EDIFACT TEST DATA
- 202 202  GENTRAN:REALTIME (OUTBOUND IVP TEST)  TRADACOMS TEST DATA
- 203 203  GENTRAN:REALTIME (INBOUND IVP TEST)   X12 TEST DATA
- 204 204  GENTRAN:REALTIME (INBOUND IVP TEST)   EDIFACT TEST DATA
- 205 205  GENTRAN:REALTIME (INBOUND IVP TEST)   TRADACOMS TEST DATA
- 206 206  GENTRAN:REALTIME (DEFERRED IVP TEST)  X12 TEST DATA
- 214 414  GENTRAN:REALTIME (DEFERRED IVP TEST)  OUTBOUND EDI EXTRACT PROCE
-
-

END OF IMMEDIATE REQUESTS
Enter PF1=Help          PF3=Exit          PF5=Maint          PF6=Path Opt
PF7=Bwd  PF8=Fwd

```

- Press **PF3=Exit**.



You return to the System Maintenance screen (EDIM801).

```

EDIM801 8.1_____ SYSTEM MAINTENANCE XXX 06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      1. System Options
      2. Immediate Directory
      3. Immediate Options
      4. Queue Directory
      5. Queue Options
      6. Schedule Directory
      7. Schedule Options
      8. Path Options Directory
      9. Path Options Maintenance
     10. Online Copy Maintenance
     11. Databank Parameter Maintenance
     12. Acknowledgment Parameter Maintenance

Enter PF1=Help      PF3=Exit

                                           PF15=Logoff
    
```

Type **4** in the select field and press **Enter** to display the Queue Directory screen (EDIM302).

```

Select
EDIM302 8.1.4_____ QUEUE DIRECTORY XXX 06/01/2011
                                           12:00:00

Starting Queue File Number: ____

A Queue Description # of Docs Stat Src Act Trans
- 001 GENTRAN:CONTROL INSTALLATION TEST 0 E O B OB
- 002 GENTRAN:CONTROL INSTALLATION TEST 0 E B O EDIR
- 003 GENTRAN:CONTROL INSTALLATION TEST 0 E B B IB
- 004 GENTRAN:CONTROL INSTALLATION TEST 0 E B N
- 005 GENTRAN:REALTIME INSTALLATION TEST 0 E O O EDIR
- 006 GENTRAN:REALTIME INSTALLATION TEST 0 E O N
- 007 GENTRAN:REALTIME INSTALLATION TEST 0 E O O EDIR
- 008 GENTRAN:REALTIME INSTALLATION TEST 0 E O O EDIR
- 091 OUTBOUND EDI DATABANK QUEUE FILE 0 D O N
- 092 GENTRAN:REALTIME SCHEDULED REPORTS 0 E O B RPT

Enter PF1=Help PF2=Data PF3=Exit PF4=SysOpts PF5=Maint PF6=Ddt1
      PF7=Bwd PF8=Fwd
    
```

Press **PF3=Exit**.

You return to the System Maintenance screen (EDIM801).

```

EDIM801 8.1_____          SYSTEM MAINTENANCE          XXX  06/01/2011
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      1.  System Options
      2.  Immediate Directory
      3.  Immediate Options
      4.  Queue Directory
      5.  Queue Options
      6.  Schedule Directory
      7.  Schedule Options
      8.  Path Options Directory
      9.  Path Options Maintenance
     10.  Online Copy Maintenance
     11.  Databank Parameter Maintenance
     12.  Acknowledgment Parameter Maintenance

Enter PF1=Help          PF3=Exit

                                                PF15=Logoff
    
```

- On the System Maintenance screen, type **6** in the select field and press **Enter** to display the Schedule Directory screen (EDIM820).

```

Select
EDIM820 8.1.6_____          SCHEDULE DIRECTORY          XXX  06/01/2011
                                                12:00:00

Starting Schedule Number:  ____

A   Number  Description                               Status  Init  JCL/
-   -       -
-   400     OUTBOUND INSTALLATION SCHEDULE TEST      D       O     EDIT
-   401     BATCH SUBMISSION INSTALLATION TEST      D       B     SB
-   402     SEPARATOR / MONITOR FILE MAINTENANCE    D       O     EDI1
-   403     OUTBOUND APPL. DATABANK MAINTENANCE     D       O     EDI3
-   404     OUTBOUND EDI DATABANK MAINTENANCE       D       O     EDI4
-   405     INBOUND EDI DATABANK MAINTENANCE        D       O     EDI5
-   406     INBOUND APPL. DATABANK MAINTENANCE      D       O     EDI6
-   407     ACKNOWLEDGEMENT MONITOR SCHEDULE        D       O     EDI7
-   411     CONNECT BATCH NUMBER UPDATE            D       O     EDI0
-   414     OUTBOUND EDI DATABANK EXTRACT SCHEDUL  D       O     EDIE

Enter PF1=Help          PF3=Exit          PF5=Maint
      PF7=Bwd  PF8=Fwd
    
```

- Press **Home** to move the cursor to the Jump Code field, type **EXIT**, and press **Enter** to exit the Sterling Gentran system.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

---

## Outbound Processing

Perform the installation verification steps in this section to ensure that the outbound processing is installed properly.

### Test Outbound X12 Immediate Option

**Step 9** Test the outbound X12 immediate option.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITO**b**200**b**** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 200, which uses Path Option 200. Immediate Option 200 processes outbound X12 test data. Other steps in this chapter will verify test data for the EDIFACT and TRADACOMS message standards.

The following message will display:

```
BEGINNING PROCESSING      DATE:  YY-MM-DD  TSQNAME:  XXXXXXXX
```

When the transaction is complete, the following message will replace the original display:

```
TRANSFERRING TO EDIR101      RECORD CNT:    00000068
RETURNED FROM EDIR101      SUCCESSFUL COMPLETION
RETURN CODE:      00      EDI-20101I 00SUCCESSFUL LINK TO
PROGRAM : EDIRTOUT STATUS CODE: 00 ERROR LVL: 0STARTING TIME: HH:MM:SS ENDING
TIME: HH:MM:SS DIFFERENCE: SSS.SSS IN SECONDS.
```

Verify the results of the test by performing the following tasks:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **8** to select Sterling Gentran:Realtime Main Menu and press **Enter**. The system displays the Sterling Gentran:Realtime Main Menu.
- Type **2** to select Online Log Display and press **Enter**.



- Select each of the four reports (**EDI42S**, **EDI42E**, **EDI02E**, and **EDI02S**) by moving the cursor to the A (Action Code) field to the left of each report, typing **s**, and pressing **PF5=Action** to display the Report Display screen.

Following are examples of the first screen that is displayed for each report along with the complete report. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- After viewing each report, press **PF3=Exit** to return to the Report Selection screen.
- After verifying all four reports, exit the Sterling Gentran:Realtime system by pressing **Home**, typing **EXIT** in the Jump Code field and pressing **Enter**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Sample Sterling Gentran:Realtime EDI Report Display screen for EDI42E

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI42E
Search.: _____ Line Increment: ____ Job Name: _____
EDIR042   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING O+
ERROR  **RECORD**           FIELD SEG  ELE
NUMBR   NBR ID             SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
**** APPLICATION DEFINITION - POFILE - LOADED ****
**** TRANSACTION DEFINITION - ANSI4030PO - LOADED ****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                                APPLICATION RECORDS READ ----- 68
                                                APPLICATION RECORDS SUSPENDED - 0
                                                TOTAL RECORDS WRITTEN ----- 136
                                                RETURN CODE FOR MAPPING ----- 0

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top   PF13=Bot

```

### Sample Sterling Gentran:Realtime EDI42E Report

```

EDIR042   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING OUTGOING DATA   PAGE 1
ERROR  **RECORD**           FIELD SEG  ELE
NUMBR   NBR ID             SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
**** APPLICATION DEFINITION - POFILE - LOADED ****
**** TRANSACTION DEFINITION - ANSI4030PO - LOADED ****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                                APPLICATION RECORDS READ ----- 68
                                                APPLICATION RECORDS SUSPENDED - 0
                                                TOTAL RECORDS WRITTEN ----- 136
                                                RETURN CODE FOR MAPPING ----- 0

```

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI42S

```
EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY XXX 06/01/2011
                                                    12:00:00

Task ID: 0000001 Process Name: EDI42S
Search.: _____ Line Increment: ____ Job Name: _____
EDIR042 RUN 06/01/2011 TIME 12:00 PROCESSING OPTIONS FOR MAPPI+
PROGRAM EDIR042 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID152 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID043 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID045 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDIR056 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
APPLICATION TO PROCESS-----POFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
PARTNER PROFILE MODE-----PARTNER/QUALIFIER MODE
PARTNER PROCESSING SEQUENCE-----SEARCH PARTNER FILE

Enter PF1=Help PF2=Sum PF3=Exit PF5=Print PF6=NxtEr
      PF7=Bwd PF8=Fwd PF10=Left PF11=Rgt PF12=Top PF13=Bot
```

Sample Sterling Gentran:Realtime EDI42S Report

```

EDIR042  RUN 06/01/2011    TIME 12:00    PROCESSING OPTIONS FOR MAPPING OUTGOING DATA    PAGE    1
PROGRAM EDIR042  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDID152  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDID043  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDID045  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDIR056  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
APPLICATION TO PROCESS-----POFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
PARTNER PROFILE MODE-----PARTNER/QUALIFIER MODE
PARTNER PROCESSING SEQUENCE-----SEARCH PARTNER FILE
DIRECTORY POSTING OPTION-----POST RECEIVER ONLY
USE MULTIPLE ENVELOPE ID -----N
USE INTERCHANGE PARTNER WITH VERSION----N
USE GROUP PARTNER WITH VERSION-----N
USE TRANSACTION PARTNER WITH VERSION----N
ENVELOPE GENERATION OPTION-----MAPPER GENERATES ENVELOPES
EDIR042  RUN 06/01/2011    TIME 12:00    PROCESSING OPTIONS FOR ENVELOPE GENERATION    PAGE    1
NO ENVELOPE PARAMETERS SPECIFIED -----
GENTRAN:REALTIME PARAMETERS-----ENABLED
REALTIME PROCESSING OPTION-----200
REALTIME PROCESSING PATH-----200
REALTIME PRINT REPORT SWITCH-----NO
EDIR042  RUN 06/01/2011    TIME 12:00    SUMMARY CONTROL COUNTS MAPPING OUTGOING DATA    PAGE    1
PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
SEQUENTIAL INPUT DOCUMENTS READ -----          4
SEQUENTIAL INPUT RECORDS READ -----          68
SEQUENTIAL INPUT CHARACTERS READ -----        17,000
DOCUMENTS STORED ON DATA BANK -----           4
RECORDS STORED ON DATA BANK -----          68
DOCUMENTS REPROCESSED -----                   0
RECORDS REPROCESSED -----                   0
CHARACTERS REPROCESSED -----                 0
DOCUMENTS SUSPENDED -----                   0
RECORDS SUSPENDED -----                   0
CHARACTERS SUSPENDED -----                 0
EDI DOCUMENTS GENERATED -----              4
EDI PACKAGES GENERATED -----              0
TOTAL RECORDS WRITTEN -----                136
NUMBER OF APPLICATIONS PROCESSED -----       1
NUMBER OF MAP DEFINITIONS PROCESSED ---       1
NUMBER OF TRADING PARTNERS PROCESSED --       4
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
**** END OF SUMMARY REPORT ***
    
```

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI02E

```
EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00
```

```
Task ID: 0000001 Process Name: EDI02E
```

```
Search.: _____ Line Increment: _____ Job Name: _____
```

```
EDIR002   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING +
```

```
ERROR RECORD SEG ELT/COMP
```

```
NUMBR NUMBER ID  NBR   INFORMATION          ERROR MESSAGE
```

```
*** DATABANK ***** RUN #   = 00000001
```

```
NO ERRORS OCCURRED DURING PROCESSING
```

```
PROCESSING ENDED NORMALLY
```

```
* * * END OF REPORT * * *
```

```
END OF ONLINE REPORTS
```

```
Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
```

```
PF7=Bwd  PF8=Fwd           PF10=Left PF11=Rgt PF12=Top  PF13=Bot
```

## Sample Sterling Gentran:Realtime EDI02E Report

```
EDIR002   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING OUTGOING DATA   PAGE   1
```

```
ERROR RECORD SEG ELT/COMP
```

```
NUMBR NUMBER ID  NBR   INFORMATION          ERROR MESSAGE
```

```
*** DATABANK ***** RUN #   = 00000001
```

```
NO ERRORS OCCURRED DURING PROCESSING
```

```
PROCESSING ENDED NORMALLY
```

```
* * * END OF REPORT * * *
```



## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI02S

```
EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY XXX 06/01/2011
12:00:00
```

```
Task ID: 0000001 Process Name: EDI02S
```

```
Search.: _____ Line Increment: ____ Job Name: _____
```

```
EDIR002 RUN 06/01/2011 TIME 12:00 RUNTIME GLOBAL PARAMETER OVE+
EDIR002 RUN 06/01/2011 TIME 12:00 SYSTEM CONFIGURATION OPTIONS+
```

```
INTCHG VERSION = N
```

```
GROUP VERSION = N
```

```
TRANSACTION VERSION = N
```

```
TRADING PROFILE MODE PARTNER QUALIFIER
```

```
MULTIPLE ENVELOPE DISABLED
```

```
EDIR002 RUN 06/01/2011 TIME 12:00 GLOBAL PARAMETER LIST +
```

```
VERIFY PARTNER INTERCHANGE OFF
```

```
VERIFY PARTNER GROUP OFF
```

```
VERIFY PARTNER TRANSACTION OFF
```

```
ERROR REPORT ALWAYS
```

```
ICS TABLES OFF
```

```
CODE CHECK ON
```

```
Enter PF1=Help PF2=Sum PF3=Exit PF5=Print PF6=NxtEr
```

```
PF7=Bwd PF8=Fwd PF10=Left PF11=Rgt PF12=Top PF13=Bot
```

Sample Sterling Gentran:Realtime EDI02S Report

```

EDIR002  RUN 06/01/2011  TIME 12:00  RUNTIME GLOBAL PARAMETER OVERRIDES  PAGE 1
EDIR002  RUN 06/01/2011  TIME 12:00  SYSTEM CONFIGURATION OPTIONS  PAGE 2
INTCHG VERSION = N
GROUP VERSION = N
TRANSACTION VERSION = N
TRADING PROFILE MODE PARTNER QUALIFIER
MULTIPLE ENVELOPE DISABLED
EDIR002  RUN 06/01/2011  TIME 12:00  GLOBAL PARAMETER LIST  PAGE 3
VERIFY PARTNER INTERCHANGE OFF
VERIFY PARTNER GROUP OFF
VERIFY PARTNER TRANSACTION OFF
ERROR REPORT ALWAYS
ICS TABLES OFF
CODE CHECK ON
PARTNER DATABANK OFF
COMPRESS TRANSMISSION
OUTPUT FILE LENGTH 080
GS SENDER/RECEIVER QUALIFIER INTERCHANGE
OUTBOUND EDI INTERCHANGE FULL
OUTBOUND EDI GROUP DIRECTORY
OUTBOUND EDI TRANSACTION DIRECTORY
EDIR002  RUN 06/01/2011  TIME 12:00  SUMMARY CONTROL COUNTS PROCESSING OUTGOING DATA  PAGE 4
PROGRAM EDIR002 COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDID252 COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
OVERALL INPUTS AND OUTPUTS SUMMARY
INTERCHANGES READ ----- 4  INTERCHANGES STORED ON DATA BANK ----- 4
GROUPS READ ----- 4  REJECTED INTERCHANGES ON DATA BANK ----- 0
TRANSACTIONS READ ----- 4  GROUPS STORED ON DATA BANK ----- 4
SEGMENTS READ ----- 124  REJECTED GROUPS ON DATA BANK ----- 0
RECORDS READ ----- 136  TRANSACTIONS STORED ON DATA BANK ----- 4
CHARACTERS READ ----- 4,037  REJECTED TRANSACTIONS ON DATA BANK ----- 0
INTERCHANGES WRITTEN ----- 4  SEGMENTS STORED ON DATA BANK ----- 124
INTERCHANGES REJECTED ----- 0  CHARACTERS STORED ON DATA BANK ----- 4,000
INTERCHANGES SUSPENDED ----- 0  RECORDS STORED ON DATA BANK ----- 50
GROUPS WRITTEN ----- 4
GROUPS SUSPENDED ----- 0
TRANSACTIONS WRITTEN ----- 4
TRANSACTIONS REJECTED ----- 0
TRANSACTIONS SUSPENDED ----- 0
SEGMENTS WRITTEN ----- 124
CHARACTERS WRITTEN (WRAPPED OUTPUT) ----- 3,808
SEGMENTS SUSPENDED ----- 0
MISCELLANEOUS OUTPUT SUMMARY
TOTAL PASS-THRU WRITTEN ----- 0
DIRECTION PASS-THRU WRITTEN ----- 0
ERROR REJECTION PASS-THRU WRITTEN ----- 0
TOTAL RECORDS WRITTEN ----- 50
TOTAL PACKAGES WRITTEN ----- 0
EDITOR PATH USED ----- 999
REALTIME PROCESSING OPTION ----- 200
REALTIME PROCESSING PATH ----- 200
REALTIME PRINT REPORT SWITCH ----- NO

***** END OF JOB*****
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
    
```

**Test Outbound EDIFACT Immediate Option**

**Step 10** Test the outbound EDIFACT immediate option. This is an optional test.

**(Optional)** If you will not be processing EDIFACT data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITO~~b~~2011** (where ~~b~~ indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 201, which uses Path Option 201. Immediate Option 201 processes outbound EDIFACT test data. The input data for this test is contained in the **EDIAPPL1** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and TRADACOMS message standards.

The results of this test will be similar to the outbound X12 immediate option test in **Step 9**. Specific samples of the EDIFACT test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Test Outbound TRADACOMS Immediate Option**

**Step 11** Test the outbound TRADACOMS immediate option. This is an optional test.

**(Optional)** If you will not be processing TRADACOMS data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITOb2022** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 202, which uses Path Option 202. Immediate Option 202 processes outbound TRADACOMS test data. The input data for this test is contained in the **EDIAPPL2** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and EDIFACT message standards.

The results of this test will be similar to the outbound X12 immediate option test in **Step 9**. Specific samples of the TRADACOMS test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Test Outbound Deferred Enveloping Immediate Option**

**Step 12** Test the outbound Deferred Enveloping immediate option. This is an optional test.

**(Optional)** If you will not be processing using Deferred Enveloping, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITO~~b~~206** (where ~~b~~ indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 206, which uses Path Option 206. Immediate Option 206 processes outbound X12 test data.

The results of this test will be similar to the outbound X12 immediate option test in **Step 9**. Because the data for this test is the same data that was used for the Outbound X12 Immediate Option Test, the Outbound Mapper will complete with a condition code of 04, indicating that the data is duplicated. Specific samples of the Deferred Enveloping test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Inbound Processing

Perform the installation verification steps in this section to ensure that the inbound processing is installed properly.

### Test Inbound X12 Immediate Option

**Step 13** Test the inbound X12 immediate option.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITI~~b~~203~~b~~** (where ~~b~~ indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 203, which uses Path Option 203. Immediate Option 203 processes inbound X12 test data. Other steps in this chapter verify test data for the EDIFACT and TRADACOMS message standards.

```
BEGINNING PROCESSING      DATE:  YY-MM-DD  TSQNAME:  XXXXXXXX
```

When the transaction is complete, the following message will replace the original display:

```
TRANSFERRING TO EDIR103      RECORD CNT:    00000080
RETURNED FROM EDIR103      SUCCESSFUL COMPLETION
RETURN CODE:      00      EDI-20103I 00SUCCESSFUL LINK TO
PROGRAM : EDIRTOUT STATUS CODE: 00 ERROR LVL: 0 STARTING TIME: HH:MM:SS ENDING
TIME: HH:MM:SS DIFFERENCE: SSS.SSS IN SECONDS.
```

Verify the results of the test by performing the following tasks:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **8** to select the Sterling Gentran:Realtime Main Menu and press **Enter**. The system displays the Sterling Gentran:Realtime Main Menu.
- Type **2** to select the Online Log Display and press **Enter**.



- Select each of the five reports (**EDI01S**, **EDI01E**, **ACKFMT**, **EDI41E**, and **EDI41S**) by moving the cursor to the A (Action Code) field to the left of each report, typing an **S**, and pressing **PF5=Action** to display the Report Display screen.

Following are examples of the first screen that is displayed for each report and the complete report. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- After viewing each report, press **PF3=Exit** to return to the Report Selection screen.
- After verifying all five reports, exit the Sterling Gentran:Realtime system by pressing **Home**, typing **EXIT** in the Jump Code field and pressing **Enter**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Sample Sterling Gentran:Realtime EDI Report Display screen for EDI01S

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY      XXX  06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI01S
Search.: _____ Line Increment: ____ Job Name: _____

  EDIR001      RUN 06/01/2011      TIME 12:00      RUNTIME GLOBAL PARAMETER OVE+
  EDIR001      RUN 06/01/2011      TIME 12:00      SYSTEM CONFIGURATION OPTIONS+
INTCHG VERSION      = N
GROUP VERSION       = N
TRANSACTION VERSION = N
TRADING PROFILE MODE PARTNER QUALIFIER
MULTIPLE ENVELOPE DISABLED
  EDIR001      RUN 06/01/2011      TIME 12:00      GLOBAL PARAMETER LIST      +
VERIFY PARTNER INTERCHANGE      OFF
VERIFY PARTNER GROUP      OFF
VERIFY PARTNER TRANSACTION      OFF
VERIFY RECEIVER INTERCHANGE      OFF
VERIFY RECEIVER GROUP      OFF
ERROR REPORT ALWAYS

Enter PF1=Help PF2=Sum      PF3=Exit      PF5=Print      PF6=NxtEr
      PF7=Bwd  PF8=Fwd      PF10=Left PF11=Rgt PF12=Top  PF13=Bot

```



Sample Sterling Gentran:Realtime EDI01S report

```

EDIR001    RUN 06/01/2011    TIME 12:00    RUNTIME GLOBAL PARAMETER OVERRIDES    PAGE    1
EDIR001    RUN 06/01/2011    TIME 12:00    SYSTEM CONFIGURATION OPTIONS          PAGE    2
INTCHG VERSION      = N
GROUP VERSION       = N
TRANSACTION VERSION = N
TRADING PROFILE MODE PARTNER QUALIFIER
MULTIPLE ENVELOPE DISABLED
EDIR001    RUN 06/01/2011    TIME 12:00    GLOBAL PARAMETER LIST                  PAGE    3
VERIFY PARTNER INTERCHANGE    OFF
VERIFY PARTNER GROUP          OFF
VERIFY PARTNER TRANSACTION    OFF
VERIFY RECEIVER INTERCHANGE   OFF
VERIFY RECEIVER GROUP         OFF
ERROR REPORT ALWAYS
OUTPUT MESSAGE ON
DIRECTED OUTPUT FILES
ICS TABLES OFF
CODE CHECK ON
BG PARTNER YES
PARTNER ACKNOWLEDGEMENT
PARTNER DATABANK OFF
GS SENDER/RECEIVER QUALIFIER SPACES
INBOUND EDI INTERCHANGE FULL
INBOUND EDI GROUP DIRECTORY
INBOUND EDI TRANSACTION DIRECTORY
PARTNER SEQUENCE OFF
EDIR001    RUN 06/01/2011    TIME 12:00    SUMMARY CONTROL COUNTS PROCESSING INCOMING DATA    PAGE    4
PROGRAM EDIR001  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDID352  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6

PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
OVERALL INPUTS AND OUTPUTS SUMMARY
INTERCHANGES READ ----- 1
GROUPS READ ----- 1
TRANSACTIONS READ ----- 6
SEGMENTS READ ----- 226
RECORDS READ ----- 80
CHARACTERS READ ----- 6,392
INTERCHANGES WRITTEN ----- 1
INTERCHANGES REJECTED ----- 0
INTERCHANGES SUSPENDED ----- 0
GROUPS WRITTEN ----- 1
GROUPS REJECTED ----- 0
GROUPS SUSPENDED ----- 0
TRANSACTIONS WRITTEN ----- 6
TRANSACTIONS REJECTED ----- 0
TRANSACTIONS SUSPENDED ----- 0
SEGMENTS WRITTEN ----- 226
PACKAGES WRITTEN ----- 0
CHARACTERS WRITTEN (EXPANDED OUTPUT)--- 8,435
MISCELLANEOUS OUTPUT SUMMARY
SEGMENTS SUSPENDED----- 0
NON-EDI RECORDS SUSPENDED----- 0
ERROR RECORDS WRITTEN----- 0
TOTAL PASS-THRU WRITTEN----- 0
DIRECTION PASS-THRU WRITTEN ----- 0
ERROR REJECTION PASS-THRU WRITTEN ----- 0
TOTAL RECORDS WRITTEN----- 244
GENERATED ACKNOWLEDGEMENT SUMMARY
TOTAL ACK. INFORMATION GENERATED ----- 11
DATABANK RUN NUMBER ----- 00000001
EDITOR PATH USED ----- 000
REALTIME PROCESSING OPTION----- 203
REALTIME PROCESSING PATH----- 203
REALTIME PRINT REPORT SWITCH----- NO

PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
* * * END OF REPORT * * *
    
```

**Sample Sterling Gentran:Realtime EDI Report Display screen for EDI01E**

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI01E
Search.: _____ Line Increment: ____ Job Name: _____

EDIR001   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING +
ERROR RECORD SEG ELT/COMP/REPEAT
NUMBR NUMBER ID  NBR   INFORMATION          ERROR MESSAGE

*** DATABANK ***** RUN #   = 00000001

NO COMPLIANCE ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY.

* * * END OF REPORT * * *
*****+

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top   PF13=Bot
    
```

**Sample Sterling Gentran:Realtime EDI01E report**

```

EDIR001   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING INCOMING DATA   PAGE   1
ERROR RECORD SEG ELT/COMP/REPEAT
NUMBR NUMBER ID  NBR   INFORMATION          ERROR MESSAGE

*** DATABANK ***** RUN #   = 00000001

NO COMPLIANCE ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY.

* * * END OF REPORT * * *
*****
    
```

## Sample Sterling Gentran:Realtime EDI Report Display screen for ACKFMT

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: ACKFMT
Search.: _____ Line Increment: ____ Job Name: _____

  EDIR110    RUN  06/01/11    TIME 12:00    GENTRAN:REALTIME ACKNOWLEDGEME+
PROGRAM EDIR110  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
  INTCHG          REPORT
  NUMBER          COUNT
    01              11
PARTNER: VENDOR-1
  INTRCHG: ISA*00*          *00*          *ZZ*6147937000    *ZZ*5136666666 +

TOTALS
TOTAL ACK INTS READ:                1
TOTAL ACK SEGS READ:                11
TOTAL ACK SEGS WRITTEN:            11

Enter PF1=Help PF2=Sum   PF3=Exit          PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top  PF13=Bot

```

## Sample Sterling Gentran:Realtime ACKFMT report

```

EDIR110    RUN  06/01/11    TIME 12:00    GENTRAN:REALTIME ACKNOWLEDGEMENT REFORMAT   PAGE   1
PROGRAM EDIR110  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
  INTCHG          REPORT
  NUMBER          COUNT
    01              11
PARTNER: VENDOR-1
  INTRCHG: ISA*00*          *00*          *ZZ*6147937000    *ZZ*5136666666    *031201*1200*:*00403*000000001*0*P*>?

TOTALS
TOTAL ACK INTS READ:                1
TOTAL ACK SEGS READ:                11
TOTAL ACK SEGS WRITTEN:            11

```

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI41E

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                    12:00:00

Task ID: 0000001 Process Name: EDI41E
Search.: _____ Line Increment: _____ Job Name: _____
EDIR041   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING I+
ERROR   **RECORD**   FIELD SEG ELE
NUMBR   NBR ID   SEQ # ID SEQ INFORMATION   ERROR MESSAGE
***** APPLICATION DEFINITION - INVFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030IN - LOADED *****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                EDI RECORDS READ ----- 244
                                EDI RECORDS SUSPENDED ----- 0
                                APPLICATION RECORDS WRITTEN ---- 114
                                RETURN-CODE FOR MAPPING ----- 0

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit   PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top  PF13=Bot

```

## Sample Sterling Gentran:Realtime EDI41E report.

```

EDIR041   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING INCOMING DATA   PAGE   1
ERROR   **RECORD**   FIELD SEG ELE
NUMBR   NBR ID   SEQ # ID SEQ INFORMATION   ERROR MESSAGE
***** APPLICATION DEFINITION - INVFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030IN - LOADED *****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                EDI RECORDS READ ----- 244
                                EDI RECORDS SUSPENDED ----- 0
                                APPLICATION RECORDS WRITTEN ---- 114
                                RETURN-CODE FOR MAPPING ----- 0

```

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI41S

```
EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00
```

```
Task ID: 0000001 Process Name: EDI41S
```

```
Search.: _____ Line Increment: ____ Job Name: _____
```

```
EDIR041   RUN 06/01/2011   TIME 12:00   PROCESSING OPTIONS FOR MAPPI+
PROGRAM EDIR041   COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDID452   COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDIR043   COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDIR044   COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
```

```
APPLICATION TO PROCESS-----INVFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
RIGHT JUSTIFY ALL APPLICATION REALS-----N
HANDLE FLOATING NOTES WITHIN A SECTION--Y
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
DIRECTORY POSTING OPTION-----POST SENDER ONLY
```

```
Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print       PF6=NxtEr
      PF7=Bwd  PF8=Fwd           PF10=Left PF11=Rgt PF12=Top    PF13=Bot
```

## Sample Sterling Gentran:Realtime EDI41S report

```

EDIR041 RUN06/01/2011 TIME 12:00 PROCESSING OPTIONS FOR MAPPING INCOMING DATA PAGE 1
PROGRAM EDIR041 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID452 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDIR043 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDIR044 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
APPLICATION TO PROCESS-----INVFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
RIGHT JUSTIFY ALL APPLICATION REALS-----N
HANDLE FLOATING NOTES WITHIN A SECTION--Y
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
DIRECTORY POSTING OPTION-----POST SENDER ONLY
PARTNER PROFILE MODE-----PARTNER/QUALIFIER MODE
PRINT PARTNER NAME -----N
WRITE APPLICATION RECORDS-----Y
REALTIME PROCESSING OPTION-----203
REALTIME PROCESSING PATH-----203
REALTIME PRINT REPORT SWITCH-----NO
BUSINESS DOCUMENT TRACKING-----N
SUPPORT SINGLE QUOTE -----N
VERIFY PARTNER SPECIFIC MAP VERSION-----N
EDIR041 RUN06/01/2011 TIME 12:00 SUMMARY CONTROL COUNTS MAPPING INCOMING DATA PAGE 1
PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
INTERCHANGES READ ----- 1
GROUPS READ ----- 1
TRANSACTIONS READ ----- 6
SEGMENTS READ ----- 210
CHARACTERS READ ----- 25,058
DOCUMENTS STORED ON DATA BANK ----- 6
RECORDS STORED ON DATA BANK ----- 114
APPLICATION DOCUMENTS WRITTEN ----- 6
APPLICATION RECORDS WRITTEN ----- 114
APPLICATION CHARACTERS WRITTEN ----- 9,120
DOCUMENTS SUSPENDED ----- 0
RECORDS SUSPENDED ----- 0
CHARACTERS SUSPENDED ----- 0
NUMBER OF APPLICATIONS PROCESSED ----- 1
NUMBER OF MAP DEFINITIONS PROCESSED --- 1
NUMBER OF TRADING PARTNERS PROCESSED -- 1
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
**** END OF SUMMARY REPORT ****

```

**Test Inbound EDIFACT Immediate Option**

**Step 14** Test the inbound EDIFACT immediate option. This is an optional test.

**(Optional)** If you will not be processing EDIFACT data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITI $\theta$ 2041** (where  $\theta$  indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 204, which uses Path Option 204. Immediate Option 204 processes inbound EDIFACT test data. The input for this test is contained in the **EDIDAT1** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and TRADACOMS message standards.

The results of this test will be similar to the inbound X12 immediate option test in **Step 13**. Specific samples of the EDIFACT test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Test Inbound TRADACOMS Immediate Option**

**Step 15** Test the inbound TRADACOMS immediate option. This is an optional test.

**(Optional)** If you will not be processing TRADACOMS data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITI**b**2052** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 205, which uses Path Option 205. Immediate Option 205 processes inbound TRADACOMS test data. The input data for this test is contained in the **EDIDAT2** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and EDIFACT message standards.

The results of this test will be similar to the inbound X12 immediate option test in **Step 13**. Specific samples of the TRADACOMS test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



## Queue File Processing

Perform the installation verification steps in this section to ensure that the queue file processing feature is installed properly.

### Verify Queue Files

**Step 16** Verify that the queue files are set up with correct trigger levels.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **8** to select the Sterling Gentran:Realtime Main Menu and press **Enter**.
- On the Sterling Gentran:Realtime Main Menu, type **1** to select System Maintenance and press **Enter**.
- On the System Maintenance menu, type **5** to select Queue Options Maintenance and press **Enter**. The system displays the Queue Options Maintenance screen.

```

EDIM303 8.1.5_____          QUEUE OPTIONS                XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 001          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                         QUEUE_FILE_001_____
Status.....: E                      E=Enabled D=Disabled
Source.....: O                      O=Online write B=Batch write
Trace.....: D                      E=Enabled D=Disabled
      Trigger Levels
Range (Low/High).....: 0000 / 0001   Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time...: 0000         Doc Groups per Run...: 0001
Time Based Interval...: 0000       Minutes (with Low Range)
                                         EXT or SCH or Minutes
      Initiation Actions
Action to Initiate....: B           B=Batch Job O=Online Trans N=None
Batch JCL Name.....: OB_          Stall Limit.....: 15
Online TransID.....: _____   Appl.Prog.....: _____
Path Option ID.....: _____   Active Path.....: _____
Exception Pgm.....: _____   TSQ Store Sw.....: _ A=Auxiliary M=Main
                                                C=TSQ Chaining

Error User Exit Program: _____   Error User Exit Data: _____
      Last Update Date: 00/00/00   Time: 00:00:00   User: SCI

Enter PF1=Help PF2=Data   PF3=Exit PF4=Dir           PF5=Ext           PF6=Path Opt
      PF7=Bwd  PF8=Fwd   PF9=Add PF10=Updt PF11=Del       PF14=Ddtl

```

- If the Queue file does not contain 0001 in the Trigger Levels Range High field, change the value to 0001 and press **PF10=Updt** to save the change.

- Press **PF8=Fwd** to review queue files 001 through 008 to verify that the files have a high document trigger level of 0001 entered in the Trigger Levels Range High field.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Test Sterling Gentran:Realtime Queue Files

**Step 17** Test Sterling Gentran:Realtime queue file processing.

*Typically performed by:* System Installer

This test requires three executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds, so the test will take 4 – 6 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

You can monitor the execution of the Online Scanner/Initiator on the Online Log Display screen (EDIM304). The time it was started, the last time it executed, and the scan interval are shown.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:           Last: 12:00:00 Scan: 0120
Filters==> Errors Only:  _ Program: _____
Position      Task #    TranID      Time          Date          Max Count
Criteria==>   _____ _____ _____
A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
-   ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-
-
-
Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITQ**, and press **Enter**. This transaction will write the outbound X12 test data to queue file 005.

The following message will display:

```
BEGINNING PROCESSING      DATE: YY-MM-DD TSQNAME: XXXXXXXXX
```

When the transaction is complete, the following message will replace the original display:

```
RETURNED FROM EDIEOOG
RETURN CODE: 00
```

```
STARTING TIME: HH:MM:SS  ENDING
TIME: HH:MM:SS  DIFFERENCE: SSS.SSS IN SECONDS.
```

After the transaction completes, the Queue Directory screen (EDIM302) will show one document in queue file 005 to be processed.

```

Select
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX  06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
          Description                                     Docs Stat Src Act Trans
- 001    GENTRAN:CONTROL INSTALLATION TEST              0  E  O  B  OB
- 002    GENTRAN:CONTROL INSTALLATION TEST              0  E  B  O  EDIR
- 003    GENTRAN:CONTROL INSTALLATION TEST              0  E  B  B  IB
- 004    GENTRAN:CONTROL INSTALLATION TEST              0  E  B  N
- 005    GENTRAN:REALTIME INSTALLATION TEST             1  E  O  O  EDIR
- 006    GENTRAN:REALTIME INSTALLATION TEST              0  E  O  N
- 007    GENTRAN:REALTIME INSTALLATION TEST              0  E  O  O  EDIR
- 008    GENTRAN:REALTIME INSTALLATION TEST              0  E  O  O  EDIR
- 091    OUTBOUND EDI DATABANK QUEUE FILE                0  D  O  N
- 092    GENTRAN:REALTIME SCHEDULED REPORTS             0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 005 and will initiate transaction **EDIR** to invoke the Outbound Gateway Application (EDIR101) to process it with Path Option 005.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX  06/01/2011
                                                12:00:00

Queue File Number.....: 005          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                      QUEUE_FILE_005_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels
Range (Low/High).....: 0000 / 0001  Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000        Doc Groups per Run...: 0001
Time Based Interval...: 0000        Minutes (with Low Range)
                                      EXT or SCH or Minutes

Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____  Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIR101_
Path Option ID.....: 005          Active Path.....: E
Exception Pgm.....: EDIR852_      TSQ Store Sw....: C A=Auxiliary M=Main
                                      C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext      PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1
    
```

After the outbound process completes, the translated data will be written to queue file 008 and the Queue Directory screen (EDIM302) will reflect that.

```

Select
EDIM302 8.1.4_____      QUEUE DIRECTORY      XXX 06/01/2011
                                          12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
- 001  GENTRAN:CONTROL INSTALLATION TEST                0  E   O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E   B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                0  E   B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                0  E   B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST               0  E   O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST               0  E   O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST               0  E   O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST                1  E   O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D   O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS               0  E   O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 008 and will initiate transaction EDIR to invoke the Sample Online Application (EDIRSOA) to process it.

```

EDIM303 8.1.5_____      QUEUE OPTIONS      XXX 06/01/2011
                                          12:00:00

Queue File Number.....: 008      GENTRAN:REALTIME_INSTALLATION_TEST_____
                                   QUEUE_FILE_008_____

Status.....: E      E=Enabled  D=Disabled
Source.....: O      O=Online write  B=Batch write
Trace.....: D      E=Enabled  D=Disabled
  Trigger Levels
Range (Low/High).....: 0000 / 0001  Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000      Doc Groups per Run...: 0001
Time Based Interval...: 0000      Minutes (with Low Range)
Initiation Actions
Action to Initiate....: O      B=Batch Job  O=Online Trans  N=None
Batch JCL Name.....: _____  Stall Limit.....: 15
Online TransID.....: EDIR      Appl.Prog.....: EDIRSOA_
Path Option ID.....: _____  Active Path.....: _
Exception Pgm.....: _____  TSQ Store Sw.....: _  A=Auxiliary M=Main
                                          C=TSQ Chaining

Error User Exit Program: _____  Error User Exit Data: _____
Last Update Date: 00/00/00  Time: 00:00:00  User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext      PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1

```

A Path Option is not specified. Instead, this program will read the data from queue file 008 and discard it. It will then write the inbound X12 test data to queue file 007 and the Queue Directory screen (EDIM302) will reflect that.

```

Select
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
- 001    GENTRAN:CONTROL INSTALLATION TEST             0  E   O  B  OB
- 002    GENTRAN:CONTROL INSTALLATION TEST             0  E   B  O  EDIR
- 003    GENTRAN:CONTROL INSTALLATION TEST             0  E   B  B  IB
- 004    GENTRAN:CONTROL INSTALLATION TEST             0  E   B  N
- 005    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  O  EDIR
- 006    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  N
- 007    GENTRAN:REALTIME INSTALLATION TEST            1  E   O  O  EDIR
- 008    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  O  EDIR
- 091    OUTBOUND EDI DATABANK QUEUE FILE              0  D   O  N
- 092    GENTRAN:REALTIME SCHEDULED REPORTS            0  E   O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 007 and initiate transaction EDIR to invoke the Inbound Gateway Application (EDIR103) to process it with Path Option 007.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 007          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                       QUEUE_FILE_007_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
  Trigger Levels
Range (Low/High).....: 0000 / 0001  Queue Priority.....: 5 (Value 1-9)
Maximum Delay Time....: 0000        Doc Groups per Run...: 0001
Time Based Interval...: 0000        Minutes (with Low Range)
Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____  Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIR103_
Path Option ID.....: 007          Active Path.....: E
Exception Pgm.....: EDIR852_      TSQ Store Sw....: C  A=Auxiliary M=Main
                                                C=TSQ Chaining

Error User Exit Program: _____  Error User Exit Data: _____
Last Update Date: 00/00/00  Time: 00:00:00  User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1
    
```

After inbound process completes, the translated data will be written queue file 006 and the Queue Directory screen (EDIM302) will reflect that.

```

Select
EDIM302 8.1.4 _____ QUEUE DIRECTORY XXX 06/01/2011
                                           12:00:00

Starting Queue File Number: ____

A Queue  Description                                     # of      Init  JCL/
          Description                                     Docs Stat Src Act Trans
-   001  GENTRAN:CONTROL INSTALLATION TEST              0  E   O   B   OB
-   002  GENTRAN:CONTROL INSTALLATION TEST              0  E   B   O   EDIR
-   003  GENTRAN:CONTROL INSTALLATION TEST              0  E   B   B   IB
-   004  GENTRAN:CONTROL INSTALLATION TEST              0  E   B   N
-   005  GENTRAN:REALTIME INSTALLATION TEST             0  E   O   O   EDIR
-   006  GENTRAN:REALTIME INSTALLATION TEST             1  E   O   N
-   007  GENTRAN:REALTIME INSTALLATION TEST             0  E   O   O   EDIR
-   008  GENTRAN:REALTIME INSTALLATION TEST             0  E   O   O   EDIR
-   091  OUTBOUND EDI DATABANK QUEUE FILE               0  D   O   N
-   092  GENTRAN:REALTIME SCHEDULED REPORTS             0  E   O   B   RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 006. However, the Action to Initiate is defined as “None” so the data will remain there.

```

EDIM303 8.1.5 _____ QUEUE OPTIONS XXX 06/01/2011
                                           12:00:00

Queue File Number.....: 006          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                           QUEUE_FILE_006_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
          Trigger Levels
Range (Low/High).....: 0000 / 0001    Doc Groups per Run...: 0001
Maximum Delay Time....: 0000          Minutes (with Low Range)
Time Based Interval...: 0000          EXT or SCH or Minutes

          Initiation Actions
Action to Initiate....: N          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____ Stall Limit.....: 15
Online TransID.....: _____ Appl.Prog.....: _____
Path Option ID.....: _____ Active Path.....: _
Exception Pgm.....: _____ TSQ Store Sw.....: _ A=Auxiliary M=Main
                                           C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
          Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del          PF14=Ddt1

```

Press **PF2=Data** for queue file 006.

The system displays the Queue File Data Detail screen (EDIM307) and shows the actual data.

```

EDIM307 _____ QUEUE FILE DATA DETAIL XXX 06/01/2011
                                         12:00:00

Queue File Number: 006      GENTRAN:REALTIME INSTALLATION TEST
Starting Segment : 000001  QUEUE FILE 006
Screen Increment : _____ Relative Screen Number: 00001

* 0VENDOR-1PONUMBER-0010101051200000000005_000000007_000070001_PTP_____
  _____
  -end
* 1VENDOR-1PONUMBER-001INV01____010103010105CONTRACT42JOHN_BILLING_____01010
  4_____
  -end
* 2VENDOR-1PONUMBER-001-----
  _____
  -end
* 2VENDOR-1PONUMBER-001_____TERMS ARE SPECIFIED BELOW_____
  _____
  -end
* 2VENDOR-1PONUMBER-001__DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID__
  _____
  -end
* 2VENDOR-1PONUMBER-001__IN FULL BY THE DISCOUNT DUE DATE._____
  _____
  -end
* 2VENDOR-1PONUMBER-001-----
  _____
LAST RECORD IS CONTINUED ON NEXT PANEL
Enter PF1=Help          PF3=Exit PF4=Options
    
```

Verifying the presence of the data in queue file 006 completes this test and confirms that Sterling Gentran:Realtime queue file processing is functioning correctly.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



## Test Sterling Gentran:Control Queue Files

**Step 18** Test **Sterling Gentran:Control** queue file processing.

*Typically performed by:* System Installer

This test requires three executions of the Online Scanner Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds so the test will take 4 – 6 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

The execution of the Online Scanner/Initiator can be monitored on the Online Log Display screen (EDIM304). The time it was started, the last time it executed, and the scan interval are shown.

```

Reports Exception Activity Select
EDIM304 8.2 _____ ONLINE LOG DISPLAY          XXX  06/01/2011
                                                12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters==>  Errors Only:  _  Program: _____
Position      Task #      TranID      Time      Date      Max Count
Criteria==>  _____  _____  _____  _____  _____  0450

A   Task   Tran    Time    Date    Term   Program   Error Code
-   00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
      ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

- Customize the JCL library member **EXECINIT** to meet your installation requirements and submit. This job will execute **EDIRQWR** to write the outbound X12 test data to queue file 002.
- Verify the job results. You should not receive a return code greater than 0.

Compare your reports with the following samples:

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDISUM     SUMMARY REPORT
```

OPTIONS USED THIS RUN

```
-----
REQUESTED-OPERATION              = WRITE
-----
OUTPUT QUEUE-FILE-DDNAME        = EDIQ002
INPUT FILE NAME                  = EDIIN
INPUT FILE TYPE                  = V
INPUT FILE LRECL                 = 2044
QUEUE-FILE-NUMBER               = 002
```

```
TOTAL RECORDS READ FROM EDIIN   :      68
TOTAL RECORDS WRITTEN TO 002    :      68
```

PROCESSING SUMMARY

```
-----
TOTAL # OF RECS WRITTEN TO QUEUES :      68
```

```
NUMBER OF ERRORS THIS RUN       :      0
HIGHEST RETURN CODE THIS RUN    :      0
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDILOG     PROCESSING LOG           COMPILE DATE: 06/01/11
```

MESSAGES

```
-----
EDI-010116-I 00 CENTRAL BATCH QUEUE FILE WRITE BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010117-I 00 CENTRAL BATCH QUEUE FILE WRITE ENDS . . . . DATE: 06/01/2011, TIME: 12:00:00
```

After the transaction completes, the Queue Directory screen (EDIM302) will show one document in queue file 002 to be processed.

```

SELECT
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX  06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
- 001    GENTRAN:CONTROL INSTALLATION TEST             0  E   O  B  OB
- 002    GENTRAN:CONTROL INSTALLATION TEST             1  E   B  O  EDIR
- 003    GENTRAN:CONTROL INSTALLATION TEST             0  E   B  B  IB
- 004    GENTRAN:CONTROL INSTALLATION TEST             0  E   B  N
- 005    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  O  EDIR
- 006    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  N
- 007    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  O  EDIR
- 008    GENTRAN:REALTIME INSTALLATION TEST            0  E   O  O  EDIR
- 091    OUTBOUND EDI DATABANK QUEUE FILE              0  D   O  N
- 092    GENTRAN:REALTIME SCHEDULED REPORTS            0  E   O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 002 and initiate transaction EDIR to invoke the Sample Online Application (EDIESOA) to process it.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX  06/01/2011
                                                12:00:00

Queue File Number.....: 002          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                       QUEUE_FILE_002_____

Status.....: E          E=Enabled D=Disabled
Source.....: B          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels
Range (Low/High).....: 0000 / 0001   Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time...: 0000          Doc Groups per Run...: 0001
Time Based Interval...: 0000        Minutes (with Low Range)
Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____   Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIESOA_
Path Option ID.....: _____   Active Path.....: _
Exception Pgm.....: EDIR852_      TSQ Store Sw.....: _ A=Auxiliary M=Main
                                       C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext  PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1

```

This program will read the data from queue file 002 and write it to queue file 001. After the program completes, the Queue Directory screen (EDIM302) will reflect that.

```

SELECT
EDIM302 8.1.4 _____      QUEUE DIRECTORY      XXX 06/01/2011
                                          12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
          Description                                     Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                1  E   O   B   OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                 0  E   B   O   EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                 0  E   B   B   IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                 0  E   B   N
- 005  GENTRAN:REALTIME INSTALLATION TEST                0  E   O   O   EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST                0  E   O   N
- 007  GENTRAN:REALTIME INSTALLATION TEST                0  E   O   O   EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST                0  E   O   O   EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                  0  D   O   N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS                0  E   O   B   RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 001 and initiate batch job OB to process it.

```

EDIM303 8.1.5 _____      QUEUE OPTIONS      XXX 06/01/2011
                                          12:00:00

Queue File Number.....: 001      GENTRAN:CONTROL_INSTALLATION_TEST_____
                                   QUEUE_FILE_001_____
Status.....: E                    E=Enabled D=Disabled
Source.....: O                    O=Online write B=Batch write
Trace.....: D                    E=Enabled D=Disabled
  Trigger Levels
Range (Low/High).....: 0000 / 0001  Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000      Doc Groups per Run...: 0001
Time Based Interval...: 0000      Minutes (with Low Range)
                                   EXT or SCH or Minutes
  Initiation Actions
Action to Initiate....: B          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: OB_          Stall Limit.....: 15
Online TransID.....: _____  Appl.Prog.....: _____
Path Option ID.....: _____  Active Path.....: _____
Exception Pgm.....: _____  TSQ Store Sw.....: _ A=Auxiliary M=Main
                                          C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
  Last Update Date: 00/00/00  Time: 00:00:00  User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext  PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1

```

This job uses JCL member **EXECOB** that was customized during the installation procedure. It executes **EDIRQRD** to read the data from queue file 001 and **EDIRQWR** to write it to queue file 003.

- Verify the job results. You should not receive a return code greater than 0.

Compare your reports with the following samples:

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDISUM      SUMMARY REPORT
```

OPTIONS USED THIS RUN  
-----

```
REQUESTED-OPERATION              = READ
-----
INPUT DDNAME                      = EDIQI001
OUTPUT DDNAME                     = EDIOUT
OUTPUT FILE TYPE                  = V
OUTPUT FILE LRECL                 = 2040
QUEUE FILE NUMBER                 = 001
```

```
RECORDS READ FROM Q FILE: 001.....:      68
RECORDS WRITTEN TO FILE: EDIOUT...:      68
```

PROCESSING SUMMARY  
-----

```
NUMBER OF RECORDS READ FROM QUEUES :      68
NUMBER OF ERRORS THIS RUN           :      0
HIGHEST RETURN CODE THIS RUN        :      0
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDILOG      PROCESSING LOG          COMPILE DATE: 06/01/11
```

MESSAGES  
-----

```
EDI-010104-I 00 CENTRAL BATCH QUEUE FILE READ BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010105-I 00 CENTRAL BATCH QUEUE FILE READ ENDS . . . DATE: 06/01/2011, TIME: 12:00:00
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDISUM      SUMMARY REPORT
```

## OPTIONS USED THIS RUN

```
-----
REQUESTED-OPERATION              = WRITE
-----
OUTPUT QUEUE-FILE-DDNAME        = EDIQ003
INPUT FILE NAME                  = EDIIN
INPUT FILE TYPE                  = V
INPUT FILE LRECL                 = 2044
QUEUE-FILE-NUMBER                = 003
```

```
TOTAL RECORDS READ FROM EDIIN   :      68
TOTAL RECORDS WRITTEN TO 003    :      68
```

## PROCESSING SUMMARY

```
-----
TOTAL # OF RECS WRITTEN TO QUEUES :      68
```

```
NUMBER OF ERRORS THIS RUN       :      0
HIGHEST RETURN CODE THIS RUN    :      0
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDILOG      PROCESSING LOG           COMPILE DATE: 06/01/11
```

## MESSAGES

```
-----
EDI-010116-I 00 CENTRAL BATCH QUEUE FILE WRITE BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010117-I 00 CENTRAL BATCH QUEUE FILE WRITE ENDS . . . DATE: 06/01/2011, TIME: 12:00:00
```

After the job completes, the Queue Directory screen (EDIM302) will reflect the data in queue file 003.

```

Select
EDIM302 8.1.4_____      QUEUE DIRECTORY                XXX  06/01/2011
                                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
         Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                0  E   O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E   B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                1  E   B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                0  E   B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST              0  E   O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST              0  E   O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST              0  E   O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST              0  E   O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D   O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS              0  E   O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 003 and will initiate batch job IB to process it.

```

EDIM303 8.1.5_____      QUEUE OPTIONS                XXX  06/01/2011
                                                                12:00:00

Queue File Number.....: 003      GENTRAN:CONTROL_INSTALLATION_TEST_____
                                   QUEUE_FILE_003_____
Status.....: E                    E=Enabled D=Disabled
Source.....: B                    O=Online write B=Batch write
Trace.....: D                    E=Enabled D=Disabled
      Trigger Levels                Queue Priority.....: 1 (Value 1-9)
Range (Low/High).....: 0000 / 0001  Doc Groups per Run...: 0001
Maximum Delay Time...: 0000        Minutes (with Low Range)
Time Based Interval...: 0000        EXT or SCH or Minutes
      Initiation Actions
Action to Initiate....: B          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: IB_          Stall Limit.....: 15
Online TransID.....: _____  Appl.Prog.....: _____
Path Option ID.....: _____  Active Path.....: _
Exception Pgm.....: _____    TSQ Store Sw.....: _ A=Auxiliary M=Main
                                   C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
      Last Update Date: 00/00/00    Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext  PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1

```

This job uses the **EXECIB** JCL that was customized during the installation procedure. It executes **EDIRQRD** to read the data from queue file 003 and **EDIRQWR** to write it to queue file 004.

- Verify the job results. You should not receive a return code greater than 0.

Compare your reports with the following samples.

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDISUM     SUMMARY REPORT

```

OPTIONS USED THIS RUN  
-----

```

REQUESTED-OPERATION             = READ
-----
INPUT DDNAME                    = EDIQI003
OUTPUT DDNAME                   = EDIOUT
OUTPUT FILE TYPE                = V
OUTPUT FILE LRECL               = 2040
QUEUE FILE NUMBER               = 003

```

```

RECORDS READ FROM Q FILE: 003.....:      68
RECORDS WRITTEN TO FILE: EDIOUT....:      68

```

PROCESSING SUMMARY  
-----

```

NUMBER OF RECORDS READ FROM QUEUES :      68

NUMBER OF ERRORS THIS RUN          :          0
HIGHEST RETURN CODE THIS RUN      :          0

```

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDILOG     PROCESSING LOG          COMPILE DATE: 06/01/11

```

MESSAGES  
-----

```

EDI-010104-I 00 CENTRAL BATCH QUEUE FILE READ BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010105-I 00 CENTRAL BATCH QUEUE FILE READ ENDS . . . DATE: 06/01/2011, TIME: 12:00:00

```



```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE       VERSION: 6.6
REPORT ID  : EDIRQWR-EDISUM     SUMMARY REPORT
```

## OPTIONS USED THIS RUN

```
-----
REQUESTED-OPERATION              = WRITE
-----
OUTPUT QUEUE-FILE-DDNAME        = EDIQ004
INPUT FILE NAME                  = EDIIN
INPUT FILE TYPE                  = V
INPUT FILE LRECL                 = 2044
QUEUE-FILE-NUMBER               = 004
```

```
TOTAL RECORDS READ FROM EDIIN   :      68
TOTAL RECORDS WRITTEN TO 004    :      68
```

## PROCESSING SUMMARY

```
-----
TOTAL # OF RECS WRITTEN TO QUEUES :      68
```

```
NUMBER OF ERRORS THIS RUN       :      0
HIGHEST RETURN CODE THIS RUN    :      0
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE       VERSION: 6.6
REPORT ID  : EDIRQWR-EDILOG     PROCESSING LOG          COMPILE DATE: 06/01/11
```

## MESSAGES

```
-----
EDI-010116-I 00 CENTRAL BATCH QUEUE FILE WRITE BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010117-I 00 CENTRAL BATCH QUEUE FILE WRITE ENDS . . . DATE: 06/01/2011, TIME: 12:00:00
```

After the job completes, the Queue Directory screen (EDIM302) will reflect the data in queue file 004.

```

SELECT
EDIM302 8.1.4 _____          QUEUE DIRECTORY          XXX  06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
          Description                                     Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                1  E  B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS              0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator will detect the presence of data in queue file 004. However, the Action To Initiate is defined as "None," so the data will remain there.

```

EDIM303 8.1.5 _____          QUEUE OPTIONS          XXX  06/01/2011
                                                12:00:00

Queue File Number.....: 004          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                      QUEUE_FILE_004_____
Status.....: E                      E=Enabled D=Disabled
Source.....: B                      O=Online write B=Batch write
Trace.....: D                      E=Enabled D=Disabled
  Trigger Levels
Range (Low/High).....: 0000 / 0001  Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000        Doc Groups per Run...: 0001
Time Based Interval...: 0000        Minutes (with Low Range)
                                      EXT or SCH or Minutes
  Initiation Actions
Action to Initiate....: N            B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____    Stall Limit.....: 15
Online TransID.....: _____    Appl.Prog.....: _____
Path Option ID.....: _____    Active Path.....: _
Exception Pgm.....: _____     TSQ Store Sw.....: _ A=Auxiliary M=Main
                                      C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext  PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1

```

Press **PF2=Data** for queue file 004.

The system displays the Queue File Data Detail screen (EDIM307) and shows the actual data.

```

EDIM307 _____ QUEUE FILE DATA DETAIL          XXX   06/01/2011
                                                12:00:00

Queue File Number:  004      GENTRAN:CONTROL INSTALLATION TEST
Starting Segment :  000001  QUEUE FILE 004
Screen Increment :    _____ Relative Screen Number:  00001

* VENDOR-1PONUMBER-001001010201IBM_____3900_DAVIS_DRIVE__
  _RESEARCH_TRIANGLE_PARK_NC27309 XYZ_COMPUTER_COMPANY_____3900_DAVIS_DRIVE_
  _RESEARCH_TRIANGLE_PARK_____NC27309))-793-7000513-666-666601059507609
  876_____00000100-end
* VENDOR-1PONUMBER-001002#####
#####
_____
_____00000101-end
* VENDOR-1PONUMBER-001002####_PURCHASE_ORDER_INSTRUCTIONS_
  #####
_____
_____00000110-end
* VENDOR-1PONUMBER-001002####
LAST RECORD IS CONTINUED ON NEXT PANEL
Enter PF1=Help          PF3=Exit PF4=Options          PF6=DDTL
      PF7=Bwd  PF8=Fwd

```

Verifying the presence of the data in queue file 004 completes this test and confirms that Sterling Gentrans:Control queue file processing is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Schedule Option Processing

Perform the installation verification steps in this section to ensure that Schedule Option processing is installed properly.

### Initiate Online Processing

**Step 19** Test the Sterling Gentran:Realtime schedule option to initiate online processing.

*Typically performed by:* System Installer

This test requires two executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds so the test will take 2 – 4 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

The execution of the Online Scanner/Initiator can be monitored on the Online Log Display screen (EDIM304). The time it was started, the last time it executed, and the scan interval are shown.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters===>  Errors Only:  _  Program: _____
Position      Task #      TranID      Time      Date      Max Count
Criteria===>  _____  _____  _____  _____  _____  0450

A   Task  Tran   Time   Date   Term   Program   Error Code
-   00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
      ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

- Enable Schedule Option 400. Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **400** in the Schedule Number field and press **Enter** to retrieve the information.
- Enable it by typing an **E** in the Schedule Status field and pressing **PF10=Updt**.

```

EDIM821 8.1.7_____          SCHEDULE OPTIONS          XXX 06/01/2011
                                          12:00:00

Schedule Number.....: 400      OUTBOUND_INSTALLATION_SCHEDULE_TEST_____
                                  (OUTBOUND_IVP_TEST)_____

Schedule Status.....: E          E = Enabled      D = Disabled
Schedule Trace.....: E          E = Enabled      D = Disabled

Interval Time.....: 0002          Minutes      or EXT = Extended

Interval Action
Action to Initiate....: O          B = Batch Job   O = Online Trans   N = None
Batch JCL Name.....: _____
Online TransID.....: EDIT
Online Program.....: _____
Path Option ID.....: 400

                                          Last Update Date: 00/00/00
Error User Exit Program.: _____          Time: 00:00:00
Error User Exit Data....: _____          User: SCI
SCHEDULE RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
          PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del

```

At the next scan interval, the Online Scanner/Initiator will detect that Schedule Option 400 is enabled and begin evaluating it.

At the next scan interval, because the Scan Interval for the Online Scanner/Initiator is the same as the Interval Time for Schedule Option 400, the Online Scanner/Initiator will initiate transaction EDIT to process with Path Option 400. This transaction will invoke the Sample Online Application (EDIRSOA) to process the outbound X12 test data and process it with the outbound mapper and editor.

Because Schedule Trace is enabled, the Online Log Display screen (EDIM304) will contain messages generated during the test. The following is a sample of the initial messages that will be displayed.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX  06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00  Scan: 0120
Filters==>  Errors Only:  _  Program: _____
  Position      Task #    TranID      Time          Date          Max Count
Criteria==>  _____  _____  _____  _____  _____  0450

A   Task  Tran   Time     Date      Term  Program   Error Code
-   00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-00007-T 00
-   STARTING TRANSACTION EDIT 400          I
-   00002  EDIT   12:00:00  06/01/2011  EDIRPGM  EDI-00000-I 00
-   SCHEDULE TEST LINKING TO GATEWAY 101
-   00002  EDIT   12:00:00  06/01/2011  EDIR313  EDI-00007-T 00
-   EDIR313 PROCESSING - OPTION: 400 PATH: 400
-   00002  EDIT   12:00:00  06/01/2011  EDIR313  EDI-00007-T 00
-   EDIRO42 - OUTBOUND MAPPER..... STARTED
-   00002  EDIT   12:00:00  06/01/2011  EDIR042  EDI-00007-T 00
-   EDIRO42 PROCESSING
-   00002  EDIT   12:00:00  06/01/2011  EDIR043  EDI-00007-T 00
-   PROGRAM EDIRO43 COMPILED ON 06/01/11 AT 12.00.00  VERSION

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd  PF8=Fwd
    
```

- Type **8.3** in the Jump Code field of any Sterling Gentran CICS screen to display the Report Selection Screen (EDIM310) to view the reports generated by the test.

```

Select Print Log Exception Activity
EDIM310 8.3_____ REPORT SELECTION          XXX  06/01/2011
                                           12:00:00

Path ID.....: _____ Process.....: _____
Line Incrmnt..: _____ Cond Code...: _ (Y)
From Date.....: _____ To Date.....: _____ (MM/DD/YYYY)
From Time.....: _____ To Time.....: _____ (HH:MM:SS)
Task #.....: _____ Max Srch...: 0450
Print Job Name: _____

  Generation      Path  Process   Con  Task      Control
A   Date          Time  ID   Name   St Cd  #   Description  Address
-   06/01/2011  12:00:00  400  EDI42E  W 04   2  POFILE (SCH400)  1
-   06/01/2011  12:00:00  400  EDI42S  W 04   2  POFILE (SCH400)  2
-   06/01/2011  12:00:00  400  EDI02S   00   2  POFILE (SCH400)  3
-   06/01/2011  12:00:00  400  EDI02E   00   2  POFILE (SCH400)  4
-
-
-
-
-
-
-
-
Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd  PF8=Fwd
    
```

- Select each of the four reports (**EDI42E**, **EDI42S**, **EDI02S**, and **EDI02E**) by moving the cursor to the A (Action Code) field to the left of each report, typing an **s**, and pressing **PF5=Action** to display the Report Display screen.

Following are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- After viewing each report, press **PF3=Exit** to return to the Report Selection screen.

```

EDIR042    RUN 06/01/2011    TIME 12:00    ERRORS ENCOUNTERED MAPPING OUTGOING DATA    PAGE 1
ERROR  **RECORD**          FIELD SEG ELE
NUMBR  NBR ID              SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
***** APPLICATION DEFINITION - POFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030PO - LOADED *****
RECEIVER: VENDOR-1          QUAL:    APPL REF: PONUMBER-001          DOCUMENT #: 1
689                          80          DUPLICATE DOCUMENT ADDED TO DATA BANK.
                                DATABANK KEY: VENDOR-1          /POFILE /PONUMBER-001
RECEIVER: VENDOR-2          QUAL:    APPL REF: PONUMBER-002          DOCUMENT #: 2
689                          80          DUPLICATE DOCUMENT ADDED TO DATA BANK.
                                DATABANK KEY: VENDOR-2          /POFILE /PONUMBER-002
RECEIVER: VENDOR-3          QUAL:    APPL REF: PONUMBER-003          DOCUMENT #: 3
689                          80          DUPLICATE DOCUMENT ADDED TO DATA BANK.
                                DATABANK KEY: VENDOR-3          /POFILE /PONUMBER-003
RECEIVER: VENDOR-4          QUAL:    APPL REF: PONUMBER-004          DOCUMENT #: 4
689                          80          DUPLICATE DOCUMENT ADDED TO DATA BANK.
                                DATABANK KEY: VENDOR-4          /POFILE /PONUMBER-004
PROCESSING ENDED WITH ERRORS - PROCESSING COUNTS BELOW
                                APPLICATION RECORDS READ ----- 68
                                APPLICATION RECORDS SUSPENDED - 0
                                TOTAL RECORDS WRITTEN ----- 136
                                RETURN CODE FOR MAPPING ----- 4

```

```

EDIR042  RUN 06/01/2011    TIME 12:00    PROCESSING OPTIONS FOR MAPPING OUTGOING DATA    PAGE    1
PROGRAM EDIR042  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDID152  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDIR043  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDIR045  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDIR056  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
APPLICATION TO PROCESS-----POFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000009
PARTNER PROFILE MODE-----PARTNER/QUALIFIER MODE
PARTNER PROCESSING SEQUENCE-----SEARCH PARTNER FILE
DIRECTORY POSTING OPTION-----POST RECEIVER ONLY
USE MULTIPLE ENVELOPE ID -----N
USE INTERCHANGE PARTNER WITH VERSION----N
USE GROUP PARTNER WITH VERSION-----N
USE TRANSACTION PARTNER WITH VERSION----N
ENVELOPE GENERATION OPTION-----MAPPER GENERATES ENVELOPES
EDIR042  RUN 06/01/2011    TIME 12:00    PROCESSING OPTIONS FOR ENVELOPE GENERATION    PAGE    1
NO ENVELOPE PARAMETERS SPECIFIED -----
GENTRAN:REALTIME PARAMETERS-----ENABLED
REALTIME PROCESSING OPTION-----400
REALTIME PROCESSING PATH-----400
REALTIME PRINT REPORT SWITCH-----NO
EDIR042  RUN 06/01/2011    TIME 12:00    SUMMARY CONTROL COUNTS MAPPING OUTGOING DATA    PAGE    1
PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
SEQUENTIAL INPUT DOCUMENTS READ ----- 4
SEQUENTIAL INPUT RECORDS READ ----- 68
SEQUENTIAL INPUT CHARACTERS READ ----- 17,000
DOCUMENTS STORED ON DATA BANK ----- 4
RECORDS STORED ON DATA BANK ----- 68
DOCUMENTS REPROCESSED ----- 0
RECORDS REPROCESSED ----- 0
CHARACTERS REPROCESSED ----- 0
DOCUMENTS SUSPENDED ----- 0
RECORDS SUSPENDED ----- 0
CHARACTERS SUSPENDED ----- 0
EDI DOCUMENTS GENERATED ----- 4
EDI PACKAGES GENERATED ----- 0
TOTAL RECORDS WRITTEN ----- 136
NUMBER OF APPLICATIONS PROCESSED ----- 1
NUMBER OF MAP DEFINITIONS PROCESSED --- 1
NUMBER OF TRADING PARTNERS PROCESSED -- 4
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
**** END OF SUMMARY REPORT ***
    
```



```

EDIR002  RUN 06/01/2011  TIME 12:00  RUNTIME GLOBAL PARAMETER OVERRIDES 1
EDIR002  RUN 06/01/2011  TIME 12:00  SYSTEM CONFIGURATION OPTIONS 2
INTCHG VERSION = N
GROUP VERSION = N
TRANSACTION VERSION = N
TRADING PROFILE MODE PARTNER QUALIFIER
MULTIPLE ENVELOPE DISABLED
EDIR002  RUN 06/01/2011  TIME 12:00  GLOBAL PARAMETER LIST 3
VERIFY PARTNER INTERCHANGE OFF
VERIFY PARTNER GROUP OFF
VERIFY PARTNER TRANSACTION OFF
ERROR REPORT ALWAYS
ICS TABLES OFF
CODE CHECK ON
PARTNER DATABANK OFF
COMPRESS TRANSMISSION
OUTPUT FILE LENGTH 080
GS SENDER/RECEIVER QUALIFIER INTERCHANGE
OUTBOUND EDI INTERCHANGE FULL
OUTBOUND EDI GROUP DIRECTORY
OUTBOUND EDI TRANSACTION DIRECTORY
EDIR002  RUN 06/01/2011  TIME 12:00  SUMMARY CONTROL COUNTS PROCESSING OUTGOING DATA 4
PROGRAM EDIR002 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID252 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6

PROCESSING BEGAN ON 06/01/2011 AT 12:00 AM.
OVERALL INPUTS AND OUTPUTS SUMMARY
INTERCHANGES READ ----- 4
GROUPS READ ----- 4
TRANSACTIONS READ ----- 4
SEGMENTS READ ----- 124
RECORDS READ ----- 136
CHARACTERS READ ----- 4,037
INTERCHANGES WRITTEN ----- 4
INTERCHANGES REJECTED ----- 0
INTERCHANGES SUSPENDED ----- 0
GROUPS WRITTEN ----- 4
GROUPS REJECTED ----- 0
GROUPS SUSPENDED ----- 0
TRANSACTIONS WRITTEN ----- 4
TRANSACTIONS REJECTED ----- 0
TRANSACTIONS SUSPENDED ----- 0
SEGMENTS WRITTEN ----- 124
CHARACTERS WRITTEN (WRAPPED OUTPUT) ----- 3,808
SEGMENTS SUSPENDED ----- 0
MISCELLANEOUS OUTPUT SUMMARY
TOTAL PASS-THRU WRITTEN----- 0
DIRECTION PASS-THRU WRITTEN ----- 0
ERROR REJECTION PASS-THRU WRITTEN ----- 0
TOTAL RECORDS WRITTEN----- 50
TOTAL PACKAGES WRITTEN----- 999
EDITOR PATH USED ----- 400
REALTIME PROCESSING OPTION----- 400
REALTIME PROCESSING PATH----- 400
REALTIME PRINT REPORT SWITCH----- NO

DATABANK OUTPUT SUMMARY
INTERCHANGES STORED ON DATA BANK ----- 4
REJECTED INTERCHANGES ON DATA BANK ----- 0
GROUPS STORED ON DATA BANK ----- 4
REJECTED GROUPS ON DATA BANK ----- 0
TRANSACTIONS STORED ON DATA BANK ----- 4
REJECTED TRANSACTIONS ON DATA BANK ----- 0
SEGMENTS STORED ON DATA BANK ----- 124
CHARACTERS STORED ON DATA BANK ----- 4,000
RECORDS STORED ON DATA BANK ----- 50

PROCESSING ENDED ON 06/01/2011 AT 12:00 AM.
***** END OF JOB*****

```

```
EDIR002    RUN 06/01/2011    TIME 12:00    ERRORS ENCOUNTERED PROCESSING OUTGOING DATA    PAGE    1
ERROR RECORD SEG ELT/COMP
NUMBR NUMBER ID  NBR    INFORMATION          ERROR MESSAGE

*** DATABANK *****    RUN #    = 00000010

NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY

* * *    END OF REPORT    * * *
```

Verifying the reports completes this test and confirms that the scheduling of online transactions is functioning correctly.

Schedule Option 400 continues to be initiated by the Online Scanner/Initiator until it is disabled.

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **400** in the Schedule Number field and press **Enter** to retrieve the information.
- Disable it by typing a **D** in the Schedule Status field and pressing **PF10=Updt**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Initiate Batch Processing

**Step 20** Test the Sterling Gentran:Realtime schedule option to initiate batch processing.

*Typically performed by:* System Installer

This test requires two executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds so the test will take 2 – 4 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

The execution of the Online Scanner/Initiator can be monitored on the Online Log Display screen (EDIM304). The time it was started, the last time it executed, and the scan interval are shown.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters==>  Errors Only:  _  Program: _____
Position    Task #    TranID    Time        Date        Max Count
Criteria==> _____    _____    _____    _____    _____    0450

A   Task  Tran   Time   Date   Term  Program   Error Code
-   00001  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
      ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

- Enable Schedule Option 401. Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **401** in the Schedule Number field and press **Enter** to retrieve the information.
- Enable it by typing an **E** in the Schedule Status field and pressing **PF10=Updt**.

```

EDIM821 8.1.7_____          SCHEDULE OPTIONS          XXX 06/01/2011
                                          12:00:00

Schedule Number.....: 401    BATCH_SUBMISSION_INSTALLATION_TEST_____
                               (IVP_TEST)_____

Schedule Status.....: E      E = Enabled      D = Disabled
Schedule Trace.....: E      E = Enabled      D = Disabled

Interval Time.....: 0002      Minutes      or EXT = Extended

Interval Action
Action to Initiate....: B      B = Batch Job   O = Online Trans   N = None
Batch JCL Name.....: SB_
Online TransID.....: _____
Online Program.....: _____
Path Option ID.....: _____

Error User Exit Program.: _____      Last Update Date: 00/00/00
Error User Exit Data....: _____      Time: 00:00:00
User: SCI
SCHEDULE RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del

```

At the next scan interval, the Online Scanner/Initiator will detect that Schedule Option 401 is enabled and begin evaluating it.

At the next scan interval, because the Scan Interval for the Online Scanner/Initiator is the same as the Interval Time for Schedule Option 401, the Online Scanner/Initiator will initiate batch job SB.

Because Schedule Trace is enabled, the Online Log Display screen (EDIM304) will contain messages generated during the test. The following is a sample of the initial message that will be displayed.

```

EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX    06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00  Scan: 0120
Filters===>  Errors Only:  _  Program: _____
  Position      Task #      TranID      Time      Date      Max Count
Criteria===>  _____  _____  _____  _____  _____  0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-00007-T 00
      STARTING TRANSACTION EDIB 401          I
-   00002  EDIB   12:00:00  06/01/2011  EDIEOBI  EDI-10401-T 00
      ONLINE BATCH INITIATOR BEGINS . . . , DATE: 06/01/2011, TIME: 12:00:00
-   00002  EDIB   12:00:00  06/01/2011  EDIEOBI  EDI-10402-T 00
      ONLINE BATCH INITIATOR ENDS . . . . , DATE: 06/01/2011, TIME: 12:00:00
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

This job uses the **EXECSB** JCL that was customized during the installation procedure. It executes **EDIRQRD** to read the data from queue files 004 and 006 that was written there during the Queue file tests that were performed earlier.

- Verify the job results, you should not receive a return code greater than 0.

Compare your reports with the following samples.

```

PAGE : 00001
VERSION: 6.6

GENTRAN:CONTROL
BATCH QUEUE READ
SUMMARY REPORT

REPORT DATE: 06/01/2011
REPORT TIME: 12:00:00
REPORT ID : EDIRQRD-EDISUM

OPTIONS USED THIS RUN
-----
REQUESTED-OPERATION = READ
INPUT DDNAME = EDIQI001
OUTPUT DDNAME = EDIOUT
OUTPUT FILE TYPE = V
OUTPUT FILE LRECL = 2040
QUEUE FILE NUMBER = 004

INPUT DDNAME = EDIQI002
OUTPUT DDNAME = EDIOUT
OUTPUT FILE TYPE = V
OUTPUT FILE LRECL = 2040
QUEUE FILE NUMBER = 006

RECORDS READ FROM Q FILE: 004.....: 68
RECORDS READ FROM Q FILE: 006.....: 114
RECORDS WRITTEN TO FILE: EDIOUT...: 182

PROCESSING SUMMARY
-----
NUMBER OF RECORDS READ FROM QUEUES : 182
NUMBER OF ERRORS THIS RUN : 0
HIGHEST RETURN CODE THIS RUN : 0
    
```

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE : 00001
REPORT TIME: 12:00:00          BATCH QUEUE READ        VERSION: 6.6
REPORT ID : EDIRQRD-EDILOG     PROCESSING LOG          COMPILE DATE: 06/01/11

MESSAGES
-----

EDI-010104-I 00 CENTRAL BATCH QUEUE FILE READ BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010105-I 00 CENTRAL BATCH QUEUE FILE READ ENDS . . . DATE: 06/01/2011, TIME: 12:00:00
    
```

Verifying the reports completes this test and confirms that the scheduling of batch jobs is functioning correctly.

Schedule Option 401 will continue to be initiated by the Online Scanner/Initiator until it is disabled.

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **401** in the Schedule Number field and press **Enter** to retrieve the information.
- Disable it by typing a **D** in the Schedule Status field and pressing **PF10=Updt**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Initiate Outbound EDI Databank Extract

**Step 21** Test the Sterling Gentran:Realtime schedule option to initiate Outbound EDI Databank Extract processing.

**(Optional)** This is an optional test. If you will not be using Deferred Enveloping and if you skipped the outbound Deferred Enveloping Immediate Option Test in **Step 12**, you may skip this test also.

*Typically performed by:* System Installer

This test requires two executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds so the test will take 2 – 4 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

The execution of the Online Scanner/Initiator can be monitored on the Online Log Display screen (EDIM304). The time it was started, the last time it executed, and the scan interval are shown.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters===>  Errors Only:  _  Program: _____
  Position   Task #   TranID   Time       Date       Max Count
Criteria===> _____   _____   _____   _____   _____   0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
    ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```



Check the box next to each task as you complete it.

- Enable Schedule Option 414. Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **414** in the Schedule Number field and press **Enter** to retrieve the information.
- Enable it by typing an **E** in the Schedule Status field and pressing **PF10=Updt**.

```

EDIM821 8.1.7_____          SCHEDULE OPTIONS          XXX 06/01/2011
                                          12:00:00

Schedule Number.....: 414      OUTBOUND EDI DATABANK EXTRACT SCHEDULE__
                               (DEFERRED_IVP_TEST)_____

Schedule Status.....: E        E = Enabled      D = Disabled
Schedule Trace.....: E        E = Enabled      D = Disabled

Interval Time.....: 0002      Minutes      or EXT = Extended

Interval Action
  Action to Initiate....: O      B = Batch Job  O = Online Trans  N = None
  Batch JCL Name.....: _____
  Online TransID.....: EDIE
  Online Program.....: _____
  Path Option ID.....: 414

                                          Last Update Date: 00/00/00
Error User Exit Program.: _____          Time: 00:00:00
Error User Exit Data....: _____          User: SCI
SCHEDULE RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del

```

At the next scan interval, the Online Scanner/Initiator will detect that Schedule Option 414 is enabled and begin evaluating it.

At the next scan interval, because the Scan Interval for the Online Scanner/Initiator is the same as the Interval Time for Schedule Option 414, the Online Scanner/Initiator will initiate transaction EDIE to process with Path Option 414. This transaction will invoke the Outbound EDI Databank Extract (EDID255) to process the data that was written to the databank by the Deferred Enveloping Immediate Option Test in **Step 12**.



Following are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- After viewing each report, press **PF3=Exit** to return to the Report Selection screen.

```

PAGE          : 00001
VERSION: 6.6

PROGRAM EDID255  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011      GENTRAN:REALTIME
REPORT TIME: 12:00:00        OUTBOUND EDI DATABANK EXTRACT
REPORT ID  : EDID255-EDISUM  SUMMARY REPORT

OPTIONS USED THIS RUN
-----
REQUESTED-OPERATION          = ENVELOPE
DATABANK-CONFIGURATION      = FULL
FROM-EDITED-DATE           = 01/01/1900
FROM-EDITED-TIME           = 00:00
FUNCTIONAL-GROUP-ID        = ALL
INTERCHANGE-CHARACTER-LIMIT = 9999999999
INTERCHANGE-GROUP-LIMIT    = 999999
INTERCHANGE-TRANSACTION-LIMIT = 999999
NETWORK                     = ALL
NETWORK-CONFIGURATION      = NO
NETWORK-TRACKING           = NO
ONLINE-UPDATE-REPORT       = YES
OUTPUT-FILE                = EDI800
PARTNER                    = ALL
PARTNER-QUALIFIER          = ALL
TEST-PRODUCTION-STATUS     = ALL
TO-EDITED-DATE             = 12/31/2099
TO-EDITED-TIME             = 23:59
TRADING-PROFILE-MODE       = PARTNER-QUALIFIER
TRANSACTION-SET-ID         = ALL
USER-DUPLICATE-IND         = ALL
USER-REFERENCE             = ALL
VALIDATION-STATUS          = COMPLIANT

PROCESSING SUMMARY
-----
TRANSACTION RECORDS READ      : 8
TRANSACTIONS ENVELOPED      : 4
GROUPS ENVELOPED             : 4
INTERCHANGES ENVELOPED     : 4
SEGMENTS WRITTEN            : 124
CHARACTERS WRITTEN          : 3,768
NUMBER OF RECORDS WRITTEN TO EDI800 : 50
NUMBER OF RECORDS WRITTEN TO EDI512 : 0
NUMBER OF ERRORS THIS RUN    : 0
HIGHEST RETURN CODE THIS RUN : 0
*****

```

```

PROGRAM EDID255  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6  PAGE : 00001
REPORT DATE: 06/01/2011  GENTRAN:REALTIME
REPORT TIME: 12:00:00  OUTBOUND EDI DATABANK EXTRACT
REPORT ID : EDID255-EDIAUDI  AUDIT TRAIL  VERSION: 6.6

DATABANK RUN NUMBER: 00000001
PARTNER
VENDOR-1
VENDOR-2
VENDOR-3
VENDOR-4
*****
QUAL          ENV-REF-ID  GROUPS  SETS  SEGMENTS  CHARS
000000041    00000001  0000001  0000001  00000037  00000000000001121
000000020    00000001  0000001  0000001  00000027  00000000000000822
000000020    00000001  0000001  0000001  00000033  00000000000001021
000000020    00000001  0000001  0000001  00000027  00000000000000804
*****
    
```

Verifying the reports completes this test and confirms that the scheduling of the Outbound EDI Databank Extract is functioning correctly.

Schedule Option 414 will continue to be initiated by the Online Scanner/Initiator until it is disabled.

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).

- Type **414** in the Schedule Number field and press **Enter** to retrieve the information.
- Disable it by typing a **D** in the Schedule Status field and pressing **PF10=Updt**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Databanks

Perform the installation verification steps in this section to ensure that data was stored on all four Sterling Gentran:Realtime databanks.

### Sterling Gentran:Realtime Inbound EDI Databanks

**Step 22** Verify that data was stored on the Sterling Gentran:Realtime Inbound EDI Databanks.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- If you *are* logged on to Sterling Gentran, type **3 . 0** in the Jump Code field of any screen to display the Online Databank Maintenance subsystem. Proceed to the next task in this step.

If you are *not* logged onto the Sterling Gentran system, complete the following tasks:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **3** to select Databank Maintenance Menu and press **Enter**. The system displays the Databank Maintenance Menu.

- On the Databank Maintenance Menu, type **1** to select Interchange Directory and press **Enter**. The system displays the Interchange Directory.

```

Select
EDIM254 3.1_____ INTERCHANGE DIRECTORY          XXX  06/01/2011
                                           12:00:00

Intchg Part ID _____ Qual _____
In/Outbound  _          Databank  _ (Gentran,Realtime)

A   Interchange Partner ID          Qual   I/O   Dbk   Div
-   VENDOR-1                       O      O    R    000
-   VENDOR-1                       O      O    G    000
-   VENDOR-1                       I      I    G    000
-   VENDOR-1                       I      I    R    000
-   VENDOR-2                       O      O    R    000
-   VENDOR-2                       O      O    G    000
-   VENDOR-3                       O      O    R    000
-   VENDOR-3                       O      O    G    000
-   VENDOR-4                       O      O    R    000
-   VENDOR-4                       O      O    G    000

TO SELECT INTERCHANGE ENTER AN "S" BESIDE THE ID
Enter PF1=Help          PF3=Exit          PF5=Interchg
      PF7=Bwd   PF8=Fwd

```

Interchanges should be stored on the Sterling Gentran:Realtime Databanks as indicated by the letter R in the Databank field column (Dbk).

- Type an **s** in the A (Action Code) field next to the first Interchange Partner ID that has a value of I in the I/O field and a value of R in the Dbk field. Press **PF5=Interchg** to display the Interchange Status screen.

The system displays the Interchange Status screen as illustrated in the following example.

```

Acknowledge Select Delete Reset Network
EDIM251 3.3 _____ INTERCHANGE STATUS          XXX   06/01/2011
                                                12:00:00

Intchg Part ID. : VENDOR-1 _____ Qual _____
Name . . . . . : TUTORIAL - XYZ COMPUTER COMPAN
From Date . . . : _____ Time _____ Division 000
To Date . . . . : _____ Time _____
Status - Network: _____ Ack _____ Int Env Ref: _____
In/Outbound . . : I      Databank R      Option ____

  Rec  Interchange          Group Char          Status
A Stat Envelope Ref  Date      Time  Count  Count  Ack Net Comm I/O Dbk
-      000000005      06/01/2011 12:00 00001 0000006392 N          I  R203
-      000000005      06/01/2011 12:00 00001 0000006392 N          I  R007
-
-
-
-
-
-
-
END OF INTERCHANGES
Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Group          PF6=Next ID
      PF7=Bwd  PF8=Fwd                                PF14=Dtl

```

- Verify that entries are present in the list area.
- Type an **s** in the A (Action Code) field next to either of the interchanges with an Interchange Envelope Reference ID of 000000005.
- Press **PF2=Data** to view the Interchange Display screen (this is the data display).

Compare your screen to the following example to verify that data is present.

```

Select
EDIM256 _____ INTERCHANGE DISPLAY          XXX   06/01/2011
                                                12:00:00

Intchg Part ID : VENDOR-1                      Qual :
Name . . . . . : TUTORIAL - XYZ COMPUTER COMPAN
Int. Env. Ref. : 000000005                      Group Count : 000001
Stat - Network :      Ack : N                    I/O : Inbound
                                                Databank : Realtime
                                                Search : _____
A
- ISA*00*          *00*          *ZZ*5136666666   *ZZ*6147937000   *010105
- *1200*:*00403*000000005*0*p*>?
- GS*IN*121212121*987654321*20010105*1200*7*X*004030?
- ST*810*000070001?
- BIG*20010105*INV01*20010103*PONUMBER-001?
- NTE**-----?
- NTE**          TERMS ARE SPECIFIED BELOW?
- NTE** DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID?
- NTE** IN FULL BY THE DISCOUNT DUE DATE.?
- NTE**-----?
- REF*SL*124?

Enter PF1=Help          PF3=Exit PF4=Interchg   PF5=Seg      PF6=Search
      PF7=Bwd   PF8=Fwd
    
```

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_







- Verify the presence of entries in the list area.
- Note:** A deferred entry should display under VENDOR-1, if you performed the optional Outbound Deferred Enveloping Immediate Option test.
- Type an **S** in the A (Action Code) field next to the first Interchange Envelope Reference ID that is *not* indicated as ( **DEFERRED** ).
- Press **PF2=Data** to view the Interchange Display (this is the data display).
- Verify that data is present.

```

Select
EDIM256 _____ INTERCHANGE DISPLAY          XXX   06/01/2011
                                                12:00:00

Intchg Part ID : VENDOR-1                      Qual :
Name . . . . . : TUTORIAL - XYZ COMPUTER COMPAN
Int. Env. Ref. : 000000030                      Group Count : 000001
Stat - Network : N      Ack : N                  I/O : Outbound
                                                Databank : Realtime
                                                Search : _____
A
- ISA*00*          *00*          *ZZ*STERLING SFW *ZZ*XYZ COMPUTERS *031201
- *1200*?*00403*000000030*0*T*+;
- GS*PO*STERLING*XYZ*20110601*1200*1*X*004030;
- ST*850*000000001;
- BEG*00*NE*PONUMBER-001**20010102;
- DTM*010*19950105;
- N1*BT*IBM.*1*987654321;
- N3*3038 CORNWALLIS DRIVE;
- N4*RTP* NC*430170760;
- PER*BD**TE*614-793-7000;
- N1*VN*XYZ COMPUTER COMPANY*1*121212121;

Enter PF1=Help          PF3=Exit PF4=Interchg  PF5=Seg      PF6=Search
      PF7=Bwd   PF8=Fwd
    
```

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Sterling Gentran:Realtime Outbound Application Databanks

**Step 24** Verify that data was stored on the Sterling Gentran:Realtime Outbound Application Databanks.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Interchange Display screen, type **3.6** in the Jump Code field to display the Document Directory screen.

```

Select
EDIM262 3.6_____ DOCUMENT DIRECTORY          XXX 06/01/2011
                                                12:00:00

Partner ID _____ Qual _____
In/Outbound _ Databank _ (Gentran, Realtime)

A Partner                               Qual   I/O   Dbk
_  VENDOR-1                             I      G
_  VENDOR-1                             I      R
_  VENDOR-1                             O      G
_  VENDOR-1                             O      R
_  VENDOR-2                             O      G
_  VENDOR-2                             O      R
_  VENDOR-3                             O      G
_  VENDOR-3                             O      R
_  VENDOR-4                             O      G
_  VENDOR-4                             O      R
_  VENDOR-5                             I      R
_  VENDOR-5                             I      G
TO SELECT PROFILE ENTER AN "S" BESIDE THE ID
Enter PF1=Help          PF3=Exit          PF5=Doc
      PF7=Bwd  PF8=Fwd

```

Documents should be stored on the Sterling Gentran:Realtime Databanks as indicated by an **R** in the Databank field column (Dbk).

- Type an **s** in the A (Action Code) field next to the first Partner with a value of **O** in the I/O field and a value of **R** in the DBK field. Press **PF5=Doc** to display the Document Status screen.

The system displays the Document Status screen.

```

SELECT DELETE RESET
EDIM263 3.7 _____ DOCUMENT STATUS XXX 06/01/2011
                                         12:00:00

Partner ID . . . VENDOR-1 _____ Qual _____
Appl Data ID _____
User Reference _____
In/Outbound O Databank R Option ____
From Date . . . _____ Time _____
To Date . . . _____ Time _____

Rec Appl
A Stat Data ID User Reference Date I/O Dbk Opt
- POFILE PONUMBER-001 06/01/2011 O R 200
- POFILE PONUMBER-001 06/01/2011 O R 206
- POFILE PONUMBER-001 06/01/2011 O R 005
- POFILE PONUMBER-001 06/01/2011 O R 400
-
-
-
-
-
END OF DOCUMENTS
Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Detail PF6=Nx Pr ID
      PF7=Bwd PF8=Fwd

```

- Verify the presence of entries in the list area.
- Type an **s** in the A (Action Code) field next to the Appl Data ID for the inbound document you are verifying.
- Press **PF2=Data** to view the Document Display screen (this is the data display).

Compare your screen to the following example to verify that data is present.

```
Select
EDIM264 _____ DOCUMENT DISPLAY XXX 06/01/2011
                                           12:00:00

Partner ID . . . : VENDOR-1                Qual :
Name . . . . . : TUTORIAL - XYZ COMPUTER COMPANY
User Reference : PONUMBER-001
I/O . . . . . : Outbound      Databank : Realtime  Search : _____

A Record
- VENDOR-1PONUMBER-001001010201IBM                2029 CORNWALLIS DRIVE
- VENDOR-1PONUMBER-001002#####
- VENDOR-1PONUMBER-001002####                     PURCHASE ORDER INSTRUCTIONS
- VENDOR-1PONUMBER-001002####
- VENDOR-1PONUMBER-001002#### ALL ITEMS MUST BE SENT BY REQUESTED SHIP DATE O
- VENDOR-1PONUMBER-001002#### ENTIRE ORDER IS SUBJECT TO CANCELLATION
- VENDOR-1PONUMBER-001002####
- VENDOR-1PONUMBER-001002#### NO SUBSTITUTION OF ITEMS W/O PRIOR BUYER APPROV
- VENDOR-1PONUMBER-001002####
- VENDOR-1PONUMBER-001002#####
- VENDOR-1PONUMBER-0010050000500EACH0129999CAT-286-12-20 286/12MHZ/20 MEG

Enter PF1=Help      PF3=Exit PF4=Doc      PF5=Record      PF6=Search
      PF7=Bwd      PF8=Fwd                PF14=Dtl
```

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_







The system displays the Document Display screen (this is the data display).

```

Select
EDIM264 _____ DOCUMENT DISPLAY XXX 06/01/2011
                                           12:00:00

Partner ID . . . : VENDOR-1                               Qual :
Name . . . . . : TUTORIAL - XYZ COMPUTER COMPANY
User Reference : INV01
I/O . . . . . : Inbound      Databank : Realtime      Search : _____

A Record
- 0VENDOR-1PONUMBER-0010101051200000000005 000000007 000070001 PTP
- 1VENDOR-1PONUMBER-001INV01 010103010105CONTRACT42JOHN BILLING 0101
- 2VENDOR-1PONUMBER-001-----
- 2VENDOR-1PONUMBER-001                TERMS ARE SPECIFIED BELOW
- 2VENDOR-1PONUMBER-001  DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID
- 2VENDOR-1PONUMBER-001  IN FULL BY THE DISCOUNT DUE DATE.
- 2VENDOR-1PONUMBER-001-----
- 4VENDOR-1PONUMBER-001MFG SHIP PT #1 1104 ENDICOTT ASAN FRANCISCO CA94112
- 5VENDOR-1PONUMBER-00100000000050{000050{EACHCAT-286-12 12
- 5VENDOR-1PONUMBER-00100000000040{000040{EACHCAT-286-10 10
- 5VENDOR-1PONUMBER-00100000000090{000090{EACHCAT-286-10 11

Enter PF1=Help      PF3=Exit PF4=Doc      PF5=Record      PF6=Search
      PF7=Bwd      PF8=Fwd                PF14=Dtl

```

- Verify that data is present.
- Type **EXIT** in the Jump Code field to exit Sterling Gentran:Realtime.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Separator Processing

Perform the installation verification steps in this section to ensure that Separator subsystem processing is installed properly.

**Step 26** Test the Sterling Gentran:Realtime Separator subsystem functions.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITSb600** (where **b** indicates a blank space) and press **Enter**.

This transaction will invoke the Separator Gateway (EDIR100). The gateway will invoke the Separator Driver (EDIR930) to process the inbound X12, EDIFACT, and TRADACOMS test data that was used during the Inbound Processing tests in **Step 13** through **Step 15**. Priority Options are defined to process this data with the same 203, 204, 205 immediate options that were used during those earlier tests.

The system displays the following message:

```
BEGINNING PROCESSING      DATE:  YY-MM-DD  TSQNAME:  XXXXXXXX
```

When the transaction is complete, the following message will replace the original display:

```
RETURNED FROM EDIR100
RETURN CODE: 00
STARTING TIME:  HH:MM:SS  ENDING
TIME:  HH:MM:SS  DIFFERENCE:SS.SSS  IN SECONDS
```

Log on to Sterling Gentran and navigate to the Sterling Gentran:Control Separator Monitor screen by performing the following tasks:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **7** to select the Sterling Gentran:Control Main Menu and press **Enter**. The system displays the Sterling Gentran:Control Main Menu.
- Type **5** to select the Separator Menu and press **Enter**.
- Type **4** to select Separator Monitor and press **Enter**.







## Reporting Subsystem

Perform the installation verification steps in this section to ensure that the online maintenance programs that create reports are installed properly.

### Outbound Application Databank Maintenance

**Step 27** Test the Outbound Application Databank Maintenance process (EDID151).

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- On a blank CICS screen, type **EDI3** and press **Enter**.

The system displays the following messages:

```
PROCESSING OUTBOUND APPLICATION DATABANK MAINTENANCE
COMPLETED OUTBOUND APPLICATION DATABANK MAINTENANCE
```

- Type **8.3** in the Jump Code field of any Sterling Gentran CICS screen to display the Report Selection screen (EDIM310) to view the reports generated by the test.

```
Select Print Log Exception Activity
EDIM310 8.3 _____ REPORT SELECTION          XXX  06/01/2011
                                                12:00:00

Path ID.....: ____ Process.....: _____
Line Incrmt..: ____ Cond Code...: _ (Y)
From Date....: _____ To Date....: _____ (MM/DD/YYYY)
From Time....: _____ To Time....: _____ (HH:MM:SS)
Task #.....: _____ Max Srch...: 0450
Print Job Name: _____

  Generation      Path  Process   Con  Task          Control
  A   Date        Time   ID   Name   St Cd   #   Description   Address
  _  06/01/2011 12:00:00  000  OA-SUM  00   1   OA DBK MAINT    1
  _  06/01/2011 12:00:00  000  OA-AUD  00   1   OA DBK MAINT    2
  -
  -
  -
  -
  -
  -
  -

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd
```

- Select each of the two reports (**OA-SUM** and **OA-AUD**) by moving the cursor to the A (Action Code) field to the left of each report, typing an **s**, and pressing **PF5=Action** to display the Report Display screen (EDIM311).

The following are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          OUTBOUND APPL DATABANK MAINTENANCE
REPORT ID : EDID151-OA-SUM     SUMMARY REPORT          VERSION: 6.6
```

```
PROGRAM EDID151  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
```

```
OPTIONS USED THIS RUN
-----
```

```
REALTIME-PATH-USED           = OADB
PATH-DESCRIPTION             = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION          = HOUSEKEEPING
ARCHIVE                       = YES
DATABANK-CONFIGURATION       = FULL
DATABANK-DELETE-LEVEL       = ALL
DATABANK-MODE                 = APPLICATION
RETENTION-DAYS-LOADED        = 000
RETENTION-DAYS-MAPPED        = 000
TRADING-PROFILE-MODE         = PARTNER-QUALIFIER
REPORT-PRINT-SW              = NO
AUDIT-RPT-SUPPRESS           = NO
```

```
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          OUTBOUND APPL DATABANK MAINTENANCE
REPORT ID : EDID151-OA-SUM     SUMMARY REPORT          VERSION: 6.6
```

```
DIRECTORY RECORDS READ       :      21
DIRECTORY RECORDS PURGED     :      21
DIRECTORY RECORDS ARCHIVED   :      21
MESSAGE STORE RECORDS PURGED :     371
MESSAGE STORE RECORDS ARCHIVED :     371
```

```
NUMBER OF ERRORS THIS RUN    :      0
HIGHEST RETURN CODE THIS RUN :      0
***** END OF SUMMARY REPORT *****
```

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
PROGRAM EDID151  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT TIME: 12:00:00          OUTBOUND APPL DATABANK MAINTENANCE
REPORT ID : EDID151-OA-AUD     AUDIT TRAIL          VERSION: 6.6

PARTNER          QUAL  USER-REFERENCE          DROPPED DOCUMENTS
VENDOR-1        PNUMBER-001
VENDOR-1        PNUMBER-001
VENDOR-1        PNUMBER-001
VENDOR-1        PNUMBER-001
VENDOR-2        PNUMBER-002
VENDOR-2        PNUMBER-002
VENDOR-2        PNUMBER-002
VENDOR-2        PNUMBER-002
VENDOR-3        PNUMBER-003
VENDOR-3        PNUMBER-003
VENDOR-3        PNUMBER-003
VENDOR-3        PNUMBER-003
VENDOR-4        PNUMBER-004
VENDOR-4        PNUMBER-004
VENDOR-4        PNUMBER-004
VENDOR-4        PNUMBER-004
VENDOR-5        PNUMBER-001
VENDOR-5        PNUMBER-002
VENDOR-5        PNUMBER-003
VENDOR-5        PNUMBER-004
VENDOR-6        PNUMBER-003
*** SYNCPOINT PERFORMED*****
***** END OF AUDIT REPORT *****
    
```

Verifying the reports completes this test and confirms that the Outbound Application Databank Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_





```

PAGE : 00001
VERSION: 6.6

GENTRAN-REALTIME
OUTBOUND EDI DATABANK MAINTENANCE
SUMMARY REPORT

REPORT DATE: 06/01/2011
REPORT TIME: 12:00:00
REPORT ID : EDID251-OE-SUM

PROGRAM EDID251 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6

-----
OPTIONS USED THIS RUN
-----
REALTIME-PATH-USED = OEDB
PATH-DESCRIPTION = DEFAULT HOUSEKEEPING FARMS
REQUESTED-OPERATION = HOUSEKEEPING
ARCHIVE = YES
CLEAN = YES
DATABANK-CONFIGURATION = FULL
DATABANK-DELETE-LEVEL = ALL
DATABANK-DIRECTORY-LEVEL = INTERCHANGE
REPORT-TYPE = FULL
RETENTION-DAYS-PROCESSED = 000
RETENTION-DAYS-UNPROCESSED = 000
TRADING-PROFILE-WODE = PARTNER-QUALIFIER
REPORT-PRINT-SW = NO
AUDIT-RPT-SUPPRESS = NO

PROCESSING SUMMARY
-----
DIRECTORY RECORDS CLEANED : 16
INTERCHANGE RECORDS READ : 19
INTERCHANGE RECORDS PURGED : 19
INTERCHANGE RECORDS ARCHIVED : 19
GROUP RECORDS PURGED : 19
GROUP RECORDS ARCHIVED : 19
TRANSACTION RECORDS PURGED : 26
TRANSACTION RECORDS ARCHIVED : 26
OTHER DIRECTORY RECORDS PURGED : 56
OTHER RECORDS ARCHIVED : 75
MESSAGE-STORE RECORDS READ : 20
MESSAGE-STORE RECORDS PURGED : 20
MESSAGE-STORE RECORDS ARCHIVED : 20
APPLICATION LINK RECORDS PURGED : 21
TOTAL DIRECTORY RECORDS PURGED : 136
TOTAL DIRECTORY RECORDS ARCHIVED : 139

NUMBER OF ERRORS THIS RUN : 0
HIGHEST RETURN CODE THIS RUN : 0
***** END OF SUMMARY REPORT *****
    
```

Partial Report:

REPORT DATE	PROGRAM	REPORT TIME	REPORT ID	GENTRAN: REALTIME	VERSION	PAGE	RET DAYS
06/01/2011	EDID251	12:00:00	EDID251-OE-AUD	06/01/11 AT 12.00.00	6.6	00001	
*** SYNCPOINT PERFORMED *****				OUTBOUND EDI DATABANK MAINTENANCE	6.6		
*** SYNCPOINT PERFORMED *****				AUDIT TRAIL	6.6		
*** SYNCPOINT PERFORMED *****				ARCHIVED DOCUMENTS	6.6		
ENVELOPE REFERENCE ID	CHARACTER COUNT	USER REFERENCE	ACK STATUS	REFERENCE TAG	RET DAYS		
INTERCHANGE PARTNER: VENDOR-1	0000000003	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000003	00000001129	(GROUPS: 000001, RUN#: 00000001, RET DAYS: )					
GROUP PARTNER: VENDOR-1	0000001007	(TRANSACTIONS: 000001)	WAITING	OE00000002			
QUAL: 0000000002	0000000956	PONUMBER-001	WAITING	OE00000001			
INTERCHANGE PARTNER: VENDOR-1	0000000005	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000005	00000001129	(GROUPS: 000001, RUN#: 00000005, RET DAYS: )					
GROUP PARTNER: VENDOR-1	0000001007	(TRANSACTIONS: 000001)	WAITING	OE00000082			
QUAL: 0000000003	0000000956	PONUMBER-001	WAITING	OE00000081			
INTERCHANGE PARTNER: VENDOR-1	0000000006	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000006	0000000233	(GROUPS: 000001, RUN#: 00000006, RET DAYS: )					
GROUP PARTNER: VENDOR-1	0000000111	(TRANSACTIONS: 000001)	WAITING	OE00000102			
QUAL: 0000000003	0000000053		WAITING	OE00000101			
INTERCHANGE PARTNER: VENDOR-1	0000000007	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000007	00000001129	(GROUPS: 000001, RUN#: 00000007, RET DAYS: )					
GROUP PARTNER: VENDOR-1	0000001007	(TRANSACTIONS: 000001)	WAITING	OE00000122			
QUAL: 0000000004	0000000956	PONUMBER-001	WAITING	OE00000121			
INTERCHANGE PARTNER: VENDOR-1	0000000008	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000008	00000001119	(GROUPS: 000001, RUN#: 00000008, RET DAYS: )					
GROUP PARTNER: VENDOR-1	0000000997	(TRANSACTIONS: 000001)	WAITING	OE00000141			
QUAL: 0000000005	0000000946	PONUMBER-001	WAITING	OE00000061			
INTERCHANGE PARTNER: VENDOR-2	0000000002	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000002	00000000832	(GROUPS: 000001, RUN#: 00000001, RET DAYS: )					
GROUP PARTNER: VENDOR-2	0000000710	(TRANSACTIONS: 000001)	WAITING	OE00000005			
QUAL: 0000005863	0000000648	PONUMBER-002	WAITING	OE00000004			
INTERCHANGE PARTNER: VENDOR-2	0000000003	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000003	00000000832	(GROUPS: 000001, RUN#: 00000005, RET DAYS: )					
GROUP PARTNER: VENDOR-2	0000000710	(TRANSACTIONS: 000001)	WAITING	OE00000085			
QUAL: 0000005864	0000000648	PONUMBER-002	WAITING	OE00000084			
INTERCHANGE PARTNER: VENDOR-2	0000000004	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		NETWORK :			
QUAL: 0000000004	00000000832	(GROUPS: 000001, RUN#: 00000007, RET DAYS: )					
GROUP PARTNER: VENDOR-2	0000000710	(TRANSACTIONS: 000001)	WAITING	OE00000125			
QUAL: 0000005865	0000000648	PONUMBER-002	WAITING	OE00000124			

Verifying the reports completes this test and confirms that the Outbound EDI Databank Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



- After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          INBOUND EDI DATABANK MAINTENANCE
REPORT ID : EDID351-IE-SUM     SUMMARY REPORT           VERSION: 6.6
```

```
PROGRAM EDID351  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
```

OPTIONS USED THIS RUN

```
-----
REALTIME-PATH-USED           = IEDE
PATH-DESCRIPTION            = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION         = HOUSEKEEPING
ARCHIVE                      = YES
DATABANK-CONFIGURATION      = FULL
DATABANK-DELETE-LEVEL      = ALL
DATABANK-DIRECTORY-LEVEL   = INTERCHANGE
REPORT-TYPE                  = FULL
RETENTION-DAYS-LOADED      = 000
TRADING-PROFILE-MODE       = PARTNER-QUALIFIER
REPORT-PRINT-SW            = NO
AUDIT-RPT-SUPPRESS         = NO
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          INBOUND EDI DATABANK MAINTENANCE
REPORT ID : EDID351-IE-SUM     SUMMARY REPORT           VERSION: 6.6
```

```
INTERCHANGE RECORDS READ      :      7
INTERCHANGE RECORDS PURGED    :      7
INTERCHANGE RECORDS ARCHIVED  :      7
GROUP RECORDS PURGED         :      7
GROUP RECORDS ARCHIVED       :      7
TRANSACTION RECORDS PURGED   :     30
TRANSACTION RECORDS ARCHIVED :     30
OTHER RECORDS ARCHIVED       :     14
OTHER RECORDS PURGED         :      7
MESSAGE-STORE RECORDS PURGED :     12
MESSAGE-STORE RECORDS ARCHIVED :     12
TOTAL RECORDS ARCHIVED       :     58
TOTAL RECORDS PURGED         :     51
```

```
NUMBER OF ERRORS THIS RUN    :      0
HIGHEST RETURN CODE THIS RUN :      0
***** END OF SUMMARY REPORT *****
```

REPORT DATE: 06/01/2011  
PROGRAM EDID351 COMPILED ON 06/01/11 AT 12.00.00  
REPORT TIME: 12:00:00  
REPORT ID : EDID351-IE-AUD

GENTRAN:REALTIME  
VERSION 6.6  
INBOUND EDI DATABANK MAINTENANCE  
AUDIT TRAIL

PAGE : 00001  
VERSION: 6.6

ENVELOPE REFERENCE ID	CHARACTER COUNT	USER-REFERENCE	ACK STATUS	REFERENCE TAG	RET DAYS
DROPPED DOCUMENTS					
INTERCHANGE PARTNER: VENDOR-1	0000000005	(GROUPS: 0000006392)	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		
GROUP PARTNER: VENDOR-1	0000006270	(TRANSACTIONS: 0000006)			
QUAL: 000000007	000001021	INV01	ACCEPT	IE00000002	
QUAL: 000070001	000001021	INV01	ACCEPT	IE00000001	
QUAL: 000070002	000001034	INV02	ACCEPT	IE00000004	
QUAL: 000070003	000001032	INV03	ACCEPT	IE00000005	
QUAL: 000070004	000001036	INV04	ACCEPT	IE00000006	
QUAL: 000070005	000001038	INV05	ACCEPT	IE00000007	
QUAL: 000070006	000001034	INV06	ACCEPT	IE00000008	
INTERCHANGE PARTNER: VENDOR-1	0000000005	(GROUPS: 0000006392)	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		
GROUP PARTNER: VENDOR-1	0000006270	(TRANSACTIONS: 0000006)			
QUAL: 000000007	000001021	INV01	ACCEPT	IE00000020	
QUAL: 000070001	000001034	INV02	ACCEPT	IE00000019	
QUAL: 000070002	000001032	INV03	ACCEPT	IE00000022	
QUAL: 000070003	000001036	INV04	ACCEPT	IE00000023	
QUAL: 000070004	000001038	INV05	ACCEPT	IE00000024	
QUAL: 000070005	000001038	INV05	ACCEPT	IE00000025	
QUAL: 000070006	000001034	INV06	ACCEPT	IE00000026	
INTERCHANGE PARTNER: VENDOR-1	0000000005	(GROUPS: 0000006392)	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		
GROUP PARTNER: VENDOR-1	0000006270	(TRANSACTIONS: 0000006)			
QUAL: 000000007	000001021	INV01	ACCEPT	IE00000028	
QUAL: 000070001	000001034	INV02	ACCEPT	IE00000027	
QUAL: 000070002	000001032	INV03	ACCEPT	IE00000030	
QUAL: 000070003	000001036	INV04	ACCEPT	IE00000031	
QUAL: 000070004	000001038	INV05	ACCEPT	IE00000032	
QUAL: 000070005	000001038	INV05	ACCEPT	IE00000033	
QUAL: 000070006	000001034	INV06	ACCEPT	IE00000034	
INTERCHANGE PARTNER: VENDOR-5	000000000000155	(GROUPS: 0000001525)	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		
GROUP PARTNER: VENDOR-5	0000001525	(TRANSACTIONS: 0000001)			
QUAL: 00000000000155	0000001525		ACCEPT	IE00000010	
QUAL: 0000000002155	0000001340		UNKNOWN	IE00000009	
INTERCHANGE PARTNER: VENDOR-5	000000000000155	(GROUPS: 0000001525)	(OUTPUT: 06/01/2011 12:00, STATUS - ACK: )		
GROUP PARTNER: VENDOR-5	0000001525	(TRANSACTIONS: 0000001)			
QUAL: 00000000000155	0000001525		ACCEPT	IE00000043	
QUAL: 0000000002155	0000001340		UNKNOWN	IE00000042	

Verifying the reports completes this test and confirms that the Inbound EDI Databank Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



- After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          INBOUND APPLICATION DATABANK MAINTENANCE
REPORT ID : EDID451-IA-SUM      SUMMARY REPORT          VERSION: 6.6

```

```
PROGRAM EDID451  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
```

```
OPTIONS USED THIS RUN
-----
```

```

REALTIME-PATH-USED              = IADB
PATH-DESCRIPTION                 = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION             = HOUSEKEEPING
ARCHIVE                          = YES
DATABANK-CONFIGURATION          = FULL
DATABANK-DELETE-LEVEL           = ALL
RETENTION-DAYS-PROCESSED        = 000
RETENTION-DAYS-UNPROCESSED      = 000
TRADING-PROFILE-MODE            = PARTNER-QUALIFIER
STRUCTURE/APPL-SW               = APPLICATION
REPORT-PRINT-SW                 = NO
AUDIT-RPT-SUPPRESS              = NO

```

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          INBOUND APPLICATION DATABANK MAINTENANCE
REPORT ID : EDID451-IA-SUM      SUMMARY REPORT          VERSION: 6.6

```

```

DIRECTORY RECORDS READ          :      22
DIRECTORY RECORDS PURGED        :      22
DIRECTORY RECORDS ARCHIVED      :      22
MESSAGE STORE RECORDS PURGED    :     440
MESSAGE STORE RECORDS ARCHIVED  :     440
EDI LINK RECORDS PURGED         :      22
INTERRUPTED MSG-STORE RECS PURGED :      0

```

```

NUMBER OF ERRORS THIS RUN       :      0
HIGHEST RETURN CODE THIS RUN    :      0
***** END OF SUMMARY REPORT *****

```



PAGE : 00001

VERSION: 6.6

GENTRAN:REALTIME  
 PROGRAM EDID451 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6  
 INBOUND APPLICATION DATABANK MAINTENANCE  
 REPORT ID : EDID451-IA-AUD  
 AUDIT TRAIL

DROPPED DOCUMENTS

PARTNER	QUAL	USER REFERENCE	REF TAG	APPL ID	DB RUN#	RET DAYS
VENDOR-1		INV01	IE00000001	INVFILE	00000001	
VENDOR-1		INV01	IE00000019	INVFILE	00000004	
VENDOR-1		INV01	IE00000027	INVFILE	00000005	
VENDOR-1		INV02	IE00000004	INVFILE	00000001	
VENDOR-1		INV02	IE00000022	INVFILE	00000004	
VENDOR-1		INV02	IE00000030	INVFILE	00000005	
VENDOR-1		INV03	IE00000005	INVFILE	00000001	
VENDOR-1		INV03	IE00000023	INVFILE	00000004	
VENDOR-1		INV03	IE00000031	INVFILE	00000005	
VENDOR-1		INV04	IE00000006	INVFILE	00000001	
VENDOR-1		INV04	IE00000024	INVFILE	00000004	
VENDOR-1		INV04	IE00000032	INVFILE	00000005	
VENDOR-1		INV05	IE00000007	INVFILE	00000001	
VENDOR-1		INV05	IE00000025	INVFILE	00000004	
VENDOR-1		INV05	IE00000033	INVFILE	00000005	
VENDOR-1		INV06	IE00000008	INVFILE	00000001	
VENDOR-1		INV06	IE00000026	INVFILE	00000004	
VENDOR-1		INV06	IE00000034	INVFILE	00000005	
VENDOR-5		AQ210267	IE00000009	INVFILE-ED	00000002	
VENDOR-5		AQ210267	IE00000042	INVFILE-ED	00000007	
VENDOR-6		REF:IE00000012	IE00000012	DELVFILE	00000003	
VENDOR-6		REF:IE00000035	IE00000035	DELVFILE	00000006	

\*\*\* SYNCPOINT PERFORMED\*\*\*\*\*  
 \*\*\*\*\* END OF AUDIT REPORT \*\*\*\*\*

Verifying the reports completes this test and confirms that the Inbound Application Databank Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00           ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID : EDI118              SUMMARY REPORT              VERSION: 6.6

      OPTIONS USED THIS RUN
      -----
REQUESTED-OPERATION              = PROCESS
MONITOR                          = YES
MONITOR-LEVEL                    = NORMAL
MONITOR-REPORT                   = ALL
MONITOR-SATURDAY                 = NO
MONITOR-SUNDAY                   = NO
RECONCILE                        = YES
TRADING-PROFILE-MODE             = PARTNER-QUALIFIER
VIEWPOINT                        = NO
DELETE-UNMATCHED-IND            = YES
UNMATCHED-QUEUE-NBR             = 099
      PROCESSING SUMMARY
      -----

RECONCILIATION PROCESSING
INTERCHANGES                    :          0
GROUPS                          :          0
TRANSACTIONS                     :          0
UNMATCHED                       :          0
TOTAL                            :          0

EXPECTED ACKNOWLEDGEMENTS OVERDUE
INTERCHANGES                    :          0
GROUPS                          :          0
TRANSACTIONS                     :          0
TOTAL                            :          0
DELETED COUNT                   :          0

NUMBER OF ERRORS THIS RUN        :          0
HIGHEST RETURN CODE THIS RUN    :          0
***** NORMAL END OF JOB *****
    
```

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE: 00001
REPORT TIME: 12:00:00           ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID : EDI116              RECONCILIATION REPORT              VERSION: 6.6

PARTNER                          QUAL USER REFERENCE          TRANSACTION   EXPECTED   ACK
TIME  STATUS                     ENVELOPE REF   DATE

***** NORMAL END OF JOB *****
    
```

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE: 00001
REPORT TIME: 12:00:00           ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID : EDI117              EXPECTED ACKNOWLEDGEMENT MONITORING REPORT
                                  VERSION: 6.6

PARTNER                          QUAL USER REFERENCE          TRANSACTION   SENT       EXPECTED
TIME  DATE                       TIME                     ENVELOPE REF DATE

***** NORMAL END OF JOB *****
    
```

```
PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE: 00001
REPORT TIME: 12:00:00          ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID  : EDI115            ERROR MESSAGE LOG REPORT          VERSION: 6.6

MSG NR      MESSAGE DESCRIPTION
***** NORMAL END OF JOB *****
```

Verifying the reports completes this test and confirms that the Acknowledgement Reconciliation/Monitor process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Change Audit Maintenance

**Step 32** Test the Change Audit Maintenance process (EDID552).

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- On a blank CICS screen, type **EDIG** and press **Enter**.

The system displays the following messages:

```
PROCESSING CHANGE AUDIT MAINTENANCE
COMPLETED CHANGE AUDIT MAINTENANCE
```

- Type **8.3** in the Jump Code field of any Sterling Gentran CICS screen to display the Report Selection screen (EDIM310) to view the reports generated by the test.

```
Select Print Log Exception Activity
EDIM310 8.3_____ REPORT SELECTION          XXX  06/01/2011
                                                12:00:00

Path ID.....: ____ Process.....: _____
Line Incrmt..: ____ Cond Code...: _ (Y)
From Date.....: _____ To Date....: _____ (MM/DD/YYYY)
From Time.....: _____ To Time....: _____ (HH:MM:SS)
Task #.....: _____ Max Srch...: 0450
Print Job Name: _____

  Generation      Path  Process   Con  Task      Control
  A  Date        Time  ID      Name   St Cd   #      Description  Address
  _  06/01/2011 12:00:00 000  CA-SUM   00   1     1  CA MAINT      1
  _  06/01/2011 12:00:00 000  CA-AUD   00   1     1  CA MAINT      2
  _
  _
  _
  _
  _
  _
  _
  _

Enter PF1=Help          PF3=Exit              PF5=Action
      PF7=Bwd  PF8=Fwd
```

- Select each of the two reports (**CA-SUM** and **CA-AUD**) by moving the cursor to the A (Action Code) field to the left of each report, typing an **s**, and pressing **PF5=Action** to display the Report Display screen (EDIM311).

The following are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          DATABANK CHANGE AUDIT MAINTENANCE
REPORT ID : EDID552-CA-SUM      SUMMARY REPORT          VERSION: 6.6

PROGRAM EDID552  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

  OPTIONS USED THIS RUN
  -----

REALTIME-PATH-USED              = CADE
DESCRIPTION                     = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION             = HOUSEKEEPING
ARCHIVE                         = NO
DATABANK                       = ALL
RETENTION-DAYS-UPDATE-APPLIED  = 000
RETENTION-DAYS-UPDATE-ONLINE   = 000
TRADING-PROFILE-MODE           = PARTNER-QUALIFIER
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          DATABANK CHANGE AUDIT MAINTENANCE
REPORT ID : EDID552-CA-SUM      SUMMARY REPORT          VERSION: 6.6

CHANGE AUDIT RECORDS READ       :          0
CHANGE AUDIT RECORDS PURGED     :          0
CHANGE AUDIT RECORDS ARCHIVED  :          0

NUMBER OF ERRORS THIS RUN       :          0
HIGHEST RETURN CODE THIS RUN   :          0
***** END OF SUMMARY REPORT *****
    
```

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
PROGRAM EDID552  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT TIME: 12:00:00          DATABANK CHANGE AUDIT MAINTENANCE
REPORT ID : EDID552-CA-AUD      AUDIT TRAIL          VERSION: 6.6

                                DROPPED DOCUMENTS

***** END OF AUDIT REPORT *****
    
```

Verifying the reports completes this test and confirms that the Change Audit Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Batch Maintenance

Perform the installation verification steps in this section to ensure that the batch maintenance programs that create reports are installed properly.

**Note:** If Sterling Gentran:Basic is installed on your system, skip the batch maintenance verification sections because these tests were already performed during the Sterling Gentran:Basic Installation Verification Procedure. If you skip these sections, the installation verification procedures are now complete.

### Batch Partner Print

**Step 33** Run the Batch Partner Print program (EBDI006).

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Modify JCL member **EXEC006** to meet your installation requirements and submit.

**Note:** The parameter for Step 01 in SYS030 should be **PRINT ALL**.

- Verify that the return codes equal **0**.
- Compare your reports with the following sample reports.

**Note:** The values in some of the fields may not match those produced by your run. Verify that the layout of the report is the same and that inconsistencies did not occur.

Sample SYS010 DD Output from EBDI006B

```

EBDI006B  RUN DATE 06/01/2011          FORMATTED PARTNER FILE REPORT          RUN TIME 12:00:00  PAGE  1
PARTNER ID: !!!GENTRAN-RESERVED-PARTNER-ID-1  QUAL:

  P A R T N E R   H E A D E R   I N F O R M A T I O N
*****
DESCRIPTION:  GENTRAN RESERVED PARTNER

UNDERScore CHARACTER.....:
DIVISION.....: 000
UPDATE ALLOWED.....: N
EBDI006B  RUN DATE 06/01/2011          FORMATTED PARTNER FILE REPORT          RUN TIME 12:00:00  PAGE  2
PARTNER ID: !!!GENTRAN-RESERVED-PARTNER-ID-1  QUAL:

  P A R T N E R   C O N T R O L   I N F O R M A T I O N
*****
MULTIPLE ENVELOPE ID.....:          VERSION:
INTERCHANGE HEADER OPTION....: ISA
LAST INCOMING SEQUENCE NUMBER:
EDI DATABANK INBOUND.....: D          OUTBOUND.....: F
EXPECT A TA1, AC1, OR UCI....: N      NETWORK TRACKING.: Y
ACKNOWLEDGE INTERCHANGE.....:        ERRORS.....:
LAST INCOMING BG PASSWORD....:        SYNTAX VERSION...:
MAILBOX/REMOTE ID (FOR PLUS)..:
NETWORK ID. (FOR PLUS).....:
VIEWPOINT - EXCEPTION.....:          TRACKING.....:
RECONCILIATION DELAY (DAYS)...:

OUTBOUND ENVELOPE INFORMATION FOR ISA SEGMENT:
AUTHORIZATION QUAL....ISA01:          AUTHORIZATION.ISA02:
SECURITY CODE QUAL....ISA03:          SECURITY CODE.ISA04:
SENDER ID QUAL.....ISA05:             SENDER ID....ISA06:
RECEIVER ID QUAL.....ISA07:           RECEIVER ID...ISA08:
REPEAT SEP / STDS ID..ISA11:          OR HEX
VERSION.....ISA12:                     USE.....:
CONTROL NUMBER.....ISA13:              ACK REQUESTED.ISA14:  0
TEST OR PRODUCTION...ISA15:
SUBELEMENT SEPARATOR..ISA16:          OR HEX
ELEMENT SEPARATOR.....:                OR HEX
SEGMENT TERMINATOR.....:                OR HEX
EBDI006B  RUN DATE 06/01/2011          FORMATTED PARTNER FILE REPORT          RUN TIME 12:00:00  PAGE  3
PARTNER ID: !!!GENTRAN-RESERVED-PARTNER-ID-1  QUAL:

  P A R T N E R   G R O U P   I N F O R M A T I O N
*****
GROUP ID.. !!!DFT MULTIPLE ENV ID:      VERSION:
COMPLIANCE VERSION.....:                VERSION USE:
ACCEPT FLAG.....:                        SEND FLAG..:
EXPECT A AK1, B5, OR UCF.....:
ACKNOWLEDGE GROUP OR TRANSACTION...:
ACKNOWLEDGEMENT OVERDUE AFTER.....:    :   HHH:MM
ALTERNATE ACKNOWLEDGEMENT PARTNER...:
ALTERNATE PARTNER QUALIFIER.....:
LAST INCOMING CONTROL NUMBER.....:
EDI DATABANK INBOUND.....: D            OUTBOUND...: D
VIEWPOINT - EXCEPTION.....:            TRACKING...:

OUTBOUND ENVELOPE INFORMATION FOR GS SEGMENT:
FUNCTIONAL GROUP ID.....GS01:          !!!DFT
APPLICATIONS SENDERS CODE.....GS02:
APPLICATIONS RECEIVERS CODE.....GS03:
CONTROL NUMBER.....GS06:
RESPONSIBLE AGENCY CODE.....GS07:
VERSION.....GS08:
TRANSACTION SEGMENT ID.....:
TRANSACTION CONTROL NUMBER.....:
EBDI006B  RUN DATE 06/01/2011          FORMATTED PARTNER FILE REPORT          RUN TIME 12:00:00  PAGE  4
PARTNER ID: !!!GENTRAN-RESERVED-PARTNER-ID-1  QUAL:
    
```



Continued – Sample SYS010 DD Output from EBDI006B

```

PARTNER TRANSACTION INFORMATION
*****
TRANSACTION ID.....: 997      MULTIPLE ENV ID:      VERSION:
FUNCTIONAL GROUP ID.....:
TEST OR PRODUCTION.....: T
TRANSLATION MAP ID INBOUND.....:      OUTBOUND.....:
EDI DATABANK INBOUND.....: D      OUTBOUND.....: D
APPLICATION DATABANK INBOUND.....: F      OUTBOUND.....: D
LAST INCOMING CONTROL NUMBER.....:
ACCEPT TRANSACTION INBOUND.....: Y
SEND TRANSACTION OUTBOUND.....: Y
EXPECT AN AKZ OR UCM.....: N
ACKNOWLEDGE THIS TRANSACTION.....: Y
TRANSACTION ACKNOWLEDGMENT TYPE.: 997
VIEWPOINT - EXCEPTION.....:      TRACKING.....:

OUTBOUND ENVELOPE INFORMATION FOR ST SEGMENT:
TRANSACTION SET IDENTIFIER.....ST01: 997
CONTROL NUMBER.....ST02: 000000000
IMPLEMENTATION CONVENTION.....ST03:
VERSION.....:

PARTNER NAME AND ADDRESS
*****
NAME...: GENTRAN RESERVED PARTNER
ADDRESS:
:
:
:
CITY...:
STATE...:
ZIP...: - COUNTRY CODE:
CONTACT:
PHONE...: ( ) - EXT.
INTERNATIONAL DIAL CODE: 000
***** END OF TRADING PARTNER *****

```

**Note:** Your report may list additional partners.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Batch Mapping Report – Standard Sequence**

**Step 34** Run the Batch Mapping Report – Standard Sequence Program (EBDI052).

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Modify JCL member **EXEC052** to meet your installation requirements and submit.

**Note:** The parameter for Step 02 in SYS001 should be **ANSI4030POSALLY**.

- Verify that the return codes equal **0**.
- Compare your reports with the following sample reports.

**Note:** The values in some of the fields may not match those produced by your run. Verify that the layout of the report is the same and that inconsistencies did not occur.

Sample SYS005 DD Output from EBDI052

```

GENTRAN MAPPING INTEGRATION  EBDI052          M A P P I N G  R E P O R T  (STANDARD SEQUENCE)          PAGE 1
TRANSLATION ID....ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION... 004030          X TRANSACTION SET: 850          USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID....POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE
-----
TRANSLATION CREATED FROM STANDARDS VERSION: 004030

TRADING PARTNER FIELDS: 001-VENDOR          QUAL :          INTERNAL FIELDS:          QUAL :

SEQ  H/D  ID  VER  M          MAX LOOP  MAX L          DESCRIPTION          ALT  WRITE FLAG
SEQ  SEQ  C  ELE  VER TYPE  MIN  MAX          MAP FIELD/CONSTANT  DESCRIPTION          LENGTH TYPE MSG

00100 H BEG 00  M          1          BEGINNING SEGMENT FOR PUR          YES
      010  M 353 00  ID  2  2          TRANSACTION SET          '00'          ORIGINAL
      020  M 92  00  ID  2  2          PURCHASE ORDER T          'NE'          NEW ORDER
      030  M 324 00 AN  1  22          PURCHASE ORDER N          001-PO-NUMBER  PO NUMBER          (SORT KEY)  12  AN
      040  O 328 00  AN  1  30          RELEASE NUMBER          **
      050  M 373 00  DT  8  8          DATE          001-PO-DATE    PO DATE          6  MM
      060  O 367 00  AN  1  30          CONTRACT NUMBER          **
      070  O 587 00  ID  2  2          ACKNOWLEDGMENT T          **
      080  O 1019 00 ID  3  3          INVOICE TYPE COD          **
      090  O 1166 00 ID  2  2          CONTRACT TYPE CO          **
      100  O 1232 00 ID  2  2          PURCHASE CATEGOR          **
      110  O 786  00  ID  2  2          SECURITY LEVEL C          **
      120  O 640  00  ID  2  2          TRANSACTION TYPE          **

01600 H DTM 00  O          10          DATE/TIME REFERENCE          YES
      010  M 374 00  AN  3  3          DATE/TIME QUALIF          '010'
      020  C 373 00  DT  8  8          DATE          001-SHIP-DATE  REQUESTED SHIP DATE          6  MM
      030  C 337 00  T8  4  8          TIME          **
      040  O 623  00  ID  2  2          TIME CODE          **
      050  C 1250 00 ID  2  3          DATE TIME PERIOD          **
      060  C 1251 00 AN  1  35          DATE TIME PERIOD          **

04600 H N1 00  O          1          NAME          YES
      010  M 98  00  AN  2  3          ENTITY IDENTIFIE          'BT'
      020  C 93  00  AN  1  60          NAME          001-BILL-NAME  BILL TO NAME          25  AN
      030  C 66  00  ID  1  2          IDENTIFICATION C          '1'          D-U-N-S NUMBER, DUN & BRAD
      040  C 67  00  AN  2  80          IDENTIFICATION C          '987654321'
      050  O 706  00  ID  2  2          ENTITY RELATIONS          **
      060  O 98  00  AN  2  3          ENTITY IDENTIFIE          **

04605 H N3 00  O          1          ADDRESS INFORMATION          YES
      010  M 166 00  AN  1  55          ADDRESS INFORMAT          001-BILL-ADDR  BILL TO ADDRESS          25  AN
      020  O 166 00  AN  1  55          ADDRESS INFORMAT          **

04610 H N4 00  O          1          GEOGRAPHIC LOCATION          YES
      010  O 19  00  AN  2  30          CITY NAME          001-BILL-CITY  BILL TO CITY          25  AN
      020  C 156 00  ID  2  2          STATE OR PROVINC          001-BILL-STATE  BILL TO STATE          2  AN
      030  O 116  00  SF  3  15          POSTAL CODE          **
      031  O          00  AN  5  5          STANDARD ZIP COD          001-BILL-ZIP   BILL TO ZIP          5  AN
      032  O          00  AN  4  4          ZIP CODE EXTENSI          001-BILL-ZIP-XT BILL TO ZIP EXTENSION          4  AN
      040  C 26  00  ID  2  3          COUNTRY CODE          **
      050  C 309 00  ID  1  2          LOCATION QUALIFI          **
      060  O 310  00  AN  1  30          LOCATION IDENTIF          **
      070  C 1715 00 ID  1  3          COUNTRY SUBDIVIS          **

04620 H PER 00  O          1          ADMINISTRATIVE COMMUNICAT          YES
      010  M 366 00  ID  2  2          CONTACT FUNCTION          'BD'          BUYER NAME OR DEPARTMENT
          IF 001-BILL-PHONE  GT ' '
    
```

Continued – Sample SYS005 DD Output from EBDI052

```

GENTRAN MAPPING INTEGRATION EBDI052          M A P P I N G   R E P O R T   (STANDARD SEQUENCE)          PAGE 2

TRANSLATION ID....ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION...: 004030          X TRANSACTION SET: 850          USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID....POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE
-----
SEQ  H/D  ID  VER  M  MAX LOOP  MAX L  DESCRIPTION  ALT  WRITE FLAG
      SEQ  C ELE  VER TYPE  MIN  MAX  MAP FIELD/CONSTANT  DESCRIPTION  LENGTH TYPE MSG

      020  O 93  00  AN  1  60  NAME  **
      030  C 365 00  ID  2  2  COMMUNICATION NU  IF  'TE' TELEPHONE
      040  C 364 00  AN  1 256  COMMUNICATION NU  IF 001-BILL-PHONE GT ' ' 001-BILL-PHONE BILL TO PHONE NUMBER 12 AN
      050  C 365 00  ID  2  2  COMMUNICATION NU  **
      060  C 364 00  AN  1 256  COMMUNICATION NU  **
      070  C 365 00  ID  2  2  COMMUNICATION NU  **
      080  C 364 00  AN  1 256  COMMUNICATION NU  **
      090  O 443 00  AN  1  20  CONTACT INQUIRY  **

05000 H N1  00  O  1  NAME  YES
      010  M 98  00  AN  2  3  ENTITY IDENTIFIE  'VN'
      020  C 93  00  AN  1  60  NAME  001-VEND-NAME VENDOR NAME 25 AN
      030  C 66  00  ID  1  2  IDENTIFICATION C  '1' D-U-N-S NUMBER, DUN & BRAD
      040  C 67  00  AN  2  80  IDENTIFICATION C  001-VENDOR VENDOR NUMBER (SORT KEY) 8 AN
      050  O 706 00  ID  2  2  ENTITY RELATIONS  **
      060  O 98  00  AN  2  3  ENTITY IDENTIFIE  **
      TRANSLATION TABLE ID: DUNS

05010 H N3  00  O  1  ADDRESS INFORMATION  YES
      010  M 166 00  AN  1  55  ADDRESS INFORMAT  001-VEND-ADDR VENDOR ADDRESS 25 AN
      020  O 166 00  AN  1  55  ADDRESS INFORMAT  **

05020 H N4  00  O  1  GEOGRAPHIC LOCATION  YES
      010  O 19  00  AN  2  30  CITY NAME  001-VEND-CITY VENDOR CITY 25 AN
      020  C 156 00  ID  2  2  STATE OR PROVINC  001-VEND-STATE VENDOR STATE 2 AN
      030  O 116 00  SF  3  15  POSTAL CODE  **
      031  O  00  AN  5  5  STANDARD ZIP COD  001-VEND-ZIP VENDOR ZIP 5 AN
      032  O  00  AN  4  4  ZIP CODE EXTENSI  001-VEND-ZIP-XT VENDOR ZIP EXTENSION 4 AN
      040  C 26  00  ID  2  3  COUNTRY CODE  **
      050  C 309 00  ID  1  2  LOCATION QUALIFI  **
      060  O 310 00  AN  1  30  LOCATION IDENTIF  **
      070  C 1715 00  ID  1  3  COUNTRY SUBDIVIS  **

05030 H PER 00  O  1  ADMINISTRATIVE COMMUNICAT  YES
      010  M 366 00  ID  2  2  CONTACT FUNCTION  'AD' ACCOUNTING DEPARTMENT
      020  O 93  00  AN  1  60  NAME  IF 001-VEND-PHONE GT ' '
      030  C 365 00  ID  2  2  COMMUNICATION NU  **
      040  C 364 00  AN  1 256  COMMUNICATION NU  IF  'TE' TELEPHONE
      050  C 365 00  ID  2  2  COMMUNICATION NU  IF 001-VEND-PHONE GT ' ' 001-VEND-PHONE VENDOR PHONE NUMBER 12 AN
      060  C 364 00  AN  1 256  COMMUNICATION NU  **
      070  C 365 00  ID  2  2  COMMUNICATION NU  **
      080  C 364 00  AN  1 256  COMMUNICATION NU  **
      090  O 443 00  AN  1  20  CONTACT INQUIRY  **

08200 D P01 00  M  1 1000 100000 BASELINE ITEM DATA  YES
      010  O 350 00  AN  1  20  ASSIGNED IDENTIF  ACCUMULATOR-01
      ADD 1 TO ACCUMULATOR #: 01
    
```

Continued – Sample SYS005 DD Output from EBDI052

GENTRAN MAPPING INTEGRATION EBDI052 MAPPING REPORT (STANDARD SEQUENCE) PAGE 3  
 TRANSLATION ID....ANSI4030PO SEND OR RECEIVE: S NAME: ANSI 004030 OUTBOUND POS DATE 06/01/2011  
 STANDARD VERSION...: 004030 X TRANSACTION SET: 850 USE CODE: G ENVELOPE TYPE: X TIME 12:00:00  
 APPLICATION ID....:POFILE SEND OR RECEIVE: S NAME: PURCHASE ORDER MASTER FILE

SEQ	H/D	ID	VER	M	MAX	LOOP	MAX	L	DESCRIPTION	ALT	WRITE FLAG	DESCRIPTION	LENGTH	TYPE	MSG
SEQ		SEQ		C	ELE	VER	TYPE	MIN	MAX	MAP	FIELD/CONSTANT				
020				C	330	00	R	1	15		005-QUANTITY	LINE ITEM QUANTITY	7	S2	
												ADD TO HASH TOTAL #: 01			
030				O	355	00	ID	2	2		005-UNT-OF-MEAS	QUANTITY UNIT OF MEASURE	4	AN	W
												TRANSLATION TABLE ID: UNITMEAS			
040				C	212	00	R	1	17		005-PRICE	UNIT PRICE	7	S2	
050				O	639	00	ID	2	2		**				
060				C	235	00	ID	2	2		'VN'	VENDOR'S (SELLER'S) ITEM N			
070				C	234	00	AN	1	48		005-ITEM-NUMBER	INTERNAL ITEM IDENTIFIER	15	AN	
080				C	235	00	ID	2	2		**				
090				C	234	00	AN	1	48		**				
100				C	235	00	ID	2	2		**				
110				C	234	00	AN	1	48		**				
120				C	235	00	ID	2	2		**				
130				C	234	00	AN	1	48		**				
140				C	235	00	ID	2	2		**				
150				C	234	00	AN	1	48		**				
160				C	235	00	ID	2	2		**				
170				C	234	00	AN	1	48		**				
180				C	235	00	ID	2	2		**				
190				C	234	00	AN	1	48		**				
200				C	235	00	ID	2	2		**				
210				C	234	00	AN	1	48		**				
220				C	235	00	ID	2	2		**				
230				C	234	00	AN	1	48		**				
240				C	235	00	ID	2	2		**				
250				C	234	00	AN	1	48		**				
09200	D	PID	00	O		1	1000				YES				
		010		M	349	00	ID	1	1		'F'	FREE-FORM			
										IF	005-ITEM-DESC	GT ' '			
020				O	750	00	ID	2	3		**				
030				C	559	00	ID	2	2		**				
040				C	751	00	AN	1	12		**				
050				C	352	00	AN	1	80		**				
060				O	752	00	ID	2	2		**				
070				O	822	00	AN	1	15		**				
080				O	1073	00	ID	1	1		**				
090				O	819	00	ID	2	3		**				
11000	D	DTM	00	O		10	1000				YES				
		010		M	374	00	AN	3	3		**				
020				C	373	00	DT	8	8		**				
030				C	337	00	T8	4	8		**				
040				O	623	00	ID	2	2		**				
050				C	1250	00	ID	2	3		**				
060				C	1251	00	AN	1	35		**				
20300	S	CTT	00	O		1					YES				
		010		M	354	00	N0	1	6		ACCUMULATOR-01				

GENTRAN MAPPING INTEGRATION EBDI052 MAPPING REPORT (STANDARD SEQUENCE) PAGE 4  
 TRANSLATION ID....ANSI4030PO SEND OR RECEIVE: S NAME: ANSI 004030 OUTBOUND POS DATE 06/01/2011  
 STANDARD VERSION...: 004030 X TRANSACTION SET: 850 USE CODE: G ENVELOPE TYPE: X TIME 12:00:00  
 APPLICATION ID....:POFILE SEND OR RECEIVE: S NAME: PURCHASE ORDER MASTER FILE

SEQ	H/D	ID	VER	M	MAX	LOOP	MAX	L	DESCRIPTION	ALT	WRITE FLAG	DESCRIPTION	LENGTH	TYPE	MSG
SEQ		SEQ		C	ELE	VER	TYPE	MIN	MAX	MAP	FIELD/CONSTANT				
020				O	347	00	R	1	10		HASH-TOTAL-01				
030				C	81	00	R	1	10		**				
040				C	355	00	ID	2	2		**				
050				C	183	00	R	1	8		**				
060				C	355	00	ID	2	2		**				
070				O	352	00	AN	1	80		**				

Sample SYS005 DD Output from EBDI061

```

GENTRAN MAPPING INTEGRATION EBDI061          M A P P I N G   R E P O R T   (SUMMARY SECTION)          PAGE 1
TRANSLATION ID: ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION: 004030 X          TRANSACTION SET: 850        USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID: POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE
SEG ID VER      SEGMENT SEQ      ELEMENT SEQ      MAPPING NO      CONDITIONAL STATEMENTS
-----
ADD 1 TO ACCUMULATOR #: 01
PO1 00          08200          000          00
      MOVED ACCUMULATOR #: 01
PO1 00          08200          000          00
CTT 00          20300          000          00
      ADD TO HASH TOTAL #: 01
PO1 00          08200          000          00
      MOVED HASH TOTAL #: 01
      ELEMENT = 005-QUANTITY
CTT 00          20300          000          00
      ELEMENT = HASH-TOTAL-01
GENTRAN MAPPING INTEGRATION EBDI061          M A P P I N G   R E P O R T   (SUMMARY SECTION)          PAGE 2
TRANSLATION ID: ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION: 004030 X          TRANSACTION SET: 850        USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID: POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE
SEG ID VER      SEGMENT SEQ      ELEMENT SEQ      MAPPING NO      CONDITIONAL STATEMENTS
-----
TRANSLATION TABLE ID: DUNS          PARTNER ID:          QUAL:
TYPE: DATA          DESCRIPTION: INTERNAL TO EDI DUNS CONVERSION
N1 00          05000          000          00
      ELEMENT = 001-VENDOR
      PARTNER VALUE          APPLICATION VALUE          DESCRIPTION
-----
121212121          VENDOR-1          ABC COMPUTER STORE
333333333          VENDOR-2          BULK PAPER COMPANY
999999999          VENDOR-3          TWO-WAY COMMUNICATIONS INC.
012345678          VENDOR-4          RANDOM OFFICE SUPPLY
111111          222222
111111          333333
222222          333333X
    
```

Continued – Sample SYS005 DD Output from EBDI061

SEG ID	VER	SEGMENT SEQ	ELEMENT SEQ	MAPPING NO	CONDITIONAL STATEMENTS
<p>GENTRAN MAPPING INTEGRATION EBDI061 MAPPING REPORT (SUMMARY SECTION) PAGE 3</p> <p>TRANSLATION ID: ANSI4030PO SEND OR RECEIVE: S NAME: ANSI 004030 OUTBOUND POS DATE 06/01/2011</p> <p>STANDARD VERSION: 004030 X TRANSACTION SET: 850 USE CODE: G ENVELOPE TYPE: X TIME 12:00:00</p> <p>APPLICATION ID: POFILE SEND OR RECEIVE: S NAME: PURCHASE ORDER MASTER FILE</p>					
<p>TRANSLATION TABLE ID: UNITMEAS PARTNER ID: QUAL:</p> <p>TYPE: CODE DESCRIPTION: INTERNAL TO EDI UNIT OF MEASURE</p>					
P01	00	08200	000	00	ELEMENT = 005-UNT-OF-MEAS
		STANDARD CODE	USER CODE	DESCRIPTION	
<p>AA BALL</p> <p>AB BULK PACK</p> <p>AC ACRE</p> <p>AD BYTES</p> <p>AE AMPERES PER METER</p> <p>AF CENTIGRAM</p> <p>AH ADDITIONAL MINUTES</p> <p>AI AVERAGE MINUTES PER CALL</p> <p>AJ COP</p> <p>AK FATHOM</p> <p>AL ACCESS LINES</p> <p>AM AMPOULE</p> <p>AN MINUTES OR MESSAGES</p> <p>AP ALUMINUM POUNDS ONLY</p> <p>AQ ANTI-HEMOPHILIC FACTOR (AHF) U</p> <p>AR SUPPOSITORY</p> <p>AS ASSORTMENT</p> <p>AT ATMOSPHERE</p> <p>AU OCULAR INSERT SYSTEM</p> <p>AV CAPSULE</p> <p>AW POWDER-FILLED VIALS</p> <p>AX TWENTY</p> <p>AY ASSEMBLY</p> <p>AZ BRITISH THERMAL UNITS (BTUS) P</p> <p>A8 DOLLARS PER HOURS</p> <p>BA BALE</p> <p>BB BASE BOX</p> <p>BC BUCKET</p> <p>BD BUNDLE</p> <p>BE BEAM</p> <p>BF BOARD FEET</p> <p>BG BAG</p> <p>BH BRUSH</p> <p>BI BAR</p> <p>BJ BAND</p> <p>BK BOOK</p> <p>BL BLOCK</p> <p>BM BOLT</p> <p>BN BULK</p> <p>BO BOTTLE</p> <p>BP 100 BOARD FEET</p> <p>BQ BRAKE HORSE POWER</p>					

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Batch Mapping Report – Application Sequence**

**Step 35** Run the Batch Mapping Report – Application Sequence program (EBDI053).

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Modify JCL member **EXEC053** to meet your installation requirements and submit.

**Note:** The parameter for Step 02 in SYS001 should be **ANSI4030POSALLY**.

- Verify that the return codes equal **0**.
- Compare your reports with the following sample reports.

**Note:** The values in some of the fields may not match those produced by your run. Verify that the layout of the report is the same and that inconsistencies did not occur.



Sample SYS005 DD Output from EBDI053

GENTRAN MAPPING INTEGRATION EBDI053 MAPPING REPORT (APPLICATION SEQUENCE) PAGE 1  
 TRANSLATION ID: ANSI4030PO SEND OR RECEIVE: S NAME: ANSI 004030 OUTBOUND POS DATE 06/01/2011  
 STANDARD VERSION: 004030 /X TRANSACTION SET: 850 USE CODE: G ENVELOPE TYPE: X TIME 12:00:00  
 APPLICATION ID: POFILE SEND OR RECEIVE: S NAME: PURCHASE ORDER MASTER FILE

SEQ SEQ C	M TYPE ELEMENT	H/D	LOOP TYP	MAX U LEN	START	DESCRIPTION	ALT MAP	SEG SEQ	WRITE FLAG SEG SV ELE DESCRIPTION	TYPE	MIN	MAX MSG
010	M 001	H		1		PO HEADER RECORD						
010	M 001-VENDOR		AN	8	1	VENDOR NUMBER (SORT KEY)	05000	N1 00 000	IDENTIFICATION CO	AN	2	80
									TRANSLATION TABLE ID: DUNS			
020	M 001-PO-NUMBER		AN	12	9	PO NUMBER (SORT KEY)	00100	BEG 00 00030	PURCHASE ORDER NU	AN	1	22
030	M 001-REC-TYPE		AN	3	21	RECORD TYPE (SORT KEY)						
040	M 001-PO-DATE		MM	6	24	PO DATE	00100	BEG 00 00050	DATE	DT	8	8
050	M 001-BILL-NAME		AN	25	30	BILL TO NAME	04600	N1 00 00020	NAME	AN	1	60
060	O 001-BILL-ADDR		AN	25	55	BILL TO ADDRESS	04605	N3 00 00010	ADDRESS INFORMATI	AN	1	55
070	O 001-BILL-CITY		AN	25	80	BILL TO CITY	04610	N4 00 00010	CITY NAME	AN	2	30
080	O 001-BILL-STATE		AN	2	105	BILL TO STATE	04610	N4 00 00020	STATE OR PROVINCE	ID	2	2
090	O 001-BILL-ZIP		AN	5	107	BILL TO ZIP	04610	N4 00 00031	STANDARD ZIP CODE	AN	5	5
100	M 001-VEND-NAME		AN	25	112	VENDOR NAME	05000	N1 00 00020	NAME	AN	1	60
110	O 001-VEND-ADDR		AN	25	137	VENDOR ADDRESS	05010	N3 00 00010	ADDRESS INFORMATI	AN	1	55
120	O 001-VEND-CITY		AN	25	162	VENDOR CITY	05020	N4 00 00010	CITY NAME	AN	2	30
130	O 001-VEND-STATE		AN	2	187	VENDOR STATE	05020	N4 00 00020	STATE OR PROVINCE	ID	2	2
140	O 001-VEND-ZIP		AN	5	189	VENDOR ZIP	05020	N4 00 00031	STANDARD ZIP CODE	AN	5	5
150	O 001-BILL-PHONE		AN	12	194	BILL TO PHONE NUMBER	04620	PER 00 00040	COMMUNICATION NUM	AN	1	256
160	O 001-VEND-PHONE		AN	12	206	VENDOR PHONE NUMBER	05030	PER 00 00040	COMMUNICATION NUM	AN	1	256
170	O 001-SHIP-DATE		MM	6	218	REQUESTED SHIP DATE	01600	DTM 00 00020	DATE	DT	8	8
180	O 001-BILL-ZIP-XT		AN	4	224	BILL TO ZIP EXTENSION	04610	N4 00 00032	ZIP CODE EXTENSION	AN	4	4
190	O 001-VEND-ZIP-XT		AN	4	228	VENDOR ZIP EXTENSION	05020	N4 00 00032	ZIP CODE EXTENSIO	AN	4	4
200	O 001-TEST-DATE		YY	6	232	TEST YY DATE						
020	M 002	H		10		PO COMMENTS RECORD						
010	M 002-VENDOR		AN	8	1	VENDOR NUMBER (SORT KEY)						
020	M 002-PO-NUMBER		AN	12	9	PO NUMBER (SORT KEY)						
030	M 002-REC-TYPE		AN	3	21	RECORD TYPE (SORT KEY)						
040	M 002-MESSAGE		AN	60	24	PO COMMENTS/INSTRUCTIONS						
030	M 005	D	1000	1		PO DETAIL RECORD						
010	M 005-VENDOR		AN	8	1	VENDOR NUMBER (SORT KEY)						
020	M 005-PO-NUMBER		AN	12	9	PO NUMBER (SORT KEY)						
030	M 005-REC-TYPE		AN	3	21	RECORD TYPE (SORT KEY)						
040	M 005-QUANTITY		S2	7	24	LINE ITEM QUANTITY	08200	F01 00 00020	QUANTITY ORDERED	R	1	15
									ADD TO HASH TOTAL #: 01			
050	M 005-UNT-OF-MEAS		AN	4	31	QUANTITY UNIT OF MEASURE	08200	F01 00 00030	UNIT OR BASIS FOR	ID	2	2 W
									TRANSLATION TABLE ID: UNITMEAS			
060	M 005-PRICE		S2	7	35	UNIT PRICE	08200	F01 00 00040	UNIT PRICE	R	1	17
070	M 005-ITEM-NUMBER		AN	15	42	INTERNAL ITEM IDENTIFIER	08200	F01 00 00070	PRODUCT/SERVICE I	AN	1	48
080	O 005-ITEM-DESC		AN	50	57	OPTIONAL ITEM DESCRIPTIO	09200	PID 00 00050	DESCRIPTION	AN	1	80
090	O 005-TEST-DATE		YY	6	107	TEST DATE						

GENTRAN MAPPING INTEGRATION EBDI053 MAPPING REPORT (APPLICATION SEQUENCE) PAGE 2  
 TRANSLATION ID: ANSI4030PO SEND OR RECEIVE: S NAME: ANSI 004030 OUTBOUND POS DATE 06/01/2011  
 STANDARD VERSION: 004030 /X TRANSACTION SET: 850 USE CODE: G ENVELOPE TYPE: X TIME 12:00:00  
 APPLICATION ID: POFILE SEND OR RECEIVE: S NAME: PURCHASE ORDER MASTER FILE

APPLICATION PARTNER REFERENCE INFORMATION

PARTNER.....: 001-VENDOR QUAL.....:  
 USER.....: QUAL.....:  
 INTERCHANGE VERSION.....:  
 GROUP/TRANSACTION VERSION:  
 MULTIPLE ENVELOPE ID.....:  
 APPLICATION KEY (1).....: 001-PO-NUMBER  
 APPLICATION KEY (2).....:  
 APPLICATION KEY (3).....:

APPLICATION ENVELOPE DEFINITION INFORMATION

INTERCHANGE SENDER ID.....: QUAL.....:  
 GROUP SENDER ID.....: QUAL.....:  
 INTERCHANGE RECEIVER ID...: QUAL.....:  
 GROUP RECEIVER ID.....: QUAL.....:  
 INTERCHANGE CONTROL NUM...:  
 GROUP CONTROL NUM.....:  
 TRANSACTION CONTROL NUM...:  
 \$\$ADD BATCH ID.....:  
 BG COMM ID.....: PASSWORD...:  
 ISA/UNB/STX TEST IND.....:  
 UNB/STX/APPL REFERENCE...:  
 UNB/STX PRIORITY CODE.....:  
 STX RECEIPT TRANS REF...:

Sample SYS005 DD Output from EBDI061

```

GENTRAN MAPPING INTEGRATION EBDI061          M A P P I N G   R E P O R T   (SUMMARY SECTION)          PAGE 1
TRANSLATION ID: ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION: 004030          X          TRANSACTION SET: 850          USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID: POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE

SEG ID VER          SEGMENT SEQ          ELEMENT SEQ          MAPPING NO          CONDITIONAL STATEMENTS
-----
ADD TO HASH TOTAL #: 01
PO1 00          08200          000          00          ELEMENT = 005-QUANTITY
GENTRAN MAPPING INTEGRATION EBDI061          M A P P I N G   R E P O R T   (SUMMARY SECTION)          PAGE 2
TRANSLATION ID: ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION: 004030          X          TRANSACTION SET: 850          USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID: POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE

SEG ID VER          SEGMENT SEQ          ELEMENT SEQ          MAPPING NO          CONDITIONAL STATEMENTS
-----
TRANSLATION TABLE ID: DUNS          PARTNER ID:          QUAL:
TYPE: DATA          DESCRIPTION: INTERNAL TO EDI DUNS CONVERSION

N1 00          05000          000          00          ELEMENT = 001-VENDOR
PARTNER VALUE          APPLICATION VALUE          DESCRIPTION
-----
121212121          VENDOR-1          ABC COMPUTER STORE
333333333          VENDOR-2          BULK PAPER COMPANY
999999999          VENDOR-3          TWO-WAY COMMUNICATIONS INC.
012345678          VENDOR-4          RANDOM OFFICE SUPPLY
111111          222222
111111          333333
222222          333333X
GENTRAN MAPPING INTEGRATION EBDI061          M A P P I N G   R E P O R T   (SUMMARY SECTION)          PAGE 3
TRANSLATION ID: ANSI4030PO          SEND OR RECEIVE: S          NAME: ANSI 004030 OUTBOUND POS          DATE 06/01/2011
STANDARD VERSION: 004030          X          TRANSACTION SET: 850          USE CODE: G          ENVELOPE TYPE: X          TIME 12:00:00
APPLICATION ID: POFILE          SEND OR RECEIVE: S          NAME: PURCHASE ORDER MASTER FILE

SEG ID VER          SEGMENT SEQ          ELEMENT SEQ          MAPPING NO          CONDITIONAL STATEMENTS
-----
TRANSLATION TABLE ID: UNITMEAS          PARTNER ID:          QUAL:
TYPE: CODE          DESCRIPTION: INTERNAL TO EDI UNIT OF MEASURE

PO1 00          08200          000          00          ELEMENT = 005-UNT-OF-MEAS
STANDARD CODE          USER CODE          DESCRIPTION
-----
AA          BALL
AB          BULK PACK
AC          ACRE
AD          BYTES
AE          AMPERES PER METER
AF          CENTIGRAM
AH          ADDITIONAL MINUTES
AI          AVERAGE MINUTES PER CALL
AJ          COP
AK          FATHOM
AL          ACCESS LINES
    
```

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**The installation verification procedures are complete.**

# Installation Verification for Relationship and Mixed Modes

## Overview

After you have completed the installation steps described in Chapter 3, “Installing Sterling Gentran:Realtime,” you must verify your work. To do this, you execute major Sterling Gentran:Realtime components and review the resulting batch reports and screens. This chapter describes the verification procedure for Relationship mode and Mixed mode processing. The verification steps for Partner/Qualifier mode processing are provided in Chapter 4, “Installation Verification for Partner/Qualifier Mode.”

This chapter also familiarizes you with Sterling Gentran:Realtime functionality in a tutorial-like fashion.

This chapter contains the following topics:

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## Introduction

Data on the sample screens and batch reports in this guide will not exactly match the data on your screens and reports for various reasons (your run date and time is different and the install data may have changed since the release of this guide).

This chapter is designed to help you to:

- Verify correct flow from one screen to another.
- Verify correct fields and PF keys on each screen, and make sure that the system displays no superfluous text on the screens.
- Familiarize yourself with the system components, including updating the system and navigating more easily through the system.
- Verify correct layout of each report, and make sure that no error messages exist.

When you encounter discrepancies on the screens or batch reports, you will need to review the respective section in Chapter 3, “Installing Sterling Gentran:Realtime,” in this guide.

Complete the steps in the installation verification procedure in the order presented.

## Requirements for Verification

The installation verification procedure in this chapter requires access to both the online and batch environments. In particular, you need the following:

- A CICS user ID and password enabling access to the Sterling Gentran CICS region
- A Sterling Gentran user ID and password providing update access  
Obtain this information from your System Administrator (or the person who installed the Sterling Gentran CICS feature).
- A TSO or equivalent system, which enables you to submit, monitor, and review batch jobs (for example, ISPF)
- Your CICS region, which contains Sterling Gentran, must be running.

## System/Program Image Modifications

During the installation of Sterling Gentran:Realtime, if you changed the system and/or program image(s) to use a value other than **EDI**, you must make certain modifications so the tests in this chapter will perform according to the provided descriptions:

- Follow the instructions in the “Modifying Sterling Gentran:Realtime Files” step in Appendix B, “System Image and Program Image Features,” to make the required changes. You will modify the queue options, separator options, schedule options, and path options to reflect values that you have chosen to use.
- Replace the value **EDI** with your system image characters whenever you execute a CICS transaction that begins with the characters **EDI**.

## **Sterling Gentran:Realtime Components You Will Verify**

By performing the procedures in this chapter, you will verify the following Sterling Gentran:Realtime components.

### **Online Access**

You will log on to the Sterling Gentran Online CICS component and navigate the various subsystems to confirm their accessibility.

### **Immediate Option Processing**

Verification steps ensure that Sterling Gentran:Realtime can process X12, EDIFACT, and TRADACOMS message standard data. The verification includes Inbound and Outbound processing and the deferred processing option for outbound processing.

### **Queue Option Processing**

You will demonstrate that Sterling Gentran:Realtime processing may be event-driven based on trigger levels.

### **Schedule Option Processing**

You will verify that Sterling Gentran:Realtime processing may be scheduled to run at periodic intervals or at specified times during a week.

### **Control Queue Functions**

You will demonstrate the functionality of Queue file usage in the Sterling Gentran:Control subsystem. Performing these steps verifies the ability of Sterling Gentran:Realtime to submit JCL to the batch system.

### **Sterling Gentran:Realtime Databank Functions**

You will verify that data has been stored correctly on the Sterling Gentran:Realtime databanks.

### **Separator Subsystem Processing**

You will verify that the Separator subsystem is processing properly.

### **Maintenance Transactions**

The transactions that execute the Realtime Databank Maintenance program are tested and verified.

## Example Screen and Batch Report

The verification results you receive as you complete the steps in this chapter consist of batch reports and online screens, as in the following examples:

### Sample Sterling Gentran:Realtime Screen

```

EDIM800 8.0_____ GENTRAN:Realtime MAIN MENU          XXX  06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  System Maintenance
          2.  Online Log Display
          3.  Report Selection
          4.  Exception Processing Facility
          5.  GENTRAN:Realtime Activity

Enter PF1=Help          PF3=Exit

                                                    PF15=Logoff
  
```

### Sample Batch Report

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE   : 00001
REPORT TIME: 12:00:00          REAL-TIME EDI REPORT FILE INITIATOR
REPORT ID   : EDIR305B-EDISUM   SUMMARY REPORT          VERSION: 6.6

  OPTIONS USED THIS RUN
  -----
REAL-TIME EDI REPORT           = PROCESS
REQUESTED-OPERATION           = FORMAT
CONTROL-FILE-COUNT            = 999999999
DETAIL-FILE-COUNT              = 999999999

  PROCESSING SUMMARY
  -----
CONTROL RECORDS FORMATTED      :      1,197
DETAIL RECORDS FORMATTED      :     10,395

NUMBER OF ERRORS THIS RUN      :           0
HIGHEST RETURN CODE THIS RUN  :           0
  
```

## Modifying Parameters Used in Verification Tests

Before you can perform the installation verification tests, you must modify the outbound mapping parameters of six of the paths used in the tests so they specify the Default User ID.

**Step 1**      Modify the appropriate outbound mapping parameters.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Type **EDI** on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran Logon screen (EDIM000).
- Type your Sterling Gentran CICS User ID and Password and press **Enter**. The system displays the Sterling Gentran Main Menu (EDIM001).
- Type **8 . 1 . 8** in the Jump Code field and press **Enter**. The system displays the Path Options Directory screen (EDIM830).
- Type **005M** in the Starting Path Option ID field and press **Enter**. The system refreshes the screen display with Path 005M as the first entry in the directory list.
- Type an **s** in the A (Action Code) field corresponding to Path 005M and press **PF5=Maint**. The system displays the Outbound Mapper-1 Path Maintenance screen (EDIM83D).
- Type **2** in the Transfer To field and press **PF5=Transfer**. The system displays the Outbound Mapper-3 Path Maintenance screen (EDIM83E).
- Type either **YOUR COMPANY** (if you are processing in Relationship mode) or **ISA-PARTNER** (if you are processing in Mixed mode) in the Default User ID field, and press **PF10=Updt**.



The system refreshes the screen display with the message **PATH RECORD UPDATED.**

```

EDIM83E _____ OUTBOUND MAPPER-3 PATH MAINTENANCE XXX 06/01/2011
                                                    12:00:00

Path ID.....: 005M RTE OUTBOUND (MAPPER PARMS - QUEUE 005)

Default Partner ID.....: _____ Qual: _____
Default User ID.....: YOUR_COMPANY _____ Qual: _____
Partner Read Switch....: 0 (0=Part/1=Xref/2=PartP/3=XrefP)
Partner Print Switch...: N (Y=Print/N=No Print)
Gen MaxLen GS Time SW..: _ (Y/Blank)
Blank Partner Error SW.: _ (Y/1/Blank)
Default Outbound Ver...: _____
Outbound Env User Exit.: _____
User Exit Version.....: _ (1=Old Linkage/2=New Linkage for User Exit)

                                                    Last Update Date: 00/00/00
                                                    Time: 00:00:00
                                                    User: SCI

PATH RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Shell
      PF7=Map2 PF8=Map4          PF10=Updt
    
```

- Type **200M** in the Path ID field and press **Enter**. The system refreshes the screen display with the parameters for Path 200M.
- Type either **YOUR COMPANY** (if you are processing in Relationship mode) or **ISA-PARTNER** (if you are processing in Mixed mode) in the Default User ID field, and press **PF10=Updt**. The system refreshes the screen display with the message **PATH RECORD UPDATED.**

```

EDIM83E _____ OUTBOUND MAPPER-3 PATH MAINTENANCE XXX 06/01/2011
                                                    12:00:00

Path ID.....: 200M X12 O/B IVP (MAPPER PARMS - IMM 200)

Default Partner ID.....: _____ Qual: _____
Default User ID.....: YOUR_COMPANY _____ Qual: _____
Partner Read Switch....: 0 (0=Part/1=Xref/2=PartP/3=XrefP)
Partner Print Switch...: N (Y=Print/N=No Print)
Gen MaxLen GS Time SW..: _ (Y/Blank)
Blank Partner Error SW.: _ (Y/1/Blank)
Default Outbound Ver...: _____
Outbound Env User Exit.: _____
User Exit Version.....: _ (1=Old Linkage/2=New Linkage for User Exit)

                                                    Last Update Date: 00/00/00
                                                    Time: 00:00:00
                                                    User: SCI

PATH RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Shell
      PF7=Map2 PF8=Map4          PF10=Updt
    
```

- Type **201M** in the Path ID field and press **Enter**. The system refreshes the screen display with the parameters for Path 201M.
- Type either **YOUR COMPANY** (if you are processing in Relationship mode) or **ISA-PARTNER** (if you are processing in Mixed mode) in the Default User ID field, and press **PF10=Updt**. The system refreshes the screen display with the message **PATH RECORD UPDATED**.

```
EDIM83E _____ OUTBOUND MAPPER-3 PATH MAINTENANCE XXX 06/01/2011
                                           12:00:00

Path ID.....: 201M EDIFACT O/B IVP (MAPPER - IMM 201)

Default Partner ID.....: _____ Qual: ____
Default User ID.....: YOUR_COMPANY _____ Qual: ____
Partner Read Switch....: 0 (0=Part/1=Xref/2=PartP/3=XrefP)
Partner Print Switch...: N (Y=Print/N=No Print)
Gen MaxLen GS Time SW..: _ (Y/Blank)
Blank Partner Error SW.: _ (Y/1/Blank)
Default Outbound Ver...: _____
Outbound Env User Exit.: _____
User Exit Version.....: _ (1=Old Linkage/2=New Linkage for User Exit)

                                           Last Update Date: 00/00/00
                                           Time: 00:00:00
                                           User: SCI

PATH RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Shell
      PF7=Map2 PF8=Map4          PF10=Updt
```

- Type **202M** in the Path ID field and press **Enter**. The system refreshes the screen display with the parameters for Path 202M.
- Type either **YOUR COMPANY** (if you are processing in Relationship mode) or **ISA-PARTNER** (if you are processing in Mixed mode) in the Default User ID field, and press **PF10=Updt**.

The system refreshes the screen display with the message **PATH RECORD UPDATED.**

```

EDIM83E _____ OUTBOUND MAPPER-3 PATH MAINTENANCE XXX 06/01/2011
                                                    12:00:00

Path ID.....: 202M TRADACOMS O/B IVP (MAPPER - IMM 202)

Default Partner ID.....: _____ Qual: ____
Default User ID.....: YOUR_COMPANY _____ Qual: ____
Partner Read Switch....: 0 (0=Part/1=Xref/2=PartP/3=XrefP)
Partner Print Switch...: N (Y=Print/N=No Print)
Gen MaxLen GS Time SW..: _ (Y/Blank)
Blank Partner Error SW.: _ (Y/1/Blank)
Default Outbound Ver...: _____
Outbound Env User Exit.: _____
User Exit Version.....: _ (1=Old Linkage/2=New Linkage for User Exit)

                                                    Last Update Date: 00/00/00
                                                    Time: 00:00:00
                                                    User: SCI

PATH RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Shell
      PF7=Map2 PF8=Map4          PF10=Updt
    
```

- Type **206M** in the Path ID field, and press **Enter**. The system refreshes the screen display with the parameters for Path 206M.
- Type either **YOUR COMPANY** (if you are processing in Relationship mode) or **ISA-PARTNER** (if you are processing in Mixed mode) in the Default User ID field, and press **PF10=Updt**. The system refreshes the screen display with the message **PATH RECORD UPDATED.**

```

EDIM83E _____ OUTBOUND MAPPER-3 PATH MAINTENANCE XXX 06/01/2011
                                                    12:00:00

Path ID.....: 206M DEFERRED O/B IVP (MAPPER - IMM 206)

Default Partner ID.....: _____ Qual: ____
Default User ID.....: YOUR_COMPANY _____ Qual: ____
Partner Read Switch....: 0 (0=Part/1=Xref/2=PartP/3=XrefP)
Partner Print Switch...: N (Y=Print/N=No Print)
Gen MaxLen GS Time SW..: _ (Y/Blank)
Blank Partner Error SW.: _ (Y/1/Blank)
Default Outbound Ver...: _____
Outbound Env User Exit.: _____
User Exit Version.....: _ (1=Old Linkage/2=New Linkage for User Exit)

                                                    Last Update Date: 00/00/00
                                                    Time: 00:00:00
                                                    User: SCI

PATH RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Shell
      PF7=Map2 PF8=Map4          PF10=Updt
    
```

## Installation Verification for Relationship and Mixed Modes Modifying Parameters Used in Verifica-

---

- Type **400M** in the Path ID field and press **Enter**. The system refreshes the screen display with the parameters for Path 400M.
- Type either **YOUR COMPANY** (if you are processing in Relationship mode) or **ISA-PARTNER** (if you are processing in Mixed mode) in the Default User ID field, and press **PF10=Updt**. The system refreshes the screen display with the message **PATH RECORD UPDATED**.

```
EDIM83E _____ OUTBOUND MAPPER-3 PATH MAINTENANCE XXX 06/01/2011
                                                    12:00:00

Path ID.....: 400M X12 O/B IVP (MAPPER PARMS - SCHED 400)

Default Partner ID.....: _____ Qual: ____
Default User ID.....: YOUR_COMPANY _____ Qual: ____
Partner Read Switch....: 0 (0=Part/1=Xref/2=PartP/3=XrefP)
Partner Print Switch...: N (Y=Print/N=No Print)
Gen MaxLen GS Time SW..: _ (Y/Blank)
Blank Partner Error SW.: _ (Y/1/Blank)
Default Outbound Ver...: _____
Outbound Env User Exit.: _____
User Exit Version.....: _ (1=Old Linkage/2=New Linkage for User Exit)

                                                    Last Update Date: 00/00/00
                                                    Time: 00:00:00
                                                    User: SCI

PATH RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Shell
      PF7=Map2 PF8=Map4          PF10=Updt
```

- Type **EXIT** in the Jump Code field and press **Enter**. The system displays the sign-off message as you exit the system.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Online Screens

This section provides you with the steps for testing screens to validate the correct set up of all subsystems. This section also includes a summarization that explains jump codes in Sterling Gentran:Realtime and how to use them.

### Using Jump Codes

In Sterling Gentran:Realtime, most screens have a jump code associated with them, which enable you to easily jump from screen to screen. By using jump codes, you will not need to back out of subsystems, bring up the main menu, and then select an option to display another screen. You only need to enter the respective jump code to move from screen to screen.

A jump code consists of up to 10 alphanumeric characters that appear in the upper left corner of the screen, to the right of the screen number. To use jump codes, perform the following:

1. Press **Home** to move the cursor to the Jump Code field.
2. Type the jump code of the screen to which you want to jump in the Jump Code field and press **Enter**.

See “Jump Codes” in Chapter 3, “Screens,” in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* for detailed information on jump codes and guidelines for using them.

For a listing of all jump codes by Sterling Gentran:Realtime screen, see Appendix A of the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide*.

## Log on to Sterling Gentran and Update Security

**Step 2** Complete the following tasks to log on to Sterling Gentran and update security.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Bring up the appropriate screen for the CICS terminal and clear the screen. At the insertion point, type the System Image ID and press **Enter** to display the Sterling Gentran logon screen.

See Appendix B, “System Image and Program Image Features,” for more information about the System Image feature.

```
EDIM000                                06/01/2011
                                         12:00:00

                                G E N T R A N

SYSTEM IMAGE: EDI          PROGRAM IMAGE: EDI          DBK CONFIG:FFFF
GENTRAN:REALTIME 6.5.00   GENTRAN:CONTROL 6.5.00   PAUSE = EXIT PC KYBD
GENTRAN:BASIC 6.5.00

                                User ID: _____ Password:
                                         New Password:

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Enter                                PF3=Exit
```

**Note:** The four lines above the User ID and Password fields indicate which options are selected and which Sterling Gentran add-on products are installed on your system.

- Type **ADMIN** in the User ID field and press **Tab**. Type **SECURITY** in the Password field and press **Enter**.

The system displays the Sterling Gentran Main Menu. You can access all Sterling Gentran subsystems from this menu.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  1. Partner Maintenance Menu
  2. Standards Maintenance Menu
  3. Databank Maintenance Menu
  4. Administrative Maintenance
  5. Mapping Maintenance Menu

  6. GENTRAN:Plus Main Menu
  7. GENTRAN:Control Main Menu
  8. GENTRAN:Realtime Main Menu
  9. GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Verify that the Sterling Gentran:Control and Sterling Gentran:Realtime subsystems (options 7 and 8) are enabled. A subsystem is enabled if it is highlighted and the letters (N/A) are *not* displayed to the right.

If both subsystems are enabled, skip the rest of this step and proceed to **Step 3**. If both subsystems are not enabled, proceed with the next task.

- Type **4** to select Administrative Maintenance from the Sterling Gentran Main Menu and press **Enter**. The system displays the Administrative Maintenance Menu.

```

EDIM210 4.0 _____ ADMINISTRATIVE MAIN MENU      XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  1. Security Maintenance Menu
  2. Message Maintenance Menu
  3. Configuration Directory
  4. Global Parameter Maintenance
  5. Relationship Conversion (N/A)
  6. Upload Process Maintenance
  7. Separator Menu
  8. Change Audit Menu
  9. Message Center Job Summary

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- ☐ Type **1** to select Security Maintenance Menu from the Administrative Maintenance Menu and press **Enter**.

The system displays the Security Maintenance Menu.

```

EDIM200 4.1_____ SECURITY MAINTENANCE MENU      XXX      06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  User Id Directory
          2.  User Id Maintenance

Enter PF1=Help      PF3=Exit

                                                    PF15=Logoff
  
```

- ☐ Type **2** to select User ID Maintenance from the Security Maintenance Menu and press **Enter**. The system displays the User ID Maintenance screen. In the User Id field, type **ADMIN** and press **Enter**. Verify that the system displays the User ID Maintenance-1 screen.

```

EDIM201 4.1.2_____ USER ID MAINTENANCE-1      XXX      06/01/2011
                                                    12:00:00

User Id..... ADMIN___ Password..      Division.. 000  Initials.. XXX

Last Name.. LAST_____ First.. FIRST_____ MI.. M

Last Update Date..: 06/01/11  User...: XXX

Options                                     Access      Authority Level
Partner Maintenance                         Y (Y/N)    1 (1/2/3)
Standards Maintenance                       Y (Y/N)    1 (1/2/3)
Databank Maintenance                        Y (Y/N)    1 (1/2/3/4/5/6)
Mapping Integration                         Y (Y/N)    1 (1/2/3)
Administrative Maintenance                  Y (Y/N)    1 (1/2/3)
  Security Maintenance                      Y (Y/N)    1 (1/2/3)
  Message Maintenance                      Y (Y/N)    1 (1/2/3)
  Configuration File Maintenance           Y (Y/N)    1 (1/2/3)
  Global Parameter Maintenance             Y (Y/N)    1 (1/2/3)

Enter PF1=Help      PF3=Exit PF4=Dir      PF5=More Opts  PF6=Nxt User
                    PF9=Add PF10=Updt PF11=Del
  
```

- ☐ If Sterling Gentran:Basic is not installed on your system, the value in the Access code field for Databank Maintenance must be **n**. If the value is **n**, continue with the next task in this step. If the value is not **n**, change it and press **PF10=Updt**.



Verify that the updated screen displays.

```

EDIM201 4.1.2_____ USER ID MAINTENANCE-1          XXX      06/01/2011
                                                    12:00:00

User Id..... ADMIN___ Password..          Division.. 000  Initials.. XXX

Last Name.. LAST_____ First.. FIRST_____ MI.. M

Last Update Date...: 06/01/11  User...: XXX

Options                                     Access      Authority Level
Partner Maintenance                         Y (Y/N)     1 (1/2/3)
Standards Maintenance                       Y (Y/N)     1 (1/2/3)
Databank Maintenance                       N (Y/N)     6 (1/2/3/4/5/6)
Mapping Integration                         Y (Y/N)     1 (1/2/3)
Administrative Maintenance                  Y (Y/N)     1 (1/2/3)
  Security Maintenance                      Y (Y/N)     1 (1/2/3)
  Message Maintenance                       Y (Y/N)     1 (1/2/3)
  Configuration File Maintenance           Y (Y/N)     1 (1/2/3)
  Global Parameter Maintenance             Y (Y/N)     1 (1/2/3)

USER ID UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=More Opts  PF6=Nxt User
                        PF9=Add PF10=Updt PF11=Del
  
```

- Press **PF5=More Opts** to display the second screen, User ID Maintenance-2.

```

EDIM202 _____ USER ID MAINTENANCE-2          XXX      06/01/2011
                                                    12:00:00

User Id..... ADMIN

Last Update Date...: 06/01/11  User...: XXX

Options                                     Access      Authority Level
GENTRAN:Plus                               N (Y/N)     3 (1/2/3)
GENTRAN:Control                            N (Y/N)     3 (1/2/3)
GENTRAN:Realtime                           N (Y/N)     3 (1/2/3)
Realtime Databank Maintenance              N (Y/N)     6 (1/2/3/4/5/6)
GENTRAN:Viewpoint                          N (Y/N)     4 (1/2/3/4)
  Recipient _____ (optional)

Enter PF1=Help          PF3=Exit PF4=Prev
                        PF10=Updt
  
```

- Tab to Sterling Gentrans:Control and change the Access code from **N** to **Y** and change the Authority Level to **1**.
- Make the same changes for Sterling Gentrans:Realtime and Realtime Databank Maintenance.

- Press **PF10=Updt**. Verify that the updated screen displays.

```

EDIM202 _____ USER ID MAINTENANCE-2          XXX      06/01/2011
                                                12:00:00

User Id..... ADMIN

Last Update Date...: 06/01/11   User...: XXX

Options                                     Access      Authority Level
GENTRAN:Plus                               N (Y/N)     3 (1/2/3)
GENTRAN:Control                             Y (Y/N)     1 (1/2/3)
GENTRAN:Realtime                            Y (Y/N)     1 (1/2/3)
Realtime Databank Maintenance               Y (Y/N)     1 (1/2/3/4/5/6)
GENTRAN:Viewpoint                           N (Y/N)     4 (1/2/3/4)
      Recipient                               _____ (optional)

USER ID UPDATED
Enter PF1=Help                               PF3=Exit PF4=Prev
                                                PF10=Updt
    
```

- You must exit and re-enter the Sterling Gentrans system for these changes to take effect. Press **Home** to move the cursor to the Jump Code field, type **EXIT** and press **Enter** to leave the Sterling Gentrans system.
- Clear the CICS screen. Type the System Image ID and then press **Enter** to display the Sterling Gentrans logon screen.
- On the Sterling Gentrans logon screen, type **ADMIN** in the User ID field and press **Tab**.
- Type **SECURITY** in the Password field and press **Enter** to display the Sterling Gentrans Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Partner Maintenance

**Step 3** Complete the following tasks to verify Partner Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentrans Main Menu, type **1** to select Partner Maintenance Menu and press **Enter**.

```
EDIM001 0.0_____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  1_  1.  Partner Maintenance Menu
      2.  Standards Maintenance Menu
      3.  Databank Maintenance Menu
      4.  Administrative Maintenance
      5.  Mapping Maintenance Menu

      6.  GENTRAN:Plus Main Menu
      7.  GENTRAN:Control Main Menu
      8.  GENTRAN:Realtime Main Menu
      9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                PF15=Logoff
```

The system displays the Partner Maintenance Menu (EDIM005).

### Relationship Mode Example

```
EDIM005 1.0 _____ PARTNER MAINTENANCE MENU          XXX 06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  _ 1. Partner Directory
    2. Partner Maintenance
    3. Trading Partner Relationship

Enter PF1=Help          PF3=Exit

                                                    PF15=Logoff
```

### Mixed Mode Example

```
EDIM005 1.0 _____ PARTNER MAINTENANCE MENU          XXX 06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  _ 1. Partner Directory
    2. Partner Maintenance
    3. Partner Cross-Reference Menu

Enter PF1=Help          PF3=Exit

                                                    PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.



## Verify Standards Maintenance

**Step 4** Complete the following tasks to verify Standards Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **2** to select Standards Maintenance Menu and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                XXXXXXXX          12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  2_  1.  Partner Maintenance Menu
      2.  Standards Maintenance Menu
      3.  Databank Maintenance Menu
      4.  Administrative Maintenance
      5.  Mapping Maintenance Menu

      6.  GENTRAN:Plus Main Menu
      7.  GENTRAN:Control Main Menu
      8.  GENTRAN:Realtime Main Menu
      9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

The system displays the Standards Maintenance Menu (EDIM100).

```

EDIM100 2.0 _____ STANDARDS MAINTENANCE MENU  XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Version Directory
          2.  Version
          3.  Version/Transaction Directory
          4.  Transaction Directory
          5.  Transaction
          6.  Segment
          7.  Segment Element
          8.  Segment Element Activity
          9.  Data Element Definition
         10.  Standard Code Menu
         11.  Transaction in Use
         12.  User Envelope Specification
         13.  Standard Association

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.

The system displays the Version Directory screen (EDIM111).

```

Select
EDIM111 2.1_____          VERSION DIRECTORY          XXX 06/01/2011
                                                12:00:00

Starting Version Id: D__99B_____  Agency...: UN_
Search Agency.....: _____

A  Version      Agncy  Envelope      Description      U
   ID
-  D  99B       UN    EDIFACT       EDIFACT VERSION D 99B - OCTOBER 1999      N
-  DEFAULT     SC    ANSI-X12      EDITOR DEFAULT VERSION FOR ALL STANDARDS  N
-  00100       X    ANSI-X12      ANSI INTERCHANGE CONTROL AND ACKNOWLEDGEMEN N
-  00200       X    ANSI-X12      ANSI INTERCHANGE CONTROL AND ACKNOWLEDGEMEN N
-  00300       X    ANSI-X12      INTERCHANGE CONTROL AND ACKNOWLEDGEMENT   N
-  00400       X    ANSI-X12      INTERCHANGE CONTROL AND ACKNOWLEDGMENT    N
-  004001      UN    EDIFACT       EDIFACT CONTRL/AUTACK/KEYMAN MESSAGES (VERS N
-  00403       X    ANSI-X12      INTERCHANGE CONTROL AND ACKNOWLEDGMENT    N
-  004030      X    ANSI-X12      ANSI VERSION 4 RELEASE 3 SUBRELEASE 0 ASC N
-
-

END OF AVAILABLE VERSIONS
Enter PF1=Help PF2=Tdir  PF3=Exit          PF5=Vers
      PF7=Bwd  PF8=Fwd
    
```

**Note:** The versions displayed on the Version Directory screen are loaded from the Standards CD-ROM or .zip file.

- Press **PF3=Exit** twice to return to the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Databank Maintenance

**Step 5** Complete the following tasks to verify Databank Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- On the Sterling Gentran Main Menu, type **3** and press **Enter**.

```

EDIM001 0.0_____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

3_  1.  Partner Maintenance Menu
    2.  Standards Maintenance Menu
    3.  Databank Maintenance Menu
    4.  Administrative Maintenance
    5.  Mapping Maintenance Menu

    6.  GENTRAN:Plus Main Menu
    7.  GENTRAN:Control Main Menu
    8.  GENTRAN:Realtime Main Menu
    9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff
  
```

The system displays the Databank Maintenance Menu (EDIM250).

```

EDIM250 3.0_____ DATABANK MAINTENANCE MENU      XXX      06/01/2011
                                12:00:00

Type the number of your selection below and press ENTER,
or press the PF3 key to Exit.

    1.  Interchange Directory
    2.  Group Directory
    3.  Interchange Status
    4.  Group Status
    5.  Transaction Status
    6.  Document Directory
    7.  Document Status
    8.  Change Audit Directory
    9.  Change Audit Status
   10.  Log Display
   11.  Group Directory - Date
   12.  Acknowledgments Overdue

Enter PF1=Help          PF3=Exit

PF6=Refresh
PF15=Logoff
  
```

- Type **1** in the selection field and press **Enter**.



The system displays the Interchange Directory screen (EDIM254).

```

Select
EDIM254 3.1 _____ INTERCHANGE DIRECTORY          XXX   06/01/2011
                                                12:00:00

Intchg - User _____ Partner _____
In/Outbound  _          Databank  _ (Gentran,Realtime)

A   User          Partner          I/O   Dbk   Div
_   YOUR COMPANY  THEIR COMPANY  O     G    000
_   YOUR COMPANY  THEIR COMPANY  I     G    000
_   YOUR COMPANY  VENDOR-1      O     G    000
_   YOUR COMPANY  VENDOR-2      O     G    000
_   YOUR COMPANY  VENDOR-3      O     G    000
_   YOUR COMPANY  VENDOR-4      O     G    000
_
_
_

TO SELECT USER/PARTNER ENTER AN "S" BESIDE THE USER
Enter PF1=Help          PF3=Exit          PF5=Interchg
      PF7=Bwd   PF8=Fwd
    
```

- Press **PF3=Exit** twice to return to the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Administrative Maintenance

**Step 6** Complete the following tasks to verify Administrative Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **4** to select Administrative Maintenance and press **Enter**.

```

EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

4_  1.  Partner Maintenance Menu
     2.  Standards Maintenance Menu
     3.  Databank Maintenance Menu
     4.  Administrative Maintenance
     5.  Mapping Maintenance Menu

     6.  GENTRAN:Plus Main Menu
     7.  GENTRAN:Control Main Menu
     8.  GENTRAN:Realtime Main Menu
     9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

The system displays the Administrative Main Menu (EDIM210).

```

EDIM210 4.0 _____ ADMINISTRATIVE MAIN MENU      XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

-   1.  Security Maintenance Menu
     2.  Message Maintenance Menu
     3.  Configuration Directory
     4.  Global Parameter Maintenance
     5.  Relationship Conversion (N/A)
     6.  Upload Process Maintenance
     7.  Separator Menu
     8.  Change Audit Menu
     9.  Message Center Job Summary

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Type **1** in the selection field and press **Enter**.



The system displays the Administrative Main Menu (EDIM210).

```
EDIM210 4.0_____ ADMINISTRATIVE MAIN MENU      XXX      06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      -      1. Security Maintenance Menu
              2. Message Maintenance Menu
              3. Configuration Directory
              4. Global Parameter Maintenance
              5. Relationship Conversion (N/A)
              6. Upload Process Maintenance
              7. Separator Menu
              8. Change Audit Menu
              9. Message Center Job Summary

Enter PF1=Help      PF3=Exit

                                                    PF15=Logoff
```

- Type **2** in the selection field and press **Enter** to display the Message Maintenance Menu (EDIM211).

```
EDIM211 4.2_____ MESSAGE MAINTENANCE MENU      XXX      06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      -      1. Message Directory
              2. Message Maintenance
              3. Error Rejection Maintenance

Enter PF1=Help      PF3=Exit

                                                    PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.

The system displays the Message Directory (EDIM212).

```

Select
EDIM212 4.2.1_____ MESSAGE DIRECTORY          XXX  06/01/2011
                                                    12:00:00

Starting Message Number....: 00000
Language Code.....: EN_
Record Type.....: -
Error Type.....: -
Direction.....: -

A  Message   Rec   Sev          T E X T
   Number   Ty
-   00000    G    I    *---- GENTRAN:BASIC VERSION 6.6 06/01/2011 - SCI *
-   00001    G    I    VERSION CHANGED WHILE READING TRANSACTION RECORDS.
-   00002    G    I    INDICATED INVALID KEY ENCOUNTERED WHILE REWRITING VE
-   00003    G    I    TRANSACTION RECORDS MISSING FOR THIS VERSION.
-   00004    G    I    SEGMENT RECORDS MISSING FOR THIS VERSION.
-   00005    G    I    ELEMENT ACTIVITY RECORDS MISSING FOR THIS VERSION -
-   00006    G    I    SEGMENT ELEMENT RECORDS MISSING FOR THIS VERSION.
-   00007    G    I    ELEMENT DICTIONARY RECORDS MISSING FOR THIS VERSION.
-   00008    G    I    LENGTHEN DICTIONARY TABLE - PROGRAM PROBLEM - CONTAC
TO SELECT, TYPE "S" BESIDE THE MESSAGE #  AND PRESS THE PF5 KEY
Enter PF1=Help          PF3=Exit          PF5=Maint
      PF7=Bwd  PF8=Fwd

```

- Press **PF3=Exit** twice to return to the Administrative Main Menu (EDIM210).

```

EDIM210 4.0_____ ADMINISTRATIVE MAIN MENU      XXX  06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

-   1. Security Maintenance Menu
-   2. Message Maintenance Menu
-   3. Configuration Directory
-   4. Global Parameter Maintenance
-   5. Relationship Conversion (N/A)
-   6. Upload Process Maintenance
-   7. Separator Menu
-   8. Change Audit Menu
-   9. Message Center Job Summary

Enter PF1=Help          PF3=Exit
                                                    PF15=Logoff

```

- Type **3** in the selection field and press **Enter**.



The system displays the Global Parameter Maint-1 (EDIM220) screen.

```

EDIM220 4.4_____ GLOBAL PARAMETER MAINT-1      XXX      06/01/2011
                                           12:00:00

Inbound/Outbound:  I          *** INBOUND ***

General Processing Options:

  ICS Tables.....: N  Y = ICS Tables On      N = ICS Tables Off
  Code Check.....: Y  Y = Code Check On      N = Code Check Off
  Error Report.....: Y  Y = Always Generate Error Report
  Output Message.....: Y  Y = Message      On      N = Message      Off

Databank Options:

  Partner Databank.....: N  Y = Use Partner For Databank Level
  EDI Databank Interchange...: F  F = Full      D = Directory Only      N = None
  EDI Databank Group.....: D  D = Directory      N = None
  EDI Databank Transaction...: D  D = Directory      N = None

Last Update Date..: 06/01/11  Time...: 12:00:00  User...: XXX

Enter PF1=Help          PF3=Exit          PF5=Next GBL
                        PF10=Uprt
    
```

- Press **PF3=Exit** twice to return to the Sterling Gentran Main Menu (EDIM001).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Verify Mapping Maintenance

**Step 7** Complete the following tasks to verify Mapping Maintenance.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- On the Sterling Gentran Main Menu, type **5** to select Mapping Maintenance Menu and press **Enter**.

```
EDIM001 0.0 _____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

5_  1.  Partner Maintenance Menu
     2.  Standards Maintenance Menu
     3.  Databank Maintenance Menu
     4.  Administrative Maintenance
     5.  Mapping Maintenance Menu

     6.  GENTRAN:Plus Main Menu
     7.  GENTRAN:Control Main Menu
     8.  GENTRAN:Realtime Main Menu
     9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff
```

The system displays the Mapping Maintenance Menu (EDIM599).

```
EDIM599 5.0 _____ MAPPING MAINTENANCE MENU      XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_   1.  Application Definition
     2.  Transaction Mapping
     3.  Code and Data Translation

Enter PF1=Help          PF3=Exit

PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.





The system displays the Mapping Maintenance Menu (EDIM599).

```
EDIM599 5.0_____ MAPPING MAINTENANCE MENU      XXX   06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Application Definition
          2.  Transaction Mapping
          3.  Code and Data Translation

Enter PF1=Help      PF3=Exit

                                           PF15=Logoff
```

- Type **2** in the selection field and press **Enter** to display the Transaction Mapping Menu (EDIM500).

```
EDIM500 5.2_____ TRANSACTION MAPPING MENU      XXX   06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Transaction Mapping Directory
          2.  Transaction Maintenance
          3.  Copy Transaction
          4.  Copy Segments from Stndard
          5.  Segments
              _ Element Mapping
              _ Extended Element Mapping
          6.  Copy Segments from Transaction

Enter PF1=Help      PF3=Exit

                                           PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.

The system display the Transaction Mapping Directory screen (EDIM512).

```

Select
EDIM512 5.2.1_____ TRANSACTION MAPPING DIRECTORY          XXX 06/01/2011
                                                    12:00:00

Starting Transaction ID.: _____
  Filters....Send/Rec.: -           Appl ID.: _____
  Version....           Trans.....: _____

Transaction Snd Application  Description          U Map Last Update
A   ID      Rec   ID
- ANSI3030SC S  SALESCAT   PRICE SALES CATALOG 003030   N 000000 000000 SCI
- ANSI4030IN R  INVFILE   ANSI 004030 INBOUND INVOICES   N 000000 000000 SCI
- ANSI4030PO S  POFILE    ANSI 004030 OUTBOUND POS      N 000000 000000 SCI
- EDFCTD99IN R  INVFILE-ED EDIFACT D99B INBOUND INVOICE   N 000000 000000 SCI
- EDFCTD99PO S  POFILE    EDIFACT D99B OUTBOUND ORDERS   N 000000 000000 SCI
- TDANA001DV R  DELVFILE  DELIVERY NOTIFICATION         N 000000 000000 SCI
- TDANA001PO S  POFILE-ANA TRADACOMS VERSION 9 ORDERS   N 000000 000000 SCI
-
-
-

TO SELECT TRANSACTION ENTER AN "S" BESIDE THE ID
Enter PF1=Help          PF3=Exit          PF5=Trans          PF6=Segment
      PF7=Bwd   PF8=Fwd
    
```

- Press **PF3=Exit** three times to return to the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Sterling Gentran:Control

**Step 8** Verify the online Sterling Gentran:Control system installation.

*Typically performed by:* System Installer

The tasks involved in verifying the Sterling Gentran:Control installation are listed below.

Check the box next to each task as you complete it.

- On the Sterling Gentran Main Menu, type **7** in the selection field and press **Enter**.

```

EDIM001 0.0_____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

7_  1.  Partner Maintenance Menu
    2.  Standards Maintenance Menu
    3.  Databank Maintenance Menu
    4.  Administrative Maintenance
    5.  Mapping Maintenance Menu

    6.  GENTRAN:Plus Main Menu
    7.  GENTRAN:Control Main Menu
    8.  GENTRAN:Realtime Main Menu
    9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

The system displays the Control Main Menu (EDIM300).

```

EDIM300 7.0_____ CONTROL MAIN MENU          XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_  1.  System Options Maintenance
    2.  Queue Directory
    3.  Queue Options Maintenance
    4.  Online Log Display
    5.  Separator Menu

Enter PF1=Help          PF3=Exit

PF15=Logoff

```

- Type **1** to select System Options Maintenance and press **Enter**.

The system displays the System Options Maintenance screen (EDIM301).

```

EDIM301 7.1_____ SYSTEM OPTIONS MAINTENANCE          XXX 06/01/2011
                                                    12:00:00

Description.....: GENTRAN:REALTIME_____
                  SAMPLE_SYSTEM_OPTIONS_____

System Status.....: E      E = Enabled          D = Disabled
System Trace.....: D      E = Enabled          D = Disabled
System Type.....:  R      C = Control           R = Realtime

Scan Interval.....: 0120          Seconds
Error User Exit Program.: _____
Error User Exit Data....: _____

Last Update Date.....: 00/00/00 Time: 00:00:00 User:  SCI

Enter PF1=Help          PF3=Exit          PF5=Queue
                          PF10=Updt         PF13=Start
    
```

- ☐ Press **PF5=Queue** to display the Queue Directory screen (EDIM302).

```

Select
EDIM302 7.2_____ QUEUE DIRECTORY          XXX 06/01/2011
                                                    12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init JCL/
         Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS              0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

- ☐ Type an **s** in the A (Action Code) field to the left of Queue File 004 and press **PF5=Maint**.

The system displays the Queue Options Maintenance screen (EDIM303) for Queue file 004.

```

EDIM303 7.3_____  QUEUE OPTIONS MAINTENANCE          XXX  06/01/2011
                                                    12:00:00

Queue File Number.....: 004          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                           QUEUE_FILE_004_____
Status.....: E                      E=Enabled  D=Disabled
Source.....: B                      O=Online write  B=Batch write
Trace.....: D                      E=Enabled  D=Disabled
  Trigger Levels
Range (Low/High).....: 0000 / 0001   Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000         Doc Groups per Run...: 0001
Time Based Interval...: 0000         Minutes (with Low Range)
                                           EXT or SCH or Minutes
  Initiation Actions
Action to Initiate....: N            B=Batch Job  O=Online Trans  N=None
Batch JCL Name.....: _____     Stall Limit.....: 15
Online TransID.....: _____     Appl.Prog.....: _____
Exception Pgm.....: _____       TSQ Store Sw....: _  A=Auxiliary M=Main
                                           C=TSQ Chaining

Error User Exit Pgm...: _____   Error Exit Data.: _____
                                           Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext
      PF7=Prev PF8=Next PF9=Add PF10=Updt PF11=Del          PF14=Ddt1
    
```

- Press **PF14=Ddt1** to display the Queue Options Debug Detail screen (EDIM306) for Queue file 004.

```

EDIM306 _____  QUEUE OPTIONS DEBUG DETAIL          XXX  06/01/2011
                                                    12:00:00

Queue File Number...: 004  GENTRAN:CONTROL INSTALLATION TEST
                                           QUEUE FILE 004
                                Internal      Last      Last      Queue
                                TS Queue     Processed  Written   Created
Max Nbr Recs.....:          2520          2520
Pointer.....:              3              3              3              3
Date.....:          06/01/2011      06/01/2011  06/01/2011  06/01/2011
Time.....:          12:00:00        12:00:00   12:00:00   12:00:00
Acc Doc Counter...:              1              1              1              1
Action Counter....:              0
Action to Initiate Pointers
Save Ptr.....:
Save Doc Counter..:
Task Scan Ptr.....:
CKP Ptr.....:              3
CKP Doc Counter...:              1
Task Post Ind.....:

Enter PF1=Help PF2=Data  PF3=Exit PF4=Options
    
```

- Press **PF3=Exit**.

You return to the Control Main Menu screen (EDIM300).

```

EDIM300 7.0_____ CONTROL MAIN MENU XXX 06/01/2011
                                     12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _      1.  System Options Maintenance
              2.  Queue Directory
              3.  Queue Options Maintenance
              4.  Online Log Display
              5.  Separator Menu

Enter PF1=Help          PF3=Exit

                                     PF15=Logoff
    
```

- Type **4** in the selection field and press **Enter** to display the Online Log Display screen (EDIM304).

```

Select
EDIM304 7.4_____ ONLINE LOG DISPLAY XXX 06/01/2011
                                     12:00:00
Start: 06/01/2011 12:00:00 Stop: Last: 12:00:00 Scan: 0120
Filters====> Errors Only: _ Program Only: _____
Position Task # TranID Time Date Max Count
Criteria====> _____ 0050

A Task Tran Time Date Term Program Error Code
_ 00103 EDIR 12:00:00 06/01/2011 EDIEOIG EDI-10201-T 00
  ONLINE INPUT GATEWAY BEGINS . . . . . QUEUE: 002
_ 00103 EDIR 12:00:00 06/01/2011 EDIEOIG EDI-10202-T 00
  ONLINE INPUT GATEWAY ENDS . . . . . QUEUE: 002
_ 00103 EDIR 12:00:00 06/01/2011 EDIEOQR EDI-10502-T 00
  ONLINE QUEUE READ ENDS . . . . . QUEUE: 002
_ 00107 EDIB 12:00:00 06/01/2011 EDIEOBI EDI-10401-T 00
  ONLINE BATCH INITIATOR BEGINS . . . . . QUEUE: 003
_ 00107 EDIB 12:00:00 06/01/2011 EDIEOBI EDI-10402-T 00
  ONLINE BATCH INITIATOR ENDS . . . . . QUEUE: 003
_ 00020 EDII 12:00:00 06/01/2011 EDIEOSI EDI-10308-I 00
  ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd PF8=Fwd
    
```

**Note:** The messages that display on your Online Log Display screen may be different than the messages in our example.

- Press **PF3=Exit**.

You return to the Control Main Menu screen (EDIM300).

```
EDIM300 7.0 _____ CONTROL MAIN MENU XXX 06/01/2011
                                         12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  System Options Maintenance
          2.  Queue Directory
          3.  Queue Options Maintenance
          4.  Online Log Display
          5.  Separator Menu

Enter PF1=Help          PF3=Exit

                                         PF15=Logoff
```

- Type **5** in the selection field for Separator Menu and press **Enter** to display the Separator Main Menu screen (EDIM934).

```
Select
EDIM934 7.5 _____ SEPARATOR MAIN MENU XXX 06/01/2011
                                         12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      _  1.  Separator Systems Options Maintenance
          2.  Priority Options Directory
          3.  Priority Options Maintenance
          4.  Separator Monitor

Enter PF1=Help          PF3=Exit

                                         PF15=Logoff
```

- Type **1** in the selection field and press **Enter**.



The system displays the Separator Systems Options Maintenance screen (EDIM935).

```

EDIM935 7.5.1_____ SEPARATOR SYSTEMS OPTIONS MAINTENANCE   XXX 06/01/2011
                                                                12:00:00

Description.....: GENTRAN:CONTROL_SEPARATOR_SUBSYSTEM_____

X12 Interchange Program .....: EDIR931_   Key Usage Indicators
EDIFACT Interchange Program.....: EDIR932_   Test/Prod Use.....: Y
TRADACOMS Interchange Program.....: EDIR933_   Trn/Grp/Int Only...: T
User Interchange Program.....: EDISXIT_   Grp IDs Only.....: Y
Monitor Indicator/Store Sw.....: 1 / 1     Snldr/Rcvr Id Only.: Y
  Monitor Maintenance.....(630)...: _   DELETE PROCESSED DATA < TODAY'S DATE
    .....(631)...: _   DELETE ALL DATA < TODAY'S DATE
    .....(632)...: _   DELETE ALL DATA RECORDS
Trace Indicator.....: D           Router Parameters
Exception Program.....: EDIR852_   Max Start cnt.....: 10
TSQ Storage SW.....: M           Max Wait Time.....: 00 05

Error User Exit Program.....: _____
Error User Exit Data.....: _____
                                Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help           PF3=Exit PF4=Run Maint  PF5=Dir
                          PF10=Updt
    
```

☐ Press **PF5=Dir** to display the Priority Options Directory screen (EDIM936).

```

Select
EDIM936 7.5.2_____ PRIORITY OPTIONS DIRECTORY           XXX 06/01/2011
                                                                12:00:00

Starting Trans/Group id....: _____

A  Trans/  Sender ID           Qual  Version  Test I/G/T
   Group  Receiver ID         Qual  Description  Prod  Ind

-                                     I
-                                     DEFAULT SEPARATION OPTI
- DELHDR                               P   T
-                                     TRADACOMS DELHDR TEST D
- INVOIC                               T   T
-                                     EDIFACT INVOIC TEST DAT
- 810                                  P   T
-                                     X12 810 TEST DATA

-

END OF FILE
Enter PF1=Help           PF3=Exit PF4=Option       PF5=Maint
                          PF7=Bwd  PF8=Fwd
    
```

☐ Type **s** in the A (Action Code) field that corresponds to the Trans/Group ID entry INVOIC and press **PF5=Maint**.

The system displays the Priority Options Maintenance screen (EDIM937).

```

EDIM937 7.5.3_____      PRIORITY OPTIONS MAINTENANCE      XXX 06/01/2011
                                                                12:00:00

** K E Y S **
Trans/Group ID.....: INVOIC
Sender ID / Qual.....: _____ / _____
Receiver ID / Qual....: _____ / _____
Version.....: _____
Test/Prod Ind.....: T
Int/Grp/Trans Ind.....: T

Description.....: EDIFACT_INVOIC_TEST_DATA_____

System Image...: EDI   Program Image...: EDI
  Realtime Immediate Option.....: 204  GENTRAN:REALTIME (INBOUND)
  Queue File Number.....: _____
User Application Program.....: _____
Basic Separator Split file.....: 004
Priority.....: 5
                        Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Dir          PF5=QOpt          PF6=IOpt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del

```

- From the Priority Options Maintenance screen, type **7.5.4** in the Jump Code field and press **Enter** to display the Separator Monitor screen (EDIM938).

```

EDIM938 7.5.4_____      SEPARATOR MONITOR      XXX 06/01/2011
                                                                12:00:00

Date...: _____ Time...: _____

Date   Time      Task #   Opt  User Pgm   Prty  Error Stat  Desc
-----
First Record
00000000 00000000 0000000 D
NO DATA AVAILABLE

END OF FILE
Enter PF1=Help          PF3=Exit
      PF7=Bwd  PF8=Fwd

```

- Press **PF3=Exit** three times to return to the Sterling Gentran Main Menu (EDIM001).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Verify Sterling Gentran:Realtime

**Step 9** Verify the online Sterling Gentran:Realtime system installation.

*Typically performed by:* System Installer

The tasks involved in verifying the Sterling Gentran:Realtime installation are listed below.

Check the box next to each task as you complete it.

- On the Sterling Gentran Main Menu, type **8** and press **Enter**.

```
EDIM001 0.0_____ GENTRAN MAIN MENU          XXX      06/01/2011
EDI/EDI                      XXXXXXXX      12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

8_  1.  Partner Maintenance Menu
     2.  Standards Maintenance Menu
     3.  Databank Maintenance Menu
     4.  Administrative Maintenance
     5.  Mapping Maintenance Menu

     6.  GENTRAN:Plus Main Menu
     7.  GENTRAN:Control Main Menu
     8.  GENTRAN:Realtime Main Menu
     9.  GENTRAN:Viewpoint Main Menu (N/A)

Enter PF1=Help          PF3=Exit

PF15=Logoff
```

The system displays the Sterling Gentran:Realtime Main Menu (EDIM800).

```
EDIM800 8.0_____ GENTRAN:Realtime MAIN MENU  XXX      06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_   1.  System Maintenance
     2.  Online Log Display
     3.  Report Selection
     4.  Exception Processing Facility
     5.  GENTRAN:Realtime Activity

Enter PF1=Help          PF3=Exit

PF15=Logoff
```

- Type **1** to select System Maintenance and press **Enter**.

The system displays the System Maintenance screen (EDIM801).

```

EDIM801 8.1_____ SYSTEM MAINTENANCE XXX 06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      1. System Options
      2. Immediate Directory
      3. Immediate Options
      4. Queue Directory
      5. Queue Options
      6. Schedule Directory
      7. Schedule Options
      8. Path Options Directory
      9. Path Options Maintenance
     10. Online Copy Maintenance
     11. Databank Parameter Maintenance
     12. Acknowledgment Parameter Maintenance

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff

```

- Type **2** to select Immediate Directory and press **Enter** to display the Immediate Directory screen (EDIM810).

```

Select
EDIM810 8.1.2_____ IMMEDIATE DIRECTORY XXX 06/01/2011
                                           12:00:00

Starting Immediate Number: _____

A Opt/Path Description
_ 200 200 GENTRAN:REALTIME (OUTBOUND IVP TEST) X12 TEST DATA
_ 201 201 GENTRAN:REALTIME (OUTBOUND IVP TEST) EDIFACT TEST DATA
_ 202 202 GENTRAN:REALTIME (OUTBOUND IVP TEST) TRADACOMS TEST DATA
_ 203 203 GENTRAN:REALTIME (INBOUND IVP TEST) X12 TEST DATA
_ 204 204 GENTRAN:REALTIME (INBOUND IVP TEST) EDIFACT TEST DATA
_ 205 205 GENTRAN:REALTIME (INBOUND IVP TEST) TRADACOMS TEST DATA
_ 206 206 GENTRAN:REALTIME (DEFERRED IVP TEST) X12 TEST DATA
_ 214 414 GENTRAN:REALTIME (DEFERRED IVP TEST) OUTBOUND EDI EXTRACT PROCE
-
-
-
END OF IMMEDIATE REQUESTS
Enter PF1=Help          PF3=Exit          PF5=Maint          PF6=Path Opt
      PF7=Bwd  PF8=Fwd

```

- Press **PF3=Exit**.

You return to the System Maintenance screen (EDIM801).

```

EDIM801 8.1_____ SYSTEM MAINTENANCE XXX 06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  ___  1.  System Options
        2.  Immediate Directory
        3.  Immediate Options
        4.  Queue Directory
        5.  Queue Options
        6.  Schedule Directory
        7.  Schedule Options
        8.  Path Options Directory
        9.  Path Options Maintenance
       10.  Online Copy Maintenance
       11.  Databank Parameter Maintenance
       12.  Acknowledgment Parameter Maintenance

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
    
```

- Type **4** in the select field and press **Enter** to display the Queue Directory screen (EDIM302).

```

Select
EDIM302 8.1.4_____ QUEUE DIRECTORY XXX 06/01/2011
                                           12:00:00

Starting Queue File Number:  ___

A Queue  Description                                     # of      Init  JCL/
         Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS              0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

- Press **PF3=Exit**.

You return to the System Maintenance screen (EDIM801).

```

EDIM801 8.1_____ SYSTEM MAINTENANCE XXX 06/01/2011
                                           12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  ___  1.  System Options
        2.  Immediate Directory
        3.  Immediate Options
        4.  Queue Directory
        5.  Queue Options
        6.  Schedule Directory
        7.  Schedule Options
        8.  Path Options Directory
        9.  Path Options Maintenance
       10.  Online Copy Maintenance
       11.  Databank Parameter Maintenance
       12.  Acknowledgment Parameter Maintenance

Enter PF1=Help          PF3=Exit

                                           PF15=Logoff
    
```

- Type **6** to select Schedule Directory and press **Enter** to display the Schedule Directory screen (EDIM820).

```

Select
EDIM820 8.1.6_____ SCHEDULE DIRECTORY XXX 06/01/2011
                                           12:00:00

Starting Schedule Number:  ___

A   Number  Description                               Status  Init  JCL/
   _____                               _____  ___  ____
  ___  400    OUTBOUND INSTALLATION SCHEDULE TEST      D       O    EDIT
  ___  401    BATCH SUBMISSION INSTALLATION TEST       D       B    SB
  ___  402    SEPARATOR / MONITOR FILE MAINTENANCE     D       O    EDI1
  ___  403    OUTBOUND APPL. DATABANK MAINTENANCE      D       O    EDI3
  ___  404    OUTBOUND EDI DATABANK MAINTENANCE        D       O    EDI4
  ___  405    INBOUND EDI DATABANK MAINTENANCE        D       O    EDI5
  ___  406    INBOUND APPL. DATABANK MAINTENANCE      D       O    EDI6
  ___  407    ACKNOWLEDGEMENT MONITOR SCHEDULE        D       O    EDI7
  ___  411    CONNECT BATCH NUMBER UPDATE             D       O    EDI0
  ___  414    OUTBOUND EDI DATABANK EXTRACT SCHEDUL   D       O    EDIE

Enter PF1=Help          PF3=Exit          PF5=Maint
      PF7=Bwd  PF8=Fwd
    
```

- Press **Home** to move the cursor to the Jump Code field, type **EXIT**, and press **Enter** to exit the Sterling Gentran system.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Outbound Processing

Perform the installation verification steps in this section to ensure that the outbound processing is installed properly.

### Test Outbound X12 Immediate Option

**Step 10** Test the outbound X12 immediate option.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDIT0b200b** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 200, which uses Path Option 200. Immediate Option 200 processes outbound X12 test data. Other steps in this chapter will verify test data for the EDIFACT and TRADACOMS message standards.

The system displays the following message:

```
BEGINNING PROCESSING      DATE:  YY-MM-DD  TSQNAME:  XXXXXXXX
```

When the transaction is complete, the following message will replace the original display:

```
TRANSFERRING TO EDIR101      RECORD CNT:    00000068
RETURNED FROM EDIR101      SUCCESSFUL COMPLETION
RETURN CODE:      00      EDI-20101I 00SUCCESSFUL LINK TO
PROGRAM : EDIRTOUT STATUS CODE: 00 ERROR LVL: 0 STARTING TIME: HH:MM:SS ENDING
TIME: HH:MM:SS DIFFERENCE: SSS.SSS IN SECONDS.
```

Verify the results of the test by performing the following tasks:

- Type your system image ID on a blank CICS screen, and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **8** to select Sterling Gentran:Realtime Main Menu and press **Enter**. The system displays the Sterling Gentran:Realtime Main Menu.
- Type **2** to select Online Log Display, and press **Enter**.



The system displays the Online Log Display screen (EDIM304).

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters====> Errors Only:  _ Program: _____
Position      Task #      TranID      Time      Date      Max Count
Criteria====> _____      _____      _____      _____      0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   -     -     -     -     -     -         -
00001 EDIT  12:00:00 06/01/2011 TS03  EDIRPGM  EDI-00000-I 00
TSQ SENT TO EDIRTOUT IS NAMED: EDI20005 NUMBER OF RECS: 00000050
-   -     -     -     -     -     -         -
00001 EDIT  12:00:00 06/01/2011 TS03  EDIR102  EDI-20101-I 00
SUCCESSFUL LINK TO PROGRAM : EDIRTOUT STATUS CODE: 00 ERROR LVL: 00
-   -     -     -     -     -     -         -
00001 EDIT  12:00:00 06/01/2011 TS03  EDIR102  EDI-20104-I 00
RTE GATEWAY ENDS: OUTBOUND TO USER
-   -     -     -     -     -     -         -
00001 EDIT  12:00:00 06/01/2011 TS03  EDIR313  EDI-00007-T 00
EDIR102 - OUTBOUND GATEWAY..... ENDED
-   -     -     -     -     -     -         -
00001 EDIT  12:00:00 06/01/2011 TS03  EDIR313  EDI-00007-T 00
EDIR313 COMPLETE
-   -     -     -     -     -     -         -
00001 EDIT  12:00:00 06/01/2011 TS03  EDIR101  EDI-20104-I 00
RTE GATEWAY ENDS: USER TO OUTBOUND

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd
    
```

**Note:** The messages are trace messages. The ones illustrated here may differ from the ones displayed on your screen.

- Type **8.3** and press **Enter** in the Jump Code field to display the Report Selection screen (EDIM310).

```

Select Print Log Exception Activity
EDIM310 8.3_____ REPORT SELECTION          XXX   06/01/2011
                                           12:00:00

Path ID.....: _____ Process.....: _____
Line Incrmnt...: _____ Cond Code...: _ (Y)
From Date.....: _____ To Date.....: _____ (MM/DD/YYYY)
From Time.....: _____ To Time.....: _____ (HH:MM:SS)
Task #.....: _____ Max Srch...: 0450
Print Job Name: _____

  Generation      Path   Process   Con   Task      Control
A   Date         Time   ID   Name   St Cd   #   Description   Address
-   -         -     -   -     - -   -   -             -
-   06/01/2011 12:00:00 200  EDI42E  00    1   X12 O/B IVP    1
-   06/01/2011 12:00:00 200  EDI42S  00    1   X12 O/B IVP    2
-   06/01/2011 12:00:00 200  EDI02S  00    1   X12 O/B IVP    3
-   06/01/2011 12:00:00 200  EDI02E  00    1   X12 O/B IVP    4
-
-
-
-
-
-
-
-
Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd
    
```

- Type an **s** in the A (Action Code) field to the left of each report (EDI42S, EDI42E, EDI02E and EDI02S) and press **PF5=Action**.

The system displays the Sterling Gentran:Realtime EDI Report Display screen (EDIM311).

The following are examples of the first screen that is displayed for each report and the complete report. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- ❑ After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

### Sample Sterling Gentran:Realtime EDI Report Display screen for EDI42E

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI42E
Search.: _____ Line Increment: _____ Job Name: _____
PROGRAM EDIR042 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
ERROR **RECORD**          FIELD SEG  ELE
NUMBR   NBR ID            SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
***** APPLICATION DEFINITION - POFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030PO - LOADED *****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                APPLICATION RECORDS READ ----- 68
                                APPLICATION RECORDS SUSPENDED -      0
                                TOTAL RECORDS WRITTEN ----- 136
                                RETURN CODE FOR MAPPING ----- 0

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit          PF5=Print      PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top    PF13=Bot

```

### Sample Sterling Gentran:Realtime EDI42E Report

```

EDIR042   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING OUTGOING DATA   PAGE 1
ERROR **RECORD**          FIELD SEG  ELE
NUMBR   NBR ID            SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
***** APPLICATION DEFINITION - POFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030PO - LOADED *****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                APPLICATION RECORDS READ ----- 68
                                APPLICATION RECORDS SUSPENDED -      0
                                TOTAL RECORDS WRITTEN ----- 136
                                RETURN CODE FOR MAPPING ----- 0

```

Sample Sterling Gentran:Realtime EDI Report Display Screen for EDI42S

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                    12:00:00

Task ID: 0000001 Process Name: EDI42S
Search.: _____ Line Increment: _____ Job Name: _____
EDIR042   RUN 06/01/2011   TIME 12:00   PROCESSING OPTIONS FOR MAPPI+
PROGRAM EDIR042 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDID152 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDIR043 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDIR045 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
PROGRAM EDIR056 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
APPLICATION TO PROCESS-----POFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
PARTNER PROFILE MODE-----RELATIONSHIP MODE
PARTNER PROCESSING SEQUENCE-----SEARCH PARTNER FILE

Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd           PF10=Left PF11=Rgt PF12=Top   PF13=Bot
    
```

**Note:** If you are processing in Mixed mode, this report will show the following values in the fields indicated:

Field	Value for Mixed Mode Processing
Partner Profile Mode	Mixed Mode
Directory Posting Option	Post Sender/Receiver
Default User ID	ISA-PARTNER

Sample Sterling Gentran:Realtime EDI42S Report

```

EDIR042  RUN 06/01/2011  TIME 12:00  PROCESSING OPTIONS FOR MAPPING OUTGOING DATA  PAGE 1
PROGRAM EDIR042  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDID152  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIR043  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIR045  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIR056  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
APPLICATION TO PROCESS-----POFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
PARTNER PROFILE MODE-----RELATIONSHIP MODE
PARTNER PROCESSING SEQUENCE-----SEARCH PARTNER FILE
DIRECTORY POSTING OPTION-----POST USER/PARTNER
DEFAULT USER ID-----YOUR COMPANY
USE MULTIPLE ENVELOPE ID -----N
USE INTERCHANGE PARTNER WITH VERSION----N
USE GROUP PARTNER WITH VERSION-----N
USE TRANSACTION PARTNER WITH VERSION----N
ENVELOPE GENERATION OPTION-----MAPPER GENERATES ENVELOPES
EDIR042  RUN 06/01/2011  TIME 12:00  PROCESSING OPTIONS FOR ENVELOPE GENERATION  PAGE 1
NO ENVELOPE PARAMETERS SPECIFIED -----
GENTRAN:REALTIME PARAMETERS-----ENABLED
REALTIME PROCESSING OPTION-----200
REALTIME PROCESSING PATH-----200
REALTIME PRINT REPORT SWITCH-----NO
EDIR042  RUN 06/01/2011  TIME 12:00  SUMMARY CONTROL COUNTS MAPPING OUTGOING DATA  PAGE 1
PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
SEQUENTIAL INPUT DOCUMENTS READ ----- 4
SEQUENTIAL INPUT RECORDS READ ----- 68
SEQUENTIAL INPUT CHARACTERS READ ----- 17,000
DOCUMENTS STORED ON DATA BANK ----- 4
RECORDS STORED ON DATA BANK ----- 68
DOCUMENTS REPROCESSED ----- 0
RECORDS REPROCESSED ----- 0
CHARACTERS REPROCESSED ----- 0
DOCUMENTS SUSPENDED ----- 0
RECORDS SUSPENDED ----- 0
CHARACTERS SUSPENDED ----- 0
EDI DOCUMENTS GENERATED ----- 4
EDI PACKAGES GENERATED ----- 0
TOTAL RECORDS WRITTEN ----- 136
NUMBER OF APPLICATIONS PROCESSED ----- 1
NUMBER OF MAP DEFINITIONS PROCESSED --- 1
NUMBER OF TRADING PARTNERS PROCESSED -- 4
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
**** END OF SUMMARY REPORT ***
    
```

**Note:** If you are processing in Mixed mode, this report will show the following values in the fields indicated:

Field	Value for Mixed Mode Processing
Partner Profile Mode	Mixed Mode
Directory Posting Option	Post Sender/Receiver
Default User ID	ISA-PARTNER

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI02E

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI02E
Search.: _____ Line Increment: ____ Job Name: _____
EDIR002   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING +
ERROR RECORD SEG ELT/COMP
NUMBR NUMBER ID  NBR   INFORMATION           ERROR MESSAGE

*** DATABANK *****   RUN #   = 00000001

NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY

                                     * * *   END OF REPORT   * * *

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top   PF13=Bot

```

## Sample Sterling Gentran:Realtime EDI02E Report

```

EDIR002   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING OUTGOING DATA   PAGE   1
ERROR RECORD SEG ELT/COMP
NUMBR NUMBER ID  NBR   INFORMATION           ERROR MESSAGE

*** DATABANK *****   RUN #   = 00000001

NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY

                                     * * *   END OF REPORT   * * *

```

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI02S

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY      XXX      06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI02S
Search.: _____ Line Increment: _____ Job Name: _____
EDIR002      RUN 06/01/2011      TIME 12:00      RUNTIME GLOBAL PARAMETER OVE+
EDIR002      RUN 06/01/2011      TIME 12:00      SYSTEM CONFIGURATION OPTIONS+
INTCHG VERSION      = N
GROUP VERSION      = N
TRANSACTION VERSION = N
TRADING PROFILE MODE RELATIONSHIP
MULTIPLE ENVELOPE DISABLED
EDIR002      RUN 06/01/2011      TIME 12:00      GLOBAL PARAMETER LIST      +
VERIFY PARTNER INTERCHANGE      OFF
VERIFY PARTNER GROUP      OFF
VERIFY PARTNER TRANSACTION      OFF
ERROR REPORT ALWAYS
ICS TABLES OFF
CODE CHECK ON

Enter PF1=Help PF2=Sum      PF3=Exit      PF5=Print      PF6=NxtEr
      PF7=Bwd  PF8=Fwd      PF10=Left PF11=Rgt PF12=Top  PF13=Bot

```

**Note:** If you are processing in Mixed mode, the value in the Trading Profile Mode field for this report will be **Mixed**.

Sample Sterling Gentran:Realtime EDI02S Report

```

EDIR002  RUN 06/01/2011  TIME 12:00  RUNTIME GLOBAL PARAMETER OVERRIDES          PAGE 1
EDIR002  RUN 06/01/2011  TIME 12:00  SYSTEM CONFIGURATION OPTIONS              PAGE 2
INTCHG VERSION      = N
GROUP VERSION       = N
TRANSACTION VERSION = N
TRADING PROFILE MODE RELATIONSHIP
MULTIPLE ENVELOPE DISABLED
EDIR002  RUN 06/01/2011  TIME 12:00  GLOBAL PARAMETER LIST                      PAGE 3
VERIFY PARTNER INTERCHANGE  OFF
VERIFY PARTNER GROUP        OFF
VERIFY PARTNER TRANSACTION  OFF
ERROR REPORT ALWAYS
ICS TABLES OFF
CODE CHECK ON
PARTNER DATABANK OFF
COMPRESS TRANSMISSION
OUTPUT FILE LENGTH 080
GS SENDER/RECEIVER QUALIFIER INTERCHANGE
OUTBOUND EDI INTERCHANGE FULL
OUTBOUND EDI GROUP DIRECTORY
OUTBOUND EDI TRANSACTION DIRECTORY
EDIR002  RUN 06/01/2011  TIME 12:00  SUMMARY CONTROL COUNTS PROCESSING OUTGOING DATA  PAGE 4
PROGRAM EDIR002  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDID252  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
OVERALL INPUTS AND OUTPUTS SUMMARY
INTERCHANGES READ ----- 4
GROUPS READ ----- 4
TRANSACTIONS READ ----- 4
SEGMENTS READ ----- 124
RECORDS READ ----- 136
CHARACTERS READ ----- 4,037
INTERCHANGES WRITTEN ----- 4
INTERCHANGES REJECTED ----- 0
INTERCHANGES SUSPENDED ----- 0
GROUPS WRITTEN ----- 4
GROUPS REJECTED ----- 0
GROUPS SUSPENDED ----- 0
TRANSACTIONS WRITTEN ----- 4
TRANSACTIONS REJECTED ----- 0
TRANSACTIONS SUSPENDED ----- 0
SEGMENTS WRITTEN ----- 124
CHARACTERS WRITTEN (WRAPPED OUTPUT)----- 3,808
SEGMENTS SUSPENDED ----- 0
MISCELLANEOUS OUTPUT SUMMARY
TOTAL PASS-THRU WRITTEN----- 0
DIRECTION PASS-THRU WRITTEN ----- 0
ERROR REJECTION PASS-THRU WRITTEN ----- 0
TOTAL RECORDS WRITTEN----- 50
TOTAL PACKAGES WRITTEN----- 0
EDITOR PATH USED ----- 999
REALTIME PROCESSING OPTION----- 200
REALTIME PROCESSING PATH----- 200
REALTIME PRINT REPORT SWITCH----- NO

DATABANK OUTPUT SUMMARY
INTERCHANGES STORED ON DATA BANK ----- 4
REJECTED INTERCHANGES ON DATA BANK ---- 0
GROUPS STORED ON DATA BANK ----- 4
REJECTED GROUPS ON DATA BANK ----- 0
TRANSACTIONS STORED ON DATA BANK ----- 4
REJECTED TRANSACTIONS ON DATA BANK ---- 0
SEGMENTS STORED ON DATA BANK ----- 124
CHARACTERS STORED ON DATA BANK ----- 4,000
RECORDS STORED ON DATA BANK ----- 50

PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
***** END OF JOB*****
    
```

**Note:** If you are processing in Mixed mode, the value in the Trading Profile Mode field for this report will be **Mixed**.

- After verifying all four reports, exit the Sterling Gentran:Realtime system by pressing **Home**, typing **EXIT** in the Jump Code field and pressing **Enter**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Test Outbound EDIFACT Immediate Option

**Step 11** Test the outbound EDIFACT immediate option. This is an optional test.

**(Optional)**

If you will *not* be processing EDIFACT data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITOb2011** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 201, which uses Path Option 201. Immediate Option 201 processes outbound EDIFACT test data. The input data for this test is contained in the **EDIAPPL1** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and TRADACOMS message standards.

The results of this test will be similar to the outbound X12 immediate option test in **Step 10**. Specific samples of the EDIFACT test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Test Outbound TRADACOMS Immediate Option**

**Step 12** Test the outbound TRADACOMS immediate option. This is an optional test.

**(Optional)** If you will not be processing TRADACOMS data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITO~~b~~2022** (where ~~b~~ indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 202, which uses Path Option 202. Immediate Option 202 processes outbound TRADACOMS test data. The input data for this test is contained in the **EDIAPPL2** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and EDIFACT message standards.

The results of this test will be similar to the outbound X12 immediate option test in **Step 10**. Specific samples of the TRADACOMS test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Test Outbound Deferred Enveloping Immediate Option

**Step 13** Test the outbound Deferred Enveloping immediate option. This is an optional test.

**(Optional)** If you will not be processing using Deferred Enveloping, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITOb206** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 206, which uses Path Option 206. Immediate Option 206 processes outbound X12 test data.

The results of this test will be similar to the outbound X12 immediate option test in **Step 10**. Because the data for this test is the same data that was used for the Outbound X12 Immediate Option Test, the Outbound Mapper will complete with a condition code of **04**, indicating that the data is duplicated. Specific samples of the Deferred Enveloping test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Inbound Processing

Perform the installation verification steps in this section to ensure that the inbound processing is installed properly.

### Test Inbound X12 Immediate Option

**Step 14** Test the inbound X12 immediate option.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDIT**b**203**b**** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 203, which uses Path Option 203. Immediate Option 203 processes inbound X12 test data. Other steps in this chapter verify test data for the EDIFACT and TRADACOMS message standards.

The system displays the following message:

```
BEGINNING PROCESSING      DATE:  YY-MM-DD  TSQNAME:  XXXXXXXX
```

When the transaction is complete, the system displays the following message, replacing the original display:

```
TRANSFERRING TO EDIR103   RECORD CNT:      00000080

RETURNED FROM EDIR103     SUCCESSFUL COMPLETION
RETURN CODE:              00                EDI-20103I 00SUCCESSFUL LINK TO
PROGRAM : EDIRTOUT STATUS CODE: 00 ERROR LVL: 0STARTING TIME: HH:MM:SS ENDING
TIME: HH:MM:SS DIFFERENCE: SSS.SSS IN SECONDS.
```

Verify the results of the test by performing the following tasks:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **8** to select the Sterling Gentran:Realtime Main Menu and press **Enter**. The system displays the Sterling Gentran:Realtime Main Menu.
- Type **2** to select the Online Log Display and press **Enter**.

The system displays the Online Log Display screen.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters==>  Errors Only:  _  Program: _____
  Position      Task #    TranID      Time          Date          Max Count
Criteria==>  _____  _____  _____  _____  _____  0450

A   Task  Tran   Time     Date     Term   Program   Error Code
-   00001  EDIT   12:00:00 06/01/2011 TS02   EDIRPGM   EDI-00000-I 00
-   TSQ SENT TO EDIRTOU IS NAMED: EDI40008 NUMBER OF RECS: 00000114
-   00001  EDIT   12:00:00 06/01/2011 TS02   EDIR104   EDI-20103-I 00
-   SUCCESSFUL LINK TO PROGRAM : EDIRTOU STATUS CODE: 00 ERROR LVL: 00
-   00001  EDIT   12:00:00 06/01/2011 TS02   EDIR104   EDI-20104-I 00
-   RTE GATEWAY ENDS: INBOUND TO USER
-   00001  EDIT   12:00:00 06/01/2011 TS02   EDIR313   EDI-00007-T 00
-   EDIR104 - INBOUND GATEWAY..... ENDED
-   00001  EDIT   12:00:00 06/01/2011 TS02   EDIR313   EDI-00007-T 00
-   EDIR313 COMPLETE
-   00001  EDIT   12:00:00 06/01/2011 TS02   EDIR103   EDI-20104-I 00
-   RTE GATEWAY ENDS: USER TO INBOUND

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd  PF8=Fwd
    
```

**Note:** The messages are trace messages. The ones illustrated here may differ from the ones displayed on your screen.

- Type **8.3** in the Jump Code field and press **Enter** to display the Report Selection screen (EDIM310).

```

Select Print Log Exception Activity
EDIM310 8.3_____ REPORT SELECTION          XXX   06/01/2011
                                           12:00:00

Path ID.....: _____ Process.....: _____
Line Incrmnt.: _____ Cond Code..: _ (Y)
From Date.....: _____ To Date.....: _____ (MM/DD/YYYY)
From Time.....: _____ To Time....: _____ (HH:MM:SS)
Task #.....: _____ Max Srch...: 0450
Print Job Name: _____

  Generation      Path  Process   Con  Task      Control
A   Date          Time  ID        Name  St Cd   #      Description  Address
-   06/01/2011 12:00:00 203 EDI01S   00    1  X12 I/B IVP    1
-   06/01/2011 12:00:00 203 EDI01E   00    1  X12 I/B IVP    2
-   06/01/2011 12:00:00 203 ACKFMT   00    1  X12 I/B IVP    3
-   06/01/2011 12:00:00 203 EDI41E   00    1  X12 I/B IVP    4
-   06/01/2011 12:00:00 203 EDI41S   00    1  X12 I/B IVP    5
-
-
-
-
Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd  PF8=Fwd
    
```

- Type an **s** in the A (Action Code) field to the left of each report (EDI01S, EDI01E, ACKFMT, EDI41E and EDI41S) and press **PF5=Action**.

The system displays the Sterling Gentran:Realtime EDI Report Display screen (EDIM311).

The following illustrations are examples of the first screen displayed for each report and the complete report. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- ❑ After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

### Sample Sterling Gentran:Realtime EDI Report Display screen for EDI01S

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                    12:00:00
Task ID: 0000001 Process Name: EDI01S
Search.: _____ Line Increment: ____ Job Name: _____

EDIR001   RUN 06/01/2011   TIME 12:00   RUNTIME GLOBAL PARAMETER OVE+
EDIR001   RUN 06/01/2011   TIME 12:00   SYSTEM CONFIGURATION OPTIONS+
INTCHG VERSION      = N
GROUP VERSION       = N
TRANSACTION VERSION = N
TRADING PROFILE MODE RELATIONSHIP
MULTIPLE ENVELOPE DISABLED
EDIR001   RUN 06/01/2011   TIME 12:00   GLOBAL PARAMETER LIST   +
VERIFY PARTNER INTERCHANGE   OFF
VERIFY PARTNER GROUP         OFF
VERIFY PARTNER TRANSACTION   OFF
VERIFY RECEIVER INTERCHANGE  OFF
VERIFY RECEIVER GROUP        OFF
ERROR REPORT ALWAYS

Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd           PF10=Left PF11=Rgt PF12=Top   PF13=Bot

```

**Note:** If you are processing in Mixed mode, the value in the Trading Profile Mode field for this report will be **Mixed**.

Sample Sterling Gentran:Realtime EDI01S report

```

EDIR001    RUN 06/01/2011    TIME 12:00    RUNTIME GLOBAL PARAMETER OVERRIDES    PAGE    1
EDIR001    RUN 06/01/2011    TIME 12:00    SYSTEM CONFIGURATION OPTIONS          PAGE    2
INTCHG VERSION      = N
GROUP VERSION       = N
TRANSACTION VERSION = N
TRADING PROFILE MODE RELATIONSHIP
MULTIPLE ENVELOPE DISABLED
EDIR001    RUN 06/01/2011    TIME 12:00    GLOBAL PARAMETER LIST                  PAGE    3
VERIFY PARTNER INTERCHANGE    OFF
VERIFY PARTNER GROUP          OFF
VERIFY PARTNER TRANSACTION    OFF
VERIFY RECEIVER INTERCHANGE   OFF
VERIFY RECEIVER GROUP        OFF
ERROR REPORT ALWAYS
OUTPUT MESSAGE ON
DIRECTED OUTPUT FILES
ICS TABLES OFF
CODE CHECK ON
BG PARTNER YES
PARTNER ACKNOWLEDGEMENT
PARTNER DATABANK OFF
GS SENDER/RECEIVER QUALIFIER SPACES
INBOUND EDI INTERCHANGE FULL
INBOUND EDI GROUP DIRECTORY
INBOUND EDI TRANSACTION DIRECTORY
PARTNER SEQUENCE OFF
EDIR001    RUN 06/01/2011    TIME 12:00    SUMMARY CONTROL COUNTS PROCESSING INCOMING DATA    PAGE    4
PROGRAM EDIR001  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6
PROGRAM EDID352  COMPILED ON 06/01/11 AT 12.00.00    VERSION 6.6

PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
OVERALL INPUTS AND OUTPUTS SUMMARY
INTERCHANGES READ ----- 1          DATABANK OUTPUT SUMMARY
GROUPS READ ----- 1          INTERCHANGES STORED ON DATA BANK ----- 1
TRANSACTIONS READ ----- 6          REJECTED INTERCHANGES ON DATA BANK ---- 0
SEGMENTS READ ----- 226        GROUPS STORED ON DATA BANK ----- 1
RECORDS READ ----- 80          REJECTED GROUPS ON DATA BANK ----- 0
CHARACTERS READ ----- 6,392    TRANSACTION STORED ON DATA BANK ----- 6
INTERCHANGES WRITTEN ----- 1    REJECTED TRANSACTIONS ON DATA BANK ---- 0
INTERCHANGES REJECTED ----- 0    SEGMENTS STORED ON DATA BANK ----- 226
INTERCHANGES SUSPENDED ----- 0    CHARACTERS STORED ON DATA BANK ----- 6,400
GROUPS WRITTEN ----- 1          RECORDS STORED ON DATA BANK ----- 80
GROUPS REJECTED ----- 0
GROUPS SUSPENDED ----- 0
TRANSACTIONS WRITTEN ----- 6
TRANSACTIONS REJECTED ----- 0
TRANSACTIONS SUSPENDED ----- 0
SEGMENTS WRITTEN ----- 226
PACKAGES WRITTEN ----- 0
CHARACTERS WRITTEN (EXPANDED OUTPUT)--- 8,435
MISCELLANEOUS OUTPUT SUMMARY
SEGMENTS SUSPENDED----- 0
NON-EDI RECORDS SUSPENDED----- 0
ERROR RECORDS WRITTEN----- 0
TOTAL PASS-THRU WRITTEN----- 0
DIRECTION PASS-THRU WRITTEN ----- 0
ERROR REJECTION PASS-THRU WRITTEN ---- 0
TOTAL RECORDS WRITTEN----- 244
GENERATED ACKNOWLEDGEMENT SUMMARY
TOTAL ACK. INFORMATION GENERATED ----- 11
DATABANK RUN NUMBER ----- 00000001
EDITOR PATH USED ----- 000
REALTIME PROCESSING OPTION----- 203
REALTIME PROCESSING PATH----- 203
REALTIME PRINT REPORT SWITCH----- NO

PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
* * * END OF REPORT * * *
    
```

**Note:** If you are processing in Mixed mode, the value in the Trading Profile Mode field for this report will be **Mixed**.

Sample Sterling Gentran:Realtime EDI Report Display screen for EDI01E

```
EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                    12:00:00

Task ID: 0000001 Process Name: EDI01E
Search.: _____ Line Increment: ____ Job Name: _____

EDIR001   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING +
ERROR RECORD SEG ELT/COMP/REPEAT
NUMBR NUMBER ID  NBR   INFORMATION          ERROR MESSAGE

*** DATABANK *****   RUN #   = 00000001

NO COMPLIANCE ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY.

                               * * *   END OF REPORT   * * *
*****+

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top   PF13=Bot
```

Sample Sterling Gentran:Realtime EDI01E report

```
EDIR001   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED PROCESSING INCOMING DATA   PAGE   1
ERROR RECORD SEG ELT/COMP/REPEAT
NUMBR NUMBER ID  NBR   INFORMATION          ERROR MESSAGE

*** DATABANK *****   RUN #   = 00000001

NO COMPLIANCE ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY.

                               * * *   END OF REPORT   * * *
*****
```

Sample Sterling Gentran:Realtime EDI Report Display screen for ACKFMT

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                           12:00:00

Task ID: 0000001 Process Name: ACKFMT
Search.: _____ Line Increment: ____ Job Name: _____

EDIR110   RUN   06/01/11   TIME 12:00   GENTRAN:REALTIME ACKNOWLEDGEME+
PROGRAM EDIR110 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
INTCHG           REPORT
NUMBER           COUNT
   01             11
PARTNER: YOUR COMPANY   THEIR COMPANY
INTRCHG: ISA*00*       *00*       *ZZ*6147937000   *ZZ*5136666666 +

TOTALS
TOTAL ACK INTS READ:           1
TOTAL ACK SEGS READ:          11
TOTAL ACK SEGS WRITTEN:       11

Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top   PF13=Bot
    
```

Sample Sterling Gentran:Realtime ACKFMT report

```

EDIR110   RUN   06/01/11   TIME 12:00   GENTRAN:REALTIME ACKNOWLEDGEMENT REFORMAT   PAGE   1
PROGRAM EDIR110 COMPILED ON 06/01/11 AT 12.00.00   VERSION 6.6
INTCHG           REPORT
NUMBER           COUNT
   01             11
PARTNER: YOUR COMPANY   THEIR COMPANY
INTRCHG: ISA*00*       *00*       *ZZ*6147937000   *ZZ*5136666666
*031201*1200*:00403*000000001*0*P*>?

TOTALS
TOTAL ACK INTS READ:           1
TOTAL ACK SEGS READ:          11
TOTAL ACK SEGS WRITTEN:       11
    
```

**Note:** If you are processing in Mixed mode, the value in the Partner field for this report will be **VENDOR-1**.



## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI41E

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                12:00:00

Task ID: 0000001 Process Name: EDI41E
Search.: _____ Line Increment: ____ Job Name: _____
EDIR041   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING I+
ERROR   **RECORD**   FIELD SEG ELE
NUMBR   NBR ID   SEQ # ID SEQ INFORMATION   ERROR MESSAGE
***** APPLICATION DEFINITION - INVFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030IN - LOADED *****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                EDI RECORDS READ ----- 244
                                EDI RECORDS SUSPENDED ----- 0
                                APPLICATION RECORDS WRITTEN ---- 114
                                RETURN-CODE FOR MAPPING ----- 0

END OF ONLINE REPORTS
Enter PF1=Help PF2=Sum   PF3=Exit   PF5=Print   PF6=NxtEr
      PF7=Bwd  PF8=Fwd   PF10=Left PF11=Rgt PF12=Top  PF13=Bot

```

## Sample Sterling Gentran:Realtime EDI41E report.

```

EDIR041   RUN 06/01/2011   TIME 12:00   ERRORS ENCOUNTERED MAPPING INCOMING DATA   PAGE 1
ERROR   **RECORD**   FIELD SEG ELE
NUMBR   NBR ID   SEQ # ID SEQ INFORMATION   ERROR MESSAGE
***** APPLICATION DEFINITION - INVFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030IN - LOADED *****
NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY - PROCESSING COUNTS BELOW
                                EDI RECORDS READ ----- 244
                                EDI RECORDS SUSPENDED ----- 0
                                APPLICATION RECORDS WRITTEN ---- 114
                                RETURN-CODE FOR MAPPING ----- 0

```

## Sample Sterling Gentran:Realtime EDI Report Display screen for EDI41S

```

EDIM311 _____ GENTRAN:Realtime EDI REPORT DISPLAY   XXX   06/01/2011
                                                    12:00:00

Task ID: 0000001 Process Name: EDI41S
Search.: _____ Line Increment: _____ Job Name: _____
  EDIR041      RUN 06/01/2011      TIME 12:00      PROCESSING OPTIONS FOR MAPPI+
PROGRAM EDIR041  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDID452  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIRO43  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIRO44  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
APPLICATION TO PROCESS-----INVFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
RIGHT JUSTIFY ALL APPLICATION REALS-----N
HANDLE FLOATING NOTES WITHIN A SECTION--Y
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
DIRECTORY POSTING OPTION-----POST USER/PARTNER

Enter PF1=Help PF2=Sum   PF3=Exit           PF5=Print     PF6=NxtEr
      PF7=Bwd  PF8=Fwd           PF10=Left  PF11=Rgt  PF12=Top   PF13=Bot

```

**Note:** For this report, if you are processing in Mixed mode, the value in the Directory Posting option field will be **Post Receiver/Sender** and the value in the Partner Profile Mode field will be **Mixed Mode**.

## Sample Sterling Gentran:Realtime EDI41S report

```

EDIR041 RUN06/01/2011 TIME 12:00 PROCESSING OPTIONS FOR MAPPING INCOMING DATA PAGE 1
PROGRAM EDIR041 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID452 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDIR043 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDIR044 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
APPLICATION TO PROCESS-----INVFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----
RIGHT JUSTIFY ALL APPLICATION REALS-----N
HANDLE FLOATING NOTES WITHIN A SECTION--Y
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000001
DIRECTORY POSTING OPTION-----POST USER/PARTNER
PARTNER PROFILE MODE-----RELATIONSHIP MODE
PRINT PARTNER NAME -----N
WRITE APPLICATION RECORDS-----Y
REALTIME PROCESSING OPTION-----203
REALTIME PROCESSING PATH-----203
REALTIME PRINT REPORT SWITCH-----NO
BUSINESS DOCUMENT TRACKING-----N
SUPPORT SINGLE QUOTE -----N
VERIFY PARTNER SPECIFIC MAP VERSION-----N
EDIR041 RUN06/01/2011 TIME 12:00 SUMMARY CONTROL COUNTS MAPPING INCOMING DATA PAGE 1
PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
INTERCHANGES READ ----- 1
GROUPS READ ----- 1
TRANSACTIONS READ ----- 6
SEGMENTS READ ----- 210
CHARACTERS READ ----- 25,058
DOCUMENTS STORED ON DATA BANK ----- 6
RECORDS STORED ON DATA BANK ----- 114
APPLICATION DOCUMENTS WRITTEN ----- 6
APPLICATION RECORDS WRITTEN ----- 114
APPLICATION CHARACTERS WRITTEN ----- 9,120
DOCUMENTS SUSPENDED ----- 0
RECORDS SUSPENDED ----- 0
CHARACTERS SUSPENDED ----- 0
NUMBER OF APPLICATIONS PROCESSED ----- 1
NUMBER OF MAP DEFINITIONS PROCESSED --- 1
NUMBER OF TRADING PARTNERS PROCESSED -- 1
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
**** END OF SUMMARY REPORT ****

```

**Note:** For this report, if you are processing in Mixed mode, the value in the Directory Posting option field will be **Post Receiver/Sender** and the value in the Partner Profile Mode field will be **Mixed Mode**.

- After verifying all five reports, exit the Sterling Gentran:Realtime system by pressing **Home**, typing **EXIT** in the Jump Code field and pressing **Enter**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Test Inbound EDIFACT Immediate Option

**Step 15** Test the inbound EDIFACT immediate option. This is an optional test.

**(Optional)** If you will not be processing EDIFACT data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITI**b**2041** (where **b** indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 204, which uses Path Option 204. Immediate Option 204 processes inbound EDIFACT test data. The input for this test is contained in the **EDIDAT1** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and TRADACOMS message standards.

The results of this test will be similar to the inbound X12 immediate option test in **Step 14**. Specific samples of the EDIFACT test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Test Inbound TRADACOMS Immediate Option**

**Step 16** Test the inbound TRADACOMS immediate option. This is an optional test.

**(Optional)** If you will not be processing TRADACOMS data, you may skip this test.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITI<sup>h</sup>2052** (where <sup>h</sup> indicates a blank space) and press **Enter**.

**Note:** This transaction runs Immediate Option 205, which uses Path Option 205. Immediate Option 205 processes inbound TRADACOMS test data. The input data for this test is contained in the **EDIDAT2** data set, which should have been unloaded during the installation procedures in Chapter 3. Other steps in this chapter verify test data for the X12 and EDIFACT message standards.

The results of this test will be similar to the inbound X12 immediate option test in **Step 14**. Specific samples of the TRADACOMS test are not provided.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Queue File Processing

Perform the installation verification steps in this section to ensure that queue file processing is installed properly.

### Verify Queue Files

**Step 17** Verify that the queue files are set up with correct trigger levels.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **8** to select the Sterling Gentran:Realtime Main Menu and press **Enter**. The system displays the Sterling Gentran:Realtime Main Menu.
- On the Sterling Gentran:Realtime Main Menu, type **1** to select System Maintenance and press **Enter**. The system displays the System Maintenance Menu.
- On the System Maintenance menu, type **5** to select Queue Options Maintenance and press **Enter**. The system displays the Queue Options Maintenance screen.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                           12:00:00

Queue File Number.....: 001          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                           QUEUE_FILE_001_____
Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels
Range (Low/High).....: 0000 / 0001    Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000          Doc Groups per Run...: 0001
Time Based Interval...: 0000          Minutes (with Low Range)
                                           EXT or SCH or Minutes
Initiation Actions
Action to Initiate....: B          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: OB_          Stall Limit.....: 15
Online TransID.....: _____    Appl.Prog.....: _____
Path Option ID.....: _____    Active Path.....: _____
Exception Pgm.....: _____    TSQ Store Sw.....: _ A=Auxiliary M=Main
                                           C=TSQ Chaining

Error User Exit Program: _____    Error User Exit Data: _____
Last Update Date: 00/00/00    Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Ext PF6=Path Opt
PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del PF14=Ddt1

```

- If the Queue file does not contain 0001 in the Trigger Levels Range High field, change the value to **0001** and press **PF10=Updt** to save the change.

- Press **PF8=Fwd** to review queue files 001 through 008 to verify that the files have a high document trigger level of **0001** entered in the Trigger Levels Range High field.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Test Sterling Gentran:Realtime Queue Files

**Step 18** Test Sterling Gentran:Realtime queue file processing.

*Typically performed by:* System Installer

This test requires three executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds, so the test will take 4 – 6 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

You can monitor the execution of the Online Scanner/Initiator on the Online Log Display screen (EDIM304). The time it was started, the last time it executed, and the scan interval are shown.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters====> Errors Only: _ Program: _____
  Position      Task #      TranID      Time      Date      Max Count
Criteria====> _____      _____      _____      _____      _____      0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
-   ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITQ** and press **Enter**. This transaction will write the outbound X12 test data to queue file 005.

The following message will display:

```
BEGINNING PROCESSING      DATE: YY-MM-DD TSQNAME: XXXXXXXXX
```

When the transaction is complete, the following message will replace the original display:

```

RETURNED FROM EDIEOOG
RETURN CODE: 00
                                           STARTING TIME: HH:MM:SS   ENDING
TIME: HH:MM:SS   DIFFERENCE:  SSS.SSS IN SECONDS.

```



After the transaction completes, the Queue Directory screen (EDIM302) displays one document in queue file 005 to be processed.

```

Select
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description
_ 001  GENTRAN:CONTROL INSTALLATION TEST          # of Docs  Stat  Src  Act  Trans
_ 002  GENTRAN:CONTROL INSTALLATION TEST          0  E  O  B  OB
_ 003  GENTRAN:CONTROL INSTALLATION TEST          0  E  B  O  EDIR
_ 004  GENTRAN:CONTROL INSTALLATION TEST          0  E  B  B  IB
_ 005  GENTRAN:CONTROL INSTALLATION TEST          0  E  B  N
_ 006  GENTRAN:REALTIME INSTALLATION TEST         1  E  O  O  EDIR
_ 007  GENTRAN:REALTIME INSTALLATION TEST         0  E  O  N
_ 008  GENTRAN:REALTIME INSTALLATION TEST         0  E  O  O  EDIR
_ 091  OUTBOUND EDI DATABANK QUEUE FILE          0  D  O  N
_ 092  GENTRAN:REALTIME SCHEDULED REPORTS        0  E  O  B  RPT

Enter PF1=Help PF2=Data PF3=Exit PF4=SysOpts PF5=Maint PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 005 and initiates transaction **EDIR** to invoke the Outbound Gateway Application (EDIR101) to process it with Path Option 005.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 005          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                       QUEUE_FILE_005_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels
Range (Low/High).....: 0000 / 0001   Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000         Doc Groups per Run...: 0001
Time Based Interval...: 0000         Minutes (with Low Range)
Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____   Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIR101_
Path Option ID.....: 005          Active Path.....: E
Exception Pgm.....: EDIR852_      TSQ Store Sw....: C A=Auxiliary M=Main
                                       C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Ext PF6=Path Opt
      PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del PF14=Ddt1

```

After the outbound process completes, the translated data is written to queue file 008 and the Queue Directory screen (EDIM302) reflects the change.

```

Select
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description
_ 001  GENTRAN:CONTROL INSTALLATION TEST          # of Docs Stat Src Act Trans
_ 002  GENTRAN:CONTROL INSTALLATION TEST          0 E O B O EDIR
_ 003  GENTRAN:CONTROL INSTALLATION TEST          0 E B B IB
_ 004  GENTRAN:CONTROL INSTALLATION TEST          0 E B N
_ 005  GENTRAN:REALTIME INSTALLATION TEST         0 E O O EDIR
_ 006  GENTRAN:REALTIME INSTALLATION TEST         0 E O N
_ 007  GENTRAN:REALTIME INSTALLATION TEST         0 E O O EDIR
_ 008  GENTRAN:REALTIME INSTALLATION TEST         1 E O O EDIR
_ 091  OUTBOUND EDI DATABANK QUEUE FILE           0 D O N
_ 092  GENTRAN:REALTIME SCHEDULED REPORTS         0 E O B RPT

Enter PF1=Help PF2=Data PF3=Exit PF4=SysOpts PF5=Maint PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 008 and initiates transaction EDIR to invoke the Sample Online Application (EDIRSOA) to process it.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 008          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                         QUEUE_FILE_008_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
      Trigger Levels
Range (Low/High).....: 0000 / 0001   Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000         Doc Groups per Run...: 0001
Time Based Interval...: 0000         Minutes (with Low Range)
                                         EXT or SCH or Minutes

      Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____   Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIRSOA_
Path Option ID.....: _____   Active Path.....: _
Exception Pgm.....: _____    TSQ Store Sw.....: _ A=Auxiliary M=Main
                                         C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
      Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Ext PF6=Path Opt
      PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del PF14=Ddt1
    
```

A Path Option is not specified. Instead, this program reads the data from queue file 008 and discards it. It then writes the inbound X12 test data to queue file 007 and the Queue Directory screen (EDIM302) reflects the change.

```

Select
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                          12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
          Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST                1  E  O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST                0  E  O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS               0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 007 and initiates transaction EDIR to invoke the Inbound Gateway Application (EDIR103) to process it with Path Option 007.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                          12:00:00

Queue File Number.....: 007          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                          QUEUE_FILE_007_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
  Trigger Levels          Queue Priority.....: 5 (Value 1-9)
Range (Low/High).....: 0000 / 0001    Doc Groups per Run...: 0001
Maximum Delay Time....: 0000          Minutes (with Low Range)
Time Based Interval...: 0000          EXT or SCH or Minutes
  Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____    Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIR103_
Path Option ID.....: 007          Active Path.....: E
Exception Pgm.....: EDIR852_      TSQ Store Sw....: C A=Auxiliary M=Main
                                          C=TSQ Chaining

Error User Exit Program: _____  Error User Exit Data: _____
  Last Update Date: 00/00/00    Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del          PF14=Ddt1

```

After the inbound process completes, the translated data is written to queue file 006 and the Queue Directory screen (EDIM302) reflects the change.

```

Select
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
_ 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
_ 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
_ 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
_ 004  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  N
_ 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 006  GENTRAN:REALTIME INSTALLATION TEST               1  E  O  N
_ 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
_ 092  GENTRAN:REALTIME SCHEDULED REPORTS              0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 006. However, the Action to Initiate is defined as “None” so the data remains there.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 006          GENTRAN:REALTIME_INSTALLATION_TEST_____
                                       QUEUE_FILE_006_____

Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels          Queue Priority.....: 5 (Value 1-9)
Range (Low/High).....: 0000 / 0001    Doc Groups per Run...: 0001
Maximum Delay Time....: 0000          Minutes (with Low Range)
Time Based Interval...: 0000          EXT or SCH or Minutes
Initiation Actions
Action to Initiate....: N          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____    Stall Limit.....: 15
Online TransID.....: _____    Appl.Prog.....: _____
Path Option ID.....: _____    Active Path.....: _____
Exception Pgm.....: _____     TSQ Store Sw....: _ A=Auxiliary M=Main
                                       C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del          PF14=Ddt1
    
```

Press **PF2=Data** for queue file 006.

The system displays the Queue File Data Detail screen (EDIM307) with the actual data.

### Relationship Mode Example

```

EDIM307 _____ QUEUE FILE DATA DETAIL XXX 06/01/2011
                                                12:00:00

Queue File Number: 006 GENTRAN:REALTIME INSTALLATION TEST
Starting Segment : 000001 QUEUE FILE 006
Screen Increment : ____ Relative Screen Number: 00001

* 0THEIR-COPONUMBER-0010101051200000000005_000000007_000070001_PTP_____
  _____-end
* 1THEIR-COPONUMBER-001INV01__010103010105CONTRACT42JOHN_BILLING_____01010
  4_____-end
* 2THEIR-COPONUMBER-001-----
  _____-end
* 2THEIR-COPONUMBER-001_____TERMS ARE SPECIFIED BELOW_____
  _____-end
* 2THEIR-COPONUMBER-001__DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID__
  _____-end
* 2THEIR-COPONUMBER-001__IN FULL BY THE DISCOUNT DUE DATE._____
  _____-end
* 2THEIR-COPONUMBER-001-----
  _____-end
LAST RECORD IS CONTINUED ON NEXT PANEL
Enter PF1=Help PF3=Exit PF4=Options PF6=DDTL
      PF7=Bwd PF8=Fwd

```

### Mixed Mode Example

```

EDIM307 _____ QUEUE FILE DATA DETAIL XXX 06/01/2011
                                                12:00:00

Queue File Number: 006 GENTRAN:REALTIME INSTALLATION TEST
Starting Segment : 000001 QUEUE FILE 006
Screen Increment : ____ Relative Screen Number: 00001

* 0VENDOR-1PONUMBER-0010101051200000000005_000000007_000070001_PTP_____
  _____-end
* 1VENDOR-1PONUMBER-001INV01__010103010105CONTRACT42JOHN_BILLING_____01010
  4_____-end
* 2VENDOR-1PONUMBER-001-----
  _____-end
* 2VENDOR-1PONUMBER-001_____TERMS ARE SPECIFIED BELOW_____
  _____-end
* 2VENDOR-1PONUMBER-001__DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID__
  _____-end
* 2VENDOR-1PONUMBER-001__IN FULL BY THE DISCOUNT DUE DATE._____
  _____-end
* 2VENDOR-1PONUMBER-001-----
  _____-end
LAST RECORD IS CONTINUED ON NEXT PANEL
Enter PF1=Help PF3=Exit PF4=Options

```

Verifying the presence of the data in queue file 006 completes this test and confirms that Sterling Gentrans:Realtime queue file processing is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Test Sterling Gentran:Control Queue Files

**Step 19** Test Sterling Gentran:Control Queue file processing.

*Typically performed by:* System Installer

This test requires three executions of the Online Scanner Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds, so the test will take 4 – 6 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

You can monitor the execution of the Online Scanner/Initiator on the Online Log Display screen (EDIM304). The system displays time the program was started, the last time it executed, and the scan interval.

```

Reports Exception Activity Select
EDIM304 8.2 _____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters====>  Errors Only:  _  Program: _____
Position      Task #      TranID      Time      Date      Max Count
Criteria====>                _____                _____                _____                0450

A   Task  Tran    Time    Date    Term  Program  Error Code
-   00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
      ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

- Customize the JCL library member **EXECINIT** to meet your installation requirements and submit. This job executes **EDIRQWR** to write the outbound X12 test data to queue file 002.
- Verify the job results. You should not receive a return code greater than **0**.

Compare your reports with the following samples:

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE       VERSION: 6.6
REPORT ID  : EDIRQWR-EDISUM     SUMMARY REPORT
```

OPTIONS USED THIS RUN

```
-----
REQUESTED-OPERATION              = WRITE
-----
OUTPUT QUEUE-FILE-DDNAME        = EDIQ0002
INPUT FILE NAME                  = EDIIN
INPUT FILE TYPE                  = V
INPUT FILE LRECL                 = 2044
QUEUE-FILE-NUMBER               = 002
```

```
TOTAL RECORDS READ FROM EDIIN   :      68
TOTAL RECORDS WRITTEN TO 002    :      68
```

PROCESSING SUMMARY

```
-----
TOTAL # OF RECS WRITTEN TO QUEUES :      68
```

```
NUMBER OF ERRORS THIS RUN       :      0
HIGHEST RETURN CODE THIS RUN    :      0
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE       VERSION: 6.6
REPORT ID  : EDIRQWR-EDILOG     PROCESSING LOG          COMPILE DATE: 06/01/11
```

MESSAGES

```
-----
EDI-010116-I 00 CENTRAL BATCH QUEUE FILE WRITE BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010117-I 00 CENTRAL BATCH QUEUE FILE WRITE ENDS . . . . DATE: 06/01/2011, TIME: 12:00:00
```

After the transaction completes, the Queue Directory screen (EDIM302) shows one document in queue file 002 to be processed.

```

SELECT
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                                12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
         Docs Stat Src Act  Trans
_ 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
_ 002  GENTRAN:CONTROL INSTALLATION TEST                1  E  B  O  EDIR
_ 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
_ 004  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  N
_ 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
_ 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
_ 092  GENTRAN:REALTIME SCHEDULED REPORTS              0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 002 and initiates transaction EDIR to invoke the Sample Online Application (EDIESOA) to process it.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 002          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                       QUEUE_FILE_002_____

Status.....: E          E=Enabled D=Disabled
Source.....: B          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels
Range (Low/High).....: 0000 / 0001  Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000        Doc Groups per Run...: 0001
Time Based Interval...: 0000        Minutes (with Low Range)
                                       EXT or SCH or Minutes

Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____  Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIESOA_
Path Option ID.....: _____  Active Path.....: _____
Exception Pgm.....: EDIR852_      TSQ Store Sw.....: _ A=Auxiliary M=Main
                                       C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir  PF5=Ext  PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del  PF14=Ddt1
    
```



This program reads the data from queue file 002 and writes it to queue file 001. After the process completes, the Queue Directory screen (EDIM302) reflects the added data.

```

SELECT
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                      12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
         Docs Stat Src Act Trans
- 001  GENTRAN:CONTROL INSTALLATION TEST                1  E  O  B  OB
- 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
- 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
- 004  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  N
- 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
- 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
- 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
- 092  GENTRAN:REALTIME SCHEDULED REPORTS               0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 001 and initiates batch job OB to process it.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                      12:00:00

Queue File Number.....: 001          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                      QUEUE_FILE_001_____
Status.....: E          E=Enabled D=Disabled
Source.....: O          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
Trigger Levels          Queue Priority.....: 1 (Value 1-9)
Range (Low/High).....: 0000 / 0001    Doc Groups per Run...: 0001
Maximum Delay Time....: 0000          Minutes (with Low Range)
Time Based Interval...: 0000          EXT or SCH or Minutes

Initiation Actions
Action to Initiate....: B          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: OB_          Stall Limit.....: 15
Online TransID.....: _____    Appl.Prog.....: _____
Path Option ID.....: _____    Active Path.....: _____
Exception Pgm.....: _____      TSQ Store Sw....: _ A=Auxiliary M=Main
                                      C=TSQ Chaining

Error User Exit Program: _____  Error User Exit Data: _____
Last Update Date: 00/00/00          Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del          PF14=Ddt1

```

This job uses the **EXECOB** JCL that was customized during the installation procedure. It executes **EDIRQRD** to read the data from queue file 001 and **EDIRQWR** to write it to queue file 003.

- Verify the job results. You should not receive a return code greater than 0.

Compare your reports with the following samples.

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00          BATCH QUEUE READ       VERSION: 6.6
REPORT ID  : EDIRQRD-EDISUM    SUMMARY REPORT

```

OPTIONS USED THIS RUN

```

-----
REQUESTED-OPERATION           = READ

```

---

```

INPUT DDNAME                   = EDIQI001
OUTPUT DDNAME                  = EDIOUT
OUTPUT FILE TYPE               = V
OUTPUT FILE LRECL              = 2040
QUEUE FILE NUMBER              = 001

```

```

RECORDS READ FROM Q FILE: 001.....:      68
RECORDS WRITTEN TO FILE: EDIOUT...:      68

```

PROCESSING SUMMARY

```

-----
NUMBER OF RECORDS READ FROM QUEUES :      68
NUMBER OF ERRORS THIS RUN          :          0
HIGHEST RETURN CODE THIS RUN      :          0

```

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00          BATCH QUEUE READ       VERSION: 6.6
REPORT ID  : EDIRQRD-EDILOG    PROCESSING LOG         COMPILE DATE: 06/01/11

```

MESSAGES

```

-----
EDI-010104-I 00 CENTRAL BATCH QUEUE FILE READ BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010105-I 00 CENTRAL BATCH QUEUE FILE READ ENDS . . . DATE: 06/01/2011, TIME: 12:00:00

```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDISUM     SUMMARY REPORT
```

## OPTIONS USED THIS RUN

```
-----
REQUESTED-OPERATION              = WRITE
-----
OUTPUT QUEUE-FILE-DDNAME         = EDIQ003
INPUT FILE NAME                  = EDIIN
INPUT FILE TYPE                  = V
INPUT FILE LRECL                 = 2044
QUEUE-FILE-NUMBER               = 003
```

```
TOTAL RECORDS READ FROM EDIIN    :      68
TOTAL RECORDS WRITTEN TO 003     :      68
PROCESSING SUMMARY
```

```
-----
TOTAL # OF RECS WRITTEN TO QUEUES :      68
```

```
NUMBER OF ERRORS THIS RUN        :      0
HIGHEST RETURN CODE THIS RUN     :      0
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDILOG     PROCESSING LOG           COMPILE DATE: 06/01/11
```

## MESSAGES

```
-----
EDI-010116-I 00 CENTRAL BATCH QUEUE FILE WRITE BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010117-I 00 CENTRAL BATCH QUEUE FILE WRITE ENDS . . . . DATE: 06/01/2011, TIME: 12:00:00
```

After the job completes, the Queue Directory screen (EDIM302) reflects the data in queue file 003.

```

Select
EDIM302 8.1.4 _____ QUEUE DIRECTORY                XXX 06/01/2011
                                                    12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
          Description                                     Docs Stat Src Act Trans
_ 001  GENTRAN:CONTROL INSTALLATION TEST                 0  E  O  B  OB
_ 002  GENTRAN:CONTROL INSTALLATION TEST                 0  E  B  O  EDIR
_ 003  GENTRAN:CONTROL INSTALLATION TEST                 1  E  B  B  IB
_ 004  GENTRAN:CONTROL INSTALLATION TEST                 0  E  B  N
_ 005  GENTRAN:REALTIME INSTALLATION TEST                0  E  O  O  EDIR
_ 006  GENTRAN:REALTIME INSTALLATION TEST                0  E  O  N
_ 007  GENTRAN:REALTIME INSTALLATION TEST                0  E  O  O  EDIR
_ 008  GENTRAN:REALTIME INSTALLATION TEST                0  E  O  O  EDIR
_ 091  OUTBOUND EDI DATABANK QUEUE FILE                  0  D  O  N
_ 092  GENTRAN:REALTIME SCHEDULED REPORTS                0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd
    
```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 003 and initiates batch job IB to process it.

```

EDIM303 8.1.5 _____ QUEUE OPTIONS                XXX 06/01/2011
                                                    12:00:00

Queue File Number.....: 003          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                       QUEUE_FILE_003_____

Status.....: E                       E=Enabled D=Disabled
Source.....: B                       O=Online write B=Batch write
Trace.....: D                       E=Enabled D=Disabled
Trigger Levels
Range (Low/High).....: 0000 / 0001   Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time...: 0000          Doc Groups per Run...: 0001
Time Based Interval...: 0000         Minutes (with Low Range)
                                       EXT or SCH or Minutes

Initiation Actions
Action to Initiate....: B            B=Batch Job O=Online Trans N=None
Batch JCL Name.....: IB_           Stall Limit.....: 15
Online TransID.....: _____   Appl.Prog.....: _____
Path Option ID.....: _____   Active Path.....: _____
Exception Pgm.....: _____     TSQ Store Sw.....: _ A=Auxiliary M=Main
                                       C=TSQ Chaining

Error User Exit Program: _____ Error User Exit Data: _____
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir      PF5=Ext      PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del PF14=Ddt1
    
```

This job uses the **EXECIB** JCL that was customized during the installation procedure. It executes **EDIRQRD** to read the data from queue file 003 and **EDIRQWR** to write it to queue file 004.

- Verify the job results. You should not receive a return code greater than 0.

Compare your reports with the following samples.

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDISUM     SUMMARY REPORT

```

OPTIONS USED THIS RUN  
-----

```

REQUESTED-OPERATION             = READ
-----
INPUT DDNAME                     = EDIQI003
OUTPUT DDNAME                    = EDIOUT
OUTPUT FILE TYPE                 = V
OUTPUT FILE LRECL                = 2040
QUEUE FILE NUMBER                = 003

```

```

RECORDS READ FROM Q FILE: 003.....:      68
RECORDS WRITTEN TO FILE: EDIOUT....:      68

```

PROCESSING SUMMARY  
-----

```

NUMBER OF RECORDS READ FROM QUEUES :      68
NUMBER OF ERRORS THIS RUN          :          0
HIGHEST RETURN CODE THIS RUN      :          0

```

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDILOG     PROCESSING LOG          COMPILE DATE: 06/01/11

```

MESSAGES  
-----

```

EDI-010104-I 00 CENTRAL BATCH QUEUE FILE READ BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010105-I 00 CENTRAL BATCH QUEUE FILE READ ENDS . . . DATE: 06/01/2011, TIME: 12:00:00

```

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDISUM     SUMMARY REPORT
    
```

OPTIONS USED THIS RUN

```

-----
REQUESTED-OPERATION              = WRITE
-----
OUTPUT QUEUE-FILE-DDNAME        = EDIQ0004
INPUT FILE NAME                  = EDIIN
INPUT FILE TYPE                  = V
INPUT FILE LRECL                 = 2044
QUEUE-FILE-NUMBER               = 004
    
```

```

TOTAL RECORDS READ FROM EDIIN   :      68
TOTAL RECORDS WRITTEN TO 004    :      68
    
```

PROCESSING SUMMARY

```

-----
TOTAL # OF RECS WRITTEN TO QUEUES :      68
    
```

```

NUMBER OF ERRORS THIS RUN       :      0
HIGHEST RETURN CODE THIS RUN    :      0
    
```

```

REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE WRITE        VERSION: 6.6
REPORT ID  : EDIRQWR-EDILOG     PROCESSING LOG           COMPILE DATE: 06/01/11
    
```

MESSAGES

```

-----
EDI-010116-I 00 CENTRAL BATCH QUEUE FILE WRITE BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010117-I 00 CENTRAL BATCH QUEUE FILE WRITE ENDS . . . DATE: 06/01/2011, TIME: 12:00:00
    
```

After the job completes, the Queue Directory screen (EDIM302) reflects the data in queue file 004.

```

SELECT
EDIM302 8.1.4_____          QUEUE DIRECTORY          XXX 06/01/2011
                                          12:00:00

Starting Queue File Number:  ____

A Queue  Description                                     # of      Init  JCL/
         Docs Stat Src Act Trans
_ 001  GENTRAN:CONTROL INSTALLATION TEST                0  E  O  B  OB
_ 002  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  O  EDIR
_ 003  GENTRAN:CONTROL INSTALLATION TEST                0  E  B  B  IB
_ 004  GENTRAN:CONTROL INSTALLATION TEST                1  E  B  N
_ 005  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 006  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  N
_ 007  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 008  GENTRAN:REALTIME INSTALLATION TEST               0  E  O  O  EDIR
_ 091  OUTBOUND EDI DATABANK QUEUE FILE                 0  D  O  N
_ 092  GENTRAN:REALTIME SCHEDULED REPORTS               0  E  O  B  RPT

Enter PF1=Help PF2=Data  PF3=Exit PF4=SysOpts  PF5=Maint  PF6=Ddt1
      PF7=Bwd  PF8=Fwd

```

At the next scan interval, the Online Scanner/Initiator detects the presence of data in queue file 004. However, the Action To Initiate is defined as “None” so the data remains there.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                          12:00:00

Queue File Number.....: 004          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                          QUEUE_FILE_004_____

Status.....: E          E=Enabled D=Disabled
Source.....: B          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
      Trigger Levels
Range (Low/High).....: 0000 / 0001    Queue Priority.....: 1 (Value 1-9)
Maximum Delay Time....: 0000          Doc Groups per Run...: 0001
Time Based Interval...: 0000          Minutes (with Low Range)
                                          EXT or SCH or Minutes

Initiation Actions
Action to Initiate....: N          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____    Stall Limit.....: 15
Online TransID.....: _____    Appl.Prog.....: _____
Path Option ID.....: _____    Active Path.....: _____
Exception Pgm.....: _____      TSQ Store Sw.....: _ A=Auxiliary M=Main
                                          C=TSQ Chaining

Error User Exit Program: _____    Error User Exit Data: _____
Last Update Date: 00/00/00    Time: 00:00:00    User: SCI

Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del    PF14=Ddt1

```

Press **PF2=Data** for queue file 004.

The system displays the Queue File Data Detail screen (EDIM307) with the actual data.

```

EDIM307 _____ QUEUE FILE DATA DETAIL XXX 06/01/2011
                                           12:00:00

Queue File Number: 004   GENTRAN:CONTROL INSTALLATION TEST
Starting Segment : 000001 QUEUE FILE 004
Screen Increment : ____ Relative Screen Number: 00001

* VENDOR-1PONUMBER-001001010201IBM_____4600_LAKEHURST_COURT__
_COLUMBUS_____OH43017XYZ_COMPUTER_COMPANY_____1212_E._MAIN_ST.
_____CINCINATTI_____OH43015614-793-7000513-666-666601059507609
_____00000100-end_____
* VENDOR-1PONUMBER-001002#####
#####
_____00000101-end_____
* VENDOR-1PONUMBER-001002####_PURCHASE_ORDER_INSTRUCTIONS_____
#####
_____00000110-end_____
* VENDOR-1PONUMBER-001002####
LAST RECORD IS CONTINUED ON NEXT PANEL
Enter PF1=Help          PF3=Exit PF4=Options          PF6=DDTL
      PF7=Bwd   PF8=Fwd
    
```

Verifying the presence of the data in queue file 004 completes this test and confirms that Sterling Gentrans:Control queue file processing is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



## Schedule Option Processing

Perform the installation verification steps in this section to ensure that Schedule Option processing is installed properly.

### Initiate Online Processing

**Step 20** Test the Sterling Gentran:Realtime schedule option to initiate online processing.

*Typically performed by:* System Installer

This test requires two executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds, so the test will take 2 – 4 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

You can monitor the execution of the Online Scanner/Initiator on the Online Log Display screen (EDIM304). The system displays the time it was started, the last time it executed, and the scan interval.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters===> Errors Only: _   Program: _____
  Position      Task #      TranID      Time      Date      Max Count
Criteria===>   _____   _____   _____   _____   _____   0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
-   ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

Enable Schedule Option 400:

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **400** in the Schedule Number field and press **Enter** to retrieve the information.
- Enable it by typing an **E** in the Schedule Status field and pressing **PF10=Updt**.

The system displays the updated Schedule Options screen.

```

EDIM821 8.1.7_____          SCHEDULE OPTIONS          XXX 06/01/2011
                                          12:00:00

Schedule Number.....: 400      OUTBOUND_INSTALLATION_SCHEDULE_TEST_____
                               (OUTBOUND_IVP_TEST)_____

Schedule Status.....: E        E = Enabled      D = Disabled
Schedule Trace.....: E        E = Enabled      D = Disabled

Interval Time.....: 0002      Minutes      or EXT = Extended

Interval Action
Action to Initiate....: O      B = Batch Job   O = Online Trans   N = None
Batch JCL Name.....: _____
Online TransID.....: EDIT
Online Program.....: _____
Path Option ID.....: 400

                                          Last Update Date: 00/00/00
Error User Exit Program.: _____          Time: 00:00:00
Error User Exit Data....: _____          User: SCI
SCHEDULE RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del

```

At the next scan interval, the Online Scanner/Initiator detects that Schedule Option 400 is enabled, and begins evaluating it.

At the next scan interval, since the Scan Interval for the Online Scanner/Initiator is the same as the Interval Time for Schedule Option 400, the Online Scanner/Initiator initiates transaction EDIT to process with Path Option 400. This transaction invokes the Sample Online Application (EDIRSOA) to process the outbound X12 test data and process it with the Outbound Mapper and Editor. Because Schedule Trace is enabled, the Online Log Display screen (EDIM304) will contain messages generated during the test.

The following is a sample of the initial messages the system displays.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY XXX 06/01/2011
12:00:00
Start: 06/01/2011 12:00:00 Stop: Last: 12:00:00 Scan: 0120
Filters===> Errors Only: _ Program: _____
Position Task # TranID Time Date Max Count
Criteria===> _____ 0450

A Task Tran Time Date Term Program Error Code
- 00001 EDII 12:00:00 06/01/2011 EDIEOSI EDI-00007-T 00
STARTING TRANSACTION EDIT 400 I
- 00002 EDIT 12:00:00 06/01/2011 EDIRPGM EDI-00000-I 00
SCHEDULE TEST LINKING TO GATEWAY 101
- 00002 EDIT 12:00:00 06/01/2011 EDIR313 EDI-00007-T 00
EDIR313 PROCESSING - OPTION: 400 PATH: 400
- 00002 EDIT 12:00:00 06/01/2011 EDIR313 EDI-00007-T 00
EDIR042 - OUTBOUND MAPPER..... STARTED
- 00002 EDIT 12:00:00 06/01/2011 EDIR042 EDI-00007-T 00
EDIR042 PROCESSING
- 00002 EDIT 12:00:00 06/01/2011 EDIR043 EDI-00007-T 00
PROGRAM EDIR043 COMPILED ON 06/01/11 AT 12.00.00 VERSION

Enter PF1=Help PF3=Exit PF5=Action
PF7=Bwd PF8=Fwd
    
```

- Type **8.3** in the Jump Code field of any Sterling Gentran CICS screen to display the Report Selection screen (EDIM310) to view the reports generated by the test.

```

Select Print Log Exception Activity
EDIM310 8.3_____ REPORT SELECTION XXX 06/01/2011
12:00:00

Path ID.....: ____ Process....: _____
Line Incrmt...: ____ Cond Code...: _ (Y)
From Date.....: _____ To Date.....: _____ (MM/DD/YYYY)
From Time.....: _____ To Time.....: _____ (HH:MM:SS)
Task #.....: _____ Max Srch...: 0450
Print Job Name: _____

Generation Path Process Con Task Control
Date Time ID Name St Cd # Description Address
A 06/01/2011 12:00:00 400 EDI42E W 04 2 POFILE (SCH400) 1
- 06/01/2011 12:00:00 400 EDI42S W 04 2 POFILE (SCH400) 2
- 06/01/2011 12:00:00 400 EDI02S 00 2 POFILE (SCH400) 3
- 06/01/2011 12:00:00 400 EDI02E 00 2 POFILE (SCH400) 4
-
-
-
-
-
-
-
-
Enter PF1=Help PF3=Exit PF5=Action
PF7=Bwd PF8=Fwd
    
```

- Type an **s** in the A (Action Code) field to the left of each report (EDI42E, EDI42S, EDI02S and EDI02E) and press **PF5=Action** to display the Sterling Gentran:Realtime EDI Report Display screen (EDIM311).

The following illustrations are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- ☐ After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

**Relationship Mode Example**

```

EDIR042      RUN 06/01/2011      TIME 12:00      ERRORS ENCOUNTERED MAPPING OUTGOING DATA      PAGE      1
ERROR **RECORD**      FIELD SEG ELE
NUMBR  NBR ID      SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
***** APPLICATION DEFINITION - POFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030PO - LOADED *****
RECEIVER: YOUR COMPANY /VENDOR-1      APPL REF: PONUMBER-001      DOCUMENT #: 1
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: YOUR COMPANY  VENDOR-1      /POFILE      /PONUMBER-001
RECEIVER: YOUR COMPANY /VENDOR-2      APPL REF: PONUMBER-002      DOCUMENT #: 2
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: YOUR COMPANY  VENDOR-2      /POFILE      /PONUMBER-002
RECEIVER: YOUR COMPANY /VENDOR-3      APPL REF: PONUMBER-003      DOCUMENT #: 3
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: YOUR COMPANY  VENDOR-3      /POFILE      /PONUMBER-003
RECEIVER: YOUR COMPANY /VENDOR-4      APPL REF: PONUMBER-004      DOCUMENT #: 4
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: YOUR COMPANY  VENDOR-4      /POFILE      /PONUMBER-004
PROCESSING ENDED WITH ERRORS - PROCESSING COUNTS BELOW
      APPLICATION RECORDS READ -----      68
      APPLICATION RECORDS SUSPENDED -      0
      TOTAL RECORDS WRITTEN -----      136
      RETURN CODE FOR MAPPING -----      4
    
```

**Mixed Mode Example**

```

EDIR042      RUN 06/01/2011      TIME 12:00      ERRORS ENCOUNTERED MAPPING OUTGOING DATA      PAGE      1
ERROR **RECORD**      FIELD SEG ELE
NUMBR  NBR ID      SEQ # ID  SEQ INFORMATION  ERROR MESSAGE
***** APPLICATION DEFINITION - POFILE - LOADED *****
***** TRANSACTION DEFINITION - ANSI4030PO - LOADED *****
RECEIVER: VENDOR-1      QUAL:      APPL REF: PONUMBER-001      DOCUMENT #: 1
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: ISA-PARTNER  VENDOR-1      /POFILE      /PONUMBER-001
RECEIVER: VENDOR-2      QUAL:      APPL REF: PONUMBER-002      DOCUMENT #: 2
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: ISA-PARTNER  VENDOR-2      /POFILE      /PONUMBER-002
RECEIVER: VENDOR-3      QUAL:      APPL REF: PONUMBER-003      DOCUMENT #: 3
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: ISA-PARTNER  VENDOR-3      /POFILE      /PONUMBER-003
RECEIVER: VENDOR-4      QUAL:      APPL REF: PONUMBER-004      DOCUMENT #: 4
689      80      DUBPLICATE DOCUMENT ADDED TO DATA BANK.
      DATABANK KEY: ISA-PARTNER  VENDOR-4      /POFILE      /PONUMBER-004
PROCESSING ENDED WITH ERRORS - PROCESSING COUNTS BELOW
      APPLICATION RECORDS READ -----      68
      APPLICATION RECORDS SUSPENDED -      0
      TOTAL RECORDS WRITTEN -----      136
      RETURN CODE FOR MAPPING -----      4
    
```

```

EDIR042  RUN 06/01/2011  TIME 12:00  PROCESSING OPTIONS FOR MAPPING OUTGOING DATA  PAGE 1
PROGRAM EDIR042  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDID152  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIR043  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIR045  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
PROGRAM EDIR056  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
APPLICATION TO PROCESS-----POFILE
USER EXIT VERSION SUPPORTED-----1
APPLICATION DECIMAL INDICATOR IS-----.
DATABANK PROCESSING CONFIGURATION-----DIRECTORY AND MESSAGE STORE
DATABANK PROCESSING LEVEL-----DIRECTORY AND MESSAGE STORE
DATABANK RUN NUMBER-----00000009
PARTNER PROFILE MODE-----RELATIONSHIP MODE
PARTNER PROCESSING SEQUENCE-----SEARCH PARTNER FILE
DIRECTORY POSTING OPTION-----POST USER/PARTNER
DEFAULT USER ID-----YOUR COMPANY
USE MULTIPLE ENVELOPE ID -----N
USE INTERCHANGE PARTNER WITH VERSION----N
USE GROUP PARTNER WITH VERSION-----N
USE TRANSACTION PARTNER WITH VERSION----N
ENVELOPE GENERATION OPTION-----MAPPER GENERATES ENVELOPES
EDIR042  RUN 06/01/2011  TIME 12:00  PROCESSING OPTIONS FOR ENVELOPE GENERATION  PAGE 1
NO ENVELOPE PARAMETERS SPECIFIED -----
GENTRAN:REALTIME PARAMETERS-----ENABLED
REALTIME PROCESSING OPTION-----400
REALTIME PROCESSING PATH-----400
REALTIME PRINT REPORT SWITCH-----NO
EDIR042  RUN 06/01/2011  TIME 12:00  SUMMARY CONTROL COUNTS MAPPING OUTGOING DATA  PAGE 1
PROCESSING BEGAN ON 06/01/2011 AT 12:00 AM.
SEQUENTIAL INPUT DOCUMENTS READ ----- 4
SEQUENTIAL INPUT RECORDS READ ----- 68
SEQUENTIAL INPUT CHARACTERS READ ----- 17,000
DOCUMENTS STORED ON DATA BANK ----- 4
RECORDS STORED ON DATA BANK ----- 68
DOCUMENTS REPROCESSED ----- 0
RECORDS REPROCESSED ----- 0
CHARACTERS REPROCESSED ----- 0
DOCUMENTS SUSPENDED ----- 0
RECORDS SUSPENDED ----- 0
CHARACTERS SUSPENDED ----- 0
EDI DOCUMENTS GENERATED ----- 4
EDI PACKAGES GENERATED ----- 0
TOTAL RECORDS WRITTEN ----- 136
NUMBER OF APPLICATIONS PROCESSED ----- 1
NUMBER OF MAP DEFINITIONS PROCESSED --- 1
NUMBER OF TRADING PARTNERS PROCESSED -- 4
PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
**** END OF SUMMARY REPORT ***
    
```

**Note:** If you are processing in Mixed mode, this report will show the following values in the fields indicated:

Field	Value for Mixed Mode Processing
Partner Profile Mode	Mixed Mode
Directory Posting Option	Post Sender/Receiver
Default User ID	ISA-PARTNER

```

EDIR002 RUN 06/01/2011 TIME 12:00 RUNTIME GLOBAL PARAMETER OVERRIDES PAGE 1
EDIR002 RUN 06/01/2011 TIME 12:00 SYSTEM CONFIGURATION OPTIONS PAGE 2
INTCHG VERSION = N
GROUP VERSION = N
TRANSACTION VERSION = N
TRADING PROFILE MODE RELATIONSHIP
MULTIPLE ENVELOPE DISABLED
EDIR002 RUN 06/01/2011 TIME 12:00 GLOBAL PARAMETER LIST PAGE 3
VERIFY PARTNER INTERCHANGE OFF
VERIFY PARTNER GROUP OFF
VERIFY PARTNER TRANSACTION OFF
ERROR REPORT ALWAYS
ICS TABLES OFF
CODE CHECK ON
PARTNER DATABANK OFF
COMPRESS TRANSMISSION
OUTPUT FILE LENGTH 080
GS SENDER/RECEIVER QUALIFIER INTERCHANGE
OUTBOUND EDI INTERCHANGE FULL
OUTBOUND EDI GROUP DIRECTORY
OUTBOUND EDI TRANSACTION DIRECTORY
EDIR002 RUN 06/01/2011 TIME 12:00 SUMMARY CONTROL COUNTS PROCESSING OUTGOING DATA PAGE 4
PROGRAM EDIR002 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6
PROGRAM EDID252 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6

PROCESSING BEGAN ON 06/01/2011 AT 12:00 PM.
OVERALL INPUTS AND OUTPUTS SUMMARY
INTERCHANGES READ ----- 4
GROUPS READ ----- 4
TRANSACTIONS READ ----- 4
SEGMENTS READ ----- 124
RECORDS READ ----- 136
CHARACTERS READ ----- 4,037
INTERCHANGES WRITTEN ----- 4
INTERCHANGES REJECTED ----- 0
INTERCHANGES SUSPENDED ----- 0
GROUPS WRITTEN ----- 4
GROUPS REJECTED ----- 0
GROUPS SUSPENDED ----- 0
TRANSACTIONS WRITTEN ----- 4
TRANSACTIONS REJECTED ----- 0
TRANSACTIONS SUSPENDED ----- 0
SEGMENTS WRITTEN ----- 124
CHARACTERS WRITTEN (WRAPPED OUTPUT) ----- 3,808
MISCELLANEOUS OUTPUT SUMMARY
TOTAL PASS-THRU WRITTEN----- 0
DIRECTION PASS-THRU WRITTEN----- 0
ERROR REJECTION PASS-THRU WRITTEN----- 0
TOTAL RECORDS WRITTEN----- 50
TOTAL PACKAGES WRITTEN----- 0
EDITOR PATH USED ----- 999
REALTIME PROCESSING OPTION----- 400
REALTIME PROCESSING PATH----- 400
REALTIME PRINT REPORT SWITCH----- NO

DATABANK OUTPUT SUMMARY
INTERCHANGES STORED ON DATA BANK ----- 4
REJECTED INTERCHANGES ON DATA BANK ----- 0
GROUPS STORED ON DATA BANK ----- 4
REJECTED GROUPS ON DATA BANK ----- 0
TRANSACTIONS STORED ON DATA BANK ----- 4
REJECTED TRANSACTIONS ON DATA BANK ----- 0
SEGMENTS STORED ON DATA BANK ----- 124
CHARACTERS STORED ON DATA BANK ----- 4,000
RECORDS STORED ON DATA BANK ----- 50

PROCESSING ENDED ON 06/01/2011 AT 12:00 PM.
***** END OF JOB*****
    
```

**Note:** If you are processing in Mixed mode, the value in the Trading Profile Mode field for this report will be **Mixed**.

```
EDIR002    RUN 06/01/2011    TIME 12:00    ERRORS ENCOUNTERED PROCESSING OUTGOING DATA    PAGE    1
ERROR RECORD SEG ELT/COMP
NUMBER NUMBER ID  NBR    INFORMATION          ERROR MESSAGE

*** DATABANK *****    RUN #    = 00000010

NO ERRORS OCCURRED DURING PROCESSING
PROCESSING ENDED NORMALLY

* * *    END OF REPORT    * * *
```

Verifying the reports completes this test and confirms that the scheduling of online transactions is functioning correctly.

The Online Scanner/Initiator continues to initiate Schedule Option 400 until it is disabled:

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **400** in the Schedule Number field and press **Enter** to retrieve the information.
- Disable it by typing a **D** in the Schedule Status field and pressing **PF10=Updt**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Initiate Batch Processing

**Step 21** Test the Sterling Gentran:Realtime schedule option to initiate batch processing.

*Typically performed by:* System Installer

This test requires two executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds, so the test will take 2 – 4 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

You can monitor the execution of the Online Scanner/Initiator on the Online Log Display screen (EDIM304). The system displays the time the program was started, the last time it executed, and the scan interval.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters====> Errors Only:  _  Program: _____
  Position   Task #   TranID   Time           Date           Max Count
Criteria====> _____   _____   _____   _____   _____   0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII  12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
-   ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

Enable Schedule Option 401:

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **401** in the Schedule Number field and press **Enter** to retrieve the information.
- Enable it by typing an **E** in the Schedule Status field and pressing **PF10=Updt**.



The system displays the updated Schedule Options screen.

```

EDIM821 8.1.7_____ SCHEDULE OPTIONS XXX 06/01/2011
                                           12:00:00

Schedule Number.....: 401  BATCH_SUBMISSION_INSTALLATION_TEST_____
                           (IVP_TEST)_____

Schedule Status.....: E      E = Enabled      D = Disabled
Schedule Trace.....: E      E = Enabled      D = Disabled

Interval Time.....: 0002      Minutes      or  EXT = Extended

Interval Action
Action to Initiate....: B      B = Batch Job  O = Online Trans  N = None
Batch JCL Name.....: SB_
Online TransID.....: _____
Online Program.....: _____
Path Option ID.....: _____

                                           Last Update Date: 00/00/00
Error User Exit Program.: _____ Time: 00:00:00
Error User Exit Data....: _____ User: SCI
SCHEDULE RECORD UPDATED
Enter PF1=Help          PF3=Exit PF4=Dir          PF5=Ext          PF6=Path Opt
          PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del

```

At the next scan interval, the Online Scanner/Initiator detects that Schedule Option 401 is enabled and begins evaluating it.

At the next scan interval, since the Scan Interval for the Online Scanner/Initiator is the same as the Interval Time for Schedule Option 401, the Online Scanner/Initiator initiates batch job SB. Because Schedule Trace is enabled, the Online Log Display screen (EDIM304) will contain messages generated during the test.

```

EDIM304 8.2_____ ONLINE LOG DISPLAY XXX 06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop: Last: 12:00:00 Scan: 0120
Filters====> Errors Only: _ Program: _____
Position      Task #      TranID      Time      Date      Max Count
Criteria====> _____      _____      _____      _____      0450

A  Task  Tran   Time      Date      Term  Program  Error Code
-  00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-00007-T 00
-  STARTING TRANSACTION EDIB 401          I
-  00002  EDIB   12:00:00  06/01/2011  EDIEOBI  EDI-10401-T 00
-  ONLINE BATCH INITIATOR BEGINS . . . , DATE: 06/01/2011, TIME: 12:00:00
-  00002  EDIB   12:00:00  06/01/2011  EDIEOBI  EDI-10402-T 00
-  ONLINE BATCH INITIATOR ENDS . . . . , DATE: 06/01/2011, TIME: 12:00:00
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
          PF7=Bwd  PF8=Fwd

```

This job uses the **EXECSB** JCL that was customized during the installation procedure. It executes **EDIRQRD** to read the data from queue files 004 and 006 that was written there during the Queue file tests that were performed earlier.

- ☐ Verify the job results. You should not receive a return code greater than **0**.

Compare your reports with the following samples.

```

PAGE : 00001
VERSION: 6.6

GENTRAN:CONTROL
BATCH QUEUE READ
SUMMARY REPORT

REPORT DATE: 06/01/2011
REPORT TIME: 12:00:00
REPORT ID : EDIRQRD-EDISUM

OPTIONS USED THIS RUN
-----
REQUESTED-OPERATION = READ
INPUT DDNAME = EDIQI001
OUTPUT DDNAME = EDIOUT
OUTPUT FILE TYPE = V
OUTPUT FILE LRECL = 2040
QUEUE FILE NUMBER = 004

INPUT DDNAME = EDIQI002
OUTPUT DDNAME = EDIOUT
OUTPUT FILE TYPE = V
OUTPUT FILE LRECL = 2040
QUEUE FILE NUMBER = 006

RECORDS READ FROM Q FILE: 004.....: 68
RECORDS READ FROM Q FILE: 006.....: 114
RECORDS WRITTEN TO FILE: EDIOUT....: 182

PROCESSING SUMMARY
-----
NUMBER OF RECORDS READ FROM QUEUES : 182
NUMBER OF ERRORS THIS RUN : 0
HIGHEST RETURN CODE THIS RUN : 0
    
```

```
REPORT DATE: 06/01/2011          GENTRAN:CONTROL          PAGE   : 00001
REPORT TIME: 12:00:00           BATCH QUEUE READ        VERSION: 6.6
REPORT ID  : EDIRQRD-EDILOG     PROCESSING LOG          COMPILE DATE: 06/01/11
```

## MESSAGES

-----

```
EDI-010104-I 00 CENTRAL BATCH QUEUE FILE READ BEGINS . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-009021-I 00 CHECK-POINT NOW INACTIVE . . . DATE: 06/01/2011, TIME: 12:00:00
EDI-010105-I 00 CENTRAL BATCH QUEUE FILE READ ENDS . . . DATE: 06/01/2011, TIME: 12:00:00
```

Verifying the reports completes this test and confirms that the scheduling of batch jobs is functioning correctly.

The Online Scanner/Initiator continues to execute Schedule Option 401 until it is disabled.

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **401** in the Schedule Number field and press **Enter** to retrieve the information.
- Disable it by typing a **D** in the Schedule Status field and pressing **PF10=Updt**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Initiate Outbound EDI Databank Extract

**Step 22** Test the Sterling Gentran:Realtime schedule option to initiate Outbound EDI Databank Extract processing.

**(Optional)** This is an optional test. If you will not be processing using Deferred Enveloping and you skipped the outbound Deferred Enveloping Immediate Option Test in **Step 13**, you may skip this test also.

*Typically performed by:* System Installer

This test requires two executions of the Online Scanner/Initiator (EDIEOSI) to complete. The default installation scan interval is 120 seconds, so the test will take 2 – 4 minutes to complete. If you have altered the scan interval on the System Options screen (EDIM301), the time required to complete this test will be adjusted accordingly.

You can monitor the execution of the Online Scanner/Initiator on the Online Log Display screen (EDIM304). The system displays the time the program was started, the last time it executed, and the scan interval.

```

Reports Exception Activity Select
EDIM304 8.2_____ ONLINE LOG DISPLAY          XXX   06/01/2011
                                           12:00:00
Start: 06/01/2011 12:00:00 Stop:                Last: 12:00:00 Scan: 0120
Filters===>  Errors Only:  _   Program: _____
  Position   Task #   TranID   Time   Date   Max Count
Criteria===> _____   _____   _____   _____   _____   0450

A   Task   Tran   Time   Date   Term   Program   Error Code
-   00001  EDII   12:00:00  06/01/2011  EDIEOSI  EDI-10308-I 00
-   ONLINE SCANNER/INITIATOR INITIALIZED SUCCESSFULLY BY PLT
-
-
-
-
-
-
-

Enter PF1=Help          PF3=Exit          PF5=Action
      PF7=Bwd   PF8=Fwd

```

Check the box next to each task as you complete it.

Enable Schedule Option 414:

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **414** in the Schedule Number field and press **Enter** to retrieve the information.
- Enable it by typing an **E** in the Schedule Status field and pressing **PF10=Updt**.

The system displays the updated Schedule Options screen.

```

EDIM821 8.1.7_____          SCHEDULE OPTIONS          XXX 06/01/2011
                                          12:00:00

Schedule Number.....: 414      OUTBOUND_EDI_DATABANK_EXTRACT_SCHEDULE__
                               (DEFERRED_IVP_TEST)_____

Schedule Status.....: E        E = Enabled      D = Disabled
Schedule Trace.....: E        E = Enabled      D = Disabled

Interval Time.....: 0002      Minutes      or EXT = Extended

Interval Action
Action to Initiate....: O      B = Batch Job   O = Online Trans   N = None
Batch JCL Name.....: _____
Online TransID.....: EDIE
Online Program.....: _____
Path Option ID.....: 414

                                          Last Update Date: 00/00/00
Error User Exit Program.: _____          Time: 00:00:00
Error User Exit Data....: _____          User: SCI
SCHEDULE RECORD UPDATED

Enter PF1=Help      PF3=Exit PF4=Dir      PF5=Ext      PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del

```

At the next scan interval, the Online Scanner/Initiator detects that Schedule Option 414 is enabled and begins evaluating it.

At the next scan interval, since the Scan Interval for the Online Scanner/Initiator is the same as the Interval Time for Schedule Option 414, the Online Scanner/Initiator initiates transaction **EDIE** to process with Path Option 414. This transaction invokes the Outbound **EDI** Databank Extract (EDID255) to process the data that was written to the databank by the Deferred Enveloping Immediate Option Test that was performed earlier. Because Schedule Trace is enabled, the Online Log Display screen (EDIM304) will contain messages generated during the test.



The following illustrations are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report. After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

PROGRAM EDID255  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE : 06/01/2011  GENTRAN:REALTIME
REPORT TIME : 12:00:00  OUTBOUND EDI DATABANK EXTRACT
REPORT ID : EDID255-EDISUM  SUMMARY REPORT

PAGE : 00001
VERSION: 6.6

-----
OPTIONS USED THIS RUN
-----
REQUESTED-OPERATION           = ENVELOPE
DATABANK-CONFIGURATION       = FULL
FROM-EDITED-DATE            = 01/01/1900
FROM-EDITED-TIME             = 00:00
FUNCTIONAL-GROUP-ID          = ALL
INTERCHANGE-CHARACTER-LIMIT = 999999999
INTERCHANGE-GROUP-LIMIT     = 999999
INTERCHANGE-TRANSACTION-LIMIT = 999999
NETWORK                       = ALL
NETWORK-CONFIGURATION        = NO
NETWORK-TRACKING             = NO
ONLINE-UPDATE-REPORT         = YES
OUTPUT-FILE                   = EDI800
PARTNER                       = ALL
TEST-PRODUCTION-STATUS       = ALL
TO-EDITED-DATE               = 12/31/2099
TO-EDITED-TIME               = 23:59
TRADING-PROFILE-MODE          = RELATIONSHIP
TRANSACTION-SET-ID           = ALL
USER                           = ALL
USER-DUPLICATE-IND           = ALL
USER-REFERENCE                = ALL
VALIDATION-STATUS            = COMPLIANT

-----
PROCESSING SUMMARY
-----
TRANSACTION RECORDS READ      : 8
TRANSACTIONS ENVELOPED       : 4
GROUPS ENVELOPED              : 4
INTERCHANGES ENVELOPED      : 4
SEGMENTS WRITTEN              : 124
CHARACTERS WRITTEN            : 3,768
NUMBER OF RECORDS WRITTEN TO EDI800 : 50
NUMBER OF RECORDS WRITTEN TO EDI512 : 0
NUMBER OF ERRORS THIS RUN     : 0
HIGHEST RETURN CODE THIS RUN  : 0
*****

```

**Note:** If you are processing in Mixed mode, this report will show the Trading-Profile-Mode value as **Mixed**.

```

PROGRAM EDID255 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6 PAGE : 00001
REPORT DATE: 06/01/2011 GENTRAN:REALTIME
REPORT TIME: 12:00:00 OUTBOUND EDI DATABANK EXTRACT
REPORT ID : EDID255-EDIAUDT AUDIT TRAIL VERSION: 6.6

DATABANK RUN NUMBER: 00000001
USER PARTNER QUAL ENVY-REF-ID GROUPS SETS SEGMENTS CHARS
YOUR COMPANY VENDOR-1 000000041 00000001 00000001 00000037 00000000000001121
YOUR COMPANY VENDOR-2 000000020 00000001 00000001 00000027 00000000000000822
YOUR COMPANY VENDOR-3 000000020 00000001 00000001 00000033 00000000000001021
YOUR COMPANY VENDOR-4 000000020 00000001 00000001 00000027 00000000000000804
*****
    
```

Verifying the reports completes this test and confirms that the scheduling of the Outbound EDI Databank Extract is functioning correctly.



Schedule Option 414 will continue to be initiated by the Online Scanner/Initiator until it is disabled:

- Type **8.1.7** in the Jump Code field of any Sterling Gentran CICS screen to display the Schedule Options screen (EDIM821).
- Type **414** in the Schedule Number field and press **Enter** to retrieve the information.
- Disable it by typing a **D** in the Schedule Status field and pressing **PF10=Updt**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Databanks

Perform the installation verification steps in this section to ensure that data was stored on all four Sterling Gentran:Realtime databanks.

**Note:** If you are processing in Mixed mode, the User and Partner IDs displayed on the screens will not exactly match the examples shown in this section.

### Sterling Gentran:Realtime Inbound EDI Databanks

**Step 23** Verify that data was stored on the Sterling Gentran:Realtime Inbound EDI Databanks.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- If you are logged on to Sterling Gentran, type **3.0** in the Jump Code field of any screen to display the Online Databank Maintenance subsystem. Proceed to the next task.

If you are not logged on to Sterling Gentran, complete the following tasks:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
  - Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
  - Type **3** to select Databank Maintenance Menu and press **Enter**. The system displays the Databank Maintenance Menu.
- On the Databank Maintenance Menu, type **1** to select Interchange Directory and press **Enter**.

The system displays the Interchange Directory screen (EDIM254).

```

Select
EDIM254 3.1_____ INTERCHANGE DIRECTORY          XXX   06/01/2011
                                                    12:00:00

Intchg - User _____ Partner _____
In/Outbound  _          Databank  _ (Gentran,Realtime)

A   User          Partner          I/O   Dbk   Div
-   YOUR COMPANY  THEIR COMPANY  I     R    000
-   YOUR COMPANY  THEIR COMPANY  O     G    000
-   YOUR COMPANY  THEIR COMPANY  I     G    000
-   YOUR COMPANY  VENDOR-1      O     R    000
-   YOUR COMPANY  VENDOR-1      O     G    000
-   YOUR COMPANY  VENDOR-2      O     R    000
-   YOUR COMPANY  VENDOR-2      O     G    000
-   YOUR COMPANY  VENDOR-3      O     R    000
-   YOUR COMPANY  VENDOR-3      O     G    000
-   YOUR COMPANY  VENDOR-4      O     R    000

TO SELECT USER/PARTNER ENTER AN "S" BESIDE THE USER
Enter PF1=Help          PF3=Exit          PF5=Interchg
      PF7=Bwd   PF8=Fwd
  
```

Interchanges should be stored on the Sterling Gentran:Realtime Databanks as indicated by the letter **R** in the Databank field column (Dbk).



**For Relationship Mode:**

Type an **s** in the A (Action Code) field next to the *first* interchange that has a value of **I** in the I/O field and a value of **R** in the Dbk field.

**For Mixed Mode:**

Type an **s** in the A (Action Code) field next to the *last* interchange that has a value of **I** in the I/O field and a value of **R** in the Dbk field.



Press **PF5=Interchg** to display the Interchange Status screen (EDIM251).





The system refreshes the screen display

```

Select
EDIM254 3.1_____ INTERCHANGE DIRECTORY          XXX   06/01/2011
                                                    12:00:00

Intchg - User _____ Partner _____
In/Outbound   0          Databank   R   (Gentran,Realtime)

A   User          Partner          I/O   Dbk   Div
-   YOUR COMPANY  THEIR COMPANY  O     R    000
-   YOUR COMPANY  VENDOR-1     O     R    000
-   YOUR COMPANY  VENDOR-2     O     R    000
-   YOUR COMPANY  VENDOR-3     O     R    000
-   YOUR COMPANY  VENDOR-4     O     R    000
-   YOUR COMPANY  VENDOR-5     O     R    000
-   YOUR COMPANY  VENDOR-6     O     R    000
-
-
-
END OF INTERCHANGES
Enter PF1=Help          PF3=Exit          PF5=Interchg
      PF7=Bwd   PF8=Fwd
    
```

- ☐ Type an **S** in the A (Action Code) field next to the first interchange with a Partner ID of VENDOR-1 and press **PF5=Interchg** to display the Interchange Status screen (EDIM251).

```

Acknowledge Select Delete Reset Network
EDIM251 3.3_____ INTERCHANGE STATUS          XXX   06/01/2011
                                                    12:00:00

Intchg - User . . : YOUR_COMPANY_____ Partner VENDOR-1_____
Name . . . . . : YOUR COMPANY NAME          VENDOR-1 NAME
From Date . . . : _____ Time _____ Division 000
To Date . . . . : _____ Time _____
Status - Network: _ Ack _ Int Env Ref: _____
In/Outbound . . : 0          Databank   R

      Rec Interchange          Group Char          Status
A Stat Envelope Ref  Date      Time  Count Count      Ack Net Comm I/O Dbk
-   ( DEFERRED )          00000 0000000000 N   N   O   R
-   000000001   06/01/2011 12:00 00001 0000001129 N   N   O   R
-   000000002   06/01/2011 12:00 00001 0000001129 N   N   O   R
-   000000003   06/01/2011 12:00 00001 0000001129 N   N   O   R
-   000000004   06/01/2011 12:00 00001 0000001119 N   N   O   R
-
-
END OF INTERCHANGES
Enter PF1=Help PF2=Data  PF3=Exit PF4=Dir          PF5=Group          PF6=Next ID
      PF7=Bwd   PF8=Fwd          PF14=Dtl
    
```

- ☐ Verify the presence of entries in the list area.

**Note:** A deferred entry should display under VENDOR-1 if you performed the optional Outbound Deferred Enveloping Immediate Option test.

- Type an **S** in the A (Action Code) field next to the first Interchange Envelope Reference ID that isn't indicated as ( **DEFERRED** ).
- Press **PF2=Data** to view the Interchange Display (this is the data display).
- Verify that data is present.

```

Select
EDIM256 _____ INTERCHANGE DISPLAY          XXX   06/01/2011
                                                12:00:00

Intchg - User  .: YOUR COMPANY                Partner : VENDOR-1
Name . . . . .: YOUR COMPANY NAME           VENDOR-1 NAME
Int. Env. Ref. : 000000001                   Group Count : 000001
Stat - Network : N   Ack : N                 I/O : Outbound
                                                Databank : Realtime
                                                Search : _____

A
- ISA*00*          *00*          *ZZ*STERLING SFW  *ZZ*XYZ COMPUTERS *031201
- *1200*?*00403*000000001*0*T**+;
- GS*PO*STERLING*XYZ*20110601*1200*1*X*004030;
- ST*850*000000001;
- BEG*00*NE*PONUMBER-001**20010102;
- DTM*010*19950105;
- N1*BT*IBM.*1*987654321;
- N3*4600 LAKEHURST COURT;
- N4*COLUMBUS*OH*430170760;
- PER*BD**TE*614-793-7000;
- N1*VN*XYZ COMPUTER COMPANY*1*121212121;

Enter PF1=Help          PF3=Exit PF4=Interchg  PF5=Seg      PF6=Search
      PF7=Bwd   PF8=Fwd
    
```

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Sterling Gentran:Realtime Outbound Application Databanks

**Step 25** Verify that data was stored on the Sterling Gentran:Realtime Outbound Application Databanks.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Interchange Display screen, type **3.6** in the Jump Code field to display the Document Directory screen.

```

Select
EDIM262 3.6_____ DOCUMENT DIRECTORY          XXX 06/01/2011
                                                12:00:00

User . . . _____ Partner _____
In/Outbound  _          Databank R (Gentran, Realtime)

A  User          Partner          I/O  Dbk
_  YOUR COMPANY  THEIR COMPANY  I    R
_  YOUR COMPANY  VENDOR-1      O    R
_  YOUR COMPANY  VENDOR-2      O    R
_  YOUR COMPANY  VENDOR-3      O    R
_  YOUR COMPANY  VENDOR-4      O    R
_  YOUR COMPANY  VENDOR-5      O    R
_  YOUR COMPANY  VENDOR-6      O    R
_
_
_
_
END OF DOCUMENTS
Enter PF1=Help          PF3=Exit          PF5=Doc
      PF7=Bwd   PF8=Fwd

```

Documents should be stored on the Sterling Gentran:Realtime Databanks; the system indicates this by displaying a value of **R** in the Dbk field column.

- Type an **s** in the A (Action Code) field corresponding to the first Partner that has a value of **O** in the I/O field and a value of **R** in the Dbk field.
- Press **PF5=Doc** to display the Document Status screen (EDIM263).



```

SELECT DELETE RESET
EDIM263 3.7 _____ DOCUMENT STATUS XXX 06/01/2011
                                           12:00:00

User . . . . . YOUR_COMPANY _____ Partner VENDOR-1 _____
Appl Data ID _____
User Reference _____
In/Outbound O Databank R Option ____
From Date . . _____ Time ____
To Date . . . _____ Time ____

Rec Appl
A Stat Data ID User Reference Date I/O Dbk Opt
- POFILE PONUMBER-001 06/01/2011 O R 200
- POFILE PONUMBER-001 06/01/2011 O R 206
- POFILE PONUMBER-001 06/01/2011 O R 005
- POFILE PONUMBER-001 06/01/2011 O R 400
-
-
-
END OF DOCUMENTS
Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Detail PF6=Nx Pr ID
      PF7=Bwd PF8=Fwd
    
```

- Verify the presence of entries in the list area.
- Type an **s** in the A (Action Code) field corresponding to the Appl Data ID for the inbound document you are verifying.
- Press **PF2=Data** to view the Document Display screen (EDIM264). This is the data display.
- Compare your screen to the following example to verify that data is present.

```

Select
EDIM264 _____ DOCUMENT DISPLAY XXX 06/01/2011
                                           12:00:00

User . . . . . : YOUR COMPANY Partner : VENDOR-1
Name . . . . . : YOUR COMPANY NAME VENDOR-1 NAME
User Reference : PONUMBER-001
I/O . . . . . : Outbound Databank : Realtime Search : _____

A Record
VENDOR-1PONUMBER-001001010201 IBM 4600 LAKEHURST COURT
- VENDOR-1PONUMBER-001002#####
- VENDOR-1PONUMBER-001002#### PURCHASE ORDER INSTRUCTIONS
- VENDOR-1PONUMBER-001002####
- VENDOR-1PONUMBER-001002#### ALL ITEMS MUST BE SENT BY REQUESTED SHIP DATE O
- VENDOR-1PONUMBER-001002#### ENTIRE ORDER IS SUBJECT TO CANCELLATION
- VENDOR-1PONUMBER-001002####
- VENDOR-1PONUMBER-001002#### NO SUBSTITUTION OF ITEMS W/O PRIOR BUYER APPROV
- VENDOR-1PONUMBER-001002####
- VENDOR-1PONUMBER-001002#####
- VENDOR-1PONUMBER-0010050000500EACH0129999CAT-286-12-20 286/12MHZ/20 MEG

Enter PF1=Help PF3=Exit PF4=Doc PF5=Record PF6=Search
      PF7=Bwd PF8=Fwd PF14=Dt1
    
```

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_





- Press **PF2=Data** to view the Document Display screen (EDIM264). This is the data display.

```

Select
EDIM264 _____ DOCUMENT DISPLAY XXX 06/01/2011
                                           12:00:00

User . . . . . : YOUR COMPANY           Partner : THEIR COMPANY
Name . . . . . : YOUR COMPANY NAME      THEIR COMPANY NAME
User Reference : INV01
I/O . . . . . : Inbound      Databank : Realtime   Search : _____

A Record
 0THEIR COPONUMBER-0010101051200000000005 000000007 000070001 PTP
- 1THEIR COPONUMBER-001INV01 010103010105CONTRACT42JOHN BILLING 0101
- 2THEIR COPONUMBER-001-----
- 2THEIR COPONUMBER-001          TERMS ARE SPECIFIED BELOW
- 2THEIR COPONUMBER-001  DISCOUNT WILL NOT BE APPLIED UNLESS INVOICE IS PAID
- 2THEIR COPONUMBER-001  IN FULL BY THE DISCOUNT DUE DATE.
- 2THEIR COPONUMBER-001-----
- 4THEIR COPONUMBER-001MFG SHIP PT #1 1104 ENDICOTT ASAN FRANCISCO CA94112
- 5THEIR COPONUMBER-0010000000050{000050{EACHCAT-286-12 12
- 5THEIR COPONUMBER-0010000000040{000040{EACHCAT-286-10 10
- 5THEIR COPONUMBER-0010000000090{000090{EACHCAT-286-10 11

Enter PF1=Help           PF3=Exit PF4=Doc           PF5=Record   PF6=Search
      PF7=Bwd   PF8=Fwd                               PF14=Dtl
    
```

- Verify that data is present.
- From the Document Display screen, type **EXIT** in the Jump Code field to exit Sterling Gentran:Realtime.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

---

## Separator Processing

Perform the installation verification steps in this section to ensure that Separator subsystem processing is installed properly.

**Step 27** Test the Sterling Gentran:Realtime Separator subsystem functions.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From a blank CICS screen, type **EDITSb600** (where **b** indicates a blank space) and press **Enter**.

This transaction invokes the Separator Gateway (EDIR100). The Gateway invokes the Separator Driver (EDIR930) to process the inbound X12, EDIFACT, and TRADACOMS test data that was used during the Inbound Processing tests in **Step 14** through **Step 16**. Priority options are defined to process this data with the same 203, 204, 205 immediate options that were used during those earlier tests.

The system displays the following message:

```
BEGINNING PROCESSING      DATE:  YY-MM-DD  TSQNAME:  XXXXXXXX
```

When the transaction is complete, the following message replaces the original display:

```
RETURNED FROM EDIR100
RETURN CODE: 00
STARTING TIME:  HH:MM:SS  ENDING
TIME:  HH:MM:SS  DIFFERENCE:SS.SSS  IN SECONDS
```

Navigate to the Sterling Gentran:Control Separator Monitor screen by completing the following:

- Type your system image ID on a blank CICS screen and press **Enter**. The system displays the Sterling Gentran logon screen.
- Type your Sterling Gentran CICS User ID and Password. The system displays the Sterling Gentran Main Menu.
- Type **7** to select the Sterling Gentran:Control Main Menu and press **Enter**. The system displays the Sterling Gentran:Control Main Menu.
- Type **5** to select the Separator Menu and press **Enter**.
- Type **4** to select Separator Monitor and press **Enter**.

The system displays the Separator Monitor screen (EDIM938).

```

EDIM938 _____ SEPARATOR MONITOR XXX 06/01/2011
                                           12:00:00

Date...: _____ Time...: _____

Date   Time       Task #   Opt  User Pgm   Prty  Error Stat  Desc
First Record
00000000 00000000 0000000 D
NO DATA AVAILABLE
20110601 12000000 0000001 203          1    01 01  X12 810 TEST DA
ISA*00*          *00*          *ZZ*5136666666        *ZZ*6147937000      *01
20110601 12000000 0000000          0
NO DATA AVAILABLE
20110601 12000000 0000001 204          5    01 01  EDIFACT INVOIC
UNB+UNOA:4+600821634216182:ZZ:NETWORK ADDR5+      :ZZ:NETWORK
20110601 12000000 0000000          0
NO DATA AVAILABLE
20110601 12000000 0000001 205          3    01 01  TRADACOMS DELHD
STX=ANA:1+5018206000008+5011111111111+940427:083000+004761+XXXXXX+DELHDR

Enter PF1=Help          PF3=Exit
      PF7=Bwd   PF8=Fwd
    
```

- ☐ In the Jump Code field, type **8.5** and press **Enter** to display the Sterling Gentran:Realtime Activity Summary screen (EDIM870).

```

EDIM870 8.5_____ GENTRAN:Realtime ACTIVITY SUMMARY XXX 06/01/2011
                                           12:00:00

Totals      Waiting  Processing  Completed  Lock Level
Inbound      0          0           4          OPTION
Outbound     0          0           0          OPTION

A Path/Description      Waiting  Processing  Completed  Last Time
- 203 X12 I/B IVP (SHELL PARMS      0          0           1 12:00:00
- 204 EDIFACT I/B IVP (SHELL -      0          0           1 12:00:00
- 205 TRADACOMS I/B IVP (SHELL      0          0           1 12:00:00
- 600 SEPARATOR PROCESSING          0          0           1 12:00:00
-
-
-
-
-
-
-
-
END OF PATH ACTIVITY DISPLAY
Enter PF1=Help          PF3=Exit          PF5=Dt1
      PF7=Bwd   PF8=Fwd
    
```

**Note:** This example illustrates only the paths that are relevant to the Separator Processing test. Your screen may display additional paths.



- Type an **s** the A (Action Code) field to the left of the SEPDRV report, and press **PF5=Action** to display the Report Display screen (EDIM311).

The following illustration is an example of the complete report. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

```

EDIR930    RUN 06/01/2011    TIME 12:00    Separator Driver Processing    PAGE 1
PROGRAM EDIR930  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

PROCESSING BEGAN ON                06/01/2011 AT 12:00 PM.
PROCESSING OPTION: 203 / PRIORITY: 1 / IMAGES SYS-PGM: EDI-EDI
PROCESSING OPTION: 204 / PRIORITY: 5 / IMAGES SYS-PGM: EDI-EDI
PROCESSING OPTION: 205 / PRIORITY: 3 / IMAGES SYS-PGM: EDI-EDI

SUMMARY COUNTS
INPUT RECORDS READ:                186
INTERCHANGES READ:                3
BAD TRAILERS FOUND:                0
BAD INTERCHGS FOUND:              0
UNKNOWN DATA FOUND:              3
OUTPUT RECORDS WRITTEN:           189

PROCESSED COUNTS FROM EDIR945
Router Counts--> RTE IMMED CNT:    3  QUEUE WRITES CNT:    0  USER LINKS CNT:    0
PROCESSING ENDED NORMALLY ON      06/01/2011 AT 12:00 PM.

PROGRAM RETURN CODE----- 0
    
```

Verifying the report completes this test and confirms that the Separator subsystem is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_





The following illustrations are examples of the complete reports. You can scroll forward, backward, left, right, up, or down by using the **PF7**, **PF8**, **PF10**, **PF11**, **PF12**, and **PF13** keys to view the entire report.

- ❑ After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          OUTBOUND APPL DATABANK MAINTENANCE
REPORT ID : EDID151-OA-SUM     SUMMARY REPORT              VERSION: 6.6

PROGRAM EDID151  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

  OPTIONS USED THIS RUN
  -----
REALTIME-PATH-USED             = OADB
PATH-DESCRIPTION               = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION           = HOUSEKEEPING
ARCHIVE                        = YES
DATABANK-CONFIGURATION        = FULL
DATABANK-DELETE-LEVEL        = ALL
DATABANK-MODE                 = APPLICATION
RETENTION-DAYS-LOADED        = 000
RETENTION-DAYS-MAPPED        = 000
TRADING-PROFILE-MODE         = RELATIONSHIP
REPORT-PRINT-SW              = NO
AUDIT-RPT-SUPPRESS           = NO
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          OUTBOUND APPL DATABANK MAINTENANCE
REPORT ID : EDID151-OA-SUM     SUMMARY REPORT              VERSION: 6.6

DIRECTORY RECORDS READ        :      21
DIRECTORY RECORDS PURGED      :      21
DIRECTORY RECORDS ARCHIVED    :      21
MESSAGE STORE RECORDS PURGED  :     371
MESSAGE STORE RECORDS ARCHIVED:     371

NUMBER OF ERRORS THIS RUN     :      0
HIGHEST RETURN CODE THIS RUN :      0
***** END OF SUMMARY REPORT *****

```

**Note:** If you are processing in Mixed mode, the Trading-Profile-Mode field will show a value of **Mixed**.

PAGE : 00001

VERSION: 6.6

GENTRAN:REALTIME  
 VERSION 6.6  
 OUTBOUND APPL DATABANK MAINTENANCE  
 AUDIT TRAIL  
 DROPPED DOCUMENTS

USER	PARTNER	USER-REFERENCE	APPL ID	REF TAG	DB RUN#	RET DAYS
YOUR COMPANY	VENDOR-1	PONUMBER-01	POFILE	OA0000001	00000001	00000001
YOUR COMPANY	VENDOR-1	PONUMBER-01	POFILE	OA0000010	00000004	00000004
YOUR COMPANY	VENDOR-1	PONUMBER-01	POFILE	OA0000014	00000005	00000005
YOUR COMPANY	VENDOR-1	PONUMBER-01	POFILE	OA0000018	00000006	00000006
YOUR COMPANY	VENDOR-2	PONUMBER-02	POFILE	OA0000002	00000001	00000001
YOUR COMPANY	VENDOR-2	PONUMBER-02	POFILE	OA0000011	00000004	00000004
YOUR COMPANY	VENDOR-2	PONUMBER-02	POFILE	OA0000015	00000005	00000005
YOUR COMPANY	VENDOR-2	PONUMBER-02	POFILE	OA0000019	00000006	00000006
YOUR COMPANY	VENDOR-3	PONUMBER-03	POFILE	OA0000003	00000001	00000001
YOUR COMPANY	VENDOR-3	PONUMBER-03	POFILE	OA0000012	00000004	00000004
YOUR COMPANY	VENDOR-3	PONUMBER-03	POFILE	OA0000016	00000005	00000005
YOUR COMPANY	VENDOR-3	PONUMBER-03	POFILE	OA0000020	00000006	00000006
YOUR COMPANY	VENDOR-4	PONUMBER-04	POFILE	OA0000004	00000001	00000001
YOUR COMPANY	VENDOR-4	PONUMBER-04	POFILE	OA0000013	00000004	00000004
YOUR COMPANY	VENDOR-4	PONUMBER-04	POFILE	OA0000017	00000005	00000005
YOUR COMPANY	VENDOR-4	PONUMBER-04	POFILE	OA0000021	00000006	00000006
YOUR COMPANY	VENDOR-5	PONUMBER-01	POFILE	OA0000005	00000002	00000002
YOUR COMPANY	VENDOR-5	PONUMBER-02	POFILE	OA0000006	00000002	00000002
YOUR COMPANY	VENDOR-5	PONUMBER-03	POFILE	OA0000007	00000002	00000002
YOUR COMPANY	VENDOR-5	PONUMBER-04	POFILE	OA0000008	00000002	00000002
YOUR COMPANY	VENDOR-6	PONUMBER-03	POFILE-ANA	OA0000009	00000003	00000003

\*\*\* SYNCPOINT PERFORMED\*\*\*\*\*  
 \*\*\*\*\*  
 \*\*\*\*\* END OF AUDIT REPORT \*\*\*\*\*

**Note:** If you are processing in Mixed mode, the User ID values on this report will be **ISA-PARTNER**.

Verifying the reports completes this test and confirms that the Outbound Application Databank Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



```

PAGE      : 00001
VERSION: 6.6

REPORT DATE: 06/01/2011          GENTRAN:REALTIME
REPORT TIME: 12:00:00          OUTBOUND EDI DATABANK MAINTENANCE:
REPORT ID  : EDID251-OE-SUM     SUMMARY REPORT

PROGRAM EDID251  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

OPTIONS USED THIS RUN
-----
REALTIME-PATH-USED           = OEDB
PATH-DESCRIPTION             = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION          = HOUSEKEEPING
ARCHIVE                       = YES
CLEAN                         = YES
DATABANK-CONFIGURATION       = FULL
DATABANK-DELETE-LEVEL        = ALL
DATABANK-DIRECTORY-LEVEL     = INTERCHANGE
REPORT-TYPE                   = FULL
RETENTION-DAYS-PROCESSED     = 000
RETENTION-DAYS-UNPROCESSED  = 000
TRADING-PROFILE-MODE         = RELATIONSHIP
REPORT-PRINT-SW              = NO
AUDIT-RET-SUPPRESS           = NO

PROCESSING SUMMARY
-----
DIRECTORY RECORDS CLEANED      : 16
INTERCHANGE RECORDS READ      : 19
INTERCHANGE RECORDS PURGED    : 19
INTERCHANGE RECORDS ARCHIVED  : 19
GROUP RECORDS PURGED          : 19
GROUP RECORDS ARCHIVED        : 19
TRANSACTION RECORDS PURGED    : 26
TRANSACTION RECORDS ARCHIVED  : 26
OTHER DIRECTORY RECORDS PURGED : 19
OTHER RECORDS ARCHIVED        : 38
MESSAGE-STORE RECORDS READ    : 20
MESSAGE-STORE RECORDS PURGED  : 20
MESSAGE-STORE RECORDS ARCHIVED : 20
APPLICATION LINK RECORDS PURGED : 21
TOTAL DIRECTORY RECORDS PURGED : 99
TOTAL DIRECTORY RECORDS ARCHIVED : 102

NUMBER OF ERRORS THIS RUN      : 0
HIGHEST RETURN CODE THIS RUN  : 0
***** END OF SUMMARY REPORT *****
    
```

**Note:** If you are processing in Mixed mode, the Trading-Profile-Mode field will show a value of **Mixed**.

Partial Report:

ENVELOPE REFERENCE ID	CHARACTER COUNT	USER REFERENCE	ACK STATUS	REFERENCE TAG	RET DAYS
REPORT DATE: 06/01/2011 PROGRAM EDID251 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6 REPORT TIME: 12:00:00 REPORT ID : EDID251-OE-AUD					
GENTRAN:REALTIME OUTBOUND EDI DATABANK MAINTENANCE AUDIT TRAIL					
*** SYNCPOINT PERFORMED*****					
INTERCHANGE USER: YOUR COMPANY PARTNER: THEIR COMPANY (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: THEIR COMPANY (GROUPS: 000001, RUN#: 0000006, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-1 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-1 (GROUPS: 000001, RUN#: 0000001, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-1 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-1 (GROUPS: 000001, RUN#: 0000005, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-1 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-1 (GROUPS: 000001, RUN#: 0000007, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000008, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000009, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000011, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000012, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000013, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000014, RET DAYS: ) (TRANSACTIONS: 000001)					
INTERCHANGE USER: YOUR COMPANY PARTNER: VENDOR-2 (OUTPUT: 06/01/2011 12:00, STATUS - ACK: NETWORK : ) GROUP USER: YOUR COMPANY PARTNER: VENDOR-2 (GROUPS: 000001, RUN#: 0000015, RET DAYS: ) (TRANSACTIONS: 000001)					

**Note:** If you are processing in Mixed mode, this report will show User ID values of **ISA-PARTNER**.

Verifying the reports completes this test and confirms that the Outbound EDI Databank Maintenance process is functioning correctly.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



- ☐ After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

REPORT DATE: 06/01/2011                GENTRAN:REALTIME                PAGE : 00001
REPORT TIME: 12:00:00                 INBOUND EDI DATABANK MAINTENANCE
REPORT ID : EDID351-IE-SUM            SUMMARY REPORT                    VERSION: 6.6

PROGRAM EDID351  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

      OPTIONS USED THIS RUN
      -----

REALTIME-PATH-USED                    = IEDE
PATH-DESCRIPTION                      = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION                   = HOUSEKEEPING
ARCHIVE                               = YES
DATABANK-CONFIGURATION                = FULL
DATABANK-DELETE-LEVEL                 = ALL
DATABANK-DIRECTORY-LEVEL               = INTERCHANGE
REPORT-TYPE                           = FULL
RETENTION-DAYS-LOADED                 = 000
TRADING-PROFILE-MODE                  = RELATIONSHIP
REPORT-PRINT-SW                       = NO
AUDIT-RPT-SUPPRESS                    = NO
REPORT DATE: 06/01/2011                GENTRAN:REALTIME                PAGE : 00002
REPORT TIME: 12:00:00                 INBOUND EDI DATABANK MAINTENANCE
REPORT ID : EDID351-IE-SUM            SUMMARY REPORT                    VERSION: 6.6

INTERCHANGE RECORDS READ              :          7
INTERCHANGE RECORDS PURGED            :          7
INTERCHANGE RECORDS ARCHIVED          :          7
GROUP RECORDS PURGED                  :          7
GROUP RECORDS ARCHIVED                :          7
TRANSACTION RECORDS PURGED            :         30
TRANSACTION RECORDS ARCHIVED          :         30
OTHER RECORDS ARCHIVED                :         14
OTHER RECORDS PURGED                  :          7
MESSAGE-STORE RECORDS PURGED          :         12
MESSAGE-STORE RECORDS ARCHIVED        :         12
TOTAL RECORDS ARCHIVED                :         58
TOTAL RECORDS PURGED                  :         51

NUMBER OF ERRORS THIS RUN              :          0
HIGHEST RETURN CODE THIS RUN          :          0
***** END OF SUMMARY REPORT *****
    
```

**Note:** If you are processing Mixed mode, this report will show a value of **Mixed** in the Trading-Profile-Mode field.



Partial Report

PAGE : 00001

VERSION: 6.6

GENTRAN: REALTIME  
 PROGRAM EDID351 COMPILED ON 06/01/11 AT 12.00.00 VERSION 6.6  
 INBOUND EDI DATABANK MAINTENANCE  
 REPORT TIME: 12:00:00  
 REPORT ID : EDID351-IE-AUD  
 AUDIT TRAIL  
 DROPPED DOCUMENTS

ENVELOPE REFERENCE ID	CHARACTER COUNT	USER-REFERENCE	ACK STATUS	REFERENCE TAG	RET DAYS
INTERCHANGE USER: YOUR COMPANY PARTNER: THEIR COMPANY (OUTPUT: 06/01/2011 12:00, STATUS - ACK: 7) GROUP USER: YOUR COMPANY PARTNER: THEIR COMPANY (GROUPS: 000001525 (GROUPS: 000001, REF DAYS: ) (TRANSACTIONS: 000001) 00000000000155 000001525 00000000000155 000001525 00000000002155 000001340					
INTERCHANGE USER: YOUR COMPANY PARTNER: THEIR COMPANY (OUTPUT: 06/01/2011 12:00, STATUS - ACK: 7) GROUP USER: YOUR COMPANY PARTNER: THEIR COMPANY (GROUPS: 000001525 (GROUPS: 000001, REF DAYS: ) (TRANSACTIONS: 000001) 00000000000155 000001525 00000000000155 000001525 00000000002155 000001340					
INTERCHANGE USER: YOUR COMPANY PARTNER: THEIR COMPANY (OUTPUT: 06/01/2011 12:00, STATUS - ACK: ) GROUP USER: YOUR COMPANY PARTNER: THEIR COMPANY (GROUPS: 000006392 (GROUPS: 000001, REF DAYS: ) (TRANSACTIONS: 000006) 0000000007 000006270 000070001 000001021 INV01 000070002 000001034 INV02 000070003 000001032 INV03 000070004 000001036 INV04 000070005 000001038 INV05 000070006 000001034 INV06					
INTERCHANGE USER: YOUR COMPANY PARTNER: THEIR COMPANY (OUTPUT: 06/01/2011 12:00, STATUS - ACK: ) GROUP USER: YOUR COMPANY PARTNER: THEIR COMPANY (GROUPS: 000006392 (GROUPS: 000001, REF DAYS: ) (TRANSACTIONS: 000006) 0000000007 000006270 000070001 000001021 INV01 000070002 000001034 INV02 000070003 000001032 INV03 000070004 000001036 INV04 000070005 000001038 INV05 000070006 000001034 INV06					
INTERCHANGE USER: YOUR COMPANY PARTNER: THEIR COMPANY (OUTPUT: 06/01/2011 12:00, STATUS - ACK: ) GROUP USER: YOUR COMPANY PARTNER: THEIR COMPANY (GROUPS: 000006392 (GROUPS: 000001, REF DAYS: ) (TRANSACTIONS: 000006) 0000000007 000006270 000070001 000001021 INV01 000070002 000001034 INV02 000070003 000001032 INV03 000070004 000001036 INV04 000070005 000001038 INV05 000070006 000001034 INV06					

**Note:** If you are processing in Mixed mode, this report will show User ID values other than those illustrated above.

Verifying the reports completes this test and confirms that the Inbound EDI Databank Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



- After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          INBOUND APPLICATION DATABANK MAINTENANCE
REPORT ID : EDID451-IA-SUM     SUMMARY REPORT          VERSION: 6.6

```

```
PROGRAM EDID451  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
```

OPTIONS USED THIS RUN

-----

```

REALTIME-PATH-USED           = IADB
PATH-DESCRIPTION             = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION          = HOUSEKEEPING
ARCHIVE                       = YES
DATABANK-CONFIGURATION       = FULL
DATABANK-DELETE-LEVEL        = ALL
RETENTION-DAYS-PROCESSED     = 000
RETENTION-DAYS-UNPROCESSED   = 000
TRADING-PROFILE-MODE         = RELATIONSHIP
STRUCTURE/APPL-SW            = APPLICATION
REPORT-PRINT-SW              = NO
AUDIT-RPT-SUPPRESS          = NO

```

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          INBOUND APPLICATION DATABANK MAINTENANCE
REPORT ID : EDID451-IA-SUM     SUMMARY REPORT          VERSION: 6.6

```

```

DIRECTORY RECORDS READ       :      22
DIRECTORY RECORDS PURGED     :      22
DIRECTORY RECORDS ARCHIVED   :      22
MESSAGE STORE RECORDS PURGED :     440
MESSAGE STORE RECORDS ARCHIVED :     440
EDI LINK RECORDS PURGED      :      22
INTERRUPTED MSG-STORE RECS PURGED :      0

```

```

NUMBER OF ERRORS THIS RUN    :      0
HIGHEST RETURN CODE THIS RUN :      0
***** END OF SUMMARY REPORT *****

```

**Note:** If you are processing in Mixed mode, this report will show a value of **Mixed** in the Trading-Profile-Mode field.

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
PROGRAM EDID451  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT TIME: 12:00:00          INBOUND APPLICATION DATABANK MAINTENANCE
REPORT ID : EDID451-IA-AUD     AUDIT TRAIL          VERSION: 6.6

                                DROPPED DOCUMENTS

USER          PARTNER          USER REFERENCE          REF TAG          APPL ID          DB RUN#          RET DAYS
YOUR COMPANY  THEIR COMPANY  REF:IE000000012        IE00000012        DELVFILE        00000003
YOUR COMPANY  THEIR COMPANY  REF:IE000000035        IE00000035        DELVFILE        00000006
YOUR COMPANY  THEIR COMPANY  INV01                  IE00000001        INVFILE         00000001
YOUR COMPANY  THEIR COMPANY  INV01                  IE00000019        INVFILE         00000004
YOUR COMPANY  THEIR COMPANY  INV01                  IE00000027        INVFILE         00000005
YOUR COMPANY  THEIR COMPANY  INV02                  IE00000004        INVFILE         00000001
YOUR COMPANY  THEIR COMPANY  INV02                  IE00000022        INVFILE         00000004
YOUR COMPANY  THEIR COMPANY  INV02                  IE00000030        INVFILE         00000005
YOUR COMPANY  THEIR COMPANY  INV03                  IE00000005        INVFILE         00000001
YOUR COMPANY  THEIR COMPANY  INV03                  IE00000023        INVFILE         00000004
YOUR COMPANY  THEIR COMPANY  INV03                  IE00000031        INVFILE         00000005
YOUR COMPANY  THEIR COMPANY  INV04                  IE00000006        INVFILE         00000001
YOUR COMPANY  THEIR COMPANY  INV04                  IE00000024        INVFILE         00000004
YOUR COMPANY  THEIR COMPANY  INV04                  IE00000032        INVFILE         00000005
YOUR COMPANY  THEIR COMPANY  INV05                  IE00000007        INVFILE         00000001
YOUR COMPANY  THEIR COMPANY  INV05                  IE00000025        INVFILE         00000004
YOUR COMPANY  THEIR COMPANY  INV05                  IE00000033        INVFILE         00000005
YOUR COMPANY  THEIR COMPANY  INV06                  IE00000008        INVFILE         00000001
YOUR COMPANY  THEIR COMPANY  INV06                  IE00000026        INVFILE         00000004
YOUR COMPANY  THEIR COMPANY  INV06                  IE00000034        INVFILE         00000005
YOUR COMPANY  THEIR COMPANY  AQ210267              IE00000009        INVFILE-ED      00000002
YOUR COMPANY  THEIR COMPANY  AQ210267              IE00000042        INVFILE-ED      00000007
*** SYNCPOINT PERFORMED*****
***** END OF AUDIT REPORT *****
    
```

**Note:** If you are processing in Mixed mode, this report will show User ID and Partner ID values other than those illustrated above.

Verifying the reports completes this test and confirms that the Inbound Application Databank Maintenance process is functioning correctly.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



- ☐ After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID : EDI118              SUMMARY REPORT              VERSION: 6.6

      OPTIONS USED THIS RUN
      -----

REQUESTED-OPERATION      = PROCESS
MONITOR                  = YES
MONITOR-LEVEL            = NORMAL
MONITOR-REPORT           = ALL
MONITOR-SATURDAY         = NO
MONITOR-SUNDAY           = NO
RECONCILE                = YES
TRADING-PROFILE-MODE    = RELATIONSHIP
VIEWPOINT                = NO
DELETE-UNMATCHED-IND    = YES
UNMATCHED-QUEUE-NBR     = 099
      PROCESSING SUMMARY
      -----

RECONCILIATION PROCESSING
INTERCHANGES           :      0
GROUPS                  :      0
TRANSACTIONS            :      0
UNMATCHED               :      0
TOTAL                   :      0

EXPECTED ACKNOWLEDGEMENTS OVERDUE
INTERCHANGES           :      0
GROUPS                  :      0
TRANSACTIONS            :      0
TOTAL                   :      0
DELETED COUNT          :      0

NUMBER OF ERRORS THIS RUN      :      0
HIGHEST RETURN CODE THIS RUN  :      0
***** NORMAL END OF JOB *****
    
```

**Note:** If you are processing in Mixed mode, this report shows a value of **Mixed** in the Trading-Profile-Mode field.

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE: 00001
REPORT TIME: 12:00:00          ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID : EDI116              RECONCILIATION REPORT              VERSION: 6.6

PARTNER                  QUAL USER REFERENCE          TRANSACTION      EXPECTED      ACK
TIME  STATUS                                     ENVELOPE REF    DATE

***** NORMAL END OF JOB *****
    
```

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE: 00001
REPORT TIME: 12:00:00          ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID  : EDI117          EXPECTED ACKNOWLEDGEMENT MONITORING REPORT          VERSION: 6.6

PARTNER          QUAL USER REFERENCE          TRANSACTION          SENT          EXPECTED
TIME  DATE          TIME          ENVELOPE REF DATE

***** NORMAL END OF JOB *****
    
```

```

PROGRAM EDID515  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE: 00001
REPORT TIME: 12:00:00          ACKNOWLEDGEMENT RECONCILIATION/MONITOR
REPORT ID  : EDI115          ERROR MESSAGE LOG REPORT          VERSION: 6.6

MSG NR          MESSAGE DESCRIPTION

***** NORMAL END OF JOB *****
    
```

Verifying the reports completes this test and confirms that the Acknowledgement Reconciliation/Monitor process is functioning correctly.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_





- After viewing each report, press **PF3=Exit** to return to the Report Selection screen (EDIM310).

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
REPORT TIME: 12:00:00          DATABANK CHANGE AUDIT MAINTENANCE
REPORT ID : EDID552-CA-SUM      SUMMARY REPORT              VERSION: 6.6

PROGRAM EDID552  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6

      OPTIONS USED THIS RUN
      -----
REALTIME-PATH-USED              = CADB
DESCRIPTION                     = DEFAULT HOUSEKEEPING PARMS
REQUESTED-OPERATION             = HOUSEKEEPING
ARCHIVE                         = NO
DATABANK                       = ALL
RETENTION-DAYS-UPDATE-APPLIED  = 000
RETENTION-DAYS-UPDATE-ONLINE   = 000
TRADING-PROFILE-MODE           = RELATIONSHIP
REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00002
REPORT TIME: 12:00:00          DATABANK CHANGE AUDIT MAINTENANCE
REPORT ID : EDID552-CA-SUM      SUMMARY REPORT              VERSION: 6.6

CHANGE AUDIT RECORDS READ      :      0
CHANGE AUDIT RECORDS PURGED    :      0
CHANGE AUDIT RECORDS ARCHIVED  :      0

NUMBER OF ERRORS THIS RUN      :      0
HIGHEST RETURN CODE THIS RUN   :      0
***** END OF SUMMARY REPORT *****

```

**Note:** If you are processing in Mixed mode, this report shows the value **Mixed** in the Trading-Profile-Mode field.

```

REPORT DATE: 06/01/2011          GENTRAN:REALTIME          PAGE : 00001
PROGRAM EDID552  COMPILED ON 06/01/11 AT 12.00.00  VERSION 6.6
REPORT TIME: 12:00:00          DATABANK CHANGE AUDIT MAINTENANCE
REPORT ID : EDID552-CA-AUD      AUDIT TRAIL                  VERSION: 6.6

                                DROPPED DOCUMENTS

***** END OF AUDIT REPORT *****

```

Verifying the reports completes this test and confirms that the Change Audit Maintenance process is functioning correctly.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**The installation verification procedures are complete.**



# Converting to Release 6.6

## Overview

This chapter explains the steps involved in converting to IBM® Sterling Gentran:Realtime® for z/OS® from Release 6.3, 6.4, or 6.5. Customers who are using earlier versions of Sterling Gentran:Realtime should contact the IBM Software Product Support Center.

**Note:** If you are a new Sterling Gentran:Realtime customer, skip this chapter.

**Caution:** Back up all of your files and close them before beginning the conversion steps in this chapter.

This chapter contains the following topics:

<b>Topic</b>	<b>Page</b>
<b>Introduction .....</b>	<b>6-2</b>
<b>Converting the Release 6.3 Files to Release 6.6 Formats .....</b>	<b>6-3</b>
Converting Sterling Gentran:Basic Files .....	6-3
Converting Sterling Gentran:Realtime Files .....	6-15
<b>Converting the Release 6.4 Files to Release 6.6 Formats .....</b>	<b>6-28</b>
Converting Sterling Gentran:Basic Files .....	6-28
Converting Sterling Gentran:Realtime Files .....	6-40
<b>Converting the Release 6.5 Files to Release 6.6 Formats .....</b>	<b>6-52</b>
Converting Sterling Gentran:Basic Files .....	6-52
Converting Sterling Gentran:Realtime Files .....	6-64

## Introduction

You must complete the installation verification procedure in Chapter 4 or Chapter 5 of this guide (according to your processing mode) before you perform the conversion process here.

This chapter describes conversions from different releases of Sterling Gentran:Realtime to Release 6.6. Perform only those steps corresponding to your release of Sterling Gentran:Realtime.

All the JCL members referenced in this chapter are located in **GENTRAN.V6X6.RTE.JCL**.

In every step of the conversion process, you will be instructed to close and disable files to the Release 6.6 CICS environment before submitting the conversion job and then to enable them when the conversion has completed. The first three positions of each file name are always specified as **SIM** to represent the system image. When performing the requested action, always substitute the three-character system image specified on the Pre-installation Worksheet in Chapter 2 for the value **SIM**.

---

## Converting the Release 6.3 Files to Release 6.6 Formats

This section describes the tasks required to convert your files from IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 to IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 formats.

### Converting Sterling Gentran:Basic Files

**Note:** If Sterling Gentran:Basic is installed on your system, skip this section and proceed to “Converting Sterling Gentran:Realtime Files” on page 6-15.

**Step 1** Convert the Sterling Gentran:Basic portion of the System Configuration file.

**Note:** The configuration records for other products will be converted at the time of their installation.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNCFG63**.
- Close and disable the **SIMCFG** file in the Release 6.6 CICS environment.
- Submit the **CNCFG63** job.
- After the job has successfully completed, enable the **SIMCFG** file in the Release 6.6 CICS environment.

Proceed to **Step 2**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2** Convert the Partner subsystem.

In this step you will convert the following files:

- Partner
- Partner Inbound Control
- Partner Outbound Control

*Typically performed by:* System Installer

Complete one of the following:

- If you are converting the entire contents of the Release 6.3 Partner and Control number files to Release 6.6, perform **Step 2a**.
- If you are performing incremental conversion (for example, converting only part of the records at this time), perform **Step 2b** and **Step 2c**.

**Note:** To incrementally stage your conversions, you must be able to identify and direct your data to the appropriate release of Sterling Gentran:Realtime. You can accomplish this using the Separator function.

See the IBM® Sterling Gentran:Control® *User Guide* for more information.

**Step 2a** Convert the entire Partner subsystem.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRT63**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRT63** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB

Proceed to **Step 2d**.

**Step 2b** Prepare empty VSAM for incremental conversion of the Partner subsystem.

This step deletes and redefines the Partner subsystem and only needs to be performed once.

**Note:** If you have already submitted CNPRT63, skip **Step 2b** and **Step 2c**.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRTDEF**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRTDEF** job.
- Verify successful completion.

Proceed to **Step 2c**.

**Step 2c** Incrementally, convert Partner subsystem files.

**Note:** Repeat this step as often as needed.

Check the box next to each task as you complete it.

- Customize the JCL member **CNPRT63P**. Enter a parameter for each partner to be converted or specify a range of partners for conversion.

**Note:** If you are using the Partner/Qualifier or Mixed processing mode, you will specify Partner IDs and Qualifiers on the parameters.

If you are using Relationship processing mode, you will specify User and Partner IDs on the parameters.

- If necessary, close and disable the following files in the Release 6.6. CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRT63P** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB

Proceed to **Step 2d**.

**Step 2d** Convert the Partner Cross-reference file.

**Note:** If you are using the Relationship processing mode, skip this step and proceed to **Step 2e**.

Check the box next to each task as you complete it.

- Customize JCL member **CNXRF63**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPREF
  - SIMPREF1
- Submit the **CNXRF63** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPREF
  - SIMPREF1

Proceed to **Step 3**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2e** Convert Partner Relationship file.

**Note:** If you are not using the Relationship processing mode, skip this step and proceed to **Step 3**.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRL63**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPREL
  - SIMPREL1
- Submit the **CNPRL63** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPREL
  - SIMPREL1

Proceed to **Step 3**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 3** Convert the Standards subsystem.

**Note:** As of **D 00A** for EDIFACT and **004030** for ASC X12, repeating data elements are part of the standard. If you plan to use the Repeating Element feature, we recommend that you reload these versions from your Release 6.6 standards.

In this step, you will convert the following files:

- Version
- Transaction
- Segment
- Segment Description
- Element
- Element Description
- Dictionary
- Activity
- Code (four files)
- Association

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNSTD63**.
- Close and disable the following Standards files in the Release 6.6 CICS environment:
  - SIMSACT      • SIMSCD3      • SIMSELE      • SIMSVER
  - SIMSASC      • SIMSCD4      • SIMSSEG
  - SIMSCD1      • SIMSDIC      • SIMSSGD
  - SIMSCD2      • SIMSELD      • SIMSTRN
- Submit the **CNSTD63** job.
- After the job has successfully completed, enable the following Standards files in the Release 6.6 CICS environment:
  - SIMSACT      • SIMSCD3      • SIMSELE      • SIMSVER
  - SIMSASC      • SIMSCD4      • SIMSSEG
  - SIMSCD1      • SIMSDIC      • SIMSSGD
  - SIMSCD2      • SIMSELD      • SIMSTRN

Proceed to **Step 4**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 4** Create the Optimized Standards Table file.

The Optimized Standards Table file is a VSAM data set that is used by the inbound and outbound Editor programs to perform EDI compliance checking. The information to build this file is extracted from the online Standards files.

**Note:** You must run this job each time you make changes to the Standards files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- In the Standards Maintenance subsystem, navigate to the Transactions in Use screen and select the version and transaction parameter value combinations that meet your requirements.

**Note:** You do not need to reset previously set parameter values.

- Customize and submit JCL member **EXEC030**.

Proceed to **Step 5**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 5** Convert the Security subsystem.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNSEC63**.
- Close and disable the **SIMSECR** file in the CICS Release 6.6 environment.
- Submit the **CNSEC63** job.
- After the job has successfully completed, enable the **SIMSECR** file in the Release 6.6 CICS environment.

Proceed to **Step 6**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 6** Convert the Mapping subsystem.

In this step, you will convert the following files:

- Application Header
- Application Fields
- Application Records
- Application Link
- Transaction Header
- Transaction Segments
- Transaction Elements
- Code Definition
- Code Translation
- Data Translation
- Data Validation

*Typically performed by:* System Installer

Complete one of the following:

- If you are converting the entire contents of the Release 6.3 mapping files, code tables, and application files to Release 6.6, perform the tasks in **Step 6a**.
- If you are incrementally converting Release 6.3 mapping files to Release 6.6, you must complete one cycle of **Step 6b** through **Step 6f**.

**Note:** To incrementally stage your conversions, you must be able to identify and direct your data to the appropriate release of Sterling Gentran:Realtime. You can accomplish this using the Separator function.

See the IBM® Sterling Gentran:Control® *User Guide* for more information.

**Step 6a** Convert the entire Mapping subsystem.

Check the box next to each task as you complete it.

- Customize JCL member **CNMAP63**.
- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1
- Submit the **CNMAP63** job.

- Enable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

Proceed to **Step 7**.

**Step 6b** Prepare empty VSAM files for incremental conversion.

**Note:** If you have already executed **CNMAP63**, skip this step and proceed to **Step 7**.

Check the box next to each task as you complete it.

- To prepare for the incremental conversion, define empty Release 6.6 Application, Transaction, and Code VSAM files by customizing JCL member **CNMAPDEF**.

**Note:** You only need to perform this task once.

- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

- Submit the **CNMAPDEF** job.

After the job has successfully completed, proceed to **Step 6c**.

**Step 6c** Incrementally convert application files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP63A** for the format of the parameters used.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPFL1
  - SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR
- Enter a parameter for each application to convert, or specify a range of Application IDs for conversion SYS030, and then submit the **CNMAP63A** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6c** as often as needed.

- After the job has successfully completed, enable these files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPFL1
  - SIMAPHD     • SIMAPRC
  - SIMAPR1     • SIMAPTR

Proceed to **Step 6d**.

**Step 6d**

Incrementally convert code files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP63C** for the format of parameters used. Enter a parameter for each code table to convert, or specify a range of code Table IDs for conversion.
  - Close and disable the following files in the Release 6.6 CICS environment:
    - SIMCDCD      • SIMCDC1
    - SIMCDDA     • SIMCDDF
    - SIMCDD1     • SIMCDVL
  - Submit the **CNMAP63C** job.
- Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6d** as often as needed.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
    - SIMCDCD      • SIMCDC1
    - SIMCDDA     • SIMCDDF
    - SIMCDD1     • SIMCDVL

Proceed to **Step 6e**.

**Step 6e**

Incrementally, convert transaction files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP63T** for the format of parameters used. Enter a parameter for each Transaction ID to convert, or specify a range of Transaction IDs for conversion.
  - Close and disable the following files in the Release 6.6 CICS environment:
    - SIMTREL      • SIMTRE1
    - SIMTRHD     • SIMTRSG
    - SIMTRS1
  - Submit the **CNMAP63T** job.
- Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6e** as often as needed.

- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:

- SIMTREL      • SIMTRE1
- SIMTRHD     • SIMTRSG
- SIMTRS1

Proceed to **Step 6f**.

**Step 6f**

Build and populate alternate indexes.

Performing this step builds and populates the alternate keys for Release 6.6 application, codes, and transaction files. Repeat this step as often as needed.

**Note:** You should only perform this step once during the cycle for **Step 6b** through **Step 6f**. You can skip this step if you have successfully completed it.

At least one record must be written to each of the mapping VSAM files. Review the conversion reports to confirm that record counts are greater than 0.

Check the box next to each task as you complete it.

- Customize JCL member **CNMAPAIX**.
- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1
- Submit the **CNMAPAIX** job.
- After the job has successfully completed, enable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

Proceed to **Step 7**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Step 7** Convert the Error Message file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNMSG63**.
- Close and disable the **SIMERRC** file to the Release 6.6 CICS environment.
- Submit the **CNMSG63** job.
- After the job has successfully completed, enable the **SIMERRC** file in your Release 6.6 CICS environment.

Proceed to **Step 8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



## Converting Sterling Gentran:Realtime Files

**Step 8** Convert the Sterling Gentran:Realtime portion of the System Configuration file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNCFG63R**.
- Close and disable the **SIMCFG** file in the Release 6.6 CICS environment.
- Submit the **CNCFG63R** job.
- After the job has successfully completed, enable the **SIMCFG** file in the Release 6.6 CICS environment.

Proceed to **Step 9**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 9** Convert the Sterling Gentran:Realtime Databank subsystem.

Before converting to Release 6.6, you must update Release 6.3 Databank files. The files to update and convert include the following:

- Directory
- Message Store
- Change Audit
- Link
- Archive

This step of the conversion process is divided into substeps. The following table describes where each substep begins.

If you are converting...	See step...
<b>Convert files to Release 6.6</b>	
• Miscellaneous Databank files	<b>Step 9a</b>
<b>Application Databank files</b>	
• Inbound application databank only	<b>Step 9b</b>
• Outbound application databank only	<b>Step 9c</b>
<b>EDI Databank files</b>	
• Inbound EDI databank only	<b>Step 9d</b>
• Outbound EDI databank only	<b>Step 9e</b>

First, review Release 6.3 Databank files in your Release 6.3 CICS environment to make sure all outstanding maintenance and processing are complete before proceeding with your databank conversion.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review the **Exception Processing** records. You can do this by viewing the Exception Processing Directory (EDIM850). If it contains data, then it should be reprocessed or deleted.

For more information about the Exception processing see the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 User Guide*.

- Review **Q92, Q96, Q98, and Q99**. These are the miscellaneous queues used for scheduled print reports, network and reported status, acknowledgement input and output. If data is in these queues, they should be processed before proceeding with the conversion. Contact IBM Customer Support.
- Process Acknowledgement Reconciliation to clear the **EDIRDAR** file. You can do this by processing transaction **EDI7**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information about this process.

- Before running these conversions, close and disable the following databank files in the Release 6.6 CICS environment:

- SIMRIAA      • SIMRIEL      • SIMROAS      • SIMRARCH
- SIMRIACA    • SIMRIES      • SIMROEA      • SIMRARIA
- SIMRIAS      • SIMROAA      • SIMROECA     • SIMRARIE
- SIMRIEA      • SIMROACA    • SIMROES      • SIMRAROA
- SIMRIECA    • SIMROAL      • SIMOLF        • SIMRAROE
- SIMRNRC

**Step 9a** Convert miscellaneous databank files.

Check the box next to each task as you complete it.

- Customize and submit JCL member **CNDBMR**.

**Note:** Step 4 of this job will reinitialize the Network Reconciliation File (EDINRC) with the seed file. If you wish to retain the previous contents of the file, change the data set name for the SEQNRC DD statement to your file before submitting the job.

- Verify successful completion.

**Step 9b** Convert Inbound Application Databank files.

**Note:** Skip this step if you are *not* using the Inbound Application Databank, and proceed to **Step 9c**.

The following tasks, which you will be executing in your 6.3 CICS environment, are intended to clean up your Release 6.3 Inbound Application Databank files before conversion.

**Note: Remember, if you skip these steps, your Release 6.6 databank files may *not* be current with your Release 6.3 databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.3 environment to perform Inbound Application Databank Maintenance (EDID451). You can do this by executing **Transaction ID EDI6** or schedule **option 406** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.3 environment to perform Change Audit Maintenance (EDID552) for the Inbound Application Housekeeping. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Customize JCL member **CNDRA63I**.
- After these maintenance transactions have successfully completed, submit the **CNDRA63I** job.

### Step 9c

Convert Outbound Application Databank files.

**Note:** Skip this step if you are *not* using the Outbound Application Databank and proceed to **Step 9d**.

The following tasks, which you will be executing in your Release 6.3 CICS environment, are intended to clean up your Release 6.3 Outbound Application Databank files before conversion.

**Note:** **Remember, if you skip these steps, your 6.6 databank files may *not* be current with your 6.3 databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.3 environment to perform Outbound Application Databank Maintenance (EDID151). You can do this by executing **Transaction ID EDI3** or schedule **option 403** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Execute CICS transaction in your 6.3 environment to perform Change Audit Maintenance (EDID552) for the Outbound Application Housekeeping. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Customize JCL member **CNDRA63O**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRA63O**.

### Step 9d

Convert Inbound EDI Databank files.

**Note:** Skip this step if you are *not* using the Inbound EDI Databank and proceed to **Step 9e**.

The following tasks, which you will be executing in your Release 6.3 CICS environment, are intended to clean up your Release 6.3 Inbound EDI Databank files before conversion.

**Note:** Remember, if you skip these steps, your Release 6.6 Databank files may *not* be current with your Release 6.3 Databank files.

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.3 environment to perform Inbound EDI Databank Maintenance (EDID351). You can do this by executing **Transaction ID EDI5** or schedule **option 405** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.3 environment to perform Change Audit Maintenance (EDID552) for Inbound EDI. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Customize JCL member **CNDRE63I**.

- After these maintenance transactions have successfully completed, submit JCL member **CNDRE63I**.

### Step 9e

Convert Outbound EDI Databank files.

**Note:** Skip this step if you are *not* using the Outbound EDI Databank and proceed to **Step 9f**.

The following tasks, which you will be executing in your Release 6.3 CICS environment, are intended to clean up your Release 6.3 Outbound EDI Databank files before conversion.

**Note:** Remember, if you skip these steps, your Release 6.6 Databank files may *not* be current with your Release 6.3 Databank files.

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.3 environment to perform Outbound EDI Databank Maintenance (EDID251). You can do this by executing **Transaction ID EDI4** or schedule **option 404** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.3 environment to perform Change Audit Maintenance (EDID552) for the Outbound EDI. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.3 Technical Reference Guide* for more information.

- Customize JCL member **CNDRE63O**.

- After these maintenance transactions have successfully completed, submit JCL member **CNDRE63O**.

**Step 9f** Verify Databank Subsystem conversion.

Check the box next to each task as you complete it.

- Enable the following files in the Release 6.6 CICS environment:
  - SIMRIAA      • SIMRIEL      • SIMROAS      • SIMRARCH
  - SIMRIACA    • SIMRIES      • SIMROEA      • SIMRARIA
  - SIMRIAS      • SIMROAA      • SIMROECA     • SIMRARIE
  - SIMRIEA      • SIMROACA     • SIMROES      • SIMRAROA
  - SIMRIECA    • SIMROAL      • SIMOLF        • SIMRAROE
  - SIMRNRC
  
- View the converted directory records, both inbound and outbound, on the Interchange Directory (EDIM254) to verify successful conversion.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or Chapter 5) for more information.
  
- View the converted message store records on the Interchange Display screen (EDIM256) to verify successful conversion.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or Chapter 5) for more information.
  
- Verify that the link correctly functions between the EDI Databanks and Application Databanks by reviewing the Message Store on the Use the Document Display.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or 5) for more information.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 10** Convert the remaining Sterling Gentran:Realtime files.

In this step, you will convert the remaining Sterling Gentran:Realtime files, including the Online Control, Request, Activity, Exception, and Separator files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNRTE63**.
- If you had previously installed Sterling Gentran:Control and if you wish to retain information from its separator control file, swap the **CTLIN DD** statement in the step that merges the separator control files so it is merged with the files from Sterling Gentran:Basic and Sterling Gentran:Realtime.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMCKP      • SIMQ098      • SIMRDBP      • SIMRMNS
  - SIMOCF      • SIMQ099      • SIMREQ      • SIMRSEP
  - SIMQ092      • SIMRAPF      • SIMRHBP      • SIMRSUM
  - SIMQ096      • SIMRDAR      • SIMRMNH
- Submit JCL member **CNRTE63**.
- Verify job results. You should not receive any return codes greater than **0**.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMCKP      • SIMQ098      • SIMRDBP      • SIMRMNS
  - SIMOCF      • SIMQ099      • SIMREQ      • SIMRSEP
  - SIMQ092      • SIMRAPF      • SIMRHBP      • SIMRSUM
  - SIMQ096      • SIMRDAR      • SIMRMNH

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 11** Convert the JCL files.

To convert the JCL files to Release 6.6 format, you will need to do the following:

- Unload the EDIRCL file
- Migrate the sequential JCL
- Load JCL to the EDIRCL file

**Step 11a** Unload the EDIRJCL file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **EXECJCLR** and submit. This job reads your EDIRJCL file and generates a report that lists all of the JCL members contained on this file.

**Note:** You must change the **EDIRJCL DD** statement in STEP01 to reference your Sterling Gentran:Realtime Release 6.3 EDIRJCL file.

- Review the report created by **EXECJCLR**. You will use the names listed on this report in the next steps to unload the EDIRJCL file.

**Note:** JCL members EXECRPTM, EXEC006O, EXEC036O, EXEC306, *SIMJACK*, and *SIMJRPT* (where *SIM* is your system image) are used by the Sterling Gentran:Realtime system. You should customize the Release 6.6 JCL members **EXECRPTM**, **EXEC006O**, **EXEC036O**, **EXEC306**, **EXECACK**, and **EXECRPT** and use them rather than unload and migrate your previous members.

- Customize JCL member **UNLDJCL**. Read the comments within the JCL member and follow additional instructions.

**Note:** You must change the **EDIRJCL DD** statement in STEP02 to reference your Sterling Gentran:Realtime Release 6.3 EDIRJCL file.

- Replace ##### with the JCL name to be unloaded.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 0.
- Repeat the previous four tasks in this step for each JCL name listed on the report created above.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11b** Migrate the sequential JCL to Release 6.6.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review and update each sequential JCL file created by **Step 11a**.

Typical changes that may be needed include:

- Data set name changes for new file names
- Data set name changes for new load libraries
- Addition of new files
- Deletion of files/DD statements
- DCB changes

For a complete list of JCL changes, see the JCL Impact section of the following documents:

- *IBM® Sterling Gentran for z/OS® Release 6.4 Release Notes and Impact Information*
- *IBM® Sterling Gentran for z/OS® Release 6.5 Release Notes and Impact Information*
- *IBM® Sterling Gentran for z/OS® Release 6.6 Release Notes and Impact Information*

- Execute a Syntax check on each customized JCL member to reduce the chance of errors during processing.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11c** Load JCL to Release 6.6 EDIRJCL file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Close and disable the **SIMRJCL** file in the Release 6.6 CICS environment.
- Customize JCL member **EXECJCLX** and submit by performing the following:
  - Provide the data set name for the sequential JCL member to be processed in the **SEQJCL DD** statements.
  - Update the **ADD** parameter card with the JCL name being processed by this run.

**Note:** Use the system image (as indicated in your Pre-installation Worksheet) for the first three characters of each JCL name except for member **EXEC306**, which does not change.

- Verify that the job completed with a return code of **0**.
- Repeat the previous two tasks in this step for each sequential JCL file created and modified above.
- Enable the **SIMRJCL** file in the Release 6.6 CICS environment.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 12** Convert the Queue files.

This step deletes and redefines the queue files. Each queue file will be formatted and initialized, and entries for the queue file created in the Checkpoint file.

**Note:** Queue file conversion involves executing the Queue Format program to build Release 6.6 versions of your current queue files. Make a list of your current queue files and their sizes to use when redefining the new Release 6.6 queue files.

*Typically performed by:* System Installer

There is no actual conversion of the Queue files, therefore no data is copied from your previous Queue files. This step simply deletes, redefines, and initializes the new Queue files.

Check the box next to each task as you complete it.

- Customize JCL member **EXECQMT**.
- If necessary, close and disable the **SIMQnnn** file in the Release 6.6 CICS environment.
- Submit the **EXECQMT** job.
- Verify that the job completed with a return code of **0**.
- If necessary, define and install the **SIMQnnn** file in the CICS System Definition file of the Release 6.6 CICS environment.
- Open and enable the **SIMQnnn** file in the Release 6.6 CICS environment.
- Repeat the tasks in this step for each queue file you need to convert.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 13**      Modify system image and program image.

If you are using system and/or program images that are not the same as you used previously, you must follow the instructions in the “Modifying Sterling Gentran:Realtime Files” step in Appendix B, “System Image and Program Image Features,” to ensure that the queue options, separator options, schedule options, and path options reflect the values that you have chosen to use.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**You have now completed the conversion process.**

## Converting the Release 6.4 Files to Release 6.6 Formats

This section describes the tasks required to convert your files from Sterling Gentran:Realtime for z/OS Release 6.4 to IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 formats.

### Converting Sterling Gentran:Basic Files

**Note:** If Sterling Gentran:Basic is installed on your system, skip this section and proceed to “Converting Sterling Gentran:Realtime Files” on page 6-40.

**Step 1** Convert the Sterling Gentran:Basic portion of the System Configuration file.

**Note:** The configuration records for other products will be converted at the time of their installation.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNCFG64**.
- Close and disable the **SIMCFG** file in the Release 6.6 CICS environment.
- Submit the **CNCFG64** job.
- After the job has successfully completed, enable the **SIMCFG** file in the Release 6.6 CICS environment.

Proceed to **Step 2**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2** Convert the Partner subsystem.

In this step you will convert the following files:

- Partner
- Partner Inbound Control
- Partner Outbound Control

*Typically performed by:* System Installer

Complete one of the following:

- If you are converting the entire contents of the Release 6.4 Partner and Control number files to Release 6.6, perform **Step 2a**.
- If you are performing incremental conversion (for example, converting only part of the records at this time), perform **Step 2b** and **Step 2c**.

**Note:** To incrementally stage your conversions, you must be able to identify and direct your data to the appropriate release of Sterling Gentran:Realtime. You can accomplish this using the Separator function.

See the IBM® Sterling Gentran:Control® *User Guide* for more information.

**Step 2a** Convert the entire Partner subsystem.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRT64**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRT64** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB

Proceed to **Step 2d**.

**Step 2b** Prepare empty VSAM for incremental conversion of the Partner subsystem.

This step deletes and redefines the Partner subsystem and only needs to be performed once.

**Note:** If you have already submitted CNPRT64, skip **Step 2b** and **Step 2c**.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRTDEF**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRTDEF** job.
- Verify successful completion.

Proceed to **Step 2c**.

**Step 2c** Incrementally Convert Partner subsystem files.

**Note:** Repeat this step as often as needed.

Check the box next to each task as you complete it.

- Customize the JCL member **CNPRT64P**. Enter a parameter for each partner to be converted or specify a range of partners for conversion.

**Note:** If you are using the Partner/Qualifier or Mixed processing mode, you will specify Partner IDs and Qualifiers on the parameters.

If you are using Relationship processing mode, you will specify User and Partner IDs on the parameters.

- If necessary, close and disable the following files in the Release 6.6. CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRT64P** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB

Proceed to **Step 2d**.



**Step 2d** Convert the Partner Cross-reference file.

**Note:** If you are using the Relationship processing mode, skip this step and proceed to **Step 2e**.

Check the box next to each task as you complete it.

- Customize JCL member **CNXRF64**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPREF
  - SIMPREF1
- Submit the **CNXRF64** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPREF
  - SIMPREF1

Proceed to **Step 3**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2e** Convert Partner Relationship file.

**Note:** If you are not using the Relationship processing mode, skip this step and proceed to **Step 3**.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRL64**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPREL
  - SIMPREL1
- Submit the **CNPRL64** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPREL
  - SIMPREL1

Proceed to **Step 3**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 3** Convert the Standards subsystem.

**Note:** As of **D 00A** for EDIFACT and **004030** for ASC X12, repeating data elements are part of the standard. If you plan to use the Repeating Element feature, we recommend that you reload these versions from your Release 6.6 standards.

In this step, you will convert the following files:

- Version
- Transaction
- Segment
- Segment Description
- Element
- Element Description
- Dictionary
- Activity
- Code (four files)
- Association

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNSTD64**.
- Close and disable the following Standards files in the Release 6.6 CICS environment:
  - SIMSACT      • SIMSCD3      • SIMSELE      • SIMSVER
  - SIMSASC      • SIMSCD4      • SIMSSEG
  - SIMSCD1      • SIMSDIC      • SIMSSGD
  - SIMSCD2      • SIMSELD      • SIMSTRN
- Submit the **CNSTD64** job.
- After the job has successfully completed, enable the following Standards files in the Release 6.6 CICS environment:
  - SIMSACT      • SIMSCD3      • SIMSELE      • SIMSVER
  - SIMSASC      • SIMSCD4      • SIMSSEG
  - SIMSCD1      • SIMSDIC      • SIMSSGD
  - SIMSCD2      • SIMSELD      • SIMSTRN

Proceed to **Step 4**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 4** Create the Optimized Standards Table file.

The Optimized Standards Table file is a VSAM data set that is used by the inbound and outbound Editor programs to perform EDI compliance checking. The information to build this file is extracted from the online Standards files.

**Note:** You must run this job each time you make changes to the Standards files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- In the Standards Maintenance subsystem, navigate to the Transactions in Use screen and select the version and transaction parameter value combinations that meet your requirements.

**Note:** You do not need to reset previously set parameter values.

- Customize and submit JCL member **EXEC030**.

Proceed to **Step 5**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 5** Convert the Security subsystem.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNSEC64**.
- Close and disable the **SIMSECR** file in the CICS Release 6.6 environment.
- Submit the **CNSEC64** job.
- After the job has successfully completed, enable the **SIMSECR** file in the Release 6.6 CICS environment.

Proceed to **Step 6**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 6** Convert the Mapping subsystem.

In this step, you will convert the following files:

- Application Header
- Application Fields
- Application Records
- Application Link
- Transaction Header
- Transaction Segments
- Transaction Elements
- Code Definition
- Code Translation
- Data Translation
- Data Validation

*Typically performed by:* System Installer

Complete one of the following:

- If you are converting the entire contents of the Release 6.4 mapping files, code tables, and application files to Release 6.6, perform the tasks in **Step 6b**.
- If you are incrementally converting Release 6.4 mapping files to Release 6.6, you must complete one cycle of **Step 6b** through **Step 6f**.

**Note:** To incrementally stage your conversions, you must be able to identify and direct your data to the appropriate release of Sterling Gentran:Realtime. You can accomplish this using the Separator function.

See the IBM® Sterling Gentran:Control® *User Guide* for more information.

**Step 6a** Convert the entire Mapping subsystem.

Check the box next to each task as you complete it.

- Customize JCL member **CNMAP64**.
- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1
- Submit the **CNMAP64** job.

- Enable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

Proceed to **Step 7**.

**Step 6b**

Prepare empty VSAM files for incremental conversion.

**Note:** If you have already executed **CNMAP64**, skip this step and proceed to **Step 7**.

Check the box next to each task as you complete it.

- To prepare for the incremental conversion, define empty Release 6.6 Application, Transaction, and Code VSAM files by customizing JCL member **CNMAPDEF**.

**Note:** You only need to perform this task once.

- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

- Submit the **CNMAPDEF** job.

After the job has successfully completed, proceed to **Step 6c**.

**Step 6c**

Incrementally convert application files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP64A** for the format of the parameters used.

- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPFL1
  - SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR

- Enter a parameter for each application to convert, or specify a range of Application IDs for conversion SYS030, and then submit the **CNMAP64A** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6c** as often as needed.

- After the job has successfully completed, enable these files in the Release 6.6 CICS environment:

- SIMAPFL      • SIMAPFL1
- SIMAPHD      • SIMAPRC
- SIMAPR1      • SIMAPTR

Proceed to **Step 6d**.

**Step 6d**

Incrementally convert code files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP64C** for the format of parameters used. Enter a parameter for each code table to convert, or specify a range of code Table IDs for conversion.

- Close and disable the following files in the Release 6.6 CICS environment:

- SIMCDCD      • SIMCDC1
- SIMCDDA      • SIMCDDF
- SIMCDD1      • SIMCDVL

- Submit the **CNMAP64C** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6d** as often as needed.

- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:

- SIMCDCD      • SIMCDC1
- SIMCDDA      • SIMCDDF
- SIMCDD1      • SIMCDVL

Proceed to **Step 6e**.

**Step 6e**

Incrementally convert transaction files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP64T** for the format of parameters used. Enter a parameter for each Transaction ID to convert, or specify a range of Transaction IDs for conversion.

- Close and disable the following files in the Release 6.6 CICS environment:

- SIMTREL      • SIMTRE1
- SIMTRHD      • SIMTRSG
- SIMTRS1

- Submit the **CNMAP64T** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6e** as often as needed.

- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:

- SIMTREL      • SIMTRE1
- SIMTRHD     • SIMTRSG
- SIMTRS1

Proceed to **Step 6f**.

**Step 6f**

Build and populate alternate indexes.

Performing this step builds and populates the alternate keys for Release 6.6 application, codes, and transaction files. Repeat this step as often as needed.

**Note:** You should only perform this step once during the cycle for **Step 6b** through **Step 6f**. You can skip this step if you have successfully completed it.

At least one record must be written to each of the mapping VSAM files. Review the conversion reports to confirm that record counts are greater than 0.

Check the box next to each task as you complete it.

- Customize JCL member **CNMAPAIX**.

- Close and disable the following Mapping files in the Release 6.6 CICS environment:

- SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
- SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
- SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
- SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
- SIMTRS1

- Submit the **CNMAPAIX** job.

- After the job has successfully completed, enable the following Mapping files in the Release 6.6 CICS environment:

- SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
- SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
- SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
- SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
- SIMTRS1

Proceed to **Step 7**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



**Step 7** Convert the Error Message file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNMSG64**.
- Close and disable the **SIMERRC** file to the Release 6.6 CICS environment.
- Submit the **CNMSG64** job.
- After the job has successfully completed, enable the **SIMERRC** file in your Release 6.6 CICS environment.

Proceed to **Step 8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Converting Sterling Gentran:Realtime Files**

**Step 8** Convert the Sterling Gentran:Realtime portion of the System Configuration file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNCFG64R**.
- Close and disable the **SIMCFG** file in the Release 6.6 CICS environment.
- Submit the **CNCFG64R** job.
- After the job has successfully completed, enable the **SIMCFG** file in the Release 6.6 CICS environment.

Proceed to **Step 9**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 9** Convert the Sterling Gentran:Realtime Databank subsystem.

Before converting to Release 6.6, you must update Release 6.4 Databank files. The files to update and convert include the following:

- Directory
- Message Store
- Change Audit
- Link
- Archive

This step of the conversion process is divided into substeps. The following table describes where each substep begins.

If you are converting...	See step...
<b>Convert files to Release 6.6</b>	
• Miscellaneous Databank files	<b>Step 9a</b>
<b>Application Databank files</b>	
• Inbound application databank only	<b>Step 9b</b>
• Outbound application databank only	<b>Step 9c</b>
<b>EDI Databank files</b>	
• Inbound EDI databank only	<b>Step 9d</b>
• Outbound EDI databank only	<b>Step 9e</b>

First, review Release 6.4 Databank files in your Release 6.4 CICS environment to make sure all outstanding maintenance and processing are complete before proceeding with your databank conversion.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review the **Exception Processing** records. You can do this by viewing the Exception Processing Directory (EDIM850). If it contains data, then it should be reprocessed or deleted.

For more information about the Exception processing see the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 User Guide*.

- Review **Q92, Q96, Q98, and Q99**. These are the miscellaneous queues used for scheduled print reports, network and reported status, acknowledgement input and output. If data is in these queues, they should be processed before proceeding with the conversion. Contact IBM Customer Support.
- Process Acknowledgement Reconciliation to clear the **EDIRDAR** file. You can do this by processing transaction **EDI7**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information about this process.

- Before running these conversions, close and disable the following databank files in the Release 6.6 CICS environment:

- SIMRIAA      • SIMRIEL      • SIMROAS      • SIMRARCH
- SIMRIACA    • SIMRIES      • SIMROEA      • SIMRARIA
- SIMRIAS      • SIMROAA      • SIMROECA      • SIMRARIE
- SIMRIEA      • SIMROACA    • SIMROES      • SIMRAROA
- SIMRIECA    • SIMROAL      • SIMOLF        • SIMRAROE
- SIMRNRC

**Step 9a** Convert miscellaneous databank files.

Check the box next to each task as you complete it.

- Customize and submit JCL member **CNDBMR**.
- Verify successful completion.

**Note:** Step 4 of this job will reinitialize the Network Reconciliation File (EDINRC) with the seed file. If you wish to retain the previous contents of the file, change the data set name for the SEQNRC DD statement to your file before submitting the job.

**Step 9b** Convert Inbound Application Databank files.

**Note:** Skip this step if you are *not* using the Inbound Application Databank, and proceed to **Step 9c**.

The following tasks, which you will be executing in your Release 6.4 CICS environment, are intended to clean up your Release 6.4 Inbound Application Databank files before conversion.

**Note:** **Remember, if you skip these steps, your Release 6.6 databank files may *not* be current with your Release 6.4 databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.4 environment to perform Inbound Application Databank Maintenance (EDID451). You can do this by executing **Transaction ID EDI6** or schedule **option 406** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.4 environment to perform Change Audit Maintenance (EDID552) for the Inbound Application Housekeeping. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.

- Customize JCL member **CNDRA64I**.
- After these maintenance transactions have successfully completed, submit the **CNDRA64I** job.

**Step 9c** Convert Outbound Application Databank files.

**Note:** Skip this step if you are *not* using the Outbound Application Databank and proceed to **Step 9d**.

The following tasks, which you will be executing in your Release 6.4 CICS environment, are intended to clean up your Release 6.4 Outbound Application Databank files before conversion.

**Note: Remember, if you skip these steps, your Release 6.6 databank files may *not* be current with your Release 6.4 databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.4 environment to perform Outbound Application Databank Maintenance (EDID151). You can do this by executing **Transaction ID EDI3** or schedule **option 403** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.4 environment to perform Change Audit Maintenance (EDID552) for the Outbound Application Housekeeping. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.

- Customize JCL member **CNDRA64O**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRA64O**.

**Step 9d** Convert Inbound EDI Databank files.

**Note:** Skip this step if you are *not* using the Inbound EDI Databank and proceed to **Step 9e**.

The following tasks, which you will be executing in your Release 6.4 CICS environment, are intended to clean up your Release 6.4 Inbound EDI Databank files before conversion.

**Note: Remember, if you skip these steps, your Release 6.6 Databank files may *not* be current with your Release 6.4 Databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.4 environment to perform Inbound EDI Databank Maintenance (EDID351). You can do this by executing **Transaction ID EDI5** or schedule **option 405** provided with your product.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.
- Execute CICS transaction in your 6.4 environment to perform Change Audit Maintenance (EDID552) for Inbound EDI. You can do this by executing **Transaction ID EDIG**.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.
- Customize JCL member **CNDRE64I**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRE64I**.

**Step 9e** Convert Outbound EDI Databank files.

**Note:** Skip this step if you are *not* using the Outbound EDI Databank and proceed to **Step 9f**.

The following tasks, which you will be executing in your Release 6.4 CICS environment, are intended to clean up your Release 6.4 Outbound EDI Databank files before conversion.

**Note: Remember, if you skip these steps, your Release 6.6 Databank files may *not* be current with your Release 6.4 Databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.4 environment to perform Outbound EDI Databank Maintenance (EDID251). You can do this by executing **Transaction ID EDI4** or schedule **option 404** provided with your product.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.
- Execute CICS transaction in your Release 6.4 environment to perform Change Audit Maintenance (EDID552) for the Outbound EDI. You can do this by executing **Transaction ID EDIG**.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.4 Technical Reference Guide* for more information.
- Customize JCL member **CNDRE64O**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRE64O**.

**Step 9f** Verify Databank Subsystem conversion.

Check the box next to each task as you complete it.

- Enable the following files in the Release 6.6 CICS environment:
  - SIMRIAA      • SIMRIEL      • SIMROAS      • SIMRARCH
  - SIMRIACA    • SIMRIES      • SIMROEA      • SIMRARIA
  - SIMRIAS      • SIMROAA      • SIMROECA      • SIMRARIE
  - SIMRIEA      • SIMROACA    • SIMROES      • SIMRAROA
  - SIMRIECA    • SIMROAL      • SIMOLF        • SIMRAROE
  - SIMRNRC
  
- View the converted directory records, both inbound and outbound, on the Interchange Directory (EDIM254) to verify successful conversion.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or Chapter 5) for more information.
  
- View the converted message store records on the Interchange Display screen (EDIM256) to verify successful conversion.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or Chapter 5) for more information.
  
- Verify that the link correctly functions between the EDI Databanks and Application Databanks by reviewing the Message Store on the Use the Document Display.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or 5) for more information.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 10** Convert the remaining Sterling Gentran:Realtime files.

In this step, you will convert the remaining Sterling Gentran:Realtime files, including the Online Control, Request, Activity, Exception, and Separator files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNRTE64**.
- If you had previously installed Sterling Gentran:Control and if you wish to retain information from its separator control file, swap the **CTLIN DD** statement in the step that merges the separator control files so it is merged with the files from Sterling Gentran:Basic and Sterling Gentran:Realtime.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMCKP      • SIMQ098      • SIMRDBP      • SIMRSEP
  - SIMOCF      • SIMQ099      • SIMREQ      • SIMRSUM
  - SIMOCHA      • SIMQCHA      • SIMRHBP
  - SIMQ092      • SIMRAPF      • SIMRMNH
  - SIMQ096      • SIMRDAR      • SIMRMNS
- Submit JCL member **CNRTE64**.
- Verify job results. You should not receive any return codes greater than **0**.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMCKP      • SIMQ098      • SIMRDBP      • SIMRSEP
  - SIMOCF      • SIMQ099      • SIMREQ      • SIMRSUM
  - SIMOCHA      • SIMQCHA      • SIMRHBP
  - SIMQ092      • SIMRAPF      • SIMRMNH
  - SIMQ096      • SIMRDAR      • SIMRMNS

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 11** Convert the JCL files.

To convert the JCL files to Release 6.6 format, you will need to do the following:

- Unload the EDIRCL file – **Step 11a**
- Migrate the sequential JCL – **Step 11b**
- Load JCL to the EDIRCL file – **Step 11c**

**Step 11a** Unload the EDIRJCL file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **EXECJCLR** and submit. This job reads your EDIRJCL file and generates a report that lists all of the JCL members contained on this file.

**Note:** You must change the **EDIRJCL DD** statement in STEP01 to reference your Sterling Gentran:Realtime Release 6.4 EDIRJCL file.

- Review the report created by **EXECJCLR**. You will use the names listed on this report in the next steps to unload the EDIRJCL file.

**Note:** JCL members EXECRPTM, EXEC006O, EXEC036O, EXEC306, *SIMJACK*, and *SIMJRPT* (where *SIM* is your system image) are used by the Sterling Gentran:Realtime system. You should customize the Release 6.6 JCL members **EXECRPTM**, **EXEC006O**, **EXEC036O**, **EXEC306**, **EXECACK**, and **EXECRPT** and use them rather than unload and migrate your previous members.

- Customize JCL member **UNLDJCL**. Read the comments within the JCL member and follow additional instructions.

**Note:** You must change the **EDIRJCL DD** statement in STEP02 to reference your Sterling Gentran:Realtime Release 6.4 EDIRJCL file.

- Replace ##### with the JCL name to be unloaded.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 0.
- Repeat the previous four tasks in this step for each JCL name listed on the report created above.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11b** Migrate the sequential JCL to Release 6.6.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

Review and update each sequential JCL file created by **Step 11a**.

Typical changes that may be needed include:

- Data set name changes for new file names
- Data set name changes for new load libraries
- Addition of new files
- Deletion of files/DD statements
- DCB changes

For a complete list of JCL changes, see the JCL Impact section of the following documents:

- *IBM® Sterling Gentran for z/OS® Release 6.5 Release Notes and Impact Information*
- *IBM® Sterling Gentran for z/OS® Release 6.6 Release Notes and Impact Information*

Execute a Syntax check on each customized JCL member to reduce the chance of errors during processing.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11c** Load JCL to Release 6.6 EDIRJCL file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Close and disable the **SIMRJCL** file in the Release 6.6 CICS environment.
- Customize JCL member **EXECJCLX** and submit by performing the following:
  - Provide the data set name for the sequential JCL member to be processed in the **SEQJCL DD** statements.
  - Update the **ADD** parameter card with the JCL name being processed by this run.
- Note:** Use the system image (as indicated in your Pre-installation Worksheet) for the first three characters of each JCL name except for member **EXEC306**, which does not change.
- Verify that the job completed with a return code of **0**.
- Repeat the previous two tasks in this step for each sequential JCL file created and modified above.
- Enable the **SIMRJCL** file in the Release 6.6 CICS environment.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 12** Convert the Queue files.

This step deletes and redefines the queue files. Each queue file will be formatted and initialized, and entries for the queue file created in the Checkpoint file.

**Note:** Queue file conversion involves executing the Queue Format program to build Release 6.6 versions of your current queue files. Make a list of your current queue files and their sizes to use when redefining the new Release 6.6 queue files.

*Typically performed by:* System Installer

There is no actual conversion of the Queue files, therefore no data is copied from your previous Queue files. This step simply deletes, redefines, and initializes the new Queue files.

Check the box next to each task as you complete it.

- Customize JCL member **EXECQMT**.
- If necessary, close and disable the **SIMQnnn** file in the Release 6.6 CICS environment.
- Submit the **EXECQMT** job.
- Verify that the job completed with a return code of **0**.
- If necessary, define and install the **SIMQnnn** file in the CICS System Definition file of the Release 6.6 CICS environment.
- Open and enable the **SIMQnnn** file in the Release 6.6 CICS environment.
- Repeat the tasks in this step for each queue file you need to convert.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 13**      Modify system image and program image.

If you are using system and/or program images that are not the same as you used previously, you must follow the instructions in the “Modifying Sterling Gentran:Realtime Files” step in Appendix B, “System Image and Program Image Features,” to ensure that the queue options, separator options, schedule options, and path options reflect the values that you have chosen to use.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**You have now completed the conversion process.**

## Converting the Release 6.5 Files to Release 6.6 Formats

This section describes the tasks required to convert your files from Sterling Gentran:Realtime for z/OS Release 6.5 to IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 formats.

### Converting Sterling Gentran:Basic Files

**Note:** If Sterling Gentran:Basic is installed on your system, skip this section and proceed to “Converting Sterling Gentran:Realtime Files” on page 6-64.

**Step 1** Convert the Sterling Gentran:Basic portion of the System Configuration file.

**Note:** The configuration records for other products will be converted at the time of their installation.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNCFG65**.
- Close and disable the **SIMCFG** file in the Release 6.6 CICS environment.
- Submit the **CNCFG65** job.
- After the job has successfully completed, enable the **SIMCFG** file in the Release 6.6 CICS environment.

Proceed to **Step 2**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2** Convert the Partner subsystem.

In this step you will convert the following files:

- Partner
- Partner Inbound Control
- Partner Outbound Control

*Typically performed by:* System Installer

Complete one of the following:

- If you are converting the entire contents of the Release 6.5 Partner and Control number files to Release 6.6, perform **Step 2a**.
- If you are performing incremental conversion (for example, converting only part of the records at this time), perform **Step 2b** and **Step 2c**.

**Note:** To incrementally stage your conversions, you must be able to identify and direct your data to the appropriate release of Sterling Gentran:Realtime. You can accomplish this using the Separator function.

See the IBM® Sterling Gentran:Control® Release 6.5 User Guide for more information.

**Step 2a** Convert the entire Partner subsystem.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRT65**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRT65** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB

Proceed to **Step 2d**.

**Step 2b** Prepare empty VSAM for incremental conversion of the Partner subsystem.

This step deletes and redefines the Partner subsystem and only needs to be performed once.

**Note:** If you have already submitted **CNPRT65**, skip **Step 2b** and **Step 2c**.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRTDEF**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRTDEF** job.
- Verify successful completion.

Proceed to **Step 2c**.

**Step 2c** Incrementally Convert Partner subsystem files.

**Note:** Repeat this step as often as needed.

Check the box next to each task as you complete it.

- Customize the JCL member **CNPRT65P**. Enter a parameter for each partner to be converted or specify a range of partners for conversion.

**Note:** If you are using the Partner/Qualifier or Mixed processing mode, you will specify Partner IDs and Qualifiers on the parameters.

If you are using Relationship processing mode, you will specify User and Partner IDs on the parameters.

- If necessary, close and disable the following files in the Release 6.6. CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB
- Submit the **CNPRT65P** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPART
  - SIMPOTB
  - SIMPINB

Proceed to **Step 2d**.



**Step 2d** Convert the Partner Cross-reference file.

**Note:** If you are using the Relationship processing mode, skip this step and proceed to **Step 2e**.

Check the box next to each task as you complete it.

- Customize JCL member **CNXRF65**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPREF
  - SIMPREF1
- Submit the **CNXRF65** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPREF
  - SIMPREF1

Proceed to **Step 3**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2e** Convert Partner Relationship file.

**Note:** If you are not using the Relationship processing mode, skip this step and proceed to **Step 3**.

Check the box next to each task as you complete it.

- Customize JCL member **CNPRL65**.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMPREL
  - SIMPREL1
- Submit the **CNPRL65** job.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMPREL
  - SIMPREL1

Proceed to **Step 3**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 3** Convert the Standards subsystem.

**Note:** As of **D 00A** for EDIFACT and **004030** for ASC X12, repeating data elements are part of the standard. If you plan to use the Repeating Element feature, we recommend that you reload these versions from your Release 6.6 standards.

In this step, you will convert the following files:

- Version
- Transaction
- Segment
- Segment Description
- Element
- Element Description
- Dictionary
- Activity
- Code (four files)
- Association

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNSTD65**.
- Close and disable the following Standards files in the Release 6.6 CICS environment:
  - SIMSACT      • SIMSCD3      • SIMSELE      • SIMSVER
  - SIMSASC      • SIMSCD4      • SIMSSEG
  - SIMSCD1      • SIMSDIC      • SIMSSGD
  - SIMSCD2      • SIMSELD      • SIMSTRN
- Submit the **CNSTD65** job.
- After the job has successfully completed, enable the following Standards files in the Release 6.6 CICS environment:
  - SIMSACT      • SIMSCD3      • SIMSELE      • SIMSVER
  - SIMSASC      • SIMSCD4      • SIMSSEG
  - SIMSCD1      • SIMSDIC      • SIMSSGD
  - SIMSCD2      • SIMSELD      • SIMSTRN

Proceed to **Step 4**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 4** Create the Optimized Standards Table file.

The Optimized Standards Table file is a VSAM data set that is used by the inbound and outbound Editor programs to perform EDI compliance checking. The information to build this file is extracted from the online Standards files.

**Note:** You must run this job each time you make changes to the Standards files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- In the Standards Maintenance subsystem, navigate to the Transactions in Use screen and select the version and transaction parameter value combinations that meet your requirements.

**Note:** You do not need to reset previously set parameter values.

- Customize and submit JCL member **EXEC030**.

Proceed to **Step 5**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 5** Convert the Security subsystem.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNSEC65**.
- Close and disable the **SIMSECR** file in the CICS Release 6.6 environment.
- Submit the **CNSEC65** job.
- After the job has successfully completed, enable the **SIMSECR** file in the Release 6.6 CICS environment.

Proceed to **Step 6**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 6** Convert the Mapping subsystem.

In this step, you will convert the following files:

- Application Header
- Application Fields
- Application Records
- Application Link
- Transaction Header
- Transaction Segments
- Transaction Elements
- Code Definition
- Code Translation
- Data Translation
- Data Validation

*Typically performed by:* System Installer

Complete one of the following:

- If you are converting the entire contents of the Release 6.5 mapping files, code tables, and application files to Release 6.6, perform the tasks in **Step 6b**.
- If you are incrementally converting Release 6.5 mapping files to Release 6.6, you must complete one cycle of **Step 6b** through **Step 6f**.

**Note:** To incrementally stage your conversions, you must be able to identify and direct your data to the appropriate release of Sterling Gentran:Realtime. You can accomplish this using the Separator function.

See the *IBM® Sterling Gentran:Control® for z/OS® Release 6.5 User Guide* for more information.

**Step 6a** Convert the entire Mapping subsystem.

Check the box next to each task as you complete it.

- Customize JCL member **CNMAP65**.
- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1
- Submit the **CNMAP65** job.

- Enable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

Proceed to **Step 7**.

**Step 6b**

Prepare empty VSAM files for incremental conversion.

**Note:** If you have already executed **CNMAP65**, skip this step and proceed to **Step 7**.

Check the box next to each task as you complete it.

- To prepare for the incremental conversion, define empty Release 6.6 Application, Transaction, and Code VSAM files by customizing JCL member **CNMAPDEF**.

**Note:** You only need to perform this task once.

- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

- Submit the **CNMAPDEF** job.

After the job has successfully completed, proceed to **Step 6c**.

**Step 6c**

Incrementally convert application files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP65A** for the format of the parameters used.

- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPFL1
  - SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR

- Enter a parameter for each application to convert, or specify a range of Application IDs for conversion SYS030, and then submit the **CNMAP65A** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6c** as often as needed.

- After the job has successfully completed, enable these files in the Release 6.6 CICS environment:

- SIMAPFL      • SIMAPFL1
- SIMAPHD      • SIMAPRC
- SIMAPR1      • SIMAPTR

Proceed to **Step 6d**.

**Step 6d**

Incrementally convert code files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP65C** for the format of parameters used. Enter a parameter for each code table to convert, or specify a range of code Table IDs for conversion.

- Close and disable the following files in the Release 6.6 CICS environment:

- SIMCDCD      • SIMCDC1
- SIMCDDA      • SIMCDDF
- SIMCDD1      • SIMCDVL

- Submit the **CNMAP65C** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6d** as often as needed.

- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:

- SIMCDCD      • SIMCDC1
- SIMCDDA      • SIMCDDF
- SIMCDD1      • SIMCDVL

Proceed to **Step 6e**.

**Step 6e**

Incrementally convert transaction files.

Check the box next to each task as you complete it.

- Review the comments in JCL member **CNMAP65T** for the format of parameters used. Enter a parameter for each Transaction ID to convert, or specify a range of Transaction IDs for conversion.

- Close and disable the following files in the Release 6.6 CICS environment:

- SIMTREL      • SIMTRE1
- SIMTRHD      • SIMTRSG
- SIMTRS1

- Submit the **CNMAP65T** job.

**Note:** After completing one cycle of **Step 6b** through **Step 6f**, you can repeat **Step 6e** as often as needed.

- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMTREL      • SIMTRE1
  - SIMTRHD     • SIMTRSG
  - SIMTRS1

Proceed to **Step 6f**.

**Step 6f**

Build and populate alternate indexes.

Performing this step builds and populates the alternate keys for Release 6.6 application, codes, and transaction files. Repeat this step as often as needed.

**Note:** You should only perform this step once during the cycle for **Step 6b** through **Step 6f**. You can skip this step if you have successfully completed it.

At least one record must be written to each of the mapping VSAM files. Review the conversion reports to confirm that record counts are greater than 0.

Check the box next to each task as you complete it.

- Customize JCL member **CNMAPAIX**.
- Close and disable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1
- Submit the **CNMAPAIX** job.
- After the job has successfully completed, enable the following Mapping files in the Release 6.6 CICS environment:
  - SIMAPFL      • SIMAPF1      • SIMAPHD      • SIMAPRC
  - SIMAPR1      • SIMAPTR      • SIMCDCD      • SIMCDC1
  - SIMCDDA      • SIMCDDF      • SIMCDD1      • SIMCDVL
  - SIMTREL      • SIMTRE1      • SIMTRHD      • SIMTRSG
  - SIMTRS1

Proceed to **Step 7**.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



**Step 7** Convert the Error Message file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNMSG65**.
- Close and disable the **SIMERRC** file to the Release 6.6 CICS environment.
- Submit the **CNMSG65** job.
- After the job has successfully completed, enable the **SIMERRC** file in your Release 6.6 CICS environment.

Proceed to **Step 8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Converting Sterling Gentran:Realtime Files

**Step 8** Convert the Sterling Gentran:Realtime portion of the System Configuration file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNCFG65R**.
- Close and disable the **SIMCFG** file in the Release 6.6 CICS environment.
- Submit the **CNCFG65R** job.
- After the job has successfully completed, enable the **SIMCFG** file in the Release 6.6 CICS environment.

Proceed to **Step 9**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 9** Convert the Sterling Gentran:Realtime Databank subsystem.

Before converting to Release 6.6, you must update Release 6.5 Databank files. The files to update and convert include the following:

- Directory
- Message Store
- Change Audit
- Link
- Archive

This step of the conversion process is divided into substeps. The following table describes where each substep begins.

If you are converting...	See step...
<b>Convert files to Release 6.6</b>	
• Miscellaneous Databank files	<b>Step 9a</b>
<b>Application Databank files</b>	
• Inbound application databank only	<b>Step 9b</b>
• Outbound application databank only	<b>Step 9c</b>
<b>EDI Databank files</b>	
• Inbound EDI databank only	<b>Step 9d</b>
• Outbound EDI databank only	<b>Step 9e</b>

First, review Release 6.5 Databank files in your Release 6.5 CICS environment to make sure all outstanding maintenance and processing are complete before proceeding with your databank conversion.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review the **Exception Processing** records. You can do this by viewing the Exception Processing Directory (EDIM850). If it contains data, then it should be reprocessed or deleted.

For more information about the Exception processing see the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 User Guide*.

- Review **Q92, Q96, Q98, and Q99**. These are the miscellaneous queues used for scheduled print reports, network and reported status, acknowledgement input and output. If data is in these queues, they should be processed before proceeding with the conversion. Contact IBM Customer Support.
- Process Acknowledgement Reconciliation to clear the **EDIRDAR** file. You can do this by processing transaction **EDI7**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information about this process.

- Before running these conversions, close and disable the following databank files in the Release 6.6 CICS environment:

- SIMRIAA      • SIMRIEL      • SIMROAS      • SIMRARCH
- SIMRIACA    • SIMRIES      • SIMROEA      • SIMRARIA
- SIMRIAS      • SIMROAA      • SIMROECA      • SIMRARIE
- SIMRIEA      • SIMROACA    • SIMROES      • SIMRAROA
- SIMRIECA    • SIMROAL      • SIMOLF        • SIMRAROE
- SIMRNRC

**Step 9a** Convert miscellaneous databank files.

Check the box next to each task as you complete it.

- Customize and submit JCL member **CNDBMR**.
- Verify successful completion.

**Note:** Step 4 of this job will reinitialize the Network Reconciliation File (EDINRC) with the seed file. If you wish to retain the previous contents of the file, change the data set name for the SEQNRC DD statement to your file before submitting the job.

**Step 9b** Convert Inbound Application Databank files.

**Note:** Skip this step if you are *not* using the Inbound Application Databank, and proceed to **Step 9c**.

The following tasks, which you will be executing in your Release 6.5 CICS environment, are intended to clean up your Release 6.5 Inbound Application Databank files before conversion.

**Note:** **Remember, if you skip these steps, your Release 6.6 databank files may *not* be current with your Release 6.5 databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.5 environment to perform Inbound Application Databank Maintenance (EDID451). You can do this by executing **Transaction ID EDI6** or schedule **option 406** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.5 environment to perform Change Audit Maintenance (EDID552) for the Inbound Application Housekeeping. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.

- Customize JCL member **CNDRA65I**.
- After these maintenance transactions have successfully completed, submit the **CNDRA65I** job.

### Step 9c Convert Outbound Application Databank files.

**Note:** Skip this step if you are *not* using the Outbound Application Databank and proceed to **Step 9d**.

The following tasks, which you will be executing in your Release 6.5 CICS environment, are intended to clean up your Release 6.5 Outbound Application Databank files before conversion.

**Note: Remember, if you skip these steps, your Release 6.6 databank files may *not* be current with your Release 6.5 databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your Release 6.5 environment to perform Outbound Application Databank Maintenance (EDID151). You can do this by executing **Transaction ID EDI3** or schedule **option 403** provided with your product.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.

- Execute CICS transaction in your Release 6.5 environment to perform Change Audit Maintenance (EDID552) for the Outbound Application Housekeeping. You can do this by executing **Transaction ID EDIG**.

See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.

- Customize JCL member **CNDRA65O**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRA65O**.

### Step 9d Convert Inbound EDI Databank files.

**Note:** Skip this step if you are *not* using the Inbound EDI Databank and proceed to **Step 9e**.

The following tasks, which you will be executing in your Release 6.5 CICS environment, are intended to clean up your Release 6.5 Inbound EDI Databank files before conversion.

**Note: Remember, if you skip these steps, your Release 6.6 Databank files may *not* be current with your Release 6.5 Databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your *Release 6.5* environment to perform Inbound EDI Databank Maintenance (EDID351). You can do this by executing **Transaction ID EDI5** or schedule **option 405** provided with your product.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.
- Execute CICS transaction in your Release 6.5 environment to perform Change Audit Maintenance (EDID552) for Inbound EDI. You can do this by executing **Transaction ID EDIG**.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.
- Customize JCL member **CNDRE65I**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRE65I**.

**Step 9e**

Convert Outbound EDI Databank files.

**Note:** Skip this step if you are *not* using the Outbound EDI Databank and proceed to **Step 9f**.

The following tasks, which you will be executing in your Release 6.5 CICS environment, are intended to clean up your Release 6.5 Outbound EDI Databank files before conversion.

**Note:** **Remember, if you skip these steps, your Release 6.6 Databank files may *not* be current with your Release 6.5 Databank files.**

Check the box next to each task as you complete it.

- Execute CICS transaction in your *Release 6.5* environment to perform Outbound EDI Databank Maintenance (EDID251). You can do this by executing **Transaction ID EDI4** or schedule **option 404** provided with your product.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.
- Execute CICS transaction in your Release 6.5 environment to perform Change Audit Maintenance (EDID552) for the Outbound EDI. You can do this by executing **Transaction ID EDIG**.  
  
See the “Databank Utilities” chapter in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.5 Technical Reference Guide* for more information.
- Customize JCL member **CNDRE65O**.
- After these maintenance transactions have successfully completed, submit JCL member **CNDRE65O**.

**Step 9f** Verify Databank Subsystem conversion.

Check the box next to each task as you complete it.

- Enable the following files in the Release 6.6 CICS environment:
  - SIMRIAA      • SIMRIEL      • SIMROAS      • SIMRARCH
  - SIMRIACA    • SIMRIES      • SIMROEA      • SIMRARIA
  - SIMRIAS      • SIMROAA      • SIMROECA      • SIMRARIE
  - SIMRIEA      • SIMROACA    • SIMROES      • SIMRAROA
  - SIMRIECA    • SIMROAL      • SIMOLF        • SIMRAROE
  - SIMRNRC
  
- View the converted directory records, both inbound and outbound, on the Interchange Directory (EDIM254) to verify successful conversion.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or Chapter 5) for more information.
  
- View the converted message store records on the Interchange Display screen (EDIM256) to verify successful conversion.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or Chapter 5) for more information.
  
- Verify that the link correctly functions between the EDI Databanks and Application Databanks by reviewing the Message Store on the Use the Document Display.
 

See the appropriate installation verification chapter for your installation (Chapter 4 or 5) for more information.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 10** Convert the remaining Sterling Gentran:Realtime files.

In this step, you will convert the remaining Sterling Gentran:Realtime files, including the Online Control, Request, Activity, Exception, and Separator files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **CNRTE65**.
- If you had previously installed Sterling Gentran:Control and if you wish to retain information from its separator control file, swap the **CTLIN DD** statement in the step that merges the separator control files so it is merged with the files from Sterling Gentran:Basic and Sterling Gentran:Realtime.
- Close and disable the following files in the Release 6.6 CICS environment:
  - SIMCKP      • SIMQ098      • SIMRDBP      • SIMRSEP
  - SIMOCF      • SIMQ099      • SIMREQ      • SIMRSUM
  - SIMOCHA      • SIMQCHA      • SIMRHBP      • SIMRACK0
  - SIMQ092      • SIMRAPF      • SIMRMNH
  - SIMQ096      • SIMRDAR      • SIMRMNS
- Submit JCL member **CNRTE65**.
- Verify job results. You should not receive any return codes greater than **0**.
- After the job has successfully completed, enable the following files in the Release 6.6 CICS environment:
  - SIMCKP      • SIMQ098      • SIMRDBP      • SIMRSEP
  - SIMOCF      • SIMQ099      • SIMREQ      • SIMRSUM
  - SIMOCHA      • SIMQCHA      • SIMRHBP      • SIMRACK0
  - SIMQ092      • SIMRAPF      • SIMRMNH
  - SIMQ096      • SIMRDAR      • SIMRMNS

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 11** Convert the JCL files.

To convert the JCL files to Release 6.6 format, you will need to do the following:

- Unload the EDIRCL file – **Step 11a**
- Migrate the sequential JCL – **Step 11b**
- Load JCL to the EDIRCL file – **Step 11c**

**Step 11a** Unload the EDIRJCL file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **EXECJCLR** and submit. This job reads your EDIRJCL file and generates a report that lists all of the JCL members contained on this file.

**Note:** You must change the **EDIRJCL DD** statement in STEP01 to reference your Sterling Gentran:Realtime Release 6.5 EDIRJCL file.

- Review the report created by **EXECJCLR**. You will use the names listed on this report in the next steps to unload the EDIRJCL file.

**Note:** JCL members EXECRPTM, EXEC006O, EXEC036O, EXEC306, *SIMJACK*, and *SIMJRPT* (where *SIM* is your system image) are used by the Sterling Gentran:Realtime system. You should customize the Release 6.6 JCL members **EXECRPTM**, **EXEC006O**, **EXEC036O**, **EXEC306**, **EXECACK**, and **EXECRPT** and use them rather than unload and migrate your previous members.

- Customize JCL member **UNLDJCL**. Read the comments within the JCL member and follow additional instructions.

**Note:** You must change the **EDIRJCL DD** statement in STEP02 to reference your Sterling Gentran:Realtime *Release 6.5* EDIRJCL file.

- Replace ##### with the JCL name to be unloaded.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than 0.
- Repeat the previous four tasks in this step for each JCL name listed on the report created above.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11b** Migrate the sequential JCL to Release 6.6.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

Review and update each sequential JCL file created by **Step 11a**.

Typical changes that may be needed include:

- Data set name changes for new file names
- Data set name changes for new load libraries
- Addition of new files
- Deletion of files/DD statements
- DCB changes

For a complete list of JCL changes, see the JCL Impact section of the following documents:

- *IBM® Sterling Gentran for z/OS® Release 6.6 Release Notes and Impact Information*

Execute a Syntax check on each customized JCL member to reduce the chance of errors during processing.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11c** Load JCL to Release 6.6 EDIRJCL file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Close and disable the **SIMRJCL** file in the Release 6.6 CICS environment.
- Customize JCL member **EXECJCLX** and submit by performing the following:
  - Provide the data set name for the sequential JCL member to be processed in the **SEQJCL DD** statements.
  - Update the **ADD** parameter card with the JCL name being processed by this run.

**Note:** Use the system image (as indicated in your Pre-installation Worksheet) for the first three characters of each JCL name except for member **EXEC306**, which does not change.
- Verify that the job completed with a return code of **0**.
- Repeat the previous two tasks in this step for each sequential JCL file created and modified above.
- Enable the **SIMRJCL** file in the Release 6.6 CICS environment.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 12** Convert the Queue files.

This step deletes and redefines the queue files. Each queue file will be formatted and initialized, and entries for the queue file created in the Checkpoint file.

**Note:** Queue file conversion involves executing the Queue Format program to build Release 6.6 versions of your current queue files. Make a list of your current queue files and their sizes to use when redefining the new Release 6.6 queue files.

*Typically performed by:* System Installer

There is no actual conversion of the Queue files, therefore no data is copied from your previous Queue files. This step simply deletes, redefines, and initializes the new Queue files.

Check the box next to each task as you complete it.

- Customize JCL member **EXECQMT**.
- If necessary, close and disable the **SIMQnnn** file in the Release 6.6 CICS environment.
- Submit the **EXECQMT** job.
- Verify that the job completed with a return code of **0**.
- If necessary, define and install the **SIMQnnn** file in the CICS System Definition file of the Release 6.6 CICS environment.
- Open and enable the **SIMQnnn** file in the Release 6.6 CICS environment.
- Repeat the tasks in this step for each queue file you need to convert.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 13**      Modify system image and program image.

If you are using system and/or program images that are not the same as you used previously, you must follow the instructions in the “Modifying Sterling Gentran:Realtime Files” step in Appendix B, “System Image and Program Image Features,” to ensure that the queue options, separator options, schedule options, and path options reflect the values that you have chosen to use.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**You have now completed the conversion process.**



# Migrating to Relationship Processing Mode

## Overview

This chapter introduces the process of migrating trading partners from Partner/Qualifier processing mode to Relationship processing mode. In addition, the chapter describes the steps that are required for the migration process. We recommend that you review this chapter before you perform the migration. After reviewing the steps, be sure to perform them sequentially.

This chapter is divided into two sets of steps. The first set of steps is for customers who are new to Sterling Gentran and want to process using Relationship mode. The second set of steps is for existing Sterling Gentran customers who are migrating to Relationship mode.

This chapter contains the following topics:

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## Relationship Mode Processing

### Introduction

To successfully process and exchange EDI data with trading partners, Sterling Gentran requires specific information about each trading partner. Whether intra-company or inter-company in nature, you must define and maintain all trading partner relationships through a partner profile in Sterling Gentran on the Partner Maintenance subsystem. This process is known as defining the partner relationship.

### Processing Modes

You can define the partner processing relationship in either of two modes:

- **The *Partner/Qualifier* mode**  
Partner/Qualifier mode enables you to define a partner profile for each trading partner entity. This includes each entity within your organization and each external trading partner. The two separate partner profiles form a loosely coupled relationship at run time. After run time completion, the relationship no longer exists.

With this method, each trading partner can be used in multiple relationships, so it is convenient when multiple entities within your organization share common trading partners.

- **The *Relationship* mode**  
Relationship mode enables you to address unique considerations for your trading partners and to set up only *one* partner profile for multiple entities, creating a more closely coupled relationship. Each relationship is uniquely defined on the partner profile in a user/partner format. In addition to further defining your relationship, you can maintain the relationship after run time completion.

**Note:** You can select and maintain *either* processing mode through the Configuration subsystem.

See the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for more information about setting up partner profiles and processing modes.

### The Benefits of Relationship Mode Processing

If you are setting up a partner profile for a trading partner with one-to-many or many-to-many relationships, you will benefit from using the Relationship processing methodology. For example, your trading partner may require identification of multiple entities within its organization, such as divisions, departments, groups, or locations, when exchanging EDI data. Using Relationship processing mode, you can set up a partner profile to include information that is unique to that association (such as Receiver ID, control numbers, contacts, data separation, and rejection).



## Choosing to Process in Relationship Mode

New and existing Sterling Gentran:Realtime customers can choose to set up their trading partners using Relationship processing mode. Existing customers must *migrate* trading partners from the existing processing mode.

Before migrating, existing customers should consider the following:

- *Customers using the **Mixed** mode:*  
The Mixed mode maintains the partner file in Partner/Qualifier mode and the databanks are maintained in Relationship mode.
- *Customers using **Partner/Qualifier** mode:*  
The Migration process does not support the migration of databanks. Therefore, existing databank information will be lost. You will need to create new databanks if you elect to migrate to the Relationship mode.

## Before You Begin

Before beginning the migration process for partner relationship, new customers should have completed the verification process outlined in this guide.

Existing customers should have completed the verification *and* conversion processes outlined in this guide. To ensure accurate setup, make sure that you have performed parallel testing using your converted Release 6.6 production system. Processing flows in your Release 6.6 system should be parallel with your previous system.

## Migration Process for New Customers

When migrating from Partner/Qualifier mode to Relationship mode, you should complete the steps in “Migrating: New Sterling Gentran Customers” on page 7-6. These steps define the Partner, Inbound Control, Outbound Control, Partner Relationship, and Database files, which seed the relationship default records, and convert your system configuration and CICS region to partner relationship.

## Migration Process for Existing Customers

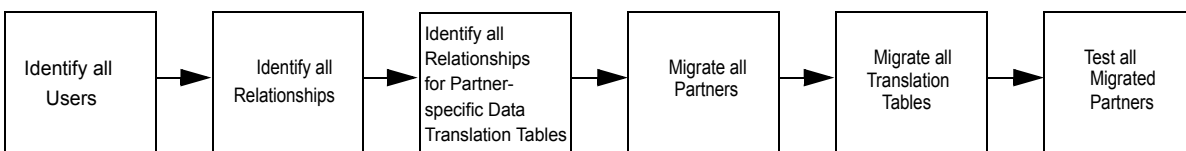
When migrating your partners to Relationship mode, you have two migration options from which to choose. You can migrate *all* of your trading partners at one time or you can migrate trading partners in groups determined by you (see “Migrating the Partner File” on page 7-43 for steps to perform the migration process).

We recommend that you set up a separate CICS system image for Relationship mode (see “Establishing the Online Environment” in Chapter 3 of this guide for steps to set up a separate CICS system image). This will allow you to view and confirm the results of your migrations. On the Configuration Maintenance (EDIM231) screen, you will need to set the Trading Profile Mode flag on Configuration Record 0 to **R** for this image (see Appendix B for additional CICS system image instructions).

## Migration Process Illustrations

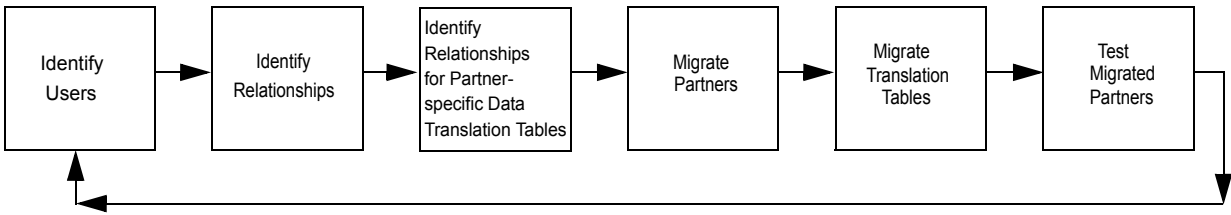
### *Migrating All Trading Partners*

This illustration outlines the steps you need to perform when migrating all partners at one time.



### *Migrating Trading Partner in Groups*

This illustration outlines the steps you will need to repeat until all of your partners have been migrated.



## Migrating: New Sterling Gentran Customers

**Note:** If you are an existing Sterling Gentran customer, proceed to “Migrating: Existing Sterling Gentran Customers” on page 7-15.

**Step 1** Prepare for migration.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Before running the migration process, close and disable the files listed below, where SIM represents your three-character system image in your Release 6.6 CICS environment. These files include:

Partner files:

- SIMPART
- SIMPINB
- SIMPOTB

Sterling Gentran:Basic databank files (if installed):

- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| • SIMQ091 | • SIMIECA | • SIMIEP  | • SIMQ093 |
| • SIMIAA  | • SIMIEL  | • SIMIES  | • SIMOECA |
| • SIMIACA | • SIMIAS  | • SIMQO97 | • SIMOAL  |
| • SIMIAP  | • SIMQ095 | • SIMOEA  | • SIMOEP  |
| • SIMOLF  | • SIMOAA  | • SIMOAP  | • SIMOES  |
| • SIMIEA  | • SIMOACA | • SIMOAS  | • SIMNRC  |

Sterling Gentran:Realtime databank files:

- |            |            |            |            |
|------------|------------|------------|------------|
| • SIMRIAA  | • SIMRIEA  | • SIMROAS  | • SIMROES  |
| • SIMRIAS  | • SIMRIES  | • SIMROACA | • SIMROECA |
| • SIMRIACA | • SIMRIECA | • SIMRAROA | • SIMRAROE |
| • SIMRARIA | • SIMRARIE | • SIMROAL  | • SIMRARCH |
| • SIMRIEL  | • SIMROAA  | • SIMROEA  | • SIMRNRC  |

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Define Partner and Partner Relationship Files

**Step 2** Customize JCL member **DEFPARTR** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change space allocations, as needed.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Define Sterling Gentran:Basic Databanks

**Step 3** Customize JCL member **DEFDB** and submit.

**(Optional)** Complete this step *only* if Sterling Gentran:Basic is installed.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change space allocations, as needed.

See the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide* for calculation information.

- Change data set names as required by your installation. Consider the following:
  - Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Basic files are identified with **VSAM** as the third node of the data set name.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Define Sterling Gentran:Realtime Databanks

**Step 4** Customize JCL member **DEFDBRTE** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change space allocations, as needed.

See the *IBM® Sterling Gentran:Realtime® for z/OS® Technical Reference Guide* for calculation information.

- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the fourth node of the data set name.
  - Temporary Sterling Gentran:Realtime files are identified with **SEQ** as the third node of the data set name. You may delete these files after installation is complete.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Add Partner Relationship File to CICS

**Step 5** Customize JCL member **PRFRDOF**. This member contains the CICS resource definitions for the Partner Relationship file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on your Pre-installation Worksheet in Chapter 2.
- Each definition contains the **DSNAME** parameter to specify the names of the data sets to be allocated for the files. You may remove these parameters and instead specify the files using DD statements in the CICS startup JCL.  

If you elect to retain the **DSNAME** parameters, you must globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

If you elect to remove the **DSNAME** parameters, JCL member **PRFCICS** contains DD statements that you may use. You must globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2. You must also globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.
- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- Review local shared resource Pool IDs for your system. To manage overhead, most Sterling Gentran:Basic files are assigned to LSR pools. Files that cannot be installed in a pool use the **LSRPOOLID (NONE)** parameter in the definitions.
- If you are installing into an MRO environment, you will need to uncomment the **KEYLENGTH** and **RECORDSIZE** parameters for each resource definition.  

You may also need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the file resides.

In addition, if you are creating a unique group name for each MRO region, you will need to create a duplicate JCL member for each unique group name.
- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 6**

Customize JCL member **DEFPRF**. This member contains the job to define the Partner Relationship file resources in the CICS System Definition file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change data set names **YOUR.CICS.SDFHLOAD** and **YOUR.CICS.DFHCS** as required by your installation.
- Change data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**).
- If you are installing into an MRO environment, you may need to run this job multiple times depending on whether or not you are sharing the CSD file among regions and whether or not you are using different group names in each region. If you do need to run the DEFPRF job multiple times, modify the CSD file name, group name, and/or JCL member name to meet your needs.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 7** Remove the Partner Cross-reference file and install the Partner Relationship file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

Back up the Partner Cross-reference file to a sequential file and delete the VSAM file.

Log on to your CICS region as required within your environment to access the CEDA transaction. When you have finished, clear the screen.

Type the following commands to delete the resources for the Cross-reference file, substituting your three-character system image for **SIM** and substituting your group name for **GENBSC** (if you changed it from **GENBSC**).

**CEDA DELETE FILE (SIMPREF) GROUP (GENBSC)**

**CEDA DELETE FILE (SIMPREF1) GROUP (GENBSC)**

Check for the **Delete Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

If you specified these files to your CICS using DD statements in the CICS startup JCL, the DD statements must also be removed.

Type the following commands to install the resources for the Partner Relationship file, substituting your three-character system image for **SIM** and substituting your group name for **GENBSC** (if you changed it from **GENBSC**).

**CEDA INSTALL FILE (SIMPREL) GROUP (GENBSC)**

**CEDA INSTALL FILE (SIMPREL1) GROUP (GENBSC)**

Check for the **Install Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

These members require JCL changes:

- EXEC005                      • EXEC017
- EXEC006                      • EXEC019
- EXEC011A                    • EXEC087
- EXEC011M

For each member listed above, make the following JCL changes:

- Delete all DD statements referencing  
**GENTRAN.V6X6.VSAM.PARTNER.XREF** and  
**GENTRAN.V6X6.VSAM.PARTNER.XREF.PATH.**
- Uncomment DD statements referencing  
**GENTRAN.V6X6.VSAM.PARTREL** and  
**GENTRAN.V6X6.VSAM.PARTREL.PATH.**

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Step 8** Update the System Configuration to relationship mode.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Enable all files in the Release 6.6 CICS environment.
- On the Sterling Gentran Main Menu, type **4** to select Administrative Maintenance and press **Enter**.
- From the Administrative Main Menu (EDIM210), type **3** to select the Configuration Directory (EDIM230) and press **Enter**.  
**Note:** You can also display the Configuration Directory by typing **4.3** in the Jump Code field.
- Type an **s** in the A (Action code) field next to Record Type **0** (Online Processing Options) and press **PF5=Id Maint** to display the Configuration Maintenance screen (EDIM231). Press **PF5=More Opts** to list more options.
- Type an **R** (for Relationship) in the Trading Profile Mode field and press **PF10=Updt** to update the system.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



---

## Migrating: Existing Sterling Gentran Customers

### Define Partner Relationship Migration Files

The migration process requires you to create three work VSAM files: User file, Partner Relationship Conversion file, and Data Translation Migration file. The following step provides instructions for creating these three files. **Do not delete the files until you have completed the migration process.**

**Note:** If you are a new Sterling Gentran customer, you may skip the rest of this chapter.

**Step 1** Customize JCL member **DEFPCNV** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change space allocations, as needed.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 2** Customize JCL member **DEFDTCNV** and submit.

**(Optional)**

**Note:** Complete this step *only* if you use partner-specific Data Translation tables in the mapping process.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

---

## Install CICS Components for Relationship Mode Processing

Before converting from Partner/Qualifier mode to Relationship mode, you must install the necessary components to perform the migration process into your current CICS environment. In this section, you will install and customize JCL and then verify its setup. Steps are also included for customers who have elected to set up a separate CICS system image for Relationship mode.

To install CICS components for partner relationship migration into your current Release 6.6 CICS environment, you need full access to the following items:

- The CICS System Definition file DFHCSD
- The CICS Offline Utility program DFHCSDUP
- The CICS Resource Definition Online transaction CEDA
- The CICS Master Terminal transaction CEMT

It is assumed that a functional CICS region exists and that the system installer has full authorization to access the region and use these items.

**Step 3** Customize JCL member **PRMRDOF**. This member contains the CICS resource definitions for the Partner Relationship Migration files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- If you skipped **Step 2**, remove the definition for the Data Translation Migration file **SIMTCNV**.
- Globally change the value **SIM** to the three-character system image specified on your Pre-installation Worksheet in Chapter 2.
- Each definition contains the **DSNAME** parameter to specify the names of the data sets to be allocated for the files. You may remove these parameters and instead specify the files using DD statements in the CICS startup JCL.

If you elect to retain the **DSNAME** parameters, you must globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

If you elect to remove the **DSNAME** parameters, JCL member **PRMCICS** contains DD statements that you may use. You must globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2. You must also globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

- Review local shared resource Pool IDs for your system. To manage overhead, most Sterling Gentran:Basic files are assigned to LSR pools. Files that cannot be installed in a pool use the **LSRPOOLID (NONE)** parameter in the definitions.

- If you are installing into an MRO environment, you will need to uncomment the **KEYLENGTH** and **RECORDSIZE** parameters for each resource definition.

You may also need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the file resides.

In addition, if you are creating a unique group name for each MRO region, you will need to create a duplicate JCL member for each unique group name.

- Read the comments within the JCL member and follow additional instructions.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_



**Step 4** Customize JCL member **PRMRDOPM**.*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- All Partner Relationship Migration CICS applications are identified in this member. Programs and BMS mapsets are included.
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation Worksheet in Chapter 2.
- Read the comments within the JCL member and follow additional instructions.

**Completed by:** \_\_\_\_\_**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 5**

Customize JCL member **DEFPRM**. This member contains the job to define the Partner Relationship Migration resources in the CICS System Definition file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change data set names **YOUR . CICS . SDFHLOAD** and **YOUR . CICS . DFHCSD** as required by your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN . V6X6**).
- If you are defining the Partner Relationship Migration CICS resources in an existing group, you must comment out or remove the **DELETE** step in the JCL. Otherwise, your existing group will be deleted.
- If you are installing into an MRO environment, you may need to run this job multiple times depending on whether or not you are sharing the CSD file among the regions and whether or not you are using different group names in each region. If you do need to run the DEFPRM job multiple times, modify the CSD file name, group name, and/or JCL member names to meet your needs.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 6**

Customize JCL member **PRMNAME**. This job will copy and rename all Partner Relationship Migration online CICS programs to reflect the program image.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOL=SER=** to an appropriate volume serial number used at your installation.
- Change the data set names as required by your installation. Change only the first two index levels (**GENTRAN.V6X6**).
- Globally change the value **PIM** to the three-character program image specified on the Pre-installation worksheet in Chapter 2.
- Read the comments within the JCL and follow any additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than 0.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 7** Install the CICS group.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Log on to CICS as required within your environment to access the CEDA transaction. When you have finished, clear the screen.
- Type the following command to dynamically install the resources. Press **Enter** to invoke the command.

**CEDA INSTALL GROUP (GENCVBSC)**

Check for the **Install Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

- If you defined the Partner Relationship Migration CICS resources in an existing group that is already specified in a list of groups that CICS installs at startup, you may skip the remainder of this step.
- Type the following command to permanently add the group to a list of groups that CICS installs at startup. Substitute your list name for the value **LISTNAME** in the command. Press **Enter** to invoke the command.

**CEDA ADD GROUP (GENCVBSC) LIST (LISTNAME)**

Check for the **Add Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 8** Verify the CICS group.

The following commands can be used to confirm a successful installation. Use them to compare each resource to the input in JCL members PRMRDOF and PRMRDOPM as appropriate.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Type the following command to display all the resources in the group. Press **Enter** to invoke the command.

```
CEDA DISPLAY GROUP (GENCVBSC)
```

Review each entry displayed on the screen. When you have finished, press **PF3**, and then clear the screen.

- Type the following commands to enable all files used by migration. Change the value **SIM** to your three-character system image specified on the Pre-Installation Worksheet in Chapter 2.

```
CEMT SET FILE (SIMUSER) OPE ENA – Partner User  
CEMT SET FILE (SIMPCNV*) OPE ENA – Partner Conversion  
CEMT SET FILE (SIMTCNV) OPE ENA – Data Translation Migration
```

This is an important step in verification. All partner relationship migration files must be available to CICS before you can continue. If a file allocation problem occurs, check your CICS system log and file definitions. You must resolve all problems.

- Type the following command to load all programs and mapsets. Change the value **PIM** to your three-character program image specified on the Pre-Installation Worksheet in Chapter 2.

```
CEMT SET PROGRAM (PIM*) NEW
```

If a program fails to load, most likely an error occurred in the virtual system resources or library concatenation. All online programs and mapsets must be available to CICS before you can continue.

- Review each entry displayed on the screen. When you have finished, press **PF3** and then clear the screen.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Set Up Separate Partial CICS System Image for Relationship Mode

In Chapter 3 of this guide, “Installing Sterling Gentran:Realtime,” you created a CICS image for Release 6.6. This image is configured for either Partner/Qualifier mode or Mixed mode, based on the setting of your system Configuration Record Type 0 (On-line Processing Options).

We recommend that you create another CICS image (a system image of **REL** is suggested) to allow you to verify the results of the migration of your Partner/Qualifier partners to Relationship partners. This image must be configured for the Relationship mode to enable you to review the files created during the migration, as well as the databank and partner updates that will occur during parallel testing. Running parallel tests between your Release 6.6 Partner/Qualifier – Mixed mode system and your newly migrated Release 6.6 Relationship mode system is important to ensure proper setup.

**Step 9** Allocate the files for Relationship mode migration – Customize JCL member **CNRELN** and submit.

This job will build the Partner, Inbound Control, Outbound Control, Partner Relationship, and System Configuration files for the Relationship mode migration.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **xxxxxx** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- In Step11 of JCL member **CNRELN**, change the data set name of **INFILE** to match the Configuration file of your base Release 6.6 system (Partner/Qualifier or Mixed mode). This will seed your Release 6.6 Relationship image configuration file that is created in this job with the settings from your base Release 6.6 system.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 10** Customize JCL member **DEFDBRTE** and submit. This job will build databank files for the Relationship Mode migration.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text strings **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change space allocations, as needed.

See the *IBM® Sterling Gentran:Realtime® for z/OS® Technical Reference Guide* for calculation information.

- Change data set names as required by your installation. Consider the following:
  - Change only the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
  - Permanent Sterling Gentran:Realtime files are identified with **VSAM** as the fourth node of the data set name.
- To create separate databank files for your Relationship testing, change the data set name as follows:
  - **GENTRAN.V6X6.RTE.VSAM.EDI.EDIRxxx**  
to  
**GENTRAN.V6X6.RTE.VSAM.REL.EDIRxxx**
  - **GENTRAN.V6X6.RTE.VSAM.EDI.ARCHxxx**  
to  
**GENTRAN.V6X6.RTE.VSAM.REL.ARCHxxx**
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than 8.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 11** Customize JCL member **CNDTRN** and submit. This job will build code tables for the Relationship Mode migration.

**Note:** You must complete this step even if you do not use partner-specific data translation tables in the mapping process.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 12** Set up a Relationship CICS system image.

This system image will be a partial image used to test the results of your migrated partners/qualifier partners to relationship partners. Special partner, databank, code files, and configuration files were created in **Step 9** through **Step 11** in this section.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Complete the steps in “Establishing the Online Environment” (in Chapter 3 of this guide) to set up a separate CICS system image for the Relationship mode. You should complete all of the steps in that section.
- To reflect the files created in **Step 9** through **Step 11**, change the data set names in the FCT entries for the following files:
  - Partner
  - Inbound Control
  - Outbound Control
  - System Configuration
  - All Databank
  - Code Define
  - Code Data
  - Code Valid
  - Code Codes

**Note:** See Appendix B, “System Image and Program Image Features,” in this guide for more information.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 13**

Customize JCL member **PRFRDOF**. This member contains the CICS resource definitions for the Partner Relationship file that needs to be added to the Relationship mode CICS image that was created in **Step 12** of this section.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review each definition for your site requirements.
- Globally change the value **SIM** to the three-character system image specified on your Pre-installation Worksheet in Chapter 2.
- Each definition contains the **DSNAME** parameter to specify the names of the data sets to be allocated for the files. You may remove these parameters and instead specify the files using DD statements in the CICS startup JCL.

If you elect to retain the **DSNAME** parameters, you must globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

If you elect to remove the **DSNAME** parameters, JCL member **PRFCICS** contains DD statements that you may use. You must globally change the value **SIM** to the three-character system image specified on the Pre-installation Worksheet in Chapter 2. You must also globally change the data set name high-level qualifier **GENTRAN.V6X6** to the value specified on the Pre-installation Worksheet in Chapter 2.

- If you changed the CICS Group Name on the Pre-installation Worksheet in Chapter 2 from the default value **GENBSC**, globally change the value in the **GROUP** parameter in each definition to the value you are using.
- Review local shared resource Pool IDs for your system. To manage overhead, most Sterling Gentran:Basic files are assigned to LSR pools. Files that cannot be installed in a pool use the **LSRPOOLID (NONE)** parameter in the definitions.
- If you are installing into an MRO environment, you will need to uncomment the **KEYLENGTH** and **RECORDSIZE** parameters for each resource definition.

You may also need to uncomment the **REMOTESYSTEM (NAME)** parameter for each resource and change the value **NAME** to the 4-character alphanumeric name of the CICS region where the file resides.

In addition, if you are creating a unique group name for each MRO region, you will need to create a duplicate JCL member for each unique group name.

- Read the comments within the JCL member and follow additional instructions.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Step 14** Customize JCL member **DEFPRF**. This member contains the job to define the Partner Relationship file resources in the CICS System Definition file.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change data set names **YOUR . CICS . SDFHLOAD** and **YOUR . CICS . DFHCSD** as required by your installation.
- Change data set names as required by your installation. Change only the first two index levels (**GENTRAN . V6X6**).
- If you are installing into an MRO environment, you may need to run this job multiple times depending on whether or not you are sharing the CSD file among regions and whether or not you are using different group names in each region. If you do need to run the DEFPRF job multiple times, modify the CSD file name, group name, and/or JCL member name to meet your needs.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **0**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 15** Update the System Configuration to relationship mode.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Enable all files in the Release 6.6 CICS environment.
- On the Sterling Gentran Main Menu, type **4** to select the Administrative Maintenance subsystem, and press **Enter**.
- From the Administrative Main Menu (EDIM210), type **3** to select the Configuration Directory (EDIM230) and press **Enter**.
- Type an **S** in the A (Action code) field next to Record Type **0** (Online Processing Options) and press **PF5=Id Maint** to display the Configuration Maintenance screen (EDIM231). Press **PF5=More Opts** again to list more options.
- Type an **R** (for Relationship) in the Trading Profile Mode field and press **PF10=Updt** to update the system.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 16** Verify the Partner Relationship installation.*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Configuration Maintenance screen (EDIM231), type **1.1** in the Jump Code field and press **Enter** to display the Partner Directory screen (EDIM010).

```

Select
EDIM010 1.1_____          PARTNER DIRECTORY          XXX  06/01/2011
                                                                12:00:00

Starting User .....: _____
Partner ...: _____

A User          Partner          User Name          Partner Name          U
_ !!!GENTRAN-RU1 !!!GENTRAN-RP1  GENTRAN RESERVED US  GENTRAN RESERVED PAR  N
_ YOUR COMPANY  THEIR COMPANY  YOUR COMPANY NAME    THEIR COMPANY NAME    N
_ YOUR COMPANY  VENDOR-1      YOUR COMPANY NAME    VENDOR-1 NAME        N
_ YOUR COMPANY  VENDOR-2      YOUR COMPANY NAME    VENDOR-2 NAME        N
_ YOUR COMPANY  VENDOR-3      YOUR COMPANY NAME    VENDOR-3 NAME        N
_ YOUR COMPANY  VENDOR-4      YOUR COMPANY NAME    VENDOR-4 NAME        N
_ YOUR COMPANY  VENDOR-5      YOUR COMPANY NAME    VENDOR-5 NAME        N
_ YOUR COMPANY  VENDOR-6      YOUR COMPANY NAME    VENDOR-6 NAME        N
_
_
_
_
_
END OF PARTNERS
Enter PF1=Help          PF3=Exit          PF5=Maint
PF7=Bwd  PF8=Fwd

```

See Chapter 2, “The Partner Subsystem,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for a complete screen description.

- To verify correct installation, ensure that your screen looks the like the screen above.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Identifying Relationships

**Note:** This section continues the migration steps for existing Sterling Gentran customers only.

### Trading Partners

In this section, you will identify the users and partners that make up your trading partner relationships using your base Release 6.6 system (Partner/Qualifier or Mixed mode). Then, you will perform steps for maintaining these relationships during migration from Partner/Qualifier mode to Relationship mode.

In previous steps, you installed a set of screens for partner migration in Sterling Gentran:Basic. These screens enable you to select, review, and update User ID and Partner ID records that make up trading partner relationships. To access these screens, confirm that you have set up the appropriate security permission to use the Partner Migration subsystem. See Chapter 5, “The Administration Subsystem,” in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for information about security setup and complete screen descriptions.

**Step 17** Access the Partner Migration Menu.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **4.5** in the Jump Code field and press **Enter** to display the Partner Migration Menu (EDIY100).

**Note:** You can also display the Partner Migration Menu from the Administrative Main Menu by typing **5** to select Relationship Conversion and pressing **Enter**.

```

EDIY100 4.5 _____ PARTNER MIGRATION MENU          XXX   06/01/2011
                                                12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

_ 1. User Selection
   2. User Maintenance
   3. Partner Selection
   4. Relationship Maintenance
   5. Data Translation Table Directory
   6. Data Table Migration Selection
   7. Data Table Migration Maintenance

Enter PF1=Help          PF3=Exit
  
```

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 18**

Identify the users.

The User Selection screen provides a list of records from which you can select Partner IDs that you want to identify for the *user* portion of a trading partner relationship. After you have identified your Partner IDs using the Select function, the system highlights them when displaying them on the screens. The system maintains partners that are selected until the completion of the migration process; therefore, users migrating partners in groups can return to selections as often as needed.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Partner Migration Menu, type **1** in the selection field and press **Enter** to display the User Selection (EDIY200) screen.

**Note:** You can also display the User Selection screen from the any Sterling Gentran:Basic screen by typing **4 . 5 . 1** in the Jump Code field and pressing **Enter**.

```

Select
EDIY200 4.5.1_____          USER SELECTION          XXX   06/01/2011
                                   12:00:00

Starting Partner Id: AAA WAREHOUSE CO 11_____

A Partner                          Qual Name
- AAA WAREHOUSE CO 11              01  ARNOLD/ALLEN/ATWELL WAREHOUS
- ABLANK                            QC TEST PLAN - DO NOT DELETE
- ACRAIG                             ZZ  THISISSHEREE
- ALLYSON TST                       TUTORIAL - ABC COMPUTER COMP
- APLS                               QC TEST PLAN - DO NOT DELETE
- APNAT                             ***  NAME NOT ON FILE  ***
- AP04A                             ***  NAME NOT ON FILE  ***
- ASST                              ***  NAME NOT ON FILE  ***
- A010                              QC TEST PLAN - DO NOT DELETE
- BANK-A-WIRE                       BANK WIRE SYSTEM
- BELL                               BELL COMPANY - PART/QUAL
- BETH                               BETH COMPANY

TO SELECT, TYPE "S" BESIDE THE PARTNER AND PRESS THE APPROPRIATE KEY
Enter PF1=Help          PF3=Exit          PF5=UMaint
      PF7=Bwd   PF8=Fwd

```

- Review the list of records currently displayed on the screen for Partner IDs that you want identify as users. If the system displays none of your Partner IDs, press **PF8=Fwd** to scroll forward to display more records.

To select the partners that you want to identify as users, type an **s** in the A (Action code) field corresponding to each of the Partner IDs that you want to select on the current screen display and press **Enter**. You can select one Partner ID at a time, or select all Partner IDs on a screen, and press **PF8=Fwd** to display more records. Repeat this step until you have selected all of your partners.

- Press **PF5=UMaint** to display the User Maintenance screen (EDIY500).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_





can re-assign relationships using the Partner Section screen (EDIY300).

- Type **s** in the A (Action code) field corresponding to Partner ID and press **PF5=Part** to display the Partner Selection screen (EDIY300).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 20** Identify the relationships.

The Partner Selection screen provides a list of Partner IDs and Alternate Partner IDs that can be selected for the specified user. For Alternate Partner IDs, Sterling Gentran:Basic assigns a default value using the first 15 characters of the Partner ID.

This screen enables you to select *partners* that correspond with the User ID displayed at the top of the screen and update the Alternate Partner IDs, as required for your organization. After you have identified Partner IDs using the Select function, the system highlights them in the display.

```

Select Update
EDIY300 4.5.3_____ PARTNER SELECTION XXX 06/01/2011
                                     12:00:00

User ID: AAA WAREHOUSE CO 11          Qual: 01
                                     Alt. User ID: ABLANK_____

Starting Partner ID: ABLANK_____

A Partner                               Qual  Division  Alt. Partner ID
- ABLANK                                 ZZ      000        ABLANK_____
- ACRAIG                                 000        ACRAIG_____
- ALLYSON TST                            000        ALLYSON_TST___
- APLS                                   000        APLS_____
- APNAT                                  000        APNAT_____
- AP04A                                  000        AP04A_____
- ASST                                   000        ASST_____
- A010                                   010        A010_____
- BANK-A-WIRE                            000        BANK-A-WIRE___
- BELL                                   000        BELL_____
- BETH                                   000        BETH_____
- BG-PARTNER                             000        BG-PARTNER___

TO SELECT PARTNER ENTER AN S BESIDE THE ID AND PRESS PF5
Enter PF1=Help      PF3=Exit PF4=UMaint    PF5=RMaint    PF6=Nxt User
      PF7=Bwd  PF8=Fwd

```

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the list of records currently displayed on the screen, select the Partner IDs by typing **s** in the A (Action code) field corresponding to the respective Partner IDs that correspond with the User ID displayed at the top of the screen. Then, press **Enter**. If your Partner IDs are not displayed, press **PF8=Fwd** to scroll forward to display more records. Repeat this step until you have selected all of your partners.
- Review the assigned Alternate Partner ID. If the Alternate Partner ID does not provide appropriate uniqueness for your organization or if you choose a more user-friendly name, change the default value. To change the default value:
  - Type a new Alternate Partner ID in the Alternate Partner ID field.
  - Type a **u** in the A (Action code) field next to the Partner ID and press **Enter**.
- Press **PF5=RMaint** to display the Relationship Maintenance screen (EDIY400).

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Step 21** Review the relationships.

The Relationship Maintenance screen provides a list of relationships that you have identified. From this screen, you can confirm the correct selection of relationships and delete or reset any relationships that are set up incorrectly. If you are migrating partners in groups and have previously migrated partners, the system highlights these relationships in the display.

```

Delete Reset
EDIY400 4.5.4_____ RELATIONSHIP MAINTENANCE      XXX  06/01/2011
                                     12:00:00

Starting User ID...: AAA_WAREHOUSE_CO_11_____ Qual: 01__
Partner ID:  APLS_____ Qual: _____

A  User / Partner                Qual  Div  Relationship User/Partner
-  AAA WAREHOUSE CO 11          01    000  AAA WAREHOUSE C
   APLS                          /APLS

-  AAA WAREHOUSE CO 11          01    000  AAA WAREHOUSE C
   APNAT                          /APNAT

-  AAA WAREHOUSE CO 11          01    000  AAA WAREHOUSE C
   AP04A                          /AP04A

-  AAA WAREHOUSE CO 11          01    000  AAA WAREHOUSE C
   ASST                          /ASST

Enter PF1=Help      PF3=Exit PF4=Part
      PF7=Bwd  PF8=Fwd
  
```

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Review the relationships to confirm the correct selection. If necessary, perform one of the following actions:
- For relationships that are incorrectly defined, type a **D** in the A (Action code) field and press **Enter**.
  - For relationships that need to be re-converted, type an **R** in the A (Action code) field and press **Enter**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**You have now completed the steps for identifying trading partner relationships.**

### *Partner-Specific Data Translation Tables*

**Note:** Perform the steps in this section *only* if you use partner-specific data translation tables in the mapping process.

If you do *not* use partner-specific data translation tables, skip this section and proceed to “Migrating the Partner File” on page 7-43.

In this section, you will review all of your partner-specific data translation tables and identify the appropriate user/partner relationship to use in the Relationship mode in place of the Partner/Qualifier used for each table.

### *Considerations*

- You cannot complete this section until you have identified your trading partner relationship (by completing **Step 20** on page 7-36).
- If you are migrating your partners to Relationship mode in groups, you will also migrate your partner-specific data translation table to Relationship mode in groups.
- If you are migrating all your partners to Relationship mode at one time, you will also migrate all of your data translation tables to Relationship mode at one time.

**Step 22** Access the Partner Migration Menu.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Sterling Gentran Main Menu, type **4.5** in the Jump Code field and press **Enter** to display the Partner Migration Menu (EDIY100).

**Note:** You can also display the Partner Migration Menu from the Administrative Main Menu. Type **5** to select Relationship Conversion, and press **Enter**.

```
EDIY100 4.5_____ PARTNER MIGRATION MENU          XXX   06/01/2011
                                                    12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

  _ 1. User Selection
    2. User Maintenance
    3. Partner Selection
    4. Relationship Maintenance
    5. Data Translation Table Directory
    6. Data Table Migration Selection
    7. Data Table Migration Maintenance

Enter PF1=Help          PF3=Exit
```

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 23**

Review the Partner-Specific data translation tables.

The Data Translation Table Directory lists all partner-specific data translation tables defined in your system. The system also displays the Partner/Qualifier used for each table. After you have selected the user/partner relationships for a data translation table, the system highlights them in the display. The screen displays all of the data translation tables that have been selected for migration until the completion of the migration process. Therefore, if you are migrating partners and data translation tables in groups, you can return to your selection as often as needed.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- From the Partner Migration Menu, type **5** to select Data Translation Table Directory and press **Enter**.

**Note:** You can also display the Data Translation Table Directory from the any Sterling Gentran:Basic screen by typing **4.5.5** in the Jump Code field and pressing **Enter**.

```

Select
EDIY600 4.5.5_____ DATA TRANSLATION TABLE DIRECTORY      XXX  06/01/2011
                                                                12:00:00

Starting Table ID...: _____

A  Table ID  Description          Partner ID          Qual Div
--  -
_  DUNST     INTERNAL VENDOR T  VENDOR-1
_  DUNST     INTERNAL VENDOR T  VENDOR-1          ZZ
_  JEAN1     TEST 1             ISA-PARTNER
_  JEAN2     TEST 2             ISA-PARTNER
_  RAE0      PARTNER SPECIFIC  VENDOR-1
_  RAE1      PARTNER SPECIFIC  VENDOR-1
_  RAE2      PARTNER SPECIFIC  VENDOR-1
_  RAE3      PARTNER SPECIFIC  VENDOR-1
_  RAE4      PARTNER SPECIFIC  VENDOR-1
_  RAE5      PARTNER SPECIFIC  VENDOR-1
_  RAE6      PARTNER SPECIFIC  VENDOR-1
_  RAE7      PARTNER SPECIFIC  VENDOR-1
_
TO SELECT TABLE ENTER AN "S" BESIDE THE ID
Enter PF1=Help          PF3=Exit          PF5=DTSel
      PF7=Bwd   PF8=Fwd

```

- Review the list of records currently displayed on the screen for data translation tables that are linked to the partners you are migrating to the Relationship mode. If your Tables IDs are not displayed, press **PF8=Fwd** to scroll forward in the list to display more records. To select the Table ID that you want to migrate to Relationship mode, type an **s** in the A (Action code) field corresponding to the Table ID.
- Press **PF5=DTSel** to display the Data Table Migration Selection screen (EDIY610).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 24** Select the User/Partner for the data translation table for migration.

The Data Table Migration Selection screen displays the selected partner-specific data translation table along with its designated Partner ID and Qualifier. This screen enables you to choose the user/partner relationship to tie to this table in place of the current Partner ID and Qualifier.

```

EDIY610 4.5.6_____ DATA TABLE MIGRATION SELECTION      XXX      06/01/2011
                                                                12:00:00

Data Translation Table ID...: DUNST_____
Current Partner ID.....: VENDOR-1_____
Current Partner Qualifier...: ZZ_____

New User ID.....: ACRAIG_____
New Partner ID.....: APNAT_____

Enter PF1=Help          PF3=Exit PF4=DTDir      PF5=DTMaint      PF6=Next
                        PF9=Add
    
```

- Enter your User ID in the New User ID field. Then, enter the Partner ID in the New Partner ID field.

**Note:** The values entered in these fields must be valid values as found in the Relationship User/Partner fields on the Relationship Maintenance screen.

- Press **PF9=Add** to add the record to the Data Table Migration file, which is an input file to the batch Data Translation Migration program.
- Continue entering the values for all user/partner relationships for each table that you want to migrate. When you have entered the values, press **PF5=DTMaint** to display the Data Table Migration Maintenance screen (EDIY620).

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 25** Review the Data Translation tables selected for migration.

The Data Table Migration Maintenance screen displays a list of partner-specific Data Translation tables you have identified for migration to Relationship mode. From this screen, you can confirm correct selection of user/partner relationships for each table and delete or reset any relationship incorrectly set up. If you are migrating partners and tables in groups and have previously migrated tables, the system highlights the previously migrated tables in the display.

```

Delete Reset
EDIY620 4.5.7 _____ DATA TABLE MIGRATION MAINTENANCE 06/01/2011
                                                                12:00:00

Starting Table ID..: DUNST _____

A Table ID      Partner ID
                  User ID   /   Part ID
                  Vendor-1
-  DUNST        ACRAIG      APNAT      ZZ
                  ISA-PARTNER
-  JEAN2        ACRAIG      APNAT
                  _____
                  _____

END OF DTBMIG FILE
Enter PF1=Help      PF3=Exit PF4=DTsel
                  PF7=Bwd  PF8=Fwd
    
```

- Review the tables and relationships to confirm the correct selection. If necessary, perform one of the following actions:
  - For tables that should not have been selected for migration, type a **D** (for Delete) in the corresponding A (Action code) field and press **Enter**.
  - For tables that need to be re-converted, type an **R** in the corresponding A (Action code) field and press **Enter**.
- Press **PF3=Exit** to exit the subsystem.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**You have now completed the steps to identify relationships for partner-specific data translation Tables.**



## Migrating the Partner File

**Note:** This section continues the migration steps for existing Sterling Gentran customers only.

### *The Partner Migration Program*

The migration from Partner/Qualifier to Relationship mode takes place during a batch job. This job executes the Partner Migration (EDIH100) program, which reads the Partner Conversion file and combines the records from the Release 6.6 partner profile in Partner/Qualifier mode to create the Release 6.6 partner profile in Relationship mode. The inbound and outbound Control files are migrated at the same time. The global partner **!!!GENTRAN-RESERVED-PARTNER-ID-1** is also migrated to Relationship mode during this process. The new Partner ID will be **!!!GENTRAN-RU1/!!!GENTRAN-RP1**.

### *Migrating Release 6.6 Partner Profiles*

The following table lists the inputs and outputs of the Release 6.6 partner profiles migration.

<b>Migrating Release 6.6 Partner Profiles</b>		
<b>Input</b>		
EDICFG	6.6 System Configuration file	VSAM
PARTIN	6.6 Partner File – Partner/Qualifier	VSAM
ICNTLIN	6.6 Inbound Control file – Partner/Qualifier	VSAM
OCNTLIN	6.6 Outbound Control file – Partner/Qualifier	VSAM
XREFIN	6.6 Partner X-Ref file	VSAM
PARTCNV	6.6 Partner Conversion file	VSAM
<b>Output</b>		
PARTOUT	6.6 Partner file – Relationship	VSAM
ICNTL	6.6 Inbound Control file – Relationship	VSAM
OCNTL	6.6 Outbound Control file – Relationship	VSAM
PARTREL	6.6 Partner Relationship file	VSAM
EDISUM	Summary report	

### *New Relationship Partners*

The following table describes how the new Relationship partners are built by combining the two partners' records.

<b>Partner Record</b>	<b>Record ID</b>	<b>User/Partner Source</b>
Header	AH	Partner
Interchange	CONTROL	Partner
Group	GP	Partner
Transaction	TC	Partner
Name and Address	NAMEADUSER	User

Partner Record	Record ID	User/Partner Source
Name and Address	NAMEADPART	Partner
User	USER	Partner
<b>If not using the Sender ID for Data Separation</b>		
Data Separation	PI, GI, TI	User
Data Separation	PO, GO, TO	Partner
<b>If using the Sender ID for Data Separation</b>		
Data Separation	PI, PO, GI, GO, TI, TO	Partner
Error Rejection	EP, EG, ET	User

### *Partner Migration Program Parameter Record*

#### **Parameter Record**

Col 1 – 11:      CONVERT ALL      This parameter instructs the program to process all records on the Partner Conversion. **Do not use this parameter if you are migrating your trading partners in groups.**

### *Migration Process*

In this section, you will perform the migration process from Partner/Qualifier mode to Relationship mode for the Partner file, Inbound and Outbound Control files, and Cross-reference files.

After you have performed the partner migration process, you will migrate your translation tables, verify correct processing, and remove components that are no longer needed. This section includes instructions for migrating all of your trading partners and migrating trading partners in groups.

**Step 26** Prepare for the migration.

*Typically performed by:* System Installer

Check the box next to the task as you complete it.

Before running the migration process, close and disable the following files, where SIM represents your three-character system image ID in your current Release 6.6 CICS environment:

- SIMPCNV • SIMPCNV1 • SIMPART • SIMPREF
- SIMPREF1 • SIMPINB • SIMPOTB

If you are using a system image for Relationship mode, you must also close and disable the following files where SIM represents your three-character system image ID in your Relationship Release 6.6 CICS environment:

- SIMPART • SIMPREL • SIMPREL1
- SIMPOTB • SIMPINB

Proceed with one of the following steps, based on your migration method:

- If you are migrating all of your Release 6.6 trading partners at one time to Relationship mode, proceed to **Step 27**.
- If you are migrating your Release 6.6 trading partners in groups to the Relationship mode, proceed to **Step 28**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 27** Migrate the entire Partner subsystem.

Customize JCL member **CNREL** and submit.

**Note:** If you are migrating in groups, skip this step and proceed to **Step 28**.

*Typically performed by:* System Installer

Check the box next to the task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

Skip **Step 28** and proceed to “Migrating Translation Tables” on page 7-48.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 28** Migrate the Partner subsystem in groups.

Customize JCL member **CNRELI** and submit.

**Note:** If you have already submitted **CNREL**, skip this step and proceed to “Migrating Translation Tables” on page 7-48.

You can run **CNRELI** multiple times when migrating your partner profiles in groups from Partner/Qualifier mode to Relationship mode. When the system processes a Partner Conversion record (PARTCNV), it sets a flag on this file so that the records are not processed during subsequent runs. To re-migrate your relationships, use **CNREL** (see **Step 27** on page 7-46).

You can re-migrate individual relationships by setting the “Reset” action on the Relationship Maintenance screen (EDIY400). The relationship will then be migrated the next time you execute **CNRELI**.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Migrating Translation Tables

**Note:** This section continues the migration steps for existing Sterling Gentran customers only.

### *The Data Translation Program*

The migration of partner-specific Data Translation tables from Partner/Qualifier mode to Relationship mode takes place during a batch job. This job executes the Data Translation Migration (EDIH200) program. The program reads the Data Translation Migration file to replace the Partner/Qualifier found on the partner-specific data translation tables with the user/partner specified in the online partner migration process. Both the Table Definition (Code Define) and Data Translation Table (Code.Data) files are migrated to Relationship mode during this process.

### *Migrating Release 6.6 Data Translation Tables*

The following table lists the inputs and outputs of the Release 6.6 data translation tables migration.

<b>Migrating Release 6.6 Data Translation Tables</b>		
<b>Input</b>		
INDEF	6.6 Code Define file	VSAM
INDATA	6.6 Code Data file	VSAM
DTBMIG	6.6 Data Translation Migration file	VSAM
<b>Output</b>		
OUTDEF	6.6 Code Define file – Relationship	VSAM
OUTDATA	6.6 Code Data file – Relationship	VSAM
EDISUM	Summary report	

The EDIH200 program sequentially reads the Data Translation Migration file and processes only those records on the file that have not been migrated in previous runs. You can determine if a table has already been migrated by reviewing the online Data Translation Table Directory screen (EDIY600) or the Data Table Migration Maintenance screen (EDIY620). In the screen display, the system highlights the tables that have been migrated. You must use the **CONVERT ALL** parameter if you want to migrate all of the tables found in the Data Translation Migration file.

### *Data Translation Table Migration Program Parameter Record*

#### **Parameter Record**

Col 1 – 11:     **CONVERT ALL**     This parameter instructs the program to process all records on the Data Translation Migration file. **Do not use this parameter if you are migrating your trading partners and tables in groups.**

### Migration Process

In this section, you will perform the migration process for mapping translation tables from Mixed mode to Relationship mode.

**Note:** If you do *not* use partner-specific data translation tables, you do not need to perform this process. Skip this section and proceed to **Step 32** on page 7-52.

After you have performed the migration process, you will verify that the processing worked correctly and then remove components that you no longer need. This section includes instructions for migrating all of your mapping translation tables and migrating mapping translation tables in groups.

**Step 29** Prepare for the migration.

*Typically performed by:* System Installer

Check the box next to the task as you complete it.

- Before running the migration process, close and disable these files in your current Release 6.6 CICS environment, where SIM represents your three-character system image:
  - SIMTCNV    • SIMCDCD    • SIMCDC1    SIMCDDA
  - SIMCDDF    • SIMCDD1    • SIMCDVL
  
- For Relationship mode, you must also close and disable the files where SIM represents your three-character system image in your Relationship Release 6.6 CICS environment. These files include:
  - SIMCDDF    • SIMCDCD    • SIMCDC1
  - SIMCDDA    • SIMCDD1    • SIMCDVL

If you are migrating all translation tables, continue with **Step 30**. If you are migrating the translation tables in groups, continue with **Step 31**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 30** Migrate all translation tables.

Customize JCL member **CNDTR** and submit.

**Note:** If you are migrating in groups, skip this step and proceed to **Step 31**.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change the text strings **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

Skip **Step 31** and proceed to **Step 32**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



**Step 31** Migrate the translation tables in groups.

Customize JCL member **CNDTRI** and submit.

**Note:** If you have already submitted **CNDTR**, skip this step and proceed to **Step 32**.

You can run **CNDTRI** multiple times when migrating your translation tables in groups from Partner/Qualifier mode to Relationship mode. When the system processes a Data Translation Migration record (DTBMIG), it sets a flag on this file so that the record is not processed during subsequent runs. To re-migrate your tables, use **CNDTR** (see **Step 30** on page 7-50).

- Add a job card.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**). Doing this enables you to mass-edit data set names.
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify the job results. You should never receive a return code greater than **8**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 32** Compare Relationship mode against Mixed mode.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Run your production outbound flow in Release 6.6 Mixed mode.
- Run the same flow in Release 6.6 Relationship mode.
- Compare the results of both runs. The results should be the same.

If the results are not the same, identify the source of the difference. Consider the following:

- Your Configuration record must be set to Relationship mode.
- Maps and parameters must be set up the same.

**Note:** If you are still unable to identify the source of the difference, contact the IBM Software Product Support Center for further assistance.

- Run your production inbound flow in Release 6.6 Mixed mode.
- Run the same flow in Release 6.6 Relationship mode.
- Compare the results of both runs. The results should be the same.

If the results are not the same, identify the source of the difference. Consider the following:

- Your Configuration record must be set to Relationship mode.
- Maps and parameters must be set up the same.

**Note:** If you are still unable to identify the source of the difference, contact the IBM Software Product Support Center for further assistance.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

## Performing Sterling Gentran Maintenance

After you have completed the migration process and you are satisfied that Relationship mode is functioning correctly, you should remove the migration programs and delete the migration files from your CICS region.

**Note:** If you have used a separate CICS system image for Relationship mode, you should consolidate both images.

In this section, you will find instructions to remove programs and back up and delete the Release 6.6 Partner, Inbound Control, Outbound Control, and Partner Cross-reference files for Partner/Qualifier mode. This section also includes instructions for renaming the Partner, Inbound Control, and Outbound Control files for Relationship mode to the standard Sterling Gentran names used for processing.

**Step 33** Remove the Conversion file and programs.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Log on to CICS as required within your environment to access the CEDA transaction. When you have finished, clear the screen.
- Type the following command to remove the group that contains the Partner Relationship Migration resources from the list of groups that CICS installs at startup. Substitute your list name for the value **LISTNAME** in the command. Press **Enter** to invoke the command.

```
CEDA REMOVE GROUP (GENCVBSC) LIST (LISTNAME)
```

Check for the **Remove Successful** result from CEDA. When you have finished, press **PF3**. Then, clear the screen.

- Type the following command to delete the group that contains the Partner Relationship Migration resources. Press **Enter** to invoke the command.

```
CEDA DELETE GROUP (GENCVBSC) ALL
```

Check for the **Delete Successful** result from CEDA. When you have finished, press **PF3**. Then, clear the screen.

- Using the IDCAMS utility, delete intermediate VSAM files. You may want to archive a copy before physically removing them from your system.

Partner Conversion File	GENTRAN.V6X6.VSAM.EDI.PARTCNV
Partner User File	GENTRAN.V6X6.VSAM.EDI.USER
Data Translation Migration File	GENTRAN.V6X6.VSAM.EDI.DTBMIG

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Step 34** Delete the Partner/Qualifier files – customize JCL member **DELPQ** and submit.

**Note:** During the migration process, a different data set name was used for these files to distinguish them from the Partner/Qualifier files.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change **DISK** of **UNIT=DISK** as required by your installation.
- Change text string **XXXXXX** of **VOLUMES ( )** as required by your installation.
- Change data set names as required by your installation. Change the first two index levels of each data set name (**GENTRAN.V6X6**).
- Read the comments within the JCL member and follow additional instructions.
- Submit the JCL member.
- Verify job results. You should never receive a return code greater than **8**.
- Log on to CICS as required within your environment to access the CEDA transaction. When you have finished, clear the screen.
- Type the following commands to delete the resources for the Cross-reference file, substituting your three-character system image for **SIM** and substituting your group name for **GENBSC** (if you changed it from **GENBSC**).

**CEDA DELETE FILE (SIMPREF) GROUP (GENBSC)**

**CEDA DELETE FILE (SIMPREF1) GROUP (GENBSC)**

Check for the **Delete Successful** result from CEDA. When you have finished, press **PF3** and then clear the screen.

If you specified these files to your CICS using DD statements in the CICS startup JCL, the DD statements must also be removed.

- These members require JCL changes:

- EXEC005            • EXEC017
- EXEC006            • EXEC019
- EXEC011A          • EXEC087
- EXEC011M

For each member listed above, make the following JCL changes:

- Delete all DD statements referencing  
**GENTRAN.V6X6.VSAM.PARTNER.XREF** and  
**GENTRAN.V6X6.VSAM.PARTNER.XREF.PATH**.

- Uncomment DD statements referencing  
`GENTRAN.V6X6.VSAM.PARTREL` and  
`GENTRAN.V6X6.VSAM.PARTREL.PATH`.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Your migration is now complete. You should now continue with the execution of your test plan to ensure successful implementation.**



# Implementing Sterling Gentran:Realtime

## Overview

This chapter explains the final tasks to be completed to implement Sterling Gentran:Realtime.

This chapter contains the following topics:

<b>Topic</b>	<b>Page</b>
<b>Deleting Installation Files .....</b>	<b>8-2</b>
<b>System Configuration.....</b>	<b>8-3</b>
Implement Outbound Data Formatting Options .....	8-9

---

## Deleting Installation Files

After the successful installation of Sterling Gentran:Realtime, the files that you uploaded to your mainframe and the files that you used to build the permanent Sterling Gentran:Realtime files are no longer needed. This section deletes those files and frees the disk space that they occupy.

**Note:** Leaving the files on your mainframe will not hinder the performance of Sterling Gentran:Realtime. If you do not want to delete them, you may skip this section and proceed to “System Configuration” on page 8-3.

**Step 1** Customize JCL member **DELFILES** and submit.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Add a job card.
- Change the data set names as required by your installation.
  - Change only the first index level of the sequential standards data sets. These are identified with the **GENTRAN . STDS** high-level qualifier.
  - Change only the first two index levels of all other data sets. These are identified with the **GENTRAN . V6X6** high-level qualifier.
- Read the comments within the JCL and follow additional instructions.
- Submit the job.
- Verify the job results. You should never receive a return code greater than **0**.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



## System Configuration

You will use the Configuration Maintenance subsystem to complete the tasks in this section to configure your system.

To perform this process, you must refer to your Pre-installation Worksheet in Chapter 2. You will use information that you have specified there to update the Configuration Maintenance subsystem in Sterling Gentran:Realtime.

### Step 2 Implement Sterling Gentran:Realtime.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Log on to Sterling Gentran:Realtime.
- From the Sterling Gentran Main Menu, type **4** in the selection field and press **Enter** to display the Administrative Main Menu (EDIM210).

```
EDIM210 4.0 _____ ADMINISTRATIVE MAIN MENU XXX 06/01/2011
                                     12:00:00

Type the number of your selection below and press ENTER, or
press the PF3 key to Exit.

      - 1. Security Maintenance Menu
        2. Message Maintenance Menu
        3. Configuration Directory
        4. Global Parameter Maintenance
        5. Relationship Conversion (N/A)
        6. Upload Process Maintenance
        7. Separator Menu
        8. Change Audit Menu
        9. Message Center Job Summary

Enter PF1=Help          PF3=Exit

                                     PF15=Logoff
```

- Type **3** in the selection field and press **Enter**.



- Press **PF5** to display the Configuration Maintenance (EDIM231) screen, Panel 2 of 3.

```

EDIM231 _____ CONFIGURATION MAINTENANCE          XXX      06/01/2011
                                                    12:00:00

On-Line Options - RECORD TYPE 0   PANEL 2 OF 3

Interchange Version.....: N _____ N=No          Y=Yes
Group Version.....: N _____ N=No          Y=Yes
Transaction Version.....: N _____ N=No          Y=Yes
Trading Profile Mode.....: P _____ P=PART/QUAL  R=RELATION  M=MIX
Multiple Envelope Enabled.....: N _____ N=No          Y=Yes
Concurrency Enabled.....: N _____ N=No          Y=Yes
CICS Applid for Concurrency....: _____
Message Center Enabled.....: N _____ N=No          Y=Yes
Message Center Cutoff Limit....: 001000 _____ 6 digits

Last Update Date: 00/00/00   Time: 00:00:00   User: SCI

Enter PF1=Help          PF3=Exit PF4=Prev          PF5=More Opts  PF6=Nxt Cnfg
                          PF10=Updt

```

- Using the values from your Pre-installation Worksheet, type the appropriate values in the fields. Press **PF10** to update the record.
- Press **PF5** to display the Configuration Maintenance (EDIM231) screen, Panel 3 of 3.

```

EDIM231 _____ CONFIGURATION MAINTENANCE          XXX      06/01/2011
                                                    12:00:00

ON-LINE OPTIONS - RECORD TYPE 0   PANEL 3 OF 3

Partner Help Enabled.....: 1 _____ 0=Not Active   1=Active
Standards Help Enabled.....: 1 _____ 0=Not Active   1=Active
Databank Help Enabled.....: 1 _____ 0=Not Active   1=Active
Security Help Enabled.....: 1 _____ 0=Not Active   1=Active
Mapping Help Enabled.....: 1 _____ 0=Not Active   1=Active
Error Message Help Enabled....: 1 _____ 0=Not Active   1=Active
Global Parameter Help Enabled..: 1 _____ 0=Not Active   1=Active
Config Help Enabled.....: 1 _____ 0=Not Active   1=Active
GENTRAN:Plus Help Enabled.....: 0 _____ 0=Not Active   1=Active
GENTRAN:Control Help Enabled...: 0 _____ 0=Not Active   1=Active
GENTRAN:Realtime Help Enabled..: 0 _____ 0=Not Active   1=Active
GENTRAN:Viewpoint Help Enabled.: 0 _____ 0=Not Active   1=Active

Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help          PF3=Exit PF4=Prev          PF6=Nxt Cnfg
                          PF10=Updt

```

- If you want to view online context-sensitive help for Sterling Gentran:Realtime, type **1** in the field to enable it. Press **PF10** to save the change.



- Press **PF5** to display the Configuration Maintenance (EDIM231) screen, Panel 2 of 2.

```

EDIM231 _____ CONFIGURATION MAINTENANCE      XXX      06/01/2011
                                                12:00:00

Additional Online Options - Record Type 1 Panel 2 of 2

Change Audit: Plus:Remote.....:           For future use
Change Audit: Plus:Profile.....:          For future use
Change Audit: Plus:Network.....:         For future use

Change Audit: RTE/CTL :OCF.....: N_____ Y=Enabled      N=Disabled
Change Audit: Realtime:Request: N_____ Y=Enabled      N=Disabled

Last Update Date: 00/00/00      Time: 00:00:00      User: SCI

Enter PF1=Help      PF3=Exit PF4=Prev      PF6=Nxt Cnfg
                        PF10=Updt

```

- Using the values from your Pre-Installation Worksheet, type the necessary field values accordingly. Then, press **PF10** to update the record.
- Press **PF4** two times to return to the Configuration Directory.

```

Select
EDIM230 4.3 _____ CONFIGURATION DIRECTORY      XXX      06/01/2011
                                                12:00:00

A   Record Type   Description
-   1             Additional On-Line Processing Options
-   2             Databank Processing Options
-
-
-
-
-
-
-
-
-
-
-

TO SELECT, TYPE AN "S" BESIDE CONFIG RECORD TYPE
Enter PF1=Help      PF3=Exit      PF5=Id Maint
      PF7=Bwd   PF8=Fwd

```

- Press **Tab** to move to the A (Action Code) field for Record Type 2, Databank Processing Options. Type **s** and press **PF5**.

The system displays the Configuration Maintenance (EDIM231) screen, Panel 1 of 1.

```

EDIM231 _____ CONFIGURATION MAINTENANCE          XXX      06/01/2011
                                                    12:00:00

Databank Options - Record Type 2   Panel 1 of 1

Databank Manager Scan Interval.: 0360_____
Databank Manager Transaction ID: EDID_____
Outbound Application Usage.....: F_____ F=Full    D=Directory  N=None
Outbound EDI Usage.....: F_____ F=Full    D=Directory  N=None
Inbound EDI Usage.....: F_____ F=Full    D=Directory  N=None
Inbound Application Usage.....: F_____ F=Full    D=Directory  N=None
Databank Error User Exit PGM...: _____
Databank Error User Exit Data..: _____

Enable Ack Overdue.....: N_____ Y=Yes     N=No

Last Update Date: 00/00/00   Time: 00:00:00   User: SCI

Enter PF1=Help           PF3=Exit PF4=Dir           PF6=Nxt Cnfg
                        PF10=Updt
    
```

- Using the values specified on your Pre-installation Worksheet, type the appropriate values in the fields. Press **PF10** to update the record with the changes.
- Exit from and restart your Sterling Gentran:Realtime online system to completely apply the configuration changes.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

## Implement Outbound Data Formatting Options

Sterling Gentran:Realtime provides the ability to customize how outbound EDI data is compressed. This feature can be used to optimize EDI data for transmission.

The default for Sterling Gentran:Realtime is to compress at the interchange level meaning that each interchange starts in position one of a new record and the entire interchange is wrapped.

If you wish to use this default, no further action is required, skip the remainder of this section.

If you wish to specify another value, complete the following step.

### Step 3 Implement Compress Level

Sterling Gentran:Realtime uses the Wrapping Level parameter to specify how the EDI data records are to be built. The valid values are:

- ALL
- INTERCHANGE
- GROUP
- TRANSACTION
- SEGMENT

The usage of this parameter is optional and if not specified, the default value is INTERCHANGE.

This parameter can be specified at two different levels:

- At a run-time level using the EDIM84A Outbound Global Parameter Override Maint-5 screen.
- At a system-level using the EDIM22E Global Parameter Maint-5 screen.

Refer to the description of the EDIM84A screen in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* and to the description of the EDIM22E screen in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for specific details on how to specify the parameter on each screen.

One application is enabled to process this parameter:

- EDIR002      Outbound Editor

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_





# Library Descriptions

This appendix contains the following library descriptions:

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Conversion Members for All Users .....	A-11
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## Job Control (JCL) Library

### New System Installation

ABOVE16	Update CICS resources to run above the 16MB line.
BELOW16	Update CICS resources to run below the 16MB line.
BOCCP01	Back out concurrent processing - update CSD.
BOCCP02	Back out concurrent processing - alter shareoptions.
DEFADV	Defines report files for Vector:Advantage.
DEFADV2	Loads JCL files for Vector:Advantage.
DEFBASE	Defines the base system files for new installations – Partner/Qualifier mode.
DEFBASEM	Defines the base system files for new installations – Mixed mode.
DEFBASER	Defines the base system files for new installations – Relationship mode.
DEFCA	Defines the Sterling Gentran:Basic change audit VSAM files.
DEFCARTE	Defines the Sterling Gentran:Realtime change audit VSAM files.
DEFDB	Defines the Sterling Gentran:Basic databank files.
DEFDBRTE	Defines the Sterling Gentran:Realtime databank files.
DEFDTCNV	Defines the Sterling Gentran Data Translation Migration file.
DEFHELP	Defines the help files.
DEFMAP	Defines the Mapping files.
DEFMC	Defines the Message Center files.
DEFPARTR	Defines relationship partner files.
DEFPCNV	Defines the Sterling Gentran:Basic partner relationship conversion VSAM files.
DEFPRF	Defines CICS resources for the partner relationship file.
DEFPRM	Defines CICS resources for the partner relationship migration.
DEFRDO	Defines CICS resources for Sterling Gentran:Basic.
DEFRDOR	Defines CICS resources for Sterling Gentran:Realtime.
DEFRTE	Defines the Sterling Gentran:Realtime system files.
DEFRTEO	Defines additional Sterling Gentran:Basic files needed by Sterling Gentran:Realtime.
DEFSUM	Defines the Sterling Gentran:Realtime Summary Statistics file.
DEFUAPP	Defines application test files.
DEFUDAT	Defines user data on Inbound Test file.
DEFUNLD	Defines permanent files for the Sterling Gentran:Basic Unload/Upload feature.
DELFILES	Deletes installation files.
IMPCCP01	Implement concurrent processing – alter shareoptions.

IMPCCP02	Implement concurrent processing – update CSD.
LOADTPM	Loads the test partners and maps needed to perform the installation verification procedure for Partner/Qualifier or Mixed mode.
LOADTPMR	Loads the test partners and maps needed to perform the installation verification procedure for Relationship mode.
PCBSCFX1	Allocates Sterling Gentran:Basic fix upload file on mainframe.
PCBSCFX2	Creates Sterling Gentran:Basic fix files.
PCBSCJC1	Allocates Sterling Gentran:Basic current JCL upload file on mainframe.
PCBSCJC2	Uploads Sterling Gentran:Basic current JCL file.
PCBSCPD1	Allocates Sterling Gentran:Basic product upload file on mainframe.
PCBSCPD2	Unloads Sterling Gentran:Basic from product upload files.
PCRTEFX1	Allocates Sterling Gentran:Realtime fix upload file on mainframe.
PCRTEFX2	Creates Sterling Gentran:Realtime fix files.
PCRTEJC1	Allocates Sterling Gentran:Realtime current JCL upload file on mainframe.
PCRTEJC2	Uploads Sterling Gentran:Realtime current JCL file.
PCRTEPD1	Allocates Sterling Gentran:Realtime product upload file on mainframe.
PCRTEPD2	Unloads Sterling Gentran:Realtime from product upload files.
PCSASC1	Allocates SAS/C Upload file on mainframe.
PCSASC2	Unloads SAS/C Run-time libraries from the product upload.
PCSTAND1	Allocates standards upload files on mainframe.
PCSTAND2	Creates sequential standards files from CD.
PCSTDCLN	Deletes sequential standards files to save DASD space.
UPDTCFG	Updates the Sterling Gentran Configuration files with the Sterling Gentran:Control and Sterling Gentran:Realtime Configuration records.
UPDTMSG	Updates the ERRCTL file with changes.

## Conversion Members for Current Release 6.3 Users

### *System Configuration File*

CNCFG63	Converts the Sterling Gentran:Basic portion of the Release 6.3 System Configuration file to Release 6.6.
CNCFG63R	Converts the Sterling Gentran:Realtime portion of the Release 6.3 System Configuration file to Release 6.6.

### *Partner Subsystem*

CNPRT63	Converts the Release 6.3 Partner Profile and Control Number files to Release 6.6.
CNPRT63P	Incrementally converts the Release 6.3 Partner Profile and Control Number files to Release 6.6.
CNPRL63	Converts the Release 6.3 Partner Relationship file to Release 6.6 and builds an alternate index.
CNXRF63	Converts the entire Release 6.3 Partner Cross Reference file to Release 6.6.

### *Databank Subsystem*

CNDBA63I	Converts the Sterling Gentran:Basic Release 6.3 inbound application databank to Release 6.6.
CNDBA63O	Converts the Sterling Gentran:Basic Release 6.3 outbound application databank to Release 6.6.
CNDBE63I	Converts the Sterling Gentran:Basic Release 6.3 inbound EDI databank to Release 6.6.
CNDBE63O	Converts the Sterling Gentran:Basic Release 6.3 outbound EDI databank to Release 6.6.
CNDRA63I	Converts the Sterling Gentran:Realtime Release 6.3 inbound application databank to Release 6.6.
CNDRA63O	Converts the Sterling Gentran:Realtime Release 6.3 outbound application databank to Release 6.6.
CNDRE63I	Converts the Sterling Gentran:Realtime Release 6.3 inbound EDI databank to Release 6.6.
CNDRE63O	Converts the Sterling Gentran:Realtime Release 6.3 outbound EDI databank to Release 6.6.

### *Security Subsystem*

CNSEC63	Converts the Release 6.3 security file to Release 6.6.
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### *Mapping Subsystem*

CNMAP63	Converts the entire set of Release 6.3 inbound and outbound maps to Release 6.6.
CNMAP63A	Incrementally converts Release 6.3 application records to Release 6.6.
CNMAP63C	Incrementally converts Release 6.3 codes records to Release 6.6.
CNMAP63T	Incrementally converts Release 6.3 transaction records to Release 6.6.

*Standards Subsystem*

CNSTD63                      Converts the Release 6.3 standards to the Release 6.6 Standards.

*Error Message Subsystem*

CNMSG63                      Converts the Release 6.3 Error Message file to Release 6.6.

*Sterling Gentran:Realtime System*

CNRTE63                      Converts the Sterling Gentran:Realtime system files.

*Separator Control File*

CNSEP63                      Converts the Release 6.3 Separator Control file to Release 6.6.

## Conversion Members for Current Release 6.4 Users

### *System Configuration File*

CNCFG64	Converts the Sterling Gentran:Basic portion of the Release 6.4 System Configuration file to Release 6.6.
CNCFG64R	Converts the Sterling Gentran:Realtime portion of the Release 6.4 System Configuration file to Release 6.6.

### *Partner Subsystem*

CNPRT64	Converts the Release 6.4 Partner Profile and Control Number files to Release 6.6.
CNPRT64P	Incrementally converts the Release 6.4 Partner Profile and Control Number files to Release 6.6.
CNPRL64	Converts the Release 6.4 Partner Relationship file to Release 6.6 and builds an alternate index.
CNXRF64	Converts the entire Release 6.4 Partner Cross Reference file to Release 6.6.

### *Databank Subsystem*

CNDBA64I	Converts the Sterling Gentran:Basic Release 6.4 inbound application databank to Release 6.6.
CNDBA64O	Converts the Sterling Gentran:Basic Release 6.4 outbound application databank to Release 6.6.
CNDBE64I	Converts the Sterling Gentran:Basic Release 6.4 inbound EDI databank to Release 6.6.
CNDBE64O	Converts the Sterling Gentran:Basic Release 6.4 outbound EDI databank to Release 6.6.
CNDRA64I	Converts the Sterling Gentran:Realtime Release 6.4 inbound application databank to Release 6.6.
CNDRA64O	Converts the Sterling Gentran:Realtime Release 6.4 outbound application databank to Release 6.6.
CNDRE64I	Converts the Sterling Gentran:Realtime Release 6.4 inbound EDI databank to Release 6.6.
CNDRE64O	Converts the Sterling Gentran:Realtime Release 6.4 outbound EDI databank to Release 6.6.

### *Security Subsystem*

CNSEC64	Converts the Release 6.4 security file to Release 6.6.
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### *Mapping Subsystem*

CNMAP64	Converts the entire set of Release 6.4 inbound and outbound maps to Release 6.6.
CNMAP64A	Incrementally converts Release 6.4 application records to Release 6.6.
CNMAP64C	Incrementally converts Release 6.4 codes records to Release 6.6.
CNMAP64T	Incrementally converts Release 6.4 transaction records to Release 6.6.

*Standards Subsystem*

CNSTD64                      Converts the Release 6.4 standards to the Release 6.6 Standards.

*Error Message Subsystem*

CNMSG64                     Converts the Release 6.4 Error Message file to Release 6.6.

*Sterling Gentran:Realtime System*

CNRTE64                     Converts the Sterling Gentran:Realtime system files.

*Separator Control File*

CNSEP64                     Converts the Release 6.4 Separator Control file to Release 6.6.

*Change Audit Subsystem*

CNCA64                      Converts the Release 6.4 Change Audit file to Release 6.6.



## Conversion Members for Current Release 6.5 Users

### *System Configuration File*

CNCFG65	Converts the Sterling Gentran:Basic portion of the Release 6.5 System Configuration file to Release 6.6.
CNCFG65R	Converts the Sterling Gentran:Realtime portion of the Release 6.5 System Configuration file to Release 6.6.

### *Partner Subsystem*

CNPRT65	Converts the Release 6.5 Partner Profile and Control Number files to Release 6.6.
CNPRT65P	Incrementally converts the Release 6.5 Partner Profile and Control Number files to Release 6.6.
CNPRL65	Converts the Release 6.5 Partner Relationship file to Release 6.6 and builds an alternate index.
CNXRF65	Converts the entire Release 6.5 Partner Cross Reference file to Release 6.6.

### *Databank Subsystem*

CNDBA65I	Converts the Sterling Gentran:Basic Release 6.5 inbound application databank to Release 6.6.
CNDBA65O	Converts the Sterling Gentran:Basic Release 6.5 outbound application databank to Release 6.6.
CNDBE65I	Converts the Sterling Gentran:Basic Release 6.5 inbound EDI databank to Release 6.6.
CNDBE65O	Converts the Sterling Gentran:Basic Release 6.5 outbound EDI databank to Release 6.6.
CNDRA65I	Converts the Sterling Gentran:Realtime Release 6.5 inbound application databank to Release 6.6.
CNDRA65O	Converts the Sterling Gentran:Realtime Release 6.5 outbound application databank to Release 6.6.
CNDRE65I	Converts the Sterling Gentran:Realtime Release 6.5 inbound EDI databank to Release 6.6.
CNDRE65O	Converts the Sterling Gentran:Realtime Release 6.5 outbound EDI databank to Release 6.6.

### *Security Subsystem*

CNSEC65	Converts the Release 6.5 security file to Release 6.6.
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### *Mapping Subsystem*

CNMAP65	Converts the entire set of Release 6.5 inbound and outbound maps to Release 6.6.
CNMAP65A	Incrementally converts Release 6.5 application records to Release 6.6.
CNMAP65C	Incrementally converts Release 6.5 codes records to Release 6.6.
CNMAP65T	Incrementally converts Release 6.5 transaction records to Release 6.6.

*Standards Subsystem*

CNSTD65                      Converts the Release 6.5 standards to the Release 6.6 Standards.

*Error Message Subsystem*

CNMSG65                      Converts the Release 6.5 Error Message file to Release 6.6.

*Sterling Gentran:Realtime System*

CNRTE65                      Converts the Sterling Gentran:Realtime system files.

*Separator Control File*

CNSEP65                      Converts the Release 6.5 Separator Control file to Release 6.6.

*Change Audit Subsystem*

CNCA65                        Converts the Release 6.5 Change Audit file to Release 6.6.

*Acknowledgement Overdue File*

CNACKO65                      Converts the Release 6.5 Acknowledgement Overdue File to Release 6.6.

*Message Center Files*

CNMC65                        Converts the Release 6.5 Message Center Files to Release 6.6.

### Conversion Members for All Users

CNDBM	Converts miscellaneous Sterling Gentran:Basic databank files.
CNDBMR	Converts miscellaneous Sterling Gentran:Realtime databank files.
CNMAPAIX	Builds and populates application, codes, and transaction alternate key files.
CNMAPDEF	Defines the empty VSAM map files to receive incremental conversion.
CNPRTDEF	Defines the empty Partner Profile and Control Number VSAM files to receive incremental conversions.

### Online CICS Environment Definition

ADVGRP	Contains the CICS resource definitions for Vector:Advantage.
BSCCICS	Contains the CICS startup JCL DD statements for Sterling Gentran:Basic.
BSCCICSD	Contains the CICS startup JCL DD statements for destinations.
BSCNAME	Renames the CICS load modules with the program image.
BSCRDOD	Contains the CICS resource definitions for destinations.
BSCRDOF	Contains the CICS resource definitions for files.
BSCRDOPM	Contains the CICS resource definitions for programs and mapsets.
BSCRDOT	Contains the CICS resource definitions for transactions.
PRFCICS	Contains the CICS startup JCL DD statements for the partner relationship file.
PRFRDOF	Contains the CICS resource definitions for the partner relationship file.
PRMCICS	Contains the CICS startup JCL DD statements for partner relationship migration.
PRMNAME	Renames the CICS load modules for partner relationship migration with the program image.
PRMRDOF	Contains the CICS resource definitions for the partner relationship migration files.
PRMRDOPM	Contains the CICS resource definitions for the partner relationship migration programs and mapsets.
RTECICS	Contains the CICS startup JCL DD statements for Sterling Gentran:Realtime.
RTENAME	Renames the CICS load modules with the program image.
RTEPLT	Contains the CICS resource definitions for automatic system start-up.
RTERDOF	Contains the CICS resource definitions for files.
RTERDOPM	Contains the CICS resource definitions for programs and mapsets.
RTERDOT	Contains the CICS resource definitions for transactions.

### Databank Maintenance

EXECCG300	Purges orphan EDI databank records.
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**Standards Installation and Maintenance**

DEFSTD	Loads the Online Standards files for new installations.
DEFTBL	Loads the initial version of the Optimized Standards file.
UPDSTD1	Prepares for standards update.
UPDSTD2	Standards maintenance using standards CD.

**Customer Service Support**

\$INDEX	An index of all JCL library members
CHANGES	An index of all the JCL modifications made for Sterling Gentran:Realtime Release 6.6
DBGMAPIN	Dumps the mapping files and input EDI data to tape to assist Customer Support.
DBGMAPOT	Dumps the mapping files and input application data to tape to assist Customer Support.
GNSYSCPY	Copies all mapping, partner, code, standards, and Sterling Gentran:Realtime files to tape to assist Customer Support.

**Program Execution**

CMBXJCL	Sample JCL for the Sterling Connect Outbound Interface (EDIR314)
EDISUMBK	Creates sequential copy of the Summary VSAM.
EXECACK	JCL to pass unmatched acknowledgements to the Batch Acknowledgement Reconciliation Monitor (EDID510)
EXECAMT	Reallocates the Sterling Gentran:Realtime Activity file, if initial allocation is not large enough.
EXECARCH	Unloads the change audit archive file.
EXECARIA	Unloads the Inbound Application file.
EXECARIE	Unloads the Inbound EDI Archive file.
EXECAROA	Unloads the Outbound Application Archive file.
EXECAROE	Unloads the Outbound EDI archive file.
EXECB307	Executes reports off the batch report files.
EXECBIN	JCL to execute the associated data file maintenance program (EDIRBIN).
EXECG100	Executes the Application Definition Maintenance program.
EXECG110	Executes the Cobol Copybook Generator program.
EXECIB	JCL for Inbound IVP Test.
EXECINIT	Executes the Sterling Gentran:Control Installation verification process.
EXECJCLR	Generates a report of the JCL in the EDIRJCL file.
EXECJCLX	Adds JCL to the EDIRJCL file.
EXECLMT	Reallocates the Online Log file.
EXECLOAD	Executes copies of sequential unload files to the CICS region unload files.

EXECMAPU	Executes a combined unload for application transaction map and code tables.
EXECMCMA	Executes the Message Center Maintenance Program in Archive mode.
EXECMCML	Executes the Message Center Maintenance Program in Load mode.
EXECMCMU	Executes the Message Center Maintenance Program in Update mode.
EXECOB	JCL for the Outbound IVP test.
EXECOCP	JCL to run the Paths and Options Copy utility program.
EXECPSIM	Implements Program and System Images.
EXECQ98	Writes data to queue file.
EXECQMT	Defines a new Control Queue file.
EXECQRD	Reads all queue files.
EXECQWR	Writes all queue files.
EXECPRT	Executes the scheduled report printing/archiving.
EXECPRTM	JCL for online submission of Mapping Print report.
EXECSRSLT	Extracts data from the Translation Results file.
EXECSB	JCL for the Separator IVP test.
EXECSQR	Executes the Sterling Gentran:Control Option Sample Remote Queue Read program.
EXECSQW	Executes the Sterling Gentran:Control Option Sample Remote Queue Write program.
EXECV343	Loads reports into the batch reporting system.
EXECWAIT	Executes the Sample System Down Wait program.
EXEC001	Executes the Inbound Editor program.
EXEC002	Executes the Outbound Editor program.
EXEC002A	Executes the Outbound Editor program for outbound acknowledgements.
EXEC002B	Executes the Outbound Envelope Generator and Editor programs for un-enveloped outbound acknowledgements.
EXEC004	Executes the System Configuration Display report.
EXEC005	Executes the Batch Partner Maintenance program.
EXEC006	Executes the Partner File Print program.
EXEC006O	JCL for online submission of the Partner File Print program
EXEC007	Executes the Partner Error Rejection report.
EXEC008	Executes the Partner File Inquiry program.
EXEC009	Executes the Security File Display Report program.
EXEC010	Executes the Inbound Edit Data Unwrap program.
EXEC011A	Executes the Envelope Generation program for outbound acknowledgements.

EXEC011M	Executes the Envelope Generation program for Mapping Data.
EXEC015	Executes the Inbound Data Split program.
EXEC016	Executes the Outbound Data Split program.
EXEC017	Executes the Received Acknowledgement Report program.
EXEC019	Executes the EDI Data Print Report program.
EXEC030	Executes the Batch Table Extract program.
EXEC032	Executes the Standards Copy program.
EXEC033	Executes the Standards Change Audit Maintenance program.
EXEC035	Executes the Optimized Standards Table Print program.
EXEC036	Executes the EDI Standard Print program.
EXEC036O	JCL for online submission of the Standards Print report
EXEC037	Executes the Standards Change Audit Inquiry program.
EXEC041	Executes the Inbound Mapping program.
EXEC042	Executes the Outbound Mapping program.
EXEC052	Executes the Mapping Report in Standard Sequence Report program.
EXEC053	Executes the Mapping Report in Application Sequence Report program.
EXEC055	Executes the 980 Transaction Generation program.
EXEC055A	Formats the 980 transactions needed.
EXEC060	Executes the Application Definition Copy program
EXEC062	Executes the Application Change Audit Inquiry program.
EXEC063	Executes the Transaction Change Audit Inquiry program.
EXEC064	Executes the Code Table Change Audit Inquiry program.
EXEC065	Executes the Object Insertion program.
EXEC067	Executes the Transaction Change Audit Maintenance program.
EXEC068	Executes the Code Table Change Audit Maintenance program.
EXEC069	Executes the Error Message Change Audit Inquiry program.
EXEC070	Executes the System Configuration Change Audit Inquiry program.
EXEC071	Executes the Global Parameter Change Audit Inquiry program.
EXEC072	Executes the Separator Change Audit Inquiry program.
EXEC073	Executes the Security Change Audit Inquiry program.
EXEC074	Executes the Application Change Audit Maintenance program.
EXEC076	Executes the Code/Data/Validation Table Copy program.
EXEC080	Executes the Transaction Map Copy program.
EXEC082	Executes the Mapping Validation Report program.
EXEC087	Executes the Copy Partner and Partner Cross Reference program.
EXEC087U	Executes the Unload Partner and Partner Cross Reference program.

EXEC088	Executes the Version Comparison and Conversion program.
EXEC089	Executes the Transaction/Application Resynch program.
EXEC090	Executes the Application Renumber program.
EXEC091	Executes the Mapping Cross Reference Report program.
EXEC092	Executes the Partner Change Audit Inquiry program.
EXEC093	Executes the Partner Change Audit Maintenance program.
EXEC095	Executes the Data Router program for EDI variable format data.
EXEC095A	Executes the Data Router program for EDI fixed format data.
EXEC095B	Executes the Data Router program for application data.
EXEC100	Executes the Security Change Audit Maintenance program.
EXEC101	Executes the Outbound Application Databank Maintenance program.
EXEC102	Executes the System Configuration Change Audit Maintenance program.
EXEC103	Executes the Global Parameter Change Audit Maintenance program.
EXEC104	Executes the Separator Change Audit Maintenance program.
EXEC105	Executes the Error Message Change Audit Maintenance program.
EXEC110	Executes a sort of generated acknowledgements.
EXEC201	Executes the Outbound EDI Databank Maintenance program.
EXEC205	Executes the Outbound EDI Databank Extract program.
EXEC301	Executes the Inbound EDI Databank Maintenance program.
EXEC305	Rebuilds the Online Report Control and Detail files.
EXEC306	Executes reports off the Online Report files.
EXEC330	Executes the Sterling Gentran:Realtime OCF Change Audit Inquiry program.
EXEC331	Executes the Sterling Gentran:Realtime OCF Change Audit Maintenance program.
EXEC401	Executes the Inbound Application Databank Maintenance program.
EXEC405	Executes the Inbound Application Databank Extract program.
EXEC500	Executes the Databank Change Audit Inquiry program.
EXEC502	Executes the Databank Change Audit Maintenance program.
EXEC510	Executes the Acknowledgement Reconciliation Monitor program.
EXEC520	Executes the Transaction Queue Initialize program.
EXEC550	Executes the EDI Databank Inquiry program.
EXEC550R	Executes Sterling Gentran:Realtime EDI Databank Inquiry.
EXEC551	Executes the Application Databank Inquiry program.
EXEC551R	Executes Sterling Gentran:Realtime Application Databank inquiry.
EXEC555	Executes the Databank Archive report.

EXEC800	Executes the IBM Sterling Information Broker Response Processor program.
EXEC800I	Executes the international IBM Sterling Information Broker Response Processor program.
EXEC805	Executes the GXS Response Processor program.
EXEC810	Executes the Information Exchange Response Processor program.
EXEC825	Executes the Universal Response Processor program.
EXEC850	Executes the Network Reconciliation program.
EXEC850R	Executes the Network Reconciliation for Sterling Gentran:Realtime.
EXEC860	Executes the Network Reconciliation Maintenance program.
EXEC860R	Executes Sterling Gentran:Realtime Network reconciliation maintenance.
EXEC890	Executes the Sterling Gentran:Realtime Request Change Audit Inquiry program.
EXEC891	Executes the Sterling Gentran:Realtime Request Change Audit Maintenance program.
EXEC930	Executes the Separator program.
INBOUND	Executes the inbound processing flow.
OUTBOUND	Executes the outbound processing flow.
TESTLOAD	Loads data to the test data file.
UNLDJCL	Unloads JCL from the EDIRJCL file.

### Partner Subsystem Trading Mode Migration

CNDTR	Migrate all Data Translation tables from Partner/Qualifier mode to Relationship mode.
CNDTRI	Incrementally migrate Data Translation tables from Partner/Qualifier mode to Relationship mode.
CNDTRN	Defines empty Relationship Data Translation tables VSAM files to receive incremental migration.
CNREL	Migrates the entire Partner Profile and Control Number files from Partner/Qualifier mode to Relationship mode.
CNRELI	Incrementally migrates the Partner Profile and Control Number files from Partner/Qualifier mode to Relationship mode.
CNRELN	Defines empty Relationship Partner Profile and Control Number VSAM files to receive incremental migration.
DELPQ	Cleans up after the migration from Partner/Qualifier mode to Relation mode is complete.



## Batch Load Library

### Conversion Programs

CNVAPP66	Converts the Application file to Release 6.6.
CNVCODE66	Converts the Code files to Release 6.6.
CNVCFG66	Converts the System Configuration file to Release 6.6.
CNVMSG66	Converts the Error Message file to Release 6.6.
CNVOEA65	Converts the Outbound EDI Databank Directory file to Release 6.6.
CNVPR66	Converts the Partner file to Release 6.6.
CNVSEP65	Converts the Separator Control file to Release 6.6.
CNVTR66	Converts the Transaction file to Release 6.6.
EBDIT10	Customizes the initialization of the System Conversion file.
EBDIT13	Updates the ERRCTL file with changes.
EDIH100	Converts the Partner Profile and Control Number files from Partner/Qualifier mode to Relationship mode.
EDIH200	Migrates the Code Definition and Code Data files from Partner/Qualifier mode to Relationship mode.

### Translation Processing Programs

EBDI010	Inbound Decompress – 80 byte records
EBDI010A	Inbound Decompress – 512 byte records
EBDI011A	Envelope Generator – OB Acknowledgments
EBDI011M	Envelope Generator – Mapping Output
EBDI015	Inbound Split
EBDI016	Outbound Split
EBDI055	Outbound 980 Processor
EBDI055A	Generates 980 transaction for Motor Invoices (210 transaction set).
EBDI065	Sterling Gentran Insert Object Program
EBDI095	Application/EDI Data Router
EBDI110	Sort Utility – Acknowledgement and Reformat

### Reporting Programs

EBDI004	System Configuration Display report
EBDI006A	Partner Profile Extract
EBDI006B	Partner Profile Print
EBDI007A	Partner Error Rejection Extract
EBDI007B	Partner Error Rejection Print
EBDI008	Partner File Inquiry

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EBDI009	Security File Display Report
EBDI017	Extract Acknowledgment Records
EBDI018	Sterling Gentran Acknowledgement report
EBDI019	EDI Data report
EBDI035	Optimized Standards Table report
EBDI036	Standards Print
EBDI037	Standards Change Audit Inquiry
EBDI052	Standard Sequence Mapping report
EBDI053	Application Sequence Mapping report
EBDI061	Sterling Gentran Mapping Summary report
EBDI062	Application Change Audit Inquiry
EBDI063	Transaction Change Audit Inquiry
EBDI064	Code Table Change Audit Inquiry
EBDI069	Error Message Change Audit Inquiry
EBDI070	System Configuration Change Audit Inquiry
EBDI071	Global Parameter Change Audit Inquiry
EBDI072	Separator Change Audit Inquiry
EBDI073	Security Change Audit Inquiry
EBDI082	Mapping Validation report
EBDI091	Mapping Cross Reference report
EBDI092	Partner Change Audit Inquiry
EDID502	Databank Change Audit report
EDID550	Databank Inquiry report
EDID551	Application Databank Inquiry report
EDID555	Databank Archive report
EDIR330	Sterling Gentran:Realtime OCF Change Audit Inquiry
EDIR890	Sterling Gentran:Realtime Request Change Audit Inquiry

### Utility Programs

EBDI005	Batch Partner Profile Maintenance
EBDI030	Table Extract
EBDI032	Copy Standards
EBDI033	Standards Change Audit Maintenance
EBDI038	Standards File Extract
EBDI039	Standards Merge
EBDI060	Mapping Application Copy
EBDI067	Transaction Change Audit Maintenance

EBDI068	Code Table Change Audit Maintenance
EBDI074	Application Change Audit Maintenance
EBDI076	Transaction Table Copy
EBDI080	Mapping Transaction Copy
EBDI087	Partner Copy
EBDI088	Version Comparison and Conversion
EBDI089	Transaction Resynch
EBDI090	Application Renumber
EBDI093	Partner Change Audit Maintenance
EBDI100	Security Change Audit Maintenance
EBDI102	System Configuration Change Audit Maintenance
EBDI103	Global Parameter Change Audit Maintenance
EBDI104	Separator Change Audit Maintenance
EBDI105	Error Message Change Audit Maintenance
EDIG100	Application Definition Maintenance
EDIG110	COBOL Copybook Generator
EDIG300	Purges Orphan EDI databank records.
EDIMCM	Message Center Maintenance
EDIR331	Sterling Gentran:Realtime OCF Change Audit Maintenance
EDIR891	Sterling Gentran:Realtime Request Change Audit Maintenance
EDITPGMX	Loads data to the test data file.
EDIWAITD	Waits for a CICS file Release.

### Separator Programs

EBDI93X	XML Priority Lookup
EBDI930	Separator Driver
EBDI931	X12 Priority Lookup
EBDI932	EDIFACT Priority Lookup
EBDI933	TRADACOMS Priority Lookup
EBDI940	Monitor Input/Output
EBDI945	Router

### Sterling Gentran:Realtime/Control Utility Programs

EDIECMR	Sterling Gentran:Control Multiple Queue Read
EDIECMW	Sterling Gentran:Control Multiple Queue Write
EDIEQMT	Sterling Gentran:Control/Sterling Gentran:Realtime Queue File Maintenance

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EDIERSR	Sterling Gentran:Control Remote Single Queue Read
EDIERSW	Sterling Gentran:Control Remote Single Queue Write
EDIESQR	Sterling Gentran:Control Sample Queue Read
EDIESQW	Sterling Gentran:Control Sample Queue Write
EDIJNL	Journal routine
EDIPSIM	Implement Program and System Images.
EDIRAMT	Active Path Maintenance
EDIRBIN	Associated Data file Maintenance
EDIRCMR	Central Multi-Queue Read Subroutine (Even and Odd)
EDIRCMW	Central Multi-Queue Write Subroutine (Even and Odd)
EDIRJCLR	JCL File Report program
EDIRJCLX	JCL File Loader program
EDIROCP	Copy records from Online Control and/or Request file.
EDIRQRD	All Queue Read
EDIRQWR	All Queue Write
EDIRSLTX	Results file extract
EDIR305B	Report files initiator
EDIR306B	Report file batch list
EDIR307B	List reports from the Vector:Advantage Report Control and Report Detail files.
EDIV342	Write reports to the Vector:Advantage Report Control and Report Detail files.
EDIV343	Write reports to the Vector:Advantage Report Control and Report Detail files.
EDIXDEQ	Dequeue a specific resource.
EDIXENQ	Enqueue a specific resource.

### **Databank Maintenance Utility Programs**

EDID101	Outbound Application Databank Maintenance
EDID201	Outbound EDI Databank Maintenance
EDID205	Outbound EDI Databank Extract
EDID301	Inbound EDI Databank Maintenance
EDID401	Inbound Application Databank Maintenance
EDID405	Inbound Application Databank Extract
EDID500	Databank Charge Audit Inquiry
EDID510	Acknowledgment Reconciliation Monitor
EDID520	Databank Transaction Queue Initialize

## Batch Load Library

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EDID800	IBM Sterling Information Broker Response Processor
EDID800I	IBM Sterling Information Broker International Reconciliation Preprocessor
EDID805	GXS Response Processor
EDID810	Information Exchange Response Processor
EDID825	Universal Reconciliation Preprocessor
EDID850	Network Reconciliation
EDID860	Network Reconciliation Maintenance
EDIELMT	Online Log Maintenance

### Called Subroutine Programs

EBDI046	Mapping Conversion – From Date and Time to EDI
EBDI047	Mapping Conversion – From EDI to Date and Time
EBDI049	Numeric Mapping Conversion – Outbound
EBDI050	Numeric Inbound Computation Mapping Conversion
EBDI051	Numeric Outbound Computation Mapping Conversion
EBDI054	Application File I/O Subroutine
EBDI113	Internal Optimized Standards Loader – Editors
EBDI114	Internal Dynamic Code Validation – Editors
EDID102	Outbound Application Databank Interface
EDID103	Outbound Application Databank Update
EDID202	Outbound EDI Databank Interface
EDID302	Inbound EDI Databank Interface
EDID303	Inbound EDI Databank Update
EDID402	Inbound Application Databank Interface
EDILOG	Lookup, format and log Messages.
EDIMAPQ	Pack Map name into 5 bytes.
EDIMOVE	Repetitive Move routine
EDIMVC	Variable length move routine
EDIWAIT	Subroutine to suspend a program
GENDATE	YR2000 Century Subroutine and System Dates
GEXIT01	City and State Concatenation Mapping Exit Subroutine
GEXIT02	Zip Code Build Mapping Exit Subroutine
LOADCN1	Reset Hash and Accumulators Mapping Exit Subroutine
TIME6	Format 6 byte Time Mapping Exit Subroutine
XECB0008	Partner Lookup Mapping Exit Subroutine

## Online Load Library

### Main Processing Programs

EDIX000	Sterling Gentran Logon
EDIX001	Sterling Gentran Main Menu

### Partner Maintenance Programs

EDIX005	Partner Maintenance Menu
EDIX006	Partner Cross Reference by partner
EDIX007	Partner Selection Menu
EDIX008	Cross Reference
EDIX009	Partner X-Ref Menu
EDIX010	Partner Directory
EDIX012	Control Information UNA
EDIX013	Control Information SCH
EDIX014	Control Information STX
EDIX015	Control Information
EDIX016	Control Information ISA
EDIX017	Control Information BG/GS
EDIX018	Control Information ICS
EDIX019	Control Information UNB
EDIX020	Group Directory Partner Maintenance
EDIX021	Control Information UNB, syntax 4
EDIX022	Control Information UNB, syntax 4
EDIX023	Partner Relationship by EDI ID
EDIX024	Partner Relationship by User/Partner
EDIX025	Transaction Directory Partner Maintenance
EDIX026	Partner Header Information
EDIX027	Partner Interchange Directory
EDIX030	Group Information
EDIX031	Group Information BAT
EDIX032	Group Information UNG
EDIX033	Group Information GS
EDIX035	Name and Address
EDIX036	Name and Address (Part 2)
EDIX040	Transaction Information
EDIX041	Transaction Information MHD

EDIX042	Transaction Information UNH
EDIX043	Transaction Information ST
EDIX045	User Defined
EDIX046	Transaction Information UNH, Syntax 4
EDIX047	Transaction Information UNH, Syntax 4
EDIX050	Data Separation
EDIX055	Error Rejection
EDIX060	Copy All Records
EDIX099	Logoff

### Partner Trading Mode Conversion

EDIU100	Partner Migration Selection Menu
EDIU200	Partner profile display for selection of User ID
EDIU300	Partner profile display for selection of Partner ID
EDIU400	Display partner relationship records.
EDIU500	Maintain user file records.
EDIU600	Data Translation Table directory
EDIU610	Data Table Migration
EDIU620	Data Table Migration Maintenance

### Standards Maintenance Programs

EDIX100	Standards Maintenance Selection Menu
EDIX105	Standards Association
EDIX110	Version
EDIX111	Version Directory
EDIX113	Version/Transaction Directory
EDIX120	Transaction
EDIX121	Transaction Directory
EDIX122	Transaction Directory – TRADACOMS
EDIX130	Segment
EDIX140	Segment Element
EDIX141	Element Conditional Code Maintenance
EDIX150	Segment Element Activity
EDIX160	Data Element Definition
EDIX170	Code Menu
EDIX171	Code List Directory
EDIX172	Code List

EDIX173	Code List Options
EDIX180	Transaction In Use

### **Security Maintenance Programs**

EDIX200	Security Maintenance Selection Menu
EDIX201	User ID Maintenance (Part 1)
EDIX202	User ID Maintenance (Part 2)
EDIX203	User ID Directory

### **Error Message Maintenance Programs**

EDIX210	Administrative Maintenance Main Menu
EDIX211	Main Menu Message Maintenance
EDIX212	Error Message Directory
EDIX213	Error Message Update
EDIX214	Error Message Rejection Update

### **Global Parameter Maintenance Programs**

EDIX220	Global Inbound and Global Outbound Update Part 1
EDIX221	Global Inbound and Global Outbound Update Part 2
EDIX222	Global Inbound and Global Outbound Update Part 3
EDIX223	Global Inbound and Global Outbound Update Part 4
EDIX224	Global Inbound and Global Outbound Update Part 5
EDIX225	Global Inbound and Global Outbound Update Part 6
EDIX230	Global Configuration Directory
EDIX231	Global Configuration Update

### **Message Center Programs**

EDIX245	Message Center Activity Summary
EDIX246	Message Center Job Detail
EDIX247	Message Center Report Display

### **Utility Programs**

EDIBOBI	Online Batch Initiator
EDIPRBSC	Point Release Number for Sterling Gentran:Basic
EDIPRCTL	Point Release Number for Sterling Gentran:Control
EDIPRTE	Point Release Number for Sterling Gentran:Realtime
EDIR060	Copy/upload EDI Application Data records.
EDIR076	Copy/upload Codes Table records.
EDIR080	Copy/upload Transaction file records.



## Online Load Library

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EDIR086	Copy/upload Partner XREF file records.
EDIR087	Copy/upload EDI partner file records.
EDIX235	Load data to Sterling Gentran files.
EDIX900	Online Help
EDIX980	Sterling Gentran:Viewpoint Online Gateway stub

## Databank Maintenance Programs

EDICQW	Change Queue Write
EDIEOLD	Online Log Display
EDIEOMH	Online Message Handler
EDIMVC	Variable Length Move routine
EDIX240	Acknowledgment Overdue Directory
EDIX241	Acknowledgment Overdue Detail
EDIX25A	Group Directory – Date
EDIX250	Databank Maintenance Menu
EDIX251	Interchange Status
EDIX252	Group Status
EDIX253	Transaction Status
EDIX254	Interchange Directory
EDIX255	Group Directory
EDIX256	Interchange Display
EDIX257	Group Display
EDIX258	Transaction Status Detail
EDIX259	Transaction Display
EDIX260	Segment Display
EDIX261	Data Element Display
EDIX262	Document Directory
EDIX263	Document Status
EDIX264	Document Display
EDIX265	Document Status Detail
EDIX266	Record Display
EDIX267	Field Display
EDIX268	Change Audit Directory.
EDIX269	Change Audit Status.
EDIX270	Change Audit Status Detail
EDIX271	Interchange Status Detail
EDIX280	Numeric Conversion

EDIX281	Numeric Conversion
EDIX290	Databank Monitor
EDIX291	Databank Manager – Inbound EDI Databank
EDIX292	Databank Manager – Outbound EDI Databank
EDIX293	Databank Manager – Inbound Application Databank
EDIX294	Databank Manager – Outbound Application Databank
EDIX296	Edit Control Module – allows editing
EDIX297	Edit Control Module – does not allow editing

### **Mapping Integration Programs**

EDIX500	Transaction Mapping Menu
EDIX501	Copy Transaction
EDIX502	Copy Segments from Standard
EDIX503	Transaction Maintenance
EDIX504	Segments
EDIX505	Copy Segments from Transaction.
EDIX507	Subfields
EDIX508	Extended Element Mapping Outbound
EDIX509	Select Codes.
EDIX510	Select Application Data.
EDIX511	Element Mapping Outbound
EDIX512	Transaction Mapping Directory
EDIX513	Extended Element Mapping Inbound
EDIX514	Element Mapping Inbound
EDIX515	Element Information
EDIX517	Repeating Data Elements
EDIX550	Application Definition Menu
EDIX551	Application Directory
EDIX552	Application Data ID
EDIX553	Application Records
EDIX554	Application Fields
EDIX555	Application Partner Reference
EDIX557	Copy Application Records
EDIX558	Application Envelope Definition
EDIX580	Code and Data Translation Menu
EDIX581	Define Translation Table
EDIX582	Copy Code or Data

EDIX583	Code Translation
EDIX584	Data Translation
EDIX585	Data Validation
EDIX586	Translation Table Directory
EDIX599	Sterling Gentran Mapping Integration Menu

### Change Audit Programs

EDIR320	Sterling Gentran:Realtime OCF Change Audit Directory
EDIR321	Sterling Gentran:Realtime OCF Change Audit Status
EDIR322	Sterling Gentran:Realtime OCF Change Audit Detail
EDIR880	Sterling Gentran:Realtime Request Change Audit Directory
EDIR881	Sterling Gentran:Realtime Request Change Audit Status
EDIR882	Sterling Gentran:Realtime Request Change Audit Detail
EDIX070	Partner Change Audit Directory
EDIX071	Partner Change Audit Status
EDIX072	Partner Change Audit Detail
EDIX074	Partner Cross-Reference Change Audit Directory
EDIX075	Partner Cross-Reference Change Audit Status
EDIX076	Partner Cross-Reference Change Audit Detail
EDIX077	Trading Partner Relationship Change Audit Directory
EDIX078	Trading Partner Relationship Change Audit Status
EDIX079	Trading Partner Relationship Change Audit Detail
EDIX181	Standards Change Audit Directory
EDIX182	Standards Change Audit Status
EDIX183	Standards Change Audit Detail
EDIX204	Security Change Audit Directory
EDIX205	Security Change Audit Status
EDIX206	Security Change Audit Detail
EDIX209	Change Audit Main Menu
EDIX215	Error Message Change Audit Directory
EDIX216	Error Message Change Audit Status
EDIX217	Error Message Change Audit Detail
EDIX226	Global Parameter Change Audit Directory
EDIX227	Global Parameter Change Audit Status
EDIX228	Global Parameter Change Audit Detail
EDIX232	System Configuration Change Audit Directory
EDIX233	System Configuration Change Audit Status

EDIX234	System Configuration Change Audit Detail
EDIX520	Transaction Change Audit Directory
EDIX521	Transaction Change Audit Status
EDIX522	Transaction Change Audit Detail
EDIX560	Application Change Audit Directory
EDIX561	Application Change Audit Status
EDIX562	Application Change Audit Detail
EDIX587	Code Table Change Audit Directory
EDIX588	Code Table Change Audit Status
EDIX589	Code Table Change Audit Detail
EDIX938	Separator Change Audit Directory
EDIX939	Separator Change Audit Status
EDIX940	Separator Change Audit Detail

**Sterling Gentran:Control Main Processing Programs**

EDIX300	Sterling Gentran:Control Main Menu
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**Sterling Gentran:Control System Maintenance Programs**

EDIX301	System Options Maintenance
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**Sterling Gentran:Control Queue Maintenance Programs**

EDIX302	Queue Directory
EDIX303	Queue Options Maintenance
EDIX305	Extended Queue Options Maintenance
EDIX306	Queue Options Debug Detail
EDIX307	Queue Options Data Display

**Sterling Gentran:Control Online Log Programs**

EDIX304	Online Log Display
EDIX308	Online Log Detailed Display

**Sterling Gentran:Realtime Databank Input/Output & Maintenance Programs**

EDID151	Outbound Application Databank Maintenance
EDID152	Outbound Application Databank Interface subroutine
EDID251	Outbound EDI Databank Maintenance
EDID252	Outbound EDI Databank Interface subroutine
EDID255	Outbound EDI Databank Extract
EDID351	Inbound EDI Databank Maintenance
EDID352	Inbound EDI Databank Interface subroutine
EDID451	Inbound Application Databank Maintenance

EDID452	Inbound Application Databank Interface subroutine
EDID455	Inbound Application Databank Extract
EDID515	Acknowledgment Reconciliation/Monitor program
EDID516	Acknowledgement Reconciliation/Monitor Reformatter program
EDID552	Change Audit Maintenance

### **Sterling Gentran:Realtime Utility Programs**

EDIABEND	Screen abend handler
EDIEOBI	Sterling Gentran:Control Online Batch Initiator
EDIEOIG	Sterling Gentran:Control Online Input Gateway
EDIEOOG	Sterling Gentran:Control Online Output Gateway
EDIEOQR	Sterling Gentran:Control Online Queue Read
EDIEOQW	Sterling Gentran:Control Online Queue Write
EDIEOSI	Sterling Gentran:Control Online Scanner/Initiator
EDIETOGL	Shutdown or Start the Scanner
EDIRADDR	Sterling Gentran:Realtime Address subroutine
EDIRASYN	Sterling Gentran:Realtime Asynchronous Gateway
EDIRCAP	Sterling Gentran:Realtime User Exit for data capture
EDIRENV	Sterling Gentran:Realtime Outbound Mapper Envelope Exit to merge Acknowledgements
EDIROMH	Sterling Gentran:Realtime Online Message Handler
EDIROQR	Sterling Gentran:Realtime Online Queue Read
EDIROQW	Sterling Gentran:Realtime Online Queue Write
EDIRPLT	Sterling Gentran:Realtime PLT program
EDIRSTOP	Sterling Gentran:Realtime Stop/Start program
EDIRWRPT	Sterling Gentran:Realtime Read TSQ and Write to Report file
EDIR021	Sterling Gentran:Realtime ACK \$\$ADD Generate program
EDIR065	Sterling Gentran:Realtime Associated Data Read
EDIR066	Sterling Gentran:Realtime Associated Data Write
EDIR077	Sterling Gentran:Realtime EDI Option 1 Path Copy
EDIR100	Sterling Gentran:Realtime Separator Gateway
EDIR101	Sterling Gentran:Realtime Outbound Application Gateway
EDIR102	Sterling Gentran:Realtime Outbound Communication Gateway
EDIR103	Sterling Gentran:Realtime Inbound Communication Gateway
EDIR104	Sterling Gentran:Realtime Inbound Application Gateway
EDIR105	Sterling Gentran:Realtime Extract Driver
EDIR106	Sterling Gentran:Realtime Associated Data Gateway

EDIR312	Sterling Gentran:Realtime Report Initialization subroutine
EDIR313	Sterling Gentran:Realtime Shell Driver routine
EDIR314	Sterling Gentran:Realtime Sterling Connect Outbound Interface
EDIR315	Sterling Gentran:Realtime Sterling Connect Wakeup
EDIR316	Sterling Gentran:Realtime Sterling Connect Inbound Interface
EDIR317	Sterling Gentran:Realtime Sterling Connect Batch Number Update
EDIR852	Sterling Gentran:Realtime Exception Handler Exit
EDIR855	Sterling Gentran:Realtime Status Reconciliation
EDIR856	Sterling Gentran:Realtime Databank Reprocessing Driver
EDIR900	Sterling Gentran:Realtime Path Initialization subroutine
EDIR901	Sterling Gentran:Realtime Active Path Initialization subroutine
EDIR999	Sterling Gentran:Realtime User Online Log Interface

### **Sterling Gentran:Realtime Test Programs**

EDIESOA	Sterling Gentran:Control Sample Online Application
EDIRSLTS	Sterling Gentran:Realtime Test Results Destination program
EDIRSOA	Sterling Gentran:Realtime Sample Online Application
EDIRTOU	Sterling Gentran:Realtime Test Output Destination program
EDIRXIT1	Sterling Gentran:Realtime Test Exit program
EDIRXIT2	Sterling Gentran:Realtime Test Exit program
EDISGXT	Sterling Gentran:Realtime Test Exit program
EDISXIT	Sterling Gentran:Realtime Separator Exit
EDITPGM	Online Test program
EDIVING	Sterling Gentran:Realtime Test Exit program
EDIXIT3	Sterling Gentran:Realtime Test Exit program
EDIXIT4	Sterling Gentran:Realtime Test Exit program
EDIXIT5	Sterling Gentran:Realtime Test Exit program

### **Sterling Gentran:Realtime Translation Programs**

EDIR001	Sterling Gentran:Realtime Inbound Editor
EDIR002	Sterling Gentran:Realtime Outbound Editor
EDIR015	Sterling Gentran:Realtime Inbound Splitter
EDIR016	Sterling Gentran:Realtime Outbound Splitter
EDIR041	Sterling Gentran:Realtime Inbound Mapper
EDIR042	Sterling Gentran:Realtime Outbound Mapper
EDIR043	Sterling Gentran:Realtime Mapper subroutine
EDIR044	Sterling Gentran:Realtime Mapper subroutine

EDIR045	Sterling Gentran:Realtime Mapper subroutine
EDIR046	Sterling Gentran:Realtime Mapper subroutine
EDIR047	Sterling Gentran:Realtime Mapper subroutine
EDIR049	Sterling Gentran:Realtime Mapper subroutine
EDIR050	Sterling Gentran:Realtime Mapper subroutine
EDIR051	Sterling Gentran:Realtime Mapper subroutine
EDIR056	Sterling Gentran:Realtime Envelope Generator
EDIR110	Sterling Gentran:Realtime Acknowledgment Reformat
EDIR113	Sterling Gentran:Realtime Standards Loader
EDIR114	Sterling Gentran:Realtime Code Validation

**Sterling Gentran:Realtime System Programs**

EDIR301	Sterling Gentran:Realtime System Options Maintenance
EDIR302	Sterling Gentran:Realtime Queue Directory
EDIR303	Sterling Gentran:Realtime Queue Options
EDIR304	Sterling Gentran:Realtime Online Log Display
EDIR305	Sterling Gentran:Realtime Extended Queue Options
EDIR306	Sterling Gentran:Realtime Queue Debug Detail
EDIR307	Sterling Gentran:Realtime Queue Data Display
EDIR308	Sterling Gentran:Realtime Online Log Detail Display
EDIR310	Sterling Gentran:Realtime Report System Directory
EDIR311	Sterling Gentran:Realtime Report System Display
EDIR800	Sterling Gentran:Realtime Main Menu
EDIR801	Sterling Gentran:Realtime Maintenance Submenu
EDIR810	Sterling Gentran:Realtime Immediate Directory
EDIR811	Sterling Gentran:Realtime Immediate Options
EDIR820	Sterling Gentran:Realtime Schedule Directory
EDIR821	Sterling Gentran:Realtime Schedule Options
EDIR822	Sterling Gentran:Realtime Extended Schedule Options
EDIR83A	Sterling Gentran:Realtime Outbound Global Path Parameters Maintenance – 1
EDIR83B	Sterling Gentran:Realtime Outbound Global Path Parameters Maintenance – 2
EDIR83C	Sterling Gentran:Realtime Outbound Global Path Parameters Maintenance – 3
EDIR83D	Sterling Gentran:Realtime Mapper Path Parameters Maintenance
EDIR83E	Sterling Gentran:Realtime Mapper Path Parameters Maintenance

EDIR830	Sterling Gentran:Realtime Path Options Directory
EDIR831	Sterling Gentran:Realtime Shell Path Maintenance
EDIR832	Sterling Gentran:Realtime Mapper Path Maintenance
EDIR833	Sterling Gentran:Realtime Editor Path Maintenance – 2
EDIR834	Sterling Gentran:Realtime Shell2 Path Maintenance
EDIR835	Sterling Gentran:Realtime Editor Path Maintenance – 3
EDIR836	Sterling Gentran:Realtime Editor Path Maintenance – 4
EDIR837	Sterling Gentran:Realtime Mapper Path Maintenance – 2
EDIR838	Sterling Gentran:Realtime Mapper Path Maintenance – 3
EDIR839	Sterling Gentran:Realtime Shell-2 Path Parameters Maintenance
EDIR84A	Sterling Gentran:Realtime Outbound Global Parameter Override Maintenance – 3
EDIR84B	Sterling Gentran:Realtime Additional Shell Path Maintenance
EDIR84C	Sterling Gentran:Realtime Outbound Global Parameter Override Maintenance – 4
EDIR84D	Sterling Gentran:Realtime Outbound Global Parameter Override Maintenance – 5
EDIR84E	Sterling Gentran:Realtime Additional Shell Steps Maintenance
EDIR84F	Sterling Gentran:Realtime Additional Shell Steps Maintenance
EDIR84I	Sterling Gentran:Realtime Outbound Mapper-2 Path Maintenance
EDIR84J	Sterling Gentran:Realtime Outbound Mapper-4 Path Maintenance
EDIR84K	Sterling Gentran:Realtime Inbound Mapper-2 Path Maintenance
EDIR842	Sterling Gentran:Realtime Mailbox Outbound Parameters
EDIR843	Sterling Gentran:Realtime Mailbox Inbound Parameters
EDIR844	Sterling Gentran:Realtime Shell3 Path Maintenance
EDIR845	Sterling Gentran:Realtime Outbound ACK \$\$ADD Generate Maintenance
EDIR846	Sterling Gentran:Realtime Global Path Parameters Maintenance
EDIR847	Sterling Gentran:Realtime Global Path Parameters Maintenance
EDIR848	Sterling Gentran:Realtime Global Path Parameters Maintenance
EDIR849	Sterling Gentran:Realtime Global Path Parameter Override Maintenance – 7
EDIR850	Sterling Gentran:Realtime Exception Processing Directory
EDIR851	Sterling Gentran:Realtime Exception Processing List
EDIR853	Sterling Gentran:Realtime Exception Processing Display
EDIR860	Sterling Gentran:Realtime Copy Menu
EDIR862	Sterling Gentran:Realtime Databank Maintenance Menu



EDIR863	Sterling Gentran:Realtime Outbound Application Maintenance
EDIR864	Sterling Gentran:Realtime Outbound EDI Maintenance
EDIR865	Sterling Gentran:Realtime Inbound EDI Maintenance
EDIR866	Sterling Gentran:Realtime Inbound Application Maintenance
EDIR867	Sterling Gentran:Realtime Acknowledgment Monitor Maintenance
EDIR868	Sterling Gentran:Realtime Outbound EDI Databank Extract Maintenance
EDIR869	Sterling Gentran:Realtime Outbound EDI Databank Extract Maintenance – 2
EDIR870	Sterling Gentran:Realtime Active Path Summary
EDIR871	Sterling Gentran:Realtime Active Path Detail
EDIR872	Sterling Gentran:Realtime Inbound Application Databank Extract Maintenance
EDIR873	Sterling Gentran:Realtime Inbound Application Databank Extract Maintenance– 2
EDIR874	Sterling Gentran:Realtime Change Audit Maintenance

### Separator Subsystem

EDIR930	Separator Driver
EDIR931	ANSI Priority Lookup
EDIR932	EDIFACT Priority Lookup
EDIR933	TRADACOMS Priority Lookup
EDIR934	Separator Menu
EDIR935	Separator Systems Options
EDIR936	Separator ID Directory
EDIR937	Separator IDs Maintenance
EDIR938	Monitor Display
EDIR940	Monitor Input/Output
EDIR945	Router

### Main Processing Screens

EDIZ000	Sterling Gentran Logon
EDIZ001	Sterling Gentran Main Menu

### Partner Maintenance Screens

EDIZ005	Partner Menu
EDIZ006	Cross-Reference by Partner
EDIZ007	Partner Selection Menu
EDIZ008	Cross Reference by X-Ref ID
EDIZ009	Cross Reference Menu

EDIZ010	Partner Directory
EDIZ012	Control Information UNA (Part 2)
EDIZ013	Control Information SCH (Part 2)
EDIZ014	Control Information STX (Part 2)
EDIZ015	Control Information (Part 1)
EDIZ016	Control Information ISA (Part 2)
EDIZ017	Control Information GS & BG (Part 2)
EDIZ018	Control Information ICS (Part 2)
EDIZ019	Control Information UNB (Part 2)
EDIZ020	Group Directory
EDIZ021	Control Information UNB, syntax 4
EDIZ022	Control Information UNB, syntax 4
EDIZ023	Partner Relationship by EDI ID
EDIZ024	Partner Relationship by User/Partner
EDIZ025	Transaction Directory
EDIZ026	Partner Header Information
EDIZ027	Partner Interchange Directory
EDIZ030	Group Information (Part 1)
EDIZ031	Group Information BAT (Part 2)
EDIZ032	Group Information UNG (Part 2)
EDIZ033	Group Information GS (Part 2)
EDIZ035	Name and Address
EDIZ036	Name and Address (Part 2)
EDIZ040	Transaction Information (Part 1)
EDIZ041	Transaction Information MHD (Part 2)
EDIZ042	Transaction Information UNG (Part 2)
EDIZ043	Transaction Information ST (Part 2)
EDIZ045	User Defined
EDIZ046	Transaction Information UNH, syntax 4
EDIZ047	Transaction Information UNH, syntax 4
EDIZ050	Data Definition
EDIZ055	Error Rejection
EDIZ060	Copy All Records.
EDIZ099	System Sign-off

### Partner Trading Mode Conversion Screens

EDIV100	Partner Migration Selection Menu
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EDIV200	Partner profile display for section of user ID
EDIV300	Partner profile display for selection of partner ID
EDIV400	Display partner relationship records
EDIV500	Maintain User File Records
EDIV600	Data Translation Table Directory screen
EDIV610	Data Table Migration screen
EDIV620	Data Table Migration Maintenance screens

### Standards Maintenance Screens

EDIZ100	Standard Maintenance Main Menu
EDIZ105	Standard Association
EDIZ110	Version
EDIZ111	Version Directory
EDIZ113	Version/Transaction Directory
EDIZ120	Transaction
EDIZ121	Transaction Directory
EDIZ122	Transaction Directory – TRADACOMS
EDIZ130	Segment
EDIZ140	Segment Element
EDIZ141	Condition Code
EDIZ150	Activity
EDIZ160	Dictionary
EDIZ170	Code Menu
EDIZ171	Code List Directory
EDIZ172	Code List
EDIZ173	Code List Options
EDIZ180	Transaction In Use

### Security Maintenance Screens

EDIZ200	Security Maintenance Main Menu
EDIZ201	User ID Maintenance (Part 1)
EDIZ202	User ID Maintenance (Part 2)
EDIZ203	User ID Directory

### Error Message Maintenance Screens

EDIZ210	Administrative Maintenance Main Menu
EDIZ211	Main Menu Message Maintenance
EDIZ212	Error Message Directory

EDIZ213	Error Message Update
EDIZ214	Error Message Rejection Update

### **Global Parameters Maintenance Screens**

EDIZ22A	Outbound Global Parameters Maintenance 1 screen
EDIZ22B	Outbound Global Parameters Maintenance 2 screen
EDIZ22C	Outbound Global Parameters Maintenance 3 screen
EDIZ22D	Outbound Global Parameters Maintenance 4 screen
EDIZ22E	Outbound Global Parameters Maintenance 5 screen
EDIZ22F	Outbound Global Parameters Maintenance 6 screen
EDIZ220	Global Inbound and Global Outbound Update Part 1
EDIZ221	Global Inbound and Global Outbound Update Part 2
EDIZ222	Global Inbound and Global Outbound Update Part 3
EDIZ223	Global Inbound and Global Outbound Update Part 4
EDIZ224	Global Inbound and Global Outbound Update Part 5
EDIZ225	Global Inbound and Global Outbound Update Part 6
EDIZ230	Global Configuration Directory
EDIZ231	Global Configuration Update

### **Message Center Screens**

EDIZ245	Message Center Activity Summary
EDIZ246	Message Center Job Detail
EDIZ247	Message Center Report Display

### **Utilities Screens**

EDIZ235	Load data to Sterling Gentran files
EDIZ900	Online Help

### **Databank Maintenance Screens**

EDIZOLD	Online Log
EDIZ240	Acknowledgment Overdue Directory
EDIZ241	Acknowledgment Overdue Detail
EDIZ25A	Group Directory – Date
EDIZ250	Databank Maintenance Menu
EDIZ251	Interchange Status
EDIZ252	Group Status
EDIZ253	Transaction Status
EDIZ254	Interchange Directory
EDIZ255	Group Directory

EDIZ256	Interchange Display
EDIZ257	Group Display
EDIZ258	Transaction Status Detail
EDIZ259	Transaction Display
EDIZ260	Segment Display
EDIZ261	Data Element Display
EDIZ262	Document Directory
EDIZ263	Document Status
EDIZ264	Document Display
EDIZ265	Document Status Detail
EDIZ266	Record Display
EDIZ267	Field Display
EDIZ268	Change Audit Directory
EDIZ269	Change Audit Status
EDIZ270	Change Audit Status Detail
EDIZ271	Interchange Status Detail

### Mapping Integration Screens

EDIZ500	Transaction Mapping Menu
EDIZ501	Copy Transaction
EDIZ502	Copy Segment From Standard
EDIZ503	Transaction Maintenance
EDIZ504	Segments
EDIZ505	Copy Segments From Transaction
EDIZ507	Subfields
EDIZ508	Extended Mapping Outbound
EDIZ509	Select Codes.
EDIZ510	Select Application Data.
EDIZ511	Element Mapping Outbound
EDIZ512	Transaction Mapping Directory
EDIZ513	Extended Element Mapping Inbound
EDIZ514	Element Mapping Inbound
EDIZ515	Element Information
EDIZ517	Repeating Data Elements
EDIZ550	Application Definition Menu
EDIZ551	Application Directory
EDIZ552	Application Data

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EDIZ553	Application Records
EDIZ554	Application Fields
EDIZ555	Application Partner Reference
EDIZ557	Copy Application Definition.
EDIZ558	Application Envelope Definition
EDIZ580	Code and Data Translation Menu
EDIZ581	Define Translation Table.
EDIZ582	Copy Code or Data
EDIZ583	Code Translation
EDIZ584	Data Translation By Partner
EDIZ585	Data Validation
EDIZ586	Table Directory
EDIZ599	Sterling Gentran Mapping Integration Main Menu

### **Change Audit Screens**

EDIS320	Sterling Gentran:Realtime OCF Change Audit Directory
EDIS321	Sterling Gentran:Realtime OCF Change Audit Status
EDIS322	Sterling Gentran:Realtime OCF Change Audit Detail
EDIS880	Sterling Gentran:Realtime Request Change Audit Directory
EDIS881	Sterling Gentran:Realtime Request Change Audit Status
EDIS882	Sterling Gentran:Realtime Request Change Audit Detail
EDIZ070	Partner Change Audit Directory
EDIZ071	Partner Change Audit Status
EDIZ072	Partner Change Audit Detail
EDIZ074	Partner Cross-Reference Change Audit Directory
EDIZ075	Partner Cross-Reference Change Audit Status
EDIZ076	Partner Cross-Reference Change Audit Detail
EDIZ077	Trading Partner Relationship Change Audit Directory
EDIZ078	Trading Partner Relationship Change Audit Status
EDIZ079	Trading Partner Relationship Change Audit Detail
EDIZ181	Standards Change Audit Directory
EDIZ182	Standards Change Audit Status
EDIZ183	Standards Change Audit Detail
EDIZ204	Security Change Audit Directory
EDIZ205	Security Change Audit Status
EDIZ206	Security Change Audit Detail
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EDIZ215	Error Message Change Audit Directory
EDIZ216	Error Message Change Audit Status
EDIZ217	Error Message Change Audit Detail
EDIZ226	Global Parameter Change Audit Directory
EDIZ227	Global Parameter Change Audit Status
EDIZ228	Global Parameter Change Audit Detail
EDIZ232	System Configuration Change Audit Directory
EDIZ233	System Configuration Change Audit Status
EDIZ234	System Configuration Change Audit Detail
EDIZ520	Transaction Change Audit Directory
EDIZ521	Transaction Change Audit Status
EDIZ522	Transaction Change Audit Detail
EDIZ560	Application Change Audit Directory
EDIZ561	Application Change Audit Status
EDIZ562	Application Change Audit Detail
EDIZ587	Code Table Change Audit Directory
EDIZ588	Code Table Change Audit Status
EDIZ589	Code Table Change Audit Detail
EDIZ938	Separator Change Audit Directory
EDIZ939	Separator Change Audit Status
EDIZ940	Separator Change Audit Detail

### **Sterling Gentran:Control Main Processing Screen**

EDIZ300	Sterling Gentran:Control Main Menu BMS Map
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### **Sterling Gentran:Control System Maintenance Screen**

EDIZ301	System Options Maintenance BMS Map
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### **Sterling Gentran:Control Queue Maintenance Screens**

EDIZ302	Queue Directory BMS Map
EDIZ303	Queue Options Maintenance BMS Map
EDIZ305	Extended Queue Options Maintenance BMS Map
EDIZ306	Queue Options Debug Detail BMS Map
EDIZ307	Queue Options Data Display BMS Map

### **Sterling Gentran:Control Online Log Screens**

EDIZ304	Online Log Display BMS Map
EDIZ308	Online Log Detailed Display BMS Map

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**Sterling Gentran:Realtime System Screens**

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EDIS302	Sterling Gentran:Realtime Queue Directory screen
EDIS303	Sterling Gentran:Realtime Queue Options screen
EDIS304	Sterling Gentran:Realtime Online Log Display screen
EDIS305	Sterling Gentran:Realtime Extended Queue Options screen
EDIS306	Sterling Gentran:Realtime Debug Detail screen
EDIS307	Sterling Gentran:Realtime Data Display screen
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EDIS311	Sterling Gentran:Realtime Report Display screen
EDIS800	Sterling Gentran:Realtime Main Menu
EDIS801	Sterling Gentran:Realtime Maintenance Menu
EDIS810	Sterling Gentran:Realtime Immediate Directory screen
EDIS811	Sterling Gentran:Realtime Immediate Options screen
EDIS820	Sterling Gentran:Realtime Schedule Directory screen
EDIS821	Sterling Gentran:Realtime Schedule Option screen
EDIS822	Sterling Gentran:Realtime Extended Schedule Option screen
EDIS83A	Sterling Gentran:Realtime Outbound Global Path Parameters – 1 screen
EDIS83B	Sterling Gentran:Realtime Outbound Global Path Parameters – 2 screen
EDIS83C	Sterling Gentran:Realtime Outbound Global Path Parameters – 3 screen
EDIS83D	Sterling Gentran:Realtime Mapper Path Parameters – 1 screen
EDIS83E	Sterling Gentran:Realtime Mapper Path Parameters – 2 screen
EDIS830	Sterling Gentran:Realtime Path Directory screen
EDIS831	Sterling Gentran:Realtime Shell Path screen
EDIS832	Sterling Gentran:Realtime Mapper Path screen
EDIS833	Sterling Gentran:Realtime Editor Path screen
EDIS834	Sterling Gentran:Realtime Editor Path screen – 2
EDIS835	Sterling Gentran:Realtime Editor Path screen – 3
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EDIS837	Sterling Gentran:Realtime Mapper Path screen – 2
EDIS838	Sterling Gentran:Realtime Mapper Path screen – 3
EDIS839	Sterling Gentran:Realtime Shell 2 Parameters
EDIS84A	Sterling Gentran:Realtime Outbound Global Parameter Override 3 screen
EDIS84B	Sterling Gentran:Realtime Additional Shell Path screen
EDIS84C	Sterling Gentran:Realtime Outbound Global Parameter Override 4 screen



EDIS84D	Sterling Gentran:Realtime Outbound Global Parameter Override 5 screen
EDIS84E	Sterling Gentran:Realtime Additional Shell Steps screen
EDIS84F	Sterling Gentran:Realtime Additional Shell Steps screen
EDIS84I	Sterling Gentran:Realtime Outbound Mapper – 2 Path screen
EDIS84J	Sterling Gentran:Realtime Outbound Mapper – 4 Path screen
EDIS84K	Sterling Gentran:Realtime Inbound Mapper – 2 Path screen
EDIS842	Sterling Gentran:Realtime Mailbox Outbound Parameters screen
EDIS843	Sterling Gentran:Realtime Mailbox Inbound Parameters screen
EDIS844	Sterling Gentran:Realtime Shell 3 Path screen
EDIS845	Sterling Gentran:Realtime Outbound ACK \$\$ADD Generate Maintenance screen
EDIS846	Sterling Gentran:Realtime Global Parameter Override Maintenance-4 screen
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EDIS848	Sterling Gentran:Realtime Global Parameter Override Maintenance-6 screen
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EDIS853	Sterling Gentran:Realtime Exception Processing Detail screen
EDIS860	Sterling Gentran:Realtime Copy Menu
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EDIS863	Sterling Gentran:Realtime Outbound Application screen
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EDIS870	Sterling Gentran:Realtime Active Path Summary screen
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EDIS872	Sterling Gentran:Realtime Inbound Application Databank Extract Maintenance screen

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EDIS935	Separator System Options Maintenance screen
EDIS936	Separator ID Directory screen
EDIS937	Separator ID Maintenance screen
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**Vector:Advantage Programs**

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EDIV320	Vector:Advantage Wire Post-Processor
EDIV330	Vector:Advantage Pre-Processor
EDIV340	Vector:Advantage Report System Directory
EDIV341	Vector:Advantage Report System Display
EDIV344	Vector:Advantage Error Message to log

**Vector:Advantage Screens**

EDIT340	Vector:Advantage Report System Directory screen
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## Utility Source Library

\$INDEX	An index of all the Utility Source Library members
ABENDBWS	Record layout – U999-Error-Variables.
APPFLDRC	Record layout – Application Field file.
APPHDRRC	Record layout – Application Header file.
APPRCTRC	Record layout – Application Record Type file.
APPTLRRC	Record layout – Application Link file.
CDECDERC	Record layout – Mapping Code Conversion Table file.
CDEDEFRC	Record layout – Mapping Table Definition file.
CDEDTARC	Record layout – Mapping Data Conversion Table file.
CDEVALRC	Record layout – Mapping Validation Table file.
CNTLINRC	Record layout – Control Inbound Numbers.
CNTLOTRC	Record layout – Control Outbound Numbers.
DARRC	Record layout – Acknowledgement Reconciliation file
DATES	Record layout – Working storage for WS-Dates.
DPGMID	Record layout – Dynamic program names for common programs.
DSFSCFG	Record layout – CFG file – File status & working storage entries.
DSFSCFGQ	Record layout – CFG TSQ – File status & working storage entries.
DSFSEYEC	Record layout – TSQ eyecatcher record.
DSFSTSNR	Record layout – RTE Sequence NR TSQ – File status & WS entries.
EBDI010	Source – Compressed Data Unwrapping – 80 Byte Records.
EBDI010A	Source – Compressed Data Unwrapping – 512 Byte Records.
EBDI055	Source – Generate 980 Transactions.
EBDI055A	Source – Generate 980 Transactions – expanded parameters.
EDIBPASS	Record layout – Bypass program COMMAREA.
EDIBXIT	Source – Sample Batch Submit exit
EDICFGQ	Record layout – System Configuration TSQ file layout.
EDICSTMT	Record layout – Copyright statement.
EDIDAPRC	Record layout – APFD-Record.
EDIDBPRC	Record layout – EDIDBP-Record.
EDIEIGCA	Record layout – Online Input Gateway COMMAREA.
EDIEOGCA	Record layout – Online Output Gateway COMMAREA.
EDIESQR	Source – Sample Queue Read.
EDIESQW	Source – Sample Queue Write.
EDIHAPRC	Record layout – APFH-Record.

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EDIHBP	Record layout – EDIHBP-Record.
EDIJUMP	Source – Create Custom Jump Code Table.
EDIOCF	Record layout – Online Control File Record.
EDIOCF	Record layout – Online Control File Scheduled Record.
EDIOCFI	Record layout – Online Control File Immediate Record.
EDIOCFQ	Record layout – Online Control File Queue Record.
EDIOCF	Record layout – Online Control File System Record.
EDIOLFD	Record layout – Online Log File Detail Record.
EDIOLFH	Record layout – Online Log File Header Record.
EDIQF	Record layout – Queue File Record.
EDIQFC	Record layout – Queue File Check-Point Duplex Record.
EDIQFD	Record layout – Queue File Data Record.
EDIQFH	Record layout – Queue File Header Record.
EDIQIH	Record layout – Queue Incore Header Record.
EDIRAGCA	Record layout – Asynchronous Gateway COMMAREA.
EDIRAGSP	Source – Sample Asynchronous processing.
EDIRCAP	Source – Sterling Gentran:Realtime Shell User Exit Data Capture.
EDIRCENI	Source – Sample Sterling Connect inbound interface.
EDIRCENO	Source – Sample Sterling Connect outbound interface.
EDIRCESI	Source – Sample Sterling Connect inbound interface.
EDIRCESO	Source – Sample Sterling Connect outbound interface.
EDIRENV	Source – Acknowledgment Envelope Exit.
EDIRGATE	Record layout – Online Gateway Data layout – COMMAREA between user and gateway.
EDIRLOG	Record layout – Sterling Gentran:Realtime EDI Log Messaging Interface Data structure.
EDIRPGDT	Source – Display program statistics.
EDIRPLT	Source – Start Online Scanner/Initiator, Path Load and Report System from PLT.
EDIRSCHD	Record layout – Data passed when the schedule options is used to start a transaction.
EDIRSLG	Source – Sample program of how to use the Sterling Gentran:Realtime Log Interface Routine.
EDIRSLTS	Source – Sterling Gentran:Realtime test output program.
EDIRSLTX	Source – Sterling Gentran:Realtime EDI Batch Result File Extract.
EDIRSOA	Source – Sterling Gentran:Realtime EDI Sample Online Application program.
EDIRSUM	Record layout – RTE Summary File Record.

EDIRTOUT	Source – Sterling Gentran:Realtime test output program.
EDIRUSRA	Record layout – COMMAREA for User Exit subroutine.
EDIRXEOB	Source – Sample Sterling Connect end of batch exit to initiate the CICS wake-up initiate exit.
EDIRXIT1	Source – Sterling Gentran:Realtime test output program.
EDIRXIT2	Source – Sterling Gentran:Realtime Sample Error Exit program.
EDIRXSEC	Source – Sample Sterling Connect security exit one.
EDIRXWUI	Source – Sample Sterling Connect CICS wake-up initiate exit.
EDIRXWUT	Source – Sample Sterling Connect CICS wake-up terminate exit.
EDIR852	Source – Sterling Gentran:Realtime EDI – Suspense Exit program.
EDISAPRC	Record layout – APFS-Record.
EDISGXT	Source – Sample Version 2 Mapper Exit.
EDISUBXT	Source – Sample Batch Submit Exit.
EDISXIT	Source – Sample Separator User Exit.
EDITPGM	Source – Read test data from the TESTDATA file.
EDITPGMX	Source – Load test data to the TESTDATA file.
EDITSNR	Record layout – ROQR Sequence NR TSQ Record layout.
EDIVING	Source – Sample Version 2 Mapper Exit.
EDIXIT3	Source – Sterling Gentran:Realtime Sample Start Exit program for Mapper.
EDIXIT4	Source – Sterling Gentran:Realtime Sample Start Exit program for Mapper.
EDIXIT5	Source – Sample Version 2 Mapper Exit.
EDIXSEC	Source – Security Exit Sample program.
ERRCTLRC	Record layout – Error Message file.
ESRMSG	Record layout – CICS Standardized Messaging Interface Data Structure.
FNFRCL	Record layout – Formatted Network file.
GENBYPAS	Source – Bypass Security Signon screen.
GENLL	Record layout – General batch working storage for Sterling Gentran:Viewpoint.
GEXIT01	Source – System Designated Mapper User Exit 01.
GEXIT02	Source – System Designated Mapper User Exit 02.
IAABRC	Record layout – Inbound Application Databank Interrupt Record.
IAAHRC	Record layout – Inbound Application Databank Directory Header.
IAATRC	Record layout – Inbound Application Databank Directory Document Message.
IASDRCL	Record layout – Inbound Application Databank Message Store Record.

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IEABRC	Record layout – Inbound EDI Databank Interrupt Record.
IEADRC	Record layout – Inbound EDI Databank Directory Group Record.
IEAGRC	Record layout – Inbound EDI Databank Directory Group Record.
IEAHRC	Record layout – Inbound EDI Databank Directory Header.
IEAIRC	Record layout – Inbound EDI Databank Interchange Record.
IEATRC	Record layout – Inbound EDI Databank Directory Transaction Record.
LOADCN1	Source – Pre Load Constant-01 for Mapping.
LSD202	Record layout – Linkage section – Outbound EDI Databank Interface.
LSD302	Record layout – Linkage section – Inbound EDI Databank Interface.
LSD512	Record layout – Linkage section – Outbound Application Databank Interface.
LSD602	Record layout – Linkage section – Inbound Application Databank Interface.
LSIEA	Record layout – Linkage section – Inbound EDI Databank Directory Record.
LSIG	Record layout – Linkage section – Input Gateway to application program.
LSMSG	Record layout – Standardized Messaging Data structures.
LSN100	Record layout – Linkage section – Sterling Gateway Viewpoint.
LSOEA	Record layout – Linkage section – Outbound EDI Databank Directory Record.
LSOIG	Record layout – Online Input Gateway.
LSOOG	Record layout – Online Output Gateway.
LSRTELOG	Record layout – Sterling Gentran:Realtime EDI Log Messaging Interface Data Structure.
LSR903	Record layout – COMMAREA FRP, EDOEPSE to EDIEOPI.
LSR93X	Record layout – Linkage section, Separator/Router programs.
MNHRC	Record layout – Monitor Header file.
MNSRC	Record layout – Monitor Store file.
NRCERC	Record layout – Network Reconciliation Record.
OAABRC	Record layout – Outbound Application Databank Interrupt Record.
OAAHRC	Record layout – Outbound Application Databank Directory Header.
OAATRC	Record layout – Outbound Application Databank Directory Document Message.
OASDRC	Record layout – Outbound Application Databank Message Store.
OEABRC	Record layout – Outbound EDI Databank Interrupt Record.
OEADRC	Record layout – Outbound EDI Databank Directory Group Record.
OEAGRC	Record layout – Outbound EDI Databank Directory Group Record.
OEAHRC	Record layout – Outbound EDI Databank Directory Header.

OEAIRC	Record layout – Outbound EDI Databank Interchange Record.
OEATRC	Record layout – Outbound EDI Databank Directory Transaction Record.
PARTNRRC	Record layout – Partner file.
PLREALGO	Source – Initialization routines for Sterling Gentran:Realtime CICS modules.
PRTCERRC	Record layout – Partner Cross Reference (Batch Partner maintenance).
PRTCNVRC	Record layout – Partner Conversion file.
PRTIAHRC	Record layout – Partner Header (Batch Partner maintenance).
PRTIBGRC	Record layout – Partner Input BG (Batch Partner maintenance).
PRTIB1RC	Record layout – Partner Input UNB (Batch Partner maintenance).
PRTIB2RC	Record layout – Partner Input UNB (Batch Partner maintenance).
PRTIB3RC	Record layout – Partner Input UNB (Batch Partner maintenance).
PRTIB4RC	Record layout – Partner Input UNB (Batch Partner maintenance).
PRTICIRC	Record layout – Partner Inbound Transaction (Batch Partner maintenance).
PRTICMRC	Record layout – Partner Miscellaneous (Batch Partner maintenance).
PRTICORC	Record layout – Partner Outbound Transaction (Batch Partner maintenance).
PRTIDSRC	Record layout – Partner Data Split Transaction (Batch Partner maintenance).
PRTIERRC	Record layout – Partner Error Rejection (Batch Partner maintenance).
PRTIGARC	Record layout – Partner Input UNA (Batch Partner maintenance).
PRTIGBRC	Record layout – Partner Input SCH (Batch Partner maintenance).
PRTIGHRC	Record layout – Partner Input UNH (Batch Partner maintenance).
PRTIGIRC	Record layout – Partner Inbound Group (Batch Partner maintenance).
PRTIGMRC	Record layout – Partner Inbound Group MISC. (Batch Partner maintenance).
PRTIGORC	Record layout – Partner Outbound Group (Batch Partner maintenance).
PRTIGSRC	Record layout – Partner Inbound GS Group (Batch Partner maintenance).
PRTIG1RC	Record layout – Partner UNG Group (Batch Partner maintenance).
PRTIG2RC	Record layout – Partner UNG Group (Batch Partner maintenance).
PRTIIARC	Record layout – Partner ISA (Batch Partner maintenance).
PRTIISRC	Record layout – Partner ICS (Batch Partner maintenance).
PRTIMHRC	Record layout – Partner MHD (Batch Partner maintenance).
PRTINBRC	Record layout – Partner Incoming Control Numbers.
PRTIN1RC	Record layout – Partner Name Address (Batch Partner maintenance).
PRTIN2RC	Record layout – Partner Name Address (Batch Partner maintenance).

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PRTIN3RC	Record layout – Partner Name Address (Batch Partner maintenance).
PRTIN4RC	Record layout – Partner Name Address (Batch Partner maintenance).
PRTIN5RC	Record layout – Partner Name Address (Batch Partner maintenance).
PRTIN6RC	Record layout - Partner Name Address (Batch Partner maintenance).
PRTISTRC	Record layout – Partner Input ST (Batch Partner maintenance).
PRTIS1RC	Record layout – Partner Input STX (Batch Partner maintenance).
PRTIS2RC	Record layout – Partner Input STX (Batch Partner maintenance).
PRTIS3RC	Record layout – Partner Input STX (Batch Partner maintenance).
PRTITIRC	Record layout – Partner Inbound Transaction (Batch Partner maintenance).
PRTITMRC	Record layout – Partner MISC. Transaction (Batch Partner maintenance).
PRTITORC	Record layout – Partner Outbound Transaction (Batch Partner maintenance).
PRTIUTRC	Record layout – Partner User Define (Batch Partner maintenance).
PRTOTBRC	Record layout – Partner Outbound Control Numbers.
PRTPRLRC	Record layout – Partner Relationship Transaction Source.
PRTRELRC	Record layout – Partner Relationship (Batch Partner maintenance).
PRTXRFRC	Record layout – Partner Cross Reference Record.
QSIOCFG	Source – System Configuration file I/O routines.
QSIOTSNR	Source – ROQR TDQ Sequence NR I/O routines.
QSRMSG	Source – CICS Standardized Messaging Interface.
REQAKRC	Record layout – REQ Acknowledgment Monitor Parameter Record.
REQCARC	Record layout – Change Audit Maintenance record.
REQEDTRC	Record layout – Editor Parameter Layout.
REQUIARC	Record layout – Inbound Application Databank Maintenance Records.
REQIAXRC	Record layout – INB Application Databank Extract Maintenance Records.
REQUIERC	Record layout – Inbound EDI Databank Maintenance Records.
REQMAPRC	Record layout – Mapper Parameter Layout for Sterling Gentran:Realtime.
REQMBXRC	Record layout – Sterling Connect Parameter Layout.
REQOARC	Record layout – Outbound Application Databank Maintenance Records.
REQOERC	Record layout – Outbound EDI Databank Maintenance Records.
REQOEXRC	Record layout – Outbound EDI Databank Extract Maintenance Records.
REQRC	Record layout – Request Record.
REQSHRC	Record layout – Shell Parameter Layout.
RLCICWS	Record layout – Working Storage for CICS programs.
RRCIC	Source – RTE Report Control file I/O.



RRCRC	Record layout – Online Report Control file.
RRCWS	Record layout – Online Report Control file working storage.
RRDIC	Source – RTE Report Detail file I/O.
RRDINCIC	Source – RTE Incore Report Detail file I/O.
RRDINCRC	Record layout – RTE Incore Report Detail file.
RRDINCWS	Record layout – RTE Incore Report Detail file working storage.
RRDRC	Record layout – Online Report Detail file.
RRDWS	Record layout – Online Report Detail file working storage.
RTECODES	Record layout – Working-storage Copybook to evaluate Sterling Gentran:Realtime Error Level and Status codes.
RTEELS	Record layout – COMMAREA between Shell and user exit.
RTEILS	Record layout – COMMAREA between Core and gateway.
RTERPTPL	Record layout – Sterling Gentran:Realtime EDI Report Handler routines for Online.
RTERPTWS	Record layout – Sterling Gentran:Realtime EDI Report Handler working storage.
RTEULS	Record layout – COMMAREA between user and gateway.
SEPDRC	Record layout – Separator Detail Record.
SEPRC	Record layout – Separator Header Record.
STDACTRC	Record layout – Standards Activity Record file.
STDCD1RC	Record layout – Standards Code Table file.
STDCD2RC	Record layout – Standards Code Table file.
STDCD3RC	Record layout – Standards Code Table file.
STDCD4RC	Record layout – Standards Code Table file.
STDDICRC	Record layout – Standards Element Dictionary file.
STDELDRC	Record layout – Standards Element description.
STDELERC	Record layout – Standards Segment Element file.
STDSEGRC	Record layout – Standards Segment file.
STDSGDRC	Record layout – Standards Segment description.
STDTRNRC	Record layout – Standards Transaction file.
STDVERRC	Record layout – Standards Version file.
STXRC	Record layout – EDI Databank Statistics Record (EDISTX).
SUMADVRC	Record layout – Summary Record for Vector:Advantage statistics from the Editors.
SUMMIWS	Record layout – Inbound Mapper summary data.
SUMMPWS	Record layout – Outbound Mapper summary data.
SUMTWS	Record layout – Inbound and Outbound Editor Summary Data.

TIME	Record layout – Working storage for "Time" routines.
TRNELERC	Record layout – Transaction Element file.
TRNHDRRC	Record layout – Transaction Header file.
TRNSEGRC	Record layout – Transaction Segment file.
USREXTBK	Record layout – User Call Block.
UTFTOV	JCL – Build variable length load module.
UTVTOF	JCL – reformat variable load module to fixed.
UTVTOFPG	Source – Create variable records.
VERSION	Record layout – Version release number.
VSIOVALS	Record layout – IO status codes returned by VSAM I/O operations.
XECB0008	Source – Process Partner file.
XNNREPT	Record layout – Vector Connexion Report file.
XREFRC	Record layout – Partner Cross Reference Record layout.

# System Image and Program Image Features

This appendix contains the following topics:

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## Overview

Situations may occur when you need to run multiple copies of the Sterling Gentran online application at the same time within a specific CICS region. For instance:

- You need separate environments because you have set up your organization with multiple divisions that use the same application but processes different sets of files.
- You are installing a new version of Sterling Gentran and need to keep a production version of your application active to perform daily business transactions.

The system image and program image features enable you to keep your current Sterling Gentran online application active in these types of situations. This appendix provides guidelines for using these features.

## System Image Feature

Using the system image feature, each virtual copy (image) of the application executes the same programs but has a unique set of transaction identifiers and set of files to process. Each image is differentiated by the first three characters of the Transaction ID used by a terminal operator for signing on to the application (such as EDI or MKT).

The following illustration depicts a system image using **EDI** as the transaction identifier.

### System Image Characters

```

EDIM000                                     06/01/2011
                                           12:00:00

                G E N T R A N

SYSTEM IMAGE: EDI      PROGRAM IMAGE: EDI      DBK CONFIG:FFFF
GENTRAN:REALTIME 6.5.00  GENTRAN:CONTROL 6.5.00  PAUSE = EXIT PC KYBD
GENTRAN:BASIC 6.5.00

                User ID: _____ Password:
                               New Password:

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Enter                               PF3=Exit

```

## Program Image Feature

Program sets, known by the first three characters of the program names, comprise program images. Used in conjunction with system images, program images make it possible to run entirely different versions of an application at the same time within the same CICS.

## Scenario

While upgrading from Sterling Gentran:Realtime Release 6.5 to Sterling Gentran:Realtime Release 6.6, you need to test the newer version before moving it into production. Therefore, you decide to create two separate systems. To achieve this, you will need to set up two different system and program images.

### Solution

To differentiate the systems and access the applicable programs for each, you could use **E65** to represent Release 6.5. You then could use **E66** to represent Release 6.6.

When invoking the Release 6.5 online environment, you will enter the transaction ID **E65** to display the Sterling Gentran Logon screen. For Release 6.6, you will enter the transaction ID **E66**.

When accessing files applicable to Release 6.5, Sterling Gentran will look for file names starting with **E65** to access. For files applicable to Release 6.6, Sterling Gentran will look for file names starting with **E66**.

When retrieving programs applicable to Release 6.5, Sterling Gentran will look for program names starting with **E65** to execute. For programs applicable to Release 6.6, Sterling Gentran will look for program names starting with **E66**.

---

## Implementation

In most cases, system image and program image are specified on the Pre-installation Worksheet in Chapter 2 of this guide and implemented by the installer while performing the steps in Chapter 3.

If you need to replicate or rename a system/program image of Sterling Gentran, please review the guidelines detailed in the following sections.

### Replicating the System Image

The tasks involved in setting up your system image are defined below.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Select a new transaction ID (three characters only). The resource definition for this transaction ID should associate the ID with the main program (EDIX000). This new ID becomes the first three characters of the filenames used in the file definitions and the ddnames for CICS JCL. You should also change the transaction ID SIMD to have the system image as its first three characters. This transaction name must be specified in the System Configuration file (Record Type 2).

For example, if your system image is **EDI**, **SIM** becomes **EDI** and **SIMD** becomes **EDID**.

See Chapter 8 of this guide for information on editing the System Configuration file.

**Note:** We have built sample definitions for you to use. See "Establishing the Online Environment" in Chapter 3 of this guide.

- Add resource definitions for the CICS files to be used with the system image.

**Note:** We have built sample definitions for you to use. See "Establishing the Online Environment" in Chapter 3 of this guide.

- Add resource definitions for the CICS destinations to be used with the system image.

**Note:** We have built sample definitions for you to use. See "Establishing the Online Environment" in Chapter 3 of this guide.

- Recycle the CICS region.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Replicating the Program Image

The Program Image feature, when used in conjunction with the System Image feature, enables different versions of the Sterling Gentran online software to co-exist within one CICS region.

The tasks involved in setting up your program image are defined below.

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Implement the System Image feature as described in the previous section.

**Note:** The system image and program image do not have to be identical. We recommend that they be the same, but it is not mandatory.

- Copy all CICS load modules into a temporary load library.

- The Configuration file will be updated with your designated System Image and Program Image when you execute the job to define the Base Sterling Gentran files **DEFBASE**, **DEFBASEM**, or **DEFBASER** in the installation process.

See Chapter 8 for information on editing the System Configuration file.

- Rename all of the load modules in the temporary load library.
  - Change the first three characters of each module from PIM to the program image name.  
For example, **PIMX000** becomes **EDIX000**, where **EDI** is the program image name. Perform this procedure for all load modules in the library.
  - See member GENTRAN.V6X6.RTE.JCL (RTENAME) for a sample IEBCOPY JCL.

- Copy the renamed load modules into the Sterling Gentran:Realtime load library that is accessed by CICS.

- Add the new program and mapset definitions to be used with the program image.

**Note:** We have built sample definitions for you to use. See "Establishing the Online Environment" in Chapter 3 of this guide.

- Modify the resource definition of the new transaction (defined in the first task of the "System Image Feature" section in this appendix) to point to **PIMX000**, where **PIM** is the program image name. Also, modify the resource definition of the **SIMD** transaction, where **SIM** is the system image name, to point to program PIMX290.

For example, if your program image is **EDI**, program **PIMX000** becomes **EDIX000**.

**Note:** We have built sample definitions for you to use. See "Establishing the Online Environment" in Chapter 3 of this guide.

## Implementation

---

Recycle the CICS region.

**Completed by:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_



## Modifying Sterling Gentran:Realtime Files

Changes to some fields are required to use System and Program images other than EDI. Modifications to be made include the following:

- Any references to CICS transactions must be changed to have the System Image as the first three characters of the transaction ID (for instance, if **SIM** is the System Image, then transaction **EDIR** will change to **SIMR**).
- Any references to program names must be changed to have the Program Image as the first three characters of the program name (for instance, if **PIM** is the Program Image then program **EDIESOA** will change to **PIMESOA**).

The files that need to be updated and their associated fields include the following:

- Online Control File
  - Immediate Options Error User Exit Program
  - Queue Options Online TransID
  - Queue Options Application Program
  - Queue Options Exception Program
  - Queue Options Error User Exit Program
  - Scheduled Options Online TransID
  - Scheduled Options Online Program
  - Scheduled Options Error User Exit Program
  - System Options Error User Exit Program
- Separator Control File
  - X12 Interchange Program
  - EDIFACT Interchange Program
  - TRADACOMS Interchange Program
  - User Interchange Program
  - Exception Program
  - Error User Exit Program
  - Priority Options System Image
  - Priority Options Program Image
  - Priority Options User Application Program
- Request File
  - Sterling Connect Inbound Program Name
  - Sterling Connect Inbound Transaction ID
  - Sterling Connect Outbound Wakeup Auto-connect Transaction ID
  - Mapper Startup Exit Program

- Mapper End Exit Program
- Mapper Outbound Envelope User Exit Program
- Shell Destination User Program
- Shell Exception Program
- Shell Tracking Exit Program
- Shell Acknowledgement User Program
- Shell Format Specific Enveloper/Compliance Checker Program (Sterling Gentran:Structure only)

*Typically performed by:* System Installer

Check the box next to each task as you complete it.

- Customize JCL member **EXECPSIM**.
  - Add a job card.
  - Change data set names to reflect your high-level qualifier.
  - Modify the in-stream parameter record to reflect both your program and system images. Do not perform the modification as a global change. The results could be unpredictable.
  - Read the comments within the JCL and follow any additional instructions.
- If your Release 6.6 CICS environment is active, shut it down.
- Submit the **EXECPSIM** job.
- Verify the job results. You should never receive a return code greater than 0.
- Start your Release 6.6 CICS environment.
- Log on to your Release 6.6 CICS environment to verify that the files were updated successfully.
- Log on to Sterling Gentran.
- On the Sterling Gentran Main Menu screen, type **8.1.1** in the Jump Code field and press **Enter**.

The System Options screen (EDIM301) is displayed.

```

EDIM301 8.1.1_____          SYSTEM OPTIONS          XXX 06/01/2011
                                                12:00:00

Description.....: GENTRAN:REALTIME_____
                  SAMPLE_SYSTEM_OPTIONS_____

System Status.....: E      E = Enabled      D = Disabled
System Trace.....: D      E = Enabled      D = Disabled
System Type.....:  R      C = Control      R = Realtime

Scan Interval.....: 0120      Seconds

Error User Exit Program.: _____
Error User Exit Data....: _____

Active Path.....: E      E = Enabled  D = Disabled
Inbound Lock Level.....: O      S = System  P = Path  O = Option  N = None
Outbound Lock Level.....: O      S = System  P = Path  O = Option  N = None
Report Request QFNR.....: 092
Last Update Date.....: 00/00/00  Time: 00:00:00  User: SCI

Enter PF1=Help          PF3=Exit
                        PF10=Updt          PF13=Start
    
```

- If there is an entry in the **Error User Exit Program** field, verify that it reflects the Program Image.
- Press **Home**. Type **8.1.3** in the jump code field and press **Enter**.

The Immediate Options screen (EDIM811) is displayed.

```

EDIM811 8.1.3_____          IMMEDIATE OPTIONS          XXX 06/01/2011
                                                12:00:00

Immediate Number.....: 200      GENTRAN:REALTIME_(OUTBOUND_IVP_TEST)_____
                  X12_TEST_DATA_____

Immediate Status.....: E      E = Enabled  D = Disabled
Immediate Trace.....: E      E = Enabled  D = Disabled

Path Option ID.....: 200
Active Path.....: E      E = Enabled  D = Disabled
Max Threads.....: 1      Numeric Range 1 - 9
Big Intchg Cutoff.....: _____  Numeric Range 1000 - 9999

Error User Exit Program.: _____
Error User Exit Data....: _____

                                                Last Update Date: 00/00/00
                                                Time: 00:00:00
                                                User: SCI

Enter PF1=Help          PF3=Exit PF4=Dir          PF6=Path Opt
      PF7=Bwd  PF8=Fwd  PF9=Add PF10=Updt PF11=Del
    
```

- Verify the following fields:
  - If there is an entry in the **Error User Exit Program** field, it should reflect the Program Image.
- Press **PF8=FWD** to scroll to the remaining Immediate Options to verify the changes.
- Press **Home**. Type **8.1.5** in the jump code field and press **Enter**.  
The Queue Options screen (EDIM303) is displayed.

```

EDIM303 8.1.5_____          QUEUE OPTIONS          XXX 06/01/2011
                                                12:00:00

Queue File Number.....: 002          GENTRAN:CONTROL_INSTALLATION_TEST_____
                                         QUEUE_FILE_002_____
Status.....: E          E=Enabled D=Disabled
Source.....: B          O=Online write B=Batch write
Trace.....: D          E=Enabled D=Disabled
      Trigger Levels          Queue Priority.....: 1 (Value 1-9)
Range (Low/High).....: 0000 / 0001      Doc Groups per Run...: 0001
Maximum Delay Time....: 0000          Minutes (with Low Range)
Time Based Interval...: 0000          EXT or SCH or Minutes
      Initiation Actions
Action to Initiate....: O          B=Batch Job O=Online Trans N=None
Batch JCL Name.....: _____      Stall Limit.....: 15
Online TransID.....: EDIR          Appl.Prog.....: EDIESOA_
Path Option ID.....: _____      Active Path.....: _
Exception Pgm.....: EDIR852_        TSQ Store Sw.....: _ A=Auxiliary M=Main
                                         C=TSQ Chaining

Error User Exit Program: _____      Error User Exit Data: _____
      Last Update Date: 00/00/00      Time: 00:00:00 User: SCI

Enter PF1=Help PF2=Data PF3=Exit PF4=Dir PF5=Ext PF6=Path Opt
      PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del PF14=Ddt1
    
```

- Verify the following fields:
  - If there is an entry in the **Online TransID** field, it should reflect the System Image.
  - If there is an entry in the **Appl Prog** field, it should reflect the Program Image.
  - If there are entries in the **Exception Pgm** and **Error User Exit Pgm** fields, they should reflect the Program Image.
- Press **PF8=Fwd** to scroll to the remaining Queue Options to verify the changes.
- Press **Home**. Type **8.1.7** in the Jump Code field and press **Enter**.

The Schedule Options Screen (EDIM821) is displayed.

```

EDIM821 8.1.7_____          SCHEDULE OPTIONS          XXX 06/01/2011
                                          12:00:00

Schedule Number.....: 400      OUTBOUND_INSTALLATION_SCHEDULE_TEST_____
                               (OUTBOUND_IVP_TEST)_____

Schedule Status.....: D        E = Enabled      D = Disabled
Schedule Trace.....: E        E = Enabled      D = Disabled

Interval Time.....: 0002      Minutes      or EXT = Extended

Interval Action
Action to Initiate....: O      B = Batch Job   O = Online Trans  N = None
Batch JCL Name.....: _____
Online TransID.....: EDIT
Online Program.....: _____
Path Option ID.....: 400

Error User Exit Program.: _____      Last Update Date: 00/00/00
Error User Exit Data....: _____      Time: 00:00:00
                                          User: SCI

Enter PF1=Help      PF3=Exit PF4=Dir      PF5=Ext      PF6=Path Opt
      PF7=Bwd      PF8=Fwd  PF9=Add PF10=Updt PF11=Del
    
```

- Verify the following fields:
  - If there is an entry in the **Online TransID** field, it should reflect the System Image.
  - If there is an entry in the **Online Program** field, it should reflect the Program Image.
  - If there is an entry in the **Error User Exit Program** field, it should reflect the Program Image.
- Press **PF8=Fwd** to scroll to the remaining Schedule Options to verify the changes.
- Press **Home**. Type **7.5.1** in the Jump Code field and press **Enter**.

The Separator Systems Options Maintenance Screen (EDIM935) is displayed.

```

EDIM935 7.5.1_____ SEPARATOR SYSTEMS OPTIONS MAINTENANCE   XXX 06/01/2011
                                                    12:00:00

Description.....: GENTRAN:CONTROL_SEPARATOR_SUBSYSTEM_____

X12 Interchange Program .....: EDIR931_      Key Usage Indicators
EDIFACT Interchange Program.....: EDIR932_      Test/Prod Use.....: Y
TRADACOMS Interchange Program.....: EDIR933_      Trn/Grp/Int Only..: T
User Interchange Program.....: EDISXIT_      Grp IDs Only.....: Y
Monitor Indicator/Store Sw.....: 1 / 1        Sndr/Rcvr Id Only.: Y
  Monitor Maintenance.....(630)....: _  DELETE PROCESSED DATA < TODAY'S DATE
  .....(631)....: _  DELETE ALL DATA < TODAY'S DATE
  .....(632)....: _  DELETE ALL DATA RECORDS
Trace Indicator.....: D          Router Parameters
Exception Program.....: EDIR852_      Max Start cnt.....: 10
TSQ Storage SW.....: M          Max Wait Time.....: 00 05

Error User Exit Program.....: _____
Error User Exit Data.....: _____
                        Last Update Date: 00/00/00 Time: 00:00:00 User:  SCI

Enter PF1=Help          PF3=Exit PF4=Run Maint  PF5=Dir
                        PF10=Udpt
    
```

- Verify that the following fields reflect the Program Image:
  - X12 Interchange Program
  - EDIFACT Interchange Program
  - TRADACOMS Interchange Program
  - User Interchange Program
  - Exception Program
  - Error User Exit Program (if specified)
- Press **Home**. Type **7.5.3** in the Jump Code field and press **Enter**.

The Priority Options Maintenance screen (EDIM937) is displayed.

```
EDIM937 7.5.3 _____ PRIORITY OPTIONS MAINTENANCE XXX 06/01/2011
12:00:00

** K E Y S **
Trans/Group ID.....: _____
Sender ID / Qual.....: _____ / _____
Receiver ID / Qual.....: _____ / _____
Version.....: _____
Test/Prod Ind.....: _____
Int/Grp/Trans Ind.....: I

Description.....: DEFAULT_SEPARATION_OPTION_____

System Image...: EDI Program Image...: EDI
Realtime Immediate Option.....: _____
Queue File Number.....: 007 GENTRAN:REALTIME INSTALLAT
User Application Program.....: _____
Basic Separator Split file.....: 001
Priority.....: 5
Last Update Date: 00/00/00 Time: 00:00:00 User: SCI

Enter PF1=Help PF3=Exit PF4=Dir PF5=QOpt PF6=IOpt
PF7=Bwd PF8=Fwd PF9=Add PF10=Updt PF11=Del
```

- Verify that the **System Image** and **Program Image** fields contain the proper values.
- If there is an entry in the **User Application Program** field, verify that it reflects the Program Image.
- Using **PF8=Fwd**, scroll forward through the screens to verify all the priority options.

Completed by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

**After you have successfully completed these tasks, System and Program Image implementation is complete.**





# Databank Implementation Guidelines

This appendix describes the steps required to implement the Databank Facility.

Implementing the Databank Facility is optional. If you use the Databank Facility, the criteria for your configuration strategy is based on the features/functions that you choose. Use the section “Determining Your Databank Configuration Strategy” of this Appendix to determine what features/functions, if any, you want to implement.

This appendix contains the following topics:

<b>Topic</b>	<b>Page</b>
<b>Introduction</b> .....	<b>C-2</b>
<b>Determining Your Databank Configuration Strategy</b> .....	<b>C-3</b>
Databank Configuration .....	C-3
Databank Files.....	C-4
<b>Setting up the Databank Facility</b> .....	<b>C-5</b>
<b>Databank File Maintenance</b> .....	<b>C-6</b>
File Maintenance.....	C-6

## Introduction

The manner in which the Databank Facility is implemented varies according to your business needs and existing environment. Therefore, the implementation process described here is presented as three major areas to be addressed:

- 1. Determining your Databank Configuration Strategy**

This section focuses on how to implement the databank according to your requirements.

**Note:** The decisions you make in this section affect your Databank Facility setup. Do not skip this section.

- 2. Setting up the Databank Facility**

This section focuses on establishing the various files and parameters required for adjusting the system's configuration.

- 3. Databank File Maintenance**

This section describes maintaining the Databank environment.

**Note:** The person(s) implementing the Databank Facility must be familiar with the concepts, features, and functions of the Databank Facility.

See “System Overview” in Chapter 1 of the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* for more information on these topics.

### Determining Your Databank Configuration Strategy

In this section, you will make decisions about how you will use the Databank Facility. These decisions will influence your setup of the Databank Facility.

#### Databank Configuration

Implementing the Databank Facility is optional. The criteria for your configuration strategy is based on the features/functions of the Databank Facility that you choose.

The primary features/functions that determine your configuration are listed below. Check the box next to each feature or function you want to implement.

- Acknowledgment Reconciliation/Monitoring**  
To use this feature, the Outbound EDI Databank must be implemented.
- Archive/Restore**  
To use this function, the Databank(s) for which information (Directory) is to be archived/restored must be implemented.
- Network Tracking**  
To use this feature, the Outbound EDI Databank must be implemented.
- Online Databank Facility**  
The Online Databank Facility can detect which Databanks are implemented and present the functions available for those Databanks.

The functions listed above are considered to be the primary functions you may implement. Many other functions are provided by the Databank Facility. Review the following documentation to ensure that your configuration strategy is complete:

- The sections related to Databank programs and files in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 Technical Reference Guide*
- Chapter 4 in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide*

## Databank Files

Information and data can be stored within the Databank Facility in a variety of ways. The way you choose to store information and data will be directly related to the features and functions you selected in the previous section. The different Databank configurations are explained below. All, some, or none of the Databank files may be implemented.

The different Databank configurations are based on direction (inbound/outbound) and type (application/EDI). Four Databanks can be implemented:

- Outbound Application Databank
- Outbound EDI Databank
- Inbound EDI Databank
- Inbound Application Databank

See Chapter 5 in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide* for detailed information regarding the Databank files.

Each of the four Databanks listed above can be implemented with either of the store levels described below.

Store Level	Description
Directory	Only control and tracking information is stored at this level.
Full	Directory and Message Store information is stored at this level. At this store level, in addition to control and tracking information, the actual data is stored and available to the user.
None	No information or data is stored at this level.

Procedures for defining these files and controlling the level at which you store information on these files is explained in the next section, “Setting Up the Databank Facility.”

### Setting up the Databank Facility

**Note:** Before beginning the procedures in this section, you must have completed the installation verification procedures in Chapter 4 or Chapter 5 of this guide.

Perform any or all of the following tasks to implement the Databank facility according to your configuration strategy:

- Reallocate files for production space requirements.  
Depending on which Databank you have chosen to implement, a number of files most likely must be re-allocated to meet your production requirements. Space requirement calculations are provided to complete this step.  
See the *Databank Files* chapter in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide* for information on space allocation.
- Revise the CICS resource definitions and Region JCL.  
Review the CICS resource definitions and Region JCL supplied with Gentran:Realtime for the Databank Facility. You may need to revise them to meet your internal standards.
- Define your online configuration options.  
Configuration options for the Online Databank Facility are defined within the System Configuration file.  
See Chapter 7 of this guide for information about updating the Configuration file.
- Set up your online control parameters.  
Flexible control of how the Databank is used in your online environment is enabled by a wide range of online control parameters. Each of these parameters is delivered with a default setting. Review the defaults and, if necessary, revise them to meet your requirements.  
See the databank program information in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* for information regarding the online control parameters.  
Review databank online control parameters for the Editors and Mappers and, if necessary, revise them to meet your requirements.
- Define profile options for the Databank Facility.  
To control Network Tracking and Databank usage by profile, you must define profile options for the Databank Facility.  
See Chapter 2 in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 User Guide* for detailed information on performing this function.

## Databank File Maintenance

This section contains information you may require for maintaining your databank environment.

### File Maintenance

Your control parameter setup, and the frequency for maintaining files for the Databank Facility, will be based on your volumes, space allocations and retention requirements.

- For Sterling Gentran:Basic Databanks, four batch programs perform maintenance.

See the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide* for detailed program descriptions.

- For Sterling Gentran:Realtime Databanks, the same four batch programs or four online transactions can be used.

**Note:** Default schedule options have already been installed.

See Chapter 6 in the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide* for descriptions of these transactions.

**Note:** The Sterling Gentran:Realtime Databanks must be closed in CICS, or CICS must be down to run the batch programs against them.

The following list contains parameters and maintenance programs for which you may need additional information. Descriptions for these items are in the *IBM® Sterling Gentran:Basic® for z/OS® Release 6.6 Technical Reference Guide* and the *IBM® Sterling Gentran:Realtime® for z/OS® Release 6.6 User Guide*.

- Outbound Application Databank Maintenance
- Outbound EDI Databank Maintenance
- Inbound EDI Databank Maintenance
- Inbound Application Databank Maintenance

# **Sterling Gentran:Realtime Files**

This appendix contains the following topics:

<b>Topic</b>	<b>Page</b>
<b>Data Set Naming Conventions.....</b>	<b>D-2</b>
<b>Production Data Set Names for IBM Sterling Gentran:Realtime for z/OS Release 6.6</b>	<b>D-3</b>
Base System Files .....	D-3
Queue Files .....	D-3
Separator Files.....	D-4
Databank Files.....	D-4
Change Audit Files.....	D-5
Sterling Gentran:Realtime Installation Verification Files .....	D-5
<b>Production Data Set Names for IBM Sterling Gentran:Basic for z/OS Release 6.6 ....</b>	<b>D-6</b>
Base System Files .....	D-6
Standards Files .....	D-6
Mapping Files .....	D-7
Databank Files.....	D-7
Separator Files.....	D-8
Change Audit Files.....	D-8
Message Center Files .....	D-9

## Data Set Naming Conventions

Data Set	Format
Permanent VSAM files	GENTRAN.V6X6.VSAM.?????.????? GENTRAN.V6X6.RTE.VSAM.?????.????? <i>Where:</i> ????? = subsystem-specific
Initial loading sequential files	GENTRAN.V6X6.SEQ.?????.????? GENTRAN.V6X6.RTE.SEQ.?????.????? <i>Where:</i> ????? = subsystem-specific <b>Note:</b> Most of these files can be deleted after installation and conversion are complete. <b>Note:</b> The sequential Databank Archive files also have names in this format. Do not delete the archive files at the end of the installation. These files have names using the following format:  GENTRAN.V6X6.SEQ.EDI.EDI???R  <i>Where:</i> ??? = the 3-character abbreviation for the particular databank
Program output sequential files	GENTRAN.V6X6.PGMxxx.????? GENTRAN.V6X6.RTE.PGMXXX.????? <i>Where:</i> xxx = program number ????? = function-specific; describes the content
Batch executable load modules	GENTRAN.V6X6.RTE.BATCH.LOAD
CICS executable load modules	GENTRAN.V6X6.RTE.CICS.LOAD



## Production Data Set Names for IBM Sterling Gentran:Realtime for z/OS Release 6.6

### Base System Files

Associated Data file	GENTRAN.V6X6.RTE.VSAM.EDIASCDT
Checkpoint file	GENTRAN.V6X6.RTE.VSAM.EDICKP
Online Control file	GENTRAN.V6X6.RTE.VSAM.EDIOCF
Activity file	GENTRAN.V6X6.RTE.VSAM.EDIRAPF
Acknowledgment Reconciliation	GENTRAN.V6X6.RTE.VSAM.EDIRDAR
Detail Exception Bypass file	GENTRAN.V6X6.RTE.VSAM.EDIRDBP
Request file	GENTRAN.V6X6.RTE.VSAM.EDIREQ
Header Exception Bypass file	GENTRAN.V6X6.RTE.VSAM.EDIRHBP
Mailbox Batch Number Cross Reference file	GENTRAN.V6X6.RTE.VSAM.EDIRMXR
Report Control file	GENTRAN.V6X6.RTE.VSAM.EDIRRC
Report Detail file	GENTRAN.V6X6.RTE.VSAM.EDIRRD
Summary Statistics file	GENTRAN.V6X6.RTE.VSAM.EDIRSUM

### Queue Files

Queue file 001	GENTRAN.V6X6.RTE.VSAM.EDIQ001
Queue file 002	GENTRAN.V6X6.RTE.VSAM.EDIQ002
Queue file 003	GENTRAN.V6X6.RTE.VSAM.EDIQ003
Queue file 004	GENTRAN.V6X6.RTE.VSAM.EDIQ004
Queue file 005	GENTRAN.V6X6.RTE.VSAM.EDIQ005
Queue file 006	GENTRAN.V6X6.RTE.VSAM.EDIQ006
Queue file 007	GENTRAN.V6X6.RTE.VSAM.EDIQ007
Queue file 008	GENTRAN.V6X6.RTE.VSAM.EDIQ008
Queue file 092 Scheduled Print Report	GENTRAN.V6X6.RTE.VSAM.EDIQ092
Queue file 096 Network and Report Status	GENTRAN.V6X6.RTE.VSAM.EDIQ096

Queue file 098

Acknowledgment Reconciliation Input GENTRAN.V6X6.RTE.VSAM.EDIQ098

Queue file 099

Acknowledgement Reconciliation OutputGENTRAN.V6X6.RTE.VSAM.EDIQ099

### Separator Files

Monitor Header file GENTRAN.V6X6.RTE.VSAM.EDIRMNH

Monitor Store file GENTRAN.V6X6.RTE.VSAM.EDIRMNS

### Databank Files

Inbound Application Directory GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIAA

Inbound Application Message Store GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIAS

Inbound Application Change Audit GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIACA

Inbound EDI Link file GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIEL

Inbound EDI Directory GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIEA

Inbound EDI Message Store GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIES

Inbound EDI Change Audit GENTRAN.V6X6.RTE.VSAM.EDI.EDIRIECA

Outbound Application Directory GENTRAN.V6X6.RTE.VSAM.EDI.EDIROAA

Outbound Application Message Store GENTRAN.V6X6.RTE.VSAM.EDI.EDIROAS

Outbound Application Change Audit GENTRAN.V6X6.RTE.VSAM.EDI.EDIROACA

Outbound Application Link file GENTRAN.V6X6.RTE.VSAM.EDI.EDIROAL

Outbound EDI Directory GENTRAN.V6X6.RTE.VSAM.EDI.EDIROEA

Outbound EDI Message Store GENTRAN.V6X6.RTE.VSAM.EDI.EDIROES

Outbound EDI Change Audit GENTRAN.V6X6.RTE.VSAM.EDI.EDIROECA

Network Reconciliation file GENTRAN.V6X6.RTE.VSAM.EDI.EDIRNRC

Inbound EDI Databank Archive GENTRAN.V6X6.RTE.VSAM.EDI.ARCHIEA

Inbound Application Databank Archive GENTRAN.V6X6.RTE.VSAM.EDI.ARCHIAA

Outbound EDI Databank Archive GENTRAN.V6X6.RTE.VSAM.EDI.ARCHOEA

Outbound Application  
Databank Archive GENTRAN.V6X6.RTE.VSAM.EDI.ARCHOOA

Change Audit Archive File GENTRAN.V6X6.RTE.VSAM.EDI.EDIARCH

Acknowledgment Overdue File GENTRAN.V6X6.RTE.VSAM.ACK.OVERDUE

### Change Audit Files

Online Control File	GENTRAN.V6X6.RTE.VSAM.OCF.CHGAUD
Request File	GENTRAN.V6X6.RTE.VSAM.REQ.CHGAUD

### Sterling Gentran:Realtime Installation Verification Files

Outbound X12 Test Data	GENTRAN.V6X6.RTE.VSAM.EDIAPPL
Outbound EDIFACT Test Data	GENTRAN.V6X6.RTE.VSAM.EDIAPPL1
Outbound TRADACOMS Test Data	GENTRAN.V6X6.RTE.VSAM.EDIAPPL2
Inbound X12 Test Data	GENTRAN.V6X6.RTE.VSAM.EDIDAT
Inbound EDIFACT Test Data	GENTRAN.V6X6.RTE.VSAM.EDIDAT1
Inbound TRADACOMS Test Data	GENTRAN.V6X6.RTE.VSAM.EDIDAT2
Translation Results file	GENTRAN.V6X6.RTE.VSAM.EDIRSLTS
Test Data file	GENTRAN.V6X6.RTE.VSAM.TESTDATA

## Production Data Set Names for IBM Sterling Gentran:Basic for z/OS Release 6.6

### Base System Files

Configuration file	GENTRAN.V6X6.VSAM.EDI.EDICFG
Error Message file	GENTRAN.V6X6.VSAM.ERRCTL
Partner file	GENTRAN.V6X6.VSAM.PARTNER
Partner X-Ref file	GENTRAN.V6X6.VSAM.PARTNER.XREF
Partner Relationship file	GENTRAN.V6X6.VSAM.PARTREL
Security file	GENTRAN.V6X6.VSAM.SECURITY
Inbound Control file	GENTRAN.V6X6.VSAM.CONTROL.INBOUND
Outbound Control file	GENTRAN.V6X6.VSAM.CONTROL.OUTBOUND
Optimized standards table	GENTRAN.V6X6.VSAM.OPT.TABLE
Help file	GENTRAN.V6X6.VSAM.EDI.EDIHELP
JCL file	GENTRAN.V6X6.VSAM.EDIRJCL

### Standards Files

Standard Activity file	GENTRAN.V6X6.VSAM.STD.ACTIVITY
Standard Version file	GENTRAN.V6X6.VSAM.STD.VERSION
Standard Transaction file	GENTRAN.V6X6.VSAM.STD.TRANS
Standard Segment file	GENTRAN.V6X6.VSAM.STD.SEGMENT
Standard Element file	GENTRAN.V6X6.VSAM.STD.ELEMENT
Standard Association file	GENTRAN.V6X6.VSAM.STD.ASSOC
Standard Segment Description	GENTRAN.V6X6.VSAM.STD.SEGDESC
Standard Element Description	GENTRAN.V6X6.VSAM.STD.ELEDESC
Standard Code 1	GENTRAN.V6X6.VSAM.STD.CODE1
Standard Code 2	GENTRAN.V6X6.VSAM.STD.CODE2
Standard Code 3	GENTRAN.V6X6.VSAM.STD.CODE3
Standard Code 4	GENTRAN.V6X6.VSAM.STD.CODE4
Standard Dictionary file	GENTRAN.V6X6.VSAM.STD.DICT

## Mapping Files

Application Header file	GENTRAN.V6X6.VSAM.APPL.HEADER
Application Record file	GENTRAN.V6X6.VSAM.APPL.RECORD
Application Fields file	GENTRAN.V6X6.VSAM.APPL.FIELD
Application Link file	GENTRAN.V6X6.VSAM.APPL.LINK
Transaction Header file	GENTRAN.V6X6.VSAM.TRANS.HEADER
Transaction Segment file	GENTRAN.V6X6.VSAM.TRANS.SEGMENT
Transaction Element file	GENTRAN.V6X6.VSAM.TRANS.ELEMENT
Code Definition file	GENTRAN.V6X6.VSAM.CODE.DEFINE
Code Translation file	GENTRAN.V6X6.VSAM.CODE.CODES
Data Translation file	GENTRAN.V6X6.VSAM.CODE.DATA
Validation file	GENTRAN.V6X6.VSAM.CODE.VALID

## Databank Files

Online Log file	GENTRAN.V6X6.VSAM.EDI.EDIOLF
Inbound Application Directory	GENTRAN.V6X6.VSAM.EDI.EDIIAA
Inbound Application Message Store	GENTRAN.V6X6.VSAM.EDI.EDIIAS
Inbound Application Pending	GENTRAN.V6X6.VSAM.EDI.EDIIAP
Inbound Application Change Audit	GENTRAN.V6X6.VSAM.EDI.EDIICA
Inbound EDI Link file	GENTRAN.V6X6.VSAM.EDI.EDIIEL
Inbound EDI Directory	GENTRAN.V6X6.VSAM.EDI.EDIIEA
Inbound EDI Message Store	GENTRAN.V6X6.VSAM.EDI.EDIIES
Inbound EDI Pending	GENTRAN.V6X6.VSAM.EDI.EDIIEP
Inbound EDI Change Audit	GENTRAN.V6X6.VSAM.EDI.EDIIECA
Outbound Application Directory	GENTRAN.V6X6.VSAM.EDI.EDIOAA
Outbound Application Message Store	GENTRAN.V6X6.VSAM.EDI.EDIOAS
Outbound Application Pending	GENTRAN.V6X6.VSAM.EDI.EDIOAP
Outbound Application Change Audit	GENTRAN.V6X6.VSAM.EDI.EDIOACA
Outbound Application Link file	GENTRAN.V6X6.VSAM.EDI.EDIOAL

Outbound EDI Directory	GENTRAN.V6X6.VSAM.EDI.EDIOEA
Outbound EDI Message Store	GENTRAN.V6X6.VSAM.EDI.EDIOES
Outbound EDI Pending	GENTRAN.V6X6.VSAM.EDI.EDIOEP
Outbound EDI Change Audit	GENTRAN.V6X6.VSAM.EDI.EDIOECA
Network Reconciliation file	GENTRAN.V6X6.VSAM.EDI.EDINRC
Inbound EDI Archive file	GENTRAN.V6X6.SEQ.EDI.EDIIEAR
Inbound Application Archive file	GENTRAN.V6X6.SEQ.EDI.EDIIAAR
Outbound EDI Archive file	GENTRAN.V6X6.SEQ.EDI.EDIOEAR
Outbound Application Archive file	GENTRAN.V6X6.SEQ.EDI.EDIOAAR
Change Audit Archive file	GENTRAN.V6X6.SEQ.EDI.EDICAR
Outbound EDI Transaction Queue	GENTRAN.V6X6.VSAM.EDI.EDIQ091
Outbound Application Transaction Queue	GENTRAN.V6X6.VSAM.EDI.EDIQ093
Inbound Application Transaction Queue	GENTRAN.V6X6.VSAM.EDI.EDIQ095
Inbound EDI Transaction Queue	GENTRAN.V6X6.VSAM.EDI.EDIQ097
Acknowledgment Overdue file	GENTRAN.V6X6.VSAM.ACK.OVERDUE

### Separator Files

Separator Control file	GENTRAN.V6X6.VSAM.EDIRSEP
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### Change Audit Files

Partner file	GENTRAN.V6X6.VSAM.PARTNER.CHGAUD
Standards file	GENTRAN.V6X6.VSAM.STANDARD.CHGAUD
Mapping Application file	GENTRAN.V6X6.VSAM.APPL.CHGAUD
Mapping Transaction file	GENTRAN.V6X6.VSAM.TRANS.CHGAUD
Mapping Code Translation file	GENTRAN.V6X6.VSAM.CODE.CHGAUD
Security File	GENTRAN.V6X6.VSAM.SECURITY.CHGAUD
Error Message File	GENTRAN.V6X6.VSAM.ERRMSG.CHGAUD
System Configuration File	GENTRAN.V6X6.VSAM.EDICFG.CHGAUD
Global Parameter File	GENTRAN.V6X6.VSAM.GBLPRM.CHGAUD
Separator File	GENTRAN.V6X6.VSAM.EDISEP.CHGAUD

**Message Center Files**

Control File	GENTRAN.V6X6.VSAM.EDIMCC
Detail File	GENTRAN.V6X6.VSAM.EDIMCD





# User Security Facility

This appendix contains the following topics:

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## Overview

Normally you would logon to the Sterling Gentran:Basic online system using one of two methods:

- You would type the three-character system image of the Sterling Gentran:Basic online system that you wish to logon to on a blank CICS screen and press Enter to display the Sterling Gentran Logon screen (EDIM000).
- You would start a CICS transaction from your user menu using the three-character system image of the Sterling Gentran:Basic online system that you wish to logon to as the Transaction ID, which results in the Sterling Gentran Logon screen (EDIM000) being displayed.

Both methods are essentially the same, you start the Transaction ID associated with the Sterling Gentran:Basic online system that you wish to logon to. The only difference is that the first is manual and the second is automated.

Both of these methods use the Sterling Gentran:Basic security system to limit access through the use of User IDs and Passwords. You type your Sterling Gentran User ID and Password at the screen prompts on the Sterling Gentran Logon screen (EDIM000) and press Enter. After they are validated, the Sterling Gentran Main Menu screen (EDIM001) is displayed.

There are, however, two restrictions that you may encounter when using either of these methods:

- If you are already securely logged onto your CICS application and you require no further authorization to access Sterling Gentran, you must still enter your Sterling Gentran User ID and Password on the Sterling Gentran Logon screen (EDIM000) and have them validated before you are allowed to proceed.
- Your password security requirements may be more stringent than the Sterling Gentran:Basic security system supports. The only requirements that are enforced for passwords is that they be alphanumeric and between four to eight characters in length. These may not be sufficient to meet your more demanding requirements.

In this circumstance, the User Security Facility can help you. It can enable you to access the Sterling Gentran:Basic online system while bypassing the display of the Sterling Gentran Logon screen. It can also allow you to control access to the Sterling Gentran:Basic online system using your on-site security system to supplement and enhance the Sterling Gentran:Basic security system.

The User Security Facility is comprised of two components from which you can choose:

- **Entry Gateway:** With this method you transfer control to the Sterling Gentran Logon program (EDIX000) from your user application and pass it the User ID to logon with.
- **Security Exit:** With this method you create your own exit program that the Sterling Gentran Logon program (EDIX000) accesses to obtain the User ID to logon with.

## Overview

---

With both of these components the specified User ID is validated by the Sterling Gentran Logon program (EDIX000) using the Sterling Gentran:Basic security system without displaying the Sterling Gentran Logon screen (EDIM000).

Note that both components only require that the User ID be provided. The Password associated with the User ID is not specified. This allows your on-site security system to validate and enforce your unique password security requirements before logging on to the Sterling Gentran:Basiconline system.

This documentation will further describe the specific details of both of these components and discuss how to implement them within your Sterling Gentran CICS environment to meet your accessibility and/or security needs.

## Entry Gateway

With this method you transfer control to the Sterling Gentran Logon program (EDIX000) while passing the User ID that you wish to use to logon to the Sterling Gentran:Basic online system. The Sterling Gentran Logon program then validates that the User ID is defined in the Sterling Gentran:Basic security system. If it is valid, the display of the Sterling Gentran Logon screen (EDIM000) is bypassed and the Sterling Gentran Main Menu screen (EDIM001) is displayed.

Note that the Password associated with the User ID is not specified nor is it required. This allows your on-site security system to validate and enforce your unique password security requirements before using the Entry Gateway to logon to the Sterling Gentran:Basic online system.

However using an Entry Gateway does not eliminate the requirement to define User IDs and their associated Passwords in the Sterling Gentran:Basic security system. This insures that each user is uniquely identified so that changes made by the user can be properly tracked.

The User ID is passed from the Entry Gateway in a CICS communication area that is made available to the invoked Sterling Gentran Logon program (EDIX000). This communication area also contains other fields including a few important options that you can use to control how the Sterling Gentran Logon program (EDIX000) interacts with your Entry Gateway. Later in this section a layout of the communication area is provided with descriptions of the fields it contains and how to use them.

A sample Entry Gateway program named GENBYPAS is provided in the UTILITY.SOURCE library delivered with the product. It demonstrates how to build the communication area, how to transfer control to the Sterling Gentran Logon program (EDIX000), and how to evaluate the return from the Sterling Gentran:Basic online system. A CICS resource definition for this sample program is provided in the JCL member BSCRDOPM. If you wish to use this sample program, uncomment its definition and install it in your CICS environment.

A sample Transaction ID (SIMC) that can be used to test the GENBYPAS program is provided in the JCL member BSCRDOT. If you wish to use this sample transaction ID, uncomment its definition and install it in your CICS environment.

There are two methods that you can use to implement the Entry Gateway.

- You can customize the GENBYPAS sample program and associate it with the SIMC transaction ID or a transaction ID of your choice and then start this transaction ID from your user menu.
- You can incorporate the code from the GENBYPAS sample program into your user application program associated with your user menu and transfer control to the Sterling Gentran Logon program (EDIX000) directly from your user application program.

### Communication Area

```
*-----*
* COMMUNICATION AREA TO BE PASSED TO EDIX000. *
*-----*
01  WS-COMMON-AREA.
    05  WS-USER-START                PIC X(09) .
    05  WS-USER-EDE-TRAN             PIC X(04) .
    05  WS-USER-SYSIMAGE             PIC X(03) .
    05  WS-USER-ID                   PIC X(08) .
    05  WS-USER-RETURN-TRAN          PIC X(04) .
    05  WS-USER-RETURN-PROGRAM       PIC X(08) .
    05  WS-USER-RETURN-AREA
        10  WS-USER-RETURN-DATA      PIC X(50) .
        10  WS-USER-RETURN-OPTION    PIC X(01) .
        10  WS-USER-RETURN-MESSAGE   PIC X(50) .
    05  WS-USER-JUMP-CODE            PIC X(10) .
    05  WS-USER-MENU-RETURN-SW       PIC X(01) .
    05  FILLER                       PIC X(6080) .
```

### Fields

#### **WS-USER-START**

This 9-character alpha field must always contain a constant of USERSTART. It serves as the signal to the Sterling Gentran Logon program (EDIX000) that an Entry Gateway has invoked it.

#### **WS-USER-EDE-TRAN**

This 4-character alphanumeric field must contain the transaction ID that you use to invoke the Sterling Gentran:Basic online system that you wish to logon to. It should be the three-character system image suffixed with a single space.

#### **WS-USER-SYSIMAGE**

This 3-character alphanumeric field must contain the three-character system image of the Sterling Gentran:Basic online system that you wish to logon to. This must always be the same as the first three characters of the WS-USER-EDE-TRAN field.

#### **WS-USER-ID**

This 8-character alphanumeric field must contain the User ID that you wish to use to logon to the Sterling Gentran:Basic online system.

#### **WS-USER-RETURN-TRAN**

This 4-character alphanumeric field must contain the transaction ID associated with your Entry Gateway. If you are using the sample transaction ID that we provide, this field will contain SIMC where SIM is your three-character system image. When you exit from the Sterling Gentran:Basic online system, it will return to this transaction ID.

#### **WS-USER-RETURN-PROGRAM**

This 8-character alphanumeric field must contain the program name of your Entry Gateway. If you are using the sample Entry Gateway program that we provide, this field will contain GENBYPAS. When you exit from the Sterling Gentran:Basic online system, it will return to this program.

**WS-USER-RETURN-AREA**

This 101-character alphanumeric field will be returned to your Entry Gateway when exiting the Sterling Gentran:Basic online system. It contains the following three fields.

**WS-USER-RETURN-DATA**

This 50-character alphanumeric field can be used to pass data to the Sterling Gentran:Basic online system that will be returned to your Entry Gateway when exiting the Sterling Gentran:Basic online system. You can then evaluate this data to determine what processing is required.

**WS-USER-RETURN-OPTION**

This 1-character alpha field can be used to control what the Sterling Gentran Logon program (EDIX000) will do if the User ID fails validation in the Sterling Gentran:Basic security system. Normally when validation fails, the Sterling Gentran Logon screen (EDIM000) is displayed with an error message and the user is given the opportunity to manually enter their User ID and Password to obtain access to the Sterling Gentran:Basic online system. However, specifying a "Y" in this field will result in the Sterling Gentran Logon program (EDIX000) returning to your Entry Gateway without displaying the Sterling Gentran Logon screen (EDIM000) and with a value of "E" in this field. You can then evaluate this field and take appropriate action.

The Sterling Gentran Logon program (EDIX000) will also return to your Entry Gateway with a value of "E" in this field if you specified a jump code in the WS-USER-JUMP-CODE field and the User ID is not authorized to access it.

**WS-USER-RETURN-MESSAGE**

This 50-character alphanumeric field will contain a message returned to your Entry Gateway when the WS-USER-RETURN-OPTION field contains an "E". There are two possible messages that you can evaluate to help you determine why the User ID validation failed.

**SECURITY ID NOT IN GENTRAN**

The User ID is not defined in the Sterling Gentran:Basic security system.

**INVALID OPTION - USER LACKS AUTHORITY**

The User ID is valid. However, it is not authorized to access the screen specified with a jump code in the WS-USER-JUMP-CODE field.

**WS-USER-JUMP-CODE**

Normally, the Sterling Gentran Main Menu screen (EDIM001) is displayed after the User ID is successfully validated. If you would rather go directly to another screen within the Sterling Gentran:Basic online system, specify the numeric jump code of the screen in this 10-character alphanumeric field and it will be displayed instead.

**WS-USER-MENU-RETURN-SW**

This 1-character alpha field works in conjunction with the WS-USER-JUMP CODE field. You can specify a "Y" in this field to instruct Sterling Gentran to skip displaying the Sterling Gentran Main Menu screen (EDIM001) and instead return directly to your Entry Gateway when exiting the Sterling Gentran:Basic online system.

### Other Fields

```
*-----*
*   OTHER FIELDS REQUIRED TO TRANSFER CONTROL TO EDIX000.   *
*-----*
01  WS-COMMON-LENGTH          PIC 9(04) VALUE 6228 COMP.
01  WS-GENTRAN-MAIN-PGM      PIC X(08) VALUE 'PIMX000 '.
```

#### **WS-COMMON-LENGTH**

This 2-character binary field represents the length of the communication area to be passed to the Sterling Gentran Logon screen (EDIX000) by the transfer command. It must be a constant 6228, which is the total size of all the fields in the communication area.

#### **WS-GENTRAN-MAIN-PGM**

This 8-character alphanumeric field is the name of the Sterling Gentran Logon program that your Entry Gateway will transfer to. It must be the value PIMX000 where PIM is your three-character program image.

## Security Exit

With this method the Sterling Gentran Logon program (EDIX000) transfers control to your Security Exit so that you can obtain the User ID that you wish to use to logon to the Sterling Gentran:Basic online system. The Security Exit then returns the User ID to the Sterling Gentran Logon program and it validates that the User ID is defined in the Sterling Gentran:Basic security system. If it is valid, the display of the Sterling Gentran Logon screen (EDIM000) is bypassed and the Sterling Gentran Main Menu screen (EDIM001) is displayed. If the validation fails, the Sterling Gentran Logon screen (EDIM000) is displayed with an error message and the user is given the opportunity to manually enter their User ID and Password to obtain access to the Sterling Gentran:Basic online system.

Note that the Password associated with the User ID is not specified nor is it required. This allows your on-site security system to validate and enforce your unique password security requirements before using the Entry Gateway to logon to the Sterling Gentran:Basic online system.

However, using a Security Exit does not eliminate the requirement to define User IDs and their associated Passwords in the Sterling Gentran:Basic security system. This insures that each user is uniquely identified so that changes made by the user can be properly tracked.

The User ID is returned from the Security Exit in a CICS communication area to the Sterling Gentran Logon program (EDIX000). This communication area also contains a return code field that can be used to indicate the results of obtaining the User ID. Later in this section a layout of the communication area is provided with descriptions of the fields it contains and how to use them.

A sample Security Exit program named EDIXSEC is provided in the UTILITY.SOURCE library delivered with the product. It demonstrates how to obtain a User ID and return it to the Sterling Gentran Logon program (EDIX000). A CICS resource definition for this sample program is provided in the JCL member BSCRDOPM. If you wish to use this sample program, uncomment its definition and install it in your CICS environment.



To implement the Security Exit program you can customize the EDIXSEC sample program and then specify its name in the Security Exit Program field as shown on the sample Configuration Maintenance screen that follows.

```

EDIM231 _____ CONFIGURATION MAINTENANCE      XXX      06/01/2011
                                                    12:00:00

On-Line Options - Record Type 0   Panel 1 of 3

Program Image.....: EDI_____ Any 3 Digits/Characters
Security Password Min Length...: 04_____ Valid Values - 01 To 08
Security Password Suppress.....: Y_____ Y=Yes           N=No
Security Exit Program.....: EDIXSEC___
User Jump Code Table.....: EDIJUMP___
Jump Code Display .....: 1_____ 1=Numeric           2=Alphabetic
Save Last Key Used.....: 0_____ 0=Save             1=Not Save
Disable Synchpoint.(VSE).....: 0_____ 0=No               1=Yes
Year 2000 Value.....: 50_____ DEFAULT = 50
Language Code.....: EN_____ Default = EN
Log Max Search.....: 3000_____ 4 digits

Last Update Date: 00/00/00   Time: 00:00:00   User: SCI

Enter PF1=Help           PF3=Exit PF4=Dir           PF5=More Opts  PF6=Nxt Cnfg
                          PF10=Updt
    
```

You then invoke the Sterling Gentran:Basic online system as you normally would either by manually typing the transaction ID associated with the Sterling Gentran Logon program (EDIX000) on a blank CICS screen or by selecting it from your user menu.

### Communication Area

```

*-----*
* COMMUNICATION AREA TO BE RETURNED TO EDIX000. *
*-----*
01 DFHCOMMAREA.
   05 WS-USER-ID           PIC X(08).
   05 WS-RETURN-CODE      PIC X(02).
    
```

### Fields

#### WS-USER-ID

This 8-character alphanumeric field must contain the User ID that you wish to use to logon to the Sterling Gentran:Basic online system.

#### WS-RETURN-CODE

This 2-character numeric field contains a return code indicating the results of the execution of the Security Exit. Valid return codes are:

- 00 Successful completion, User ID was obtained and returned
- 04 Unsuccessful completion, a User ID could not be obtained
- 16 Error occurred



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