



8950 VAM (8950 Voice Activation Manager)

Translations Interface Guide (5ESS and Enhanced DMS Interface)

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1 Introduction

Overview

Purpose This chapter describes the benefits provided and the business issues solved by the 8950 Voice Activation Manager (8950 VAM) product.

Important! The product name “VitalSuite Voice Activation Manager” has been changed to “8950 VAM”. Starting with release 14.0, this name change has been done in the software and is reflected in the documentation. Hence in this release the names “VitalSuite Voice Activation Manager” is replaced with the new name “8950 VAM”.

Objectives This chapter provides information to perform the following:

- Identify the work groups involved in the translations work flow.
- Explain the business issues affecting the translations work flow.
- List six benefits of 8950 VAM.

The following topics are included in this chapter:

Work Groups	1-3
Business Issues	1-4
8950 VAM Processes	1-6



Work Groups

Types of Work Groups

There are several basic work groups which are involved in the translations work flow. They are:

- Engineering
Responsible for equipment orders and office options.
- Marketing
Responsible for the Centrex, DID, and cellular type of services.
- Code Planners
Responsible for the introduction and generation of new dialing codes.
- Staff
Responsible for writing Corporate Software Standards, Methods, and Procedures to support routing, screening, trunking, complex translations, and office options translations.
- Trunk Servicing
Trunk Provisioning Request associated with trunk provisioning.
- Translations Comm Tech
Responsible for reviewing and recording Recent Changes (RCs) to the switches and resolving conflicts or errors associated with the Recent Change process.



Business Issues

Introduction A number of business issues currently affect the translations environment. They are:

- [Work Loads](#)
- [Increasing Business Costs](#)
- [Competition](#)
- [Lack of Mechanization](#)

Work Loads Work loads are increasing due to:

- High growth in Complex Service Demands (ISDN, CENTREX, Flexible Route Selection, AIN, etc.). Currently, complex services account for 30% of the order volume and represent about 35% of all of the views/tables.
- Increased regulatory compliance. Approximately 25% of the Recent Change activities are as a result of various governmental regulations.
- New technology. Advanced digital switches are rapidly replacing the older analog switches. Switch replacement demands considerable Recent Change activities.
- Shorter roll-out time frames. The latest digital switches are being deployed on a large scale and at a very aggressive rate. These deployments increase the work load.

Increasing Business Costs Business costs are increasing due to:

- Manual translation data entry is very time-consuming and therefore more costly.
- There is a high percentage of rework required due to incorrect data, manual entry, inconsistencies, etc. Current estimates show about 35% of the total work is to correct problems associated with the translation process.
- There is potential for network reliability problems due to translation errors. In 1992, 1% of network outages were attributed to translation problems.

- Competition** Competitors are presently:
- Building Bypass networks.
 - Providing cable/fiber/video.
 - Providing cellular capabilities.

- Lack of Mechanization** No mechanization for:
- Complex Services
 - Routing and Charging
 - Trunking
 - Office and Engineering options

Conclusion Workloads have increased whereas current processes are time consuming. New services introduce increased complexities and regulatory compliances. Hence, an improved, mechanized, and automated translation process is now recommended.



8950 VAM Processes

- Processes** 8950 VAM is a computer-based system which provides the following capabilities:
- A system that generates and displays 5ESS views and DMS tables to a user. The views/tables are electronically generated and stored in 8950 VAM. This significantly reduces paper usage and manual handling.
 - A workflow management system which builds, tracks, records, and stores orders associated with recent change activities. This reduces the time and complexity involved in preparing and tracking Recent Change information.
 - A means of obtaining accurate switch data quickly without having to query the switches directly.
 - A set of standardized defaults which can be used to populate common entries. This reduces the overall amount of the information which needs to be manually entered.
 - Power tools which can build large numbers of recent changes based upon simple database queries. This can significantly reduce the amount of time for large projects such as an NPA split.
 - A database in which various reports may be generated significantly reducing the need for paper records. Again, this reduces the need for manual copying and filing.
 - Electronic interfaces to other systems allowing easier access to source data. This also reduces the need for multiple terminals in work areas.
 - A graphical user interface (GUI) which is easy to learn and intuitive to operate. These types of workstations reduce the need for typing and are inherently more accurate.
 - A direct electronic interface to all of the 5ESS/DMS switches allowing the recent change transmission and update. Again, this reduces the amount of transcription, typing, and use of multiple terminals.



2 8950 Voice Activation Manager Overview

Overview

Purpose 8950 VAM is a comprehensive operations system that automates recent changes which support trunking, routing, and charging. It performs other complex operations and services which are discussed in subsequent chapters. 8950 VAM provides a network-wide view of the switched network.

The system manages translation interfaces to the various switches, supports multiple switch generics, and provides historical data of recent changes.

The system is capable of building recent change packages for multiple switches, such as NPA splits. It schedules and monitors the changes as they are applied to the network.

- Objectives** Upon completion of this unit, you will be able to:
- List the features of 8950 VAM.
 - List the various users of the 8950 VAM system and provide an overview of how they use the system.
 - Present a high level description of the 8950 VAM system topology, showing such things as:
 - The computer systems.
 - The 8950 VAM database.
 - The link between 8950 VAM and the switches.

- How the users access 8950 VAM.
- Describe the shadow database concept used by 8950 VAM.
- Describe the benefits of the Echo-Back Link.

The following topics are included in this chapter

Features	2-3
Using 8950 VAM	2-6
Switch Views and Switch Tables	2-7
Processing Recent Changes	2-8
System Users	2-9
Topology	2-10
Loading Switch Data	2-12
DMS Dump and Load Via SDM	2-13
Database Synchronization	2-14

Features

List of Features	8950 VAM has several important features. They are: • Workflow Management • Accurate Database • Graphical User Interface (GUI) • Power Tools and Expert Systems • Direct communication to all supported switches • Other OS Interfaces • Cross Switch Functionality • Schedule, Monitor and Preview of Recent Changes • Internally Generated Views and Tables • Batch Changes of Pending RCs • Display RC Link Status
Workflow Management	A workflow management is built into 8950 VAM. This lets you: • Quickly build “orders” which contain single Recent Changes or a group of related Recent Changes. • Dynamically create individualized worklists. • View summary lists of all orders. • View order “states” such as Open, Ready, Transmit, Reject, and Completed as they progress through the recent change process. • Schedule orders to be sent to a switch on a specific date and time.
Accurate Database	8950 VAM maintains a copy of the database and its associated views/tables for each switch. The data is initially extracted from the switch and is automatically synchronized.
Graphical User Interface (GUI)	The 8950 VAM GUI is displayed on a high-speed color graphical workstation or PC that: • provides the user with a variety of windows that presents information and choices in a user-friendly manner. • presents a series of “widgets” (Icons, Menus, Menu Bar, Radio Buttons, Check Buttons, Dialog Boxes, Push Buttons, Action Buttons, and Scroll Boxes) which provide you with a simple and intuitive way to initiate actions. The various widgets will be described in a later unit.

To perform a complete Recent Change function, a single 8950 VAM workstation or PC can be used to access other systems and thereby reduce the need to move from one terminal to another.

Power Tools and Expert Systems

8950 VAM incorporates a set of power tools which allows you to transform the results of a database query into a worklist. This features allows the following types of operations:

- Automatic selection of linked views or tables where key data is passed from earlier views or table to subsequent views or tables.
- Creating a group of new Recent Changes based on conditions found within the 8950 VAM database.
- Creating a group of similar Recent Changes based on conditions found within the 8950 VAM database.

Direct communication to all supported switches

The 8950 VAM system has direct access to all switches that are supported. You simply select the required switch from a list and the necessary communication links are established automatically.

Other OS Interfaces

The 8950 VAM workstation or PC can easily access other systems and view the required information. Some systems which can be accessed are:

- TNM/SCCS
- TRUNK
- APTOS
- COTS

Cross Switch Functionality

The following 8950 VAM features have the ability to work across multiple switches simultaneously:

- Cross Switch Copy
- Cross Switch Query/Reports

History and Analysis

8950 VAM maintains a history of all Recent Changes sent to the switch. The history can be configured differently. History records include:

- Date and time of completion
- RC initiator's name
- A list of all data
- The RC itself

Internally Generated Views and Tables

8950 VAM generates the various 5ESS views or DMS tables and presents these views/tables to the user on the workstation or PC. This allows:

- Quick access to the desired views or tables.
- Population of views or tables with default values.
- Automatically linking views or tables where appropriate.
- Considerable less switch access.

Schedule, Monitor and Preview of Recent Changes

8950 VAM allows one set of users to build a large volume of Recent Changes in preliminary form during a single session. Another group can then:

- Review the order(s)
- Make detailed modifications
- Schedule or manually send the individual RCs or orders
- Monitor the progress of scheduled changes

Batch Changes of Pending RCs

8950 VAM allows you to perform queries on pending RCs and make uniform global changes on selected key and non-key fields.

Display RC Link Status

8950 VAM displays the current status of the RC Link currently accessed.



Using 8950 VAM

Using 8950 VAM 8950 VAM access is provided at every center. Workstations or PCs will be located at these centers for your use.

In a typical session, you will:

1. Log-in at the workstation or PC.
2. Create a new Transmittal Sheet.
or
Select a previously created Transmittal Sheet.
3. Enter the necessary data required to create the RC.
4. Establish a Ready (RDY) state of the order when completed.

Once the RDY state is established, the order can:

1. Be reviewed and corrected if necessary.
2. Sent to the required switch.

Orders and states will be described in detail in later sections.



Switch Views and Switch Tables

Views and Tables Part of the programming associated with 8950 VAM is the inclusion of switch views and tables. The views and tables are generated within 8950 VAM and the data contained in the views and tables are stored in the database. The views and tables are replicas of the switch views and tables and do not require access to the switch.

8950 VAM will automatically keep track of the switch generics and present the correct views and tables.

With built-in views, tables, and an accurate database, the most common RCs can be generated in advance and scheduled to be sent to the switch at a later time. In addition, a great deal of efficient processing can be carried out on 8950 VAM.



Processing Recent Changes

Introduction You can process recent changes sequentially or in bulk using Power Tools. Examples of each are shown in the following sections.

Single Orders In a typical session, you will:

1. Log-in at the workstation or PC
2. Create a new Transmittal Sheet.
or
Select a previously created Transmittal Sheet.
3. Enter the necessary data required to prepare the created RCs.
4. Establish a Ready (RDY) state of the order when completed.

Once the RDY state is established, the order can:

1. Be reviewed and corrected if necessary.
2. Sent to the required switch.

Orders and states will be described in detail in later sections.

Using Power Tools This section describes the use of Power Tools using a sample process.

- Search 8950 VAM database for certain conditions and mark each occurrence.
- Change marked occurrences to new condition.
- Automatically create new views or tables to reflect new conditions.

For complete instructions on creating bulk orders using Power Tools, see Chapter 11, Creating Multiple RCs/Orders Using Power Tools.

System Users

Users There are three groups accessing 8950 VAM. They are:

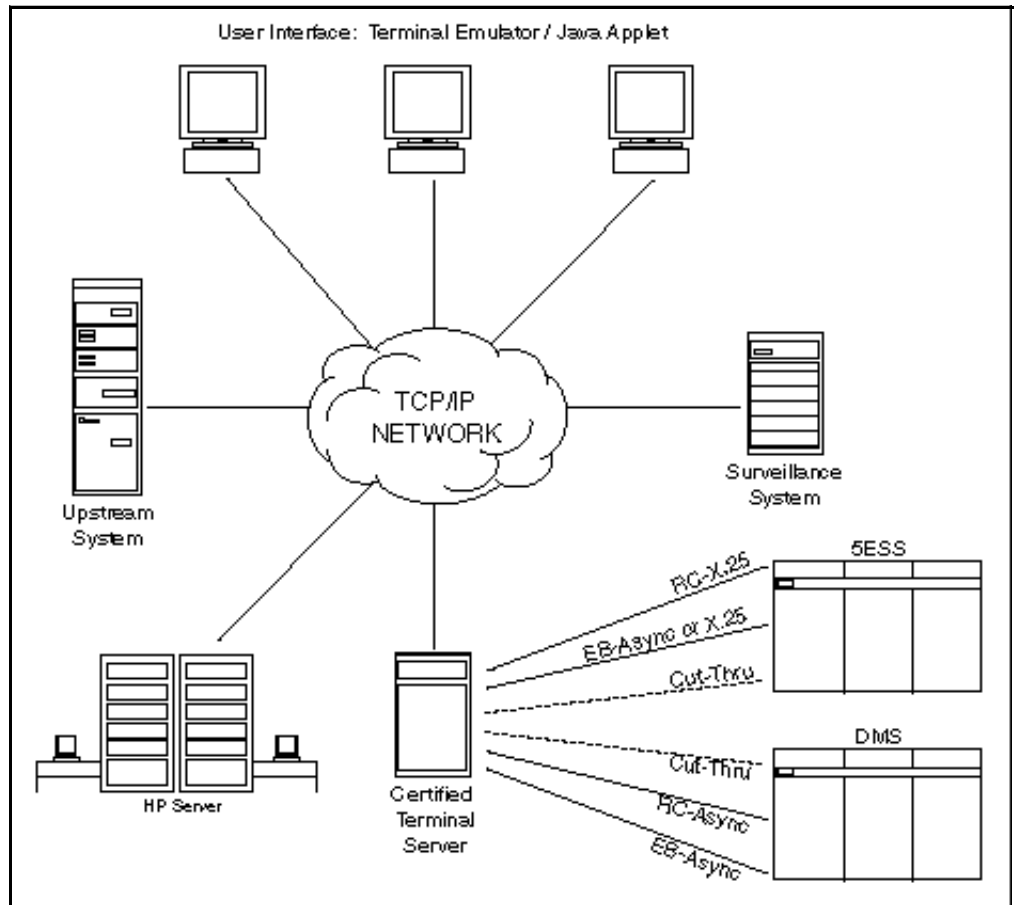
- Personnel performing the translations.
- System Administrators.
- Field staff and management personnel.



Topology

Diagram The 8950 VAM system topology is shown below.

Figure 2-1 8950 VAM Topology



Computers There are two different computers which are networked together. They are:

- [HP Servers](#)
- [Work Stations \(Sparc Station\) or PC's](#)

HP Servers

- Holds the shadow database and communicates to all of the switches.
- Contains all of the supported switch views or tables.
- Contains UNIX and the controlling software programs.
- Fully redundant for high availability.

- Generally located in a data center.

Work Stations (Sparc Station) or PC's

- Powerful desk top computers which provide all the displays, windows and inputs for the user.

Network All computers, switches, and electronic interfaces are interconnected via a high speed Local Area Network, Datakit or individual circuits.

Printer There is a Report Printer located in every work center that should be used to generate reports.

Database Source 8950 VAM's database is a *shadow* of the information within the 5ESS and DMS switches. This shadow database is obtained from data that is recorded in the switch database. The 8950 VAM database and the switch database are in constant synchronization mode, thereby maintaining current information.



Loading Switch Data

Initial load The 8950 VAM Tape Dump and Load or the Network Based Dump and Load is used to get data to 8950 VAM for the first time. Following that, each switch generic upgrade requires a new dump and load to be performed to get the latest switch data.

The 8950 VAM database is initially built by extracting files from each of the actual switches. This process involves:

1. Visiting each switch.
2. Mounting a magnetic tape at the switch or downloading the file over the network.
3. Entering commands at the switch to copy specific data from the switch database to the magnetic tape.
4. Transporting the tape or data file to the 8950 VAM HP Servers.
5. Reading in the tape or data file and populating the 8950 VAM files.

Three Dump and Load procedures

The 8950 VAM capability that initially acquires a copy of a database and loads its data into the 8950 VAM Informix database, is called Dump and Load. Tape (in the format of 9-track or DAT) is the medium that is used to transfer 8950 VAM dump scripts to the switch and switch data to the 8950 VAM machine.

Another alternative is the Network Based Dump and Load procedure. This procedure does not use tape as the data transfer medium but instead, uses a new mechanism to retrieve the DMS table files for any and all supported DMS tables. The retrieval takes place across the recent change channel. This feature is intended for partial dump and load only, and is not intended to replace the existing tape-based procedure for the full DMS table dump.

With the new DMS Dump and Load via FTP feature, a customer who has FTP access to their DMS switches will be able to do a high speed network dump and load. There are two versions of this feature:

- DMS Dump and Load via FTP connects to the DMS via an Ethernet Interface Unit (EIU) card.
- DMS Dump and Load via SDM connects to the DMS via the Super Node Data Manager (SDM). It is described in the next section.

DMS Dump and Load Via SDM

Using this feature DMS Dump and Load via SDM provides one means of performing a high speed network dump and load operation. The following list contains important items to know before using this product:

1. Copy script files from 8950 VAM to the DMS switches.
2. Execute script files on the DMS.
3. Allocate enough DMS sfdev disk space.
4. Make sure that the users are able to FTP data from their DMS switches to 8950 VAM.
5. Make sure that, for the DMS Dump and Load via FTP, the users are able to FTP data from their SDM to 8950 VAM.
6. Verify that the DMA has XA-Core in order to correctly execute the scanf command to delete the files.

**Directory and permissions
setup**

The following items must be created:

- The directory to which the file is copied via FTP in 8950 VAM.
- The username and password to read and write into that directory.

This directory authenticates read-write permissions such that users with *int* permissions can read and write to it. It is recommended that there be separate directories built for each DMS switch. It is also recommended that the login created for this directory only have FTP permission.

Database Synchronization

Methods 8950 VAM's database is kept current with the switches by utilizing two methods. They are:

- Using TNM or NMA and other system logging files to capture any changes occurring between the time the data is extracted from the switch and the time the data is loaded into 8950 VAM.
- The logging files will be automatically requested each night to ensure that the 8950 VAM database is synchronized with the switch.
- Once the initial 8950 VAM database is built, it is automatically synchronized with the switch by the use of Echo-Back channels and audits.

Echo Back Once in operation, 8950 VAM's database is set in synchronization mode with each switch by utilizing the Echo-Back channel. When RCs from any source are accepted by the switch, the updates are echoed back to 8950 VAM via a separate communication channel.

- ### Figure 2-2 Echoback Message Acknowledgement

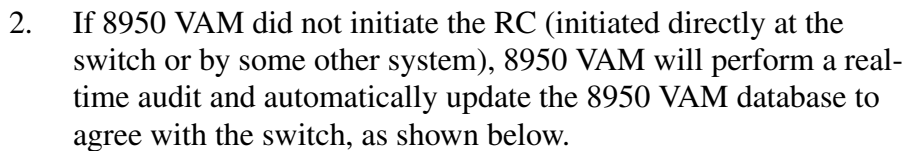
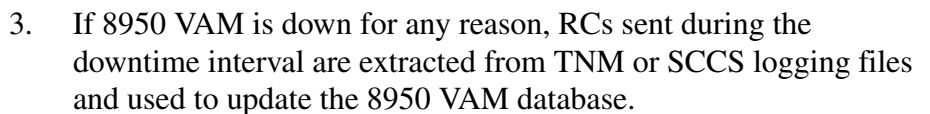


Figure 2-3 Synchronized 8950 VAM Database/Switch



Benefits of Echo-Back Link

The following are benefits of echo-back link:

- Keeps 8950 VAM in synchronization with the switch.
- RC activity performed outside of 8950 VAM is kept in synchronization.



3 Getting Started

Overview

Purpose This chapter presents basic information that is required to begin working with 8950 VAM.

- Objectives** Upon completion of this unit, you will be able to:
- Log into 8950 VAM using the workstation or PC.
 - Use the system to select a supported 5ESS and DMS switch (*OFFICES*).
 - Bring up the 8950 VAM Main Menu and describe the menu bar items.
 - Select a Recent Change view for 5ESS or table for DMS from the *CLASSES/TABLES* Menu and perform a query.
 - Describe the items from the following menus:
 - *SUMMARIES*
 - *ORDER CMDS*
 - *RC CMDS*
 - *ADMIN*
 - *OPTIONS*
 - Describe the items found when using the *INFORMATION* action button.
 - Describe the 8950 VAM View action buttons.

The following topics are included in this chapter

Accessing 8950 VAM	3-4
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Linked Views or Linked Tables Menu	3-27
Summaries Menu	3-28
Order CMDS Menu	3-30
RC CMDS Menu	3-32
Admin Menu	3-34
Options Menu	3-36
Information Menu	3-38



Accessing 8950 VAM

Procedure for users To login to 8950 VAM, perform the following:

- 1 Log on to the PC or workstation.
- 2 Start the browser and enter the uniform resource locator (URL) for your 8950 VAM system (this is set up by the system administrator for your site):

http://<HP server name>

Important! If security is set up on your system, use

https://<HP server name>

Result: The following screen is displayed.

Figure 3-1 Login Authentication



The image shows the login authentication screen for the Alcatel-Lucent 8950 VAM (Voice Activation Manager). The screen has a white background with a blue and purple abstract graphic on the left side. In the top right corner, the Alcatel-Lucent logo is displayed. The main heading "Alcatel-Lucent 8950 VAM" is centered, with "Voice Activation Manager" below it. There are four small blue dots to the left of the heading. Below the heading, there are two input fields: "User ID:" and "Password:". To the right of the "Password:" field is a "Login" button.

Alcatel-Lucent

Alcatel-Lucent 8950 VAM
Voice Activation Manager

User ID:

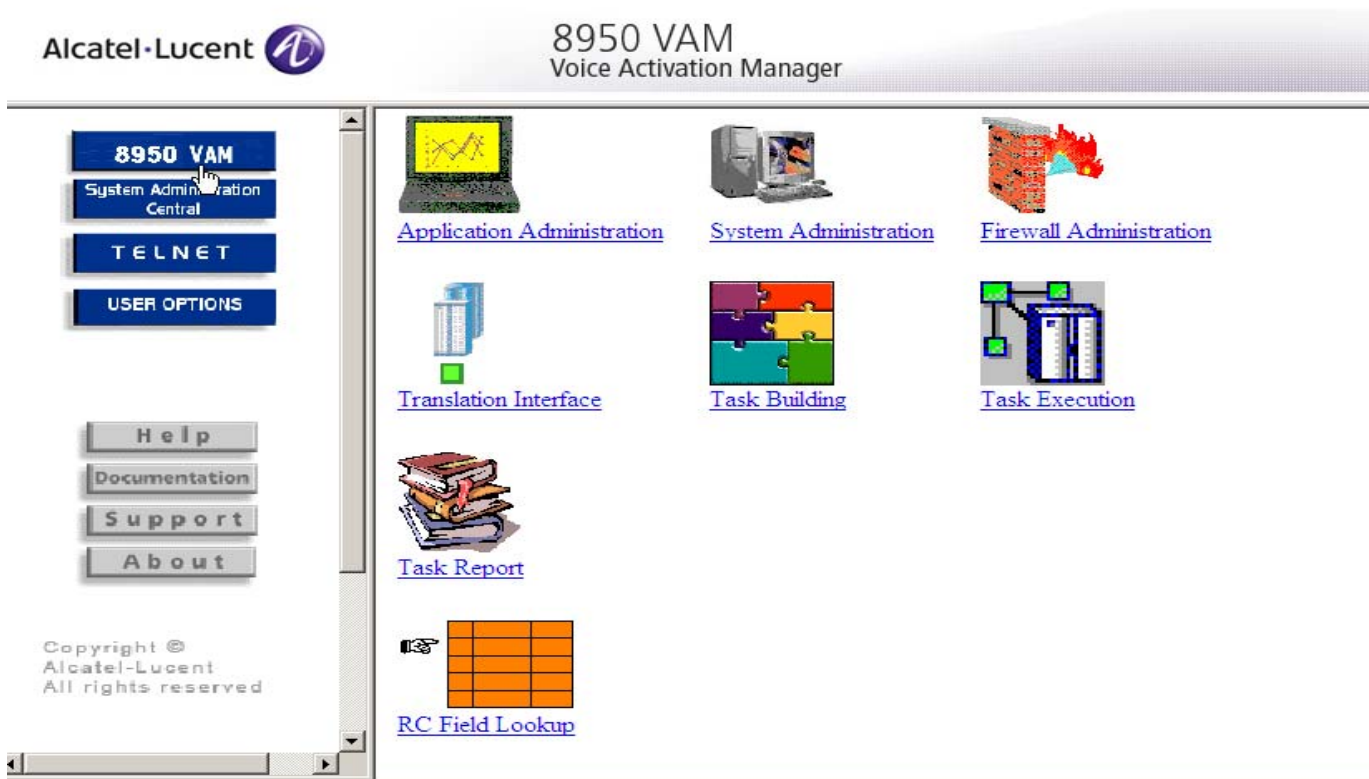
Password:

Login

- 3 Enter your username and password at the 8950 VAM Login Page as shown in [Figure 3-1](#) and click on the **Login** button.

Result: The 8950 VAM Launch Page ([Figure 3-2](#)) is displayed. The next two figures ([Figure 3-2](#) and [Figure 3-3](#)) show the main frame of the launch page and the set of buttons that appear on the left side of the launch page, respectively.

Figure 3-2 8950 VAM Launch Page - Main Frame



Important! Some items on the screens may not be available for all customers. And some icons will appear on the bottom of the screen for users who have chosen to purchase related options.

Figure 3-3 8950 VAM Launch Page - Buttons



Navigation Buttons in the 8950 VAM Launch Page

You can use the four blue navigation buttons on the left-side of the launch page as follows:

8950 VAM – Return to the launch page.

System Administration Central – Login to the central as the system administrator.

TELNET – Open a telnet window in order to login to a remote system.

Important! The Telnet protocol handler is no longer supported in Internet Explorer (IE) 7.0. Hence this button will not work in IE 7.0.

User Options – Change your password.



Changing Passwords

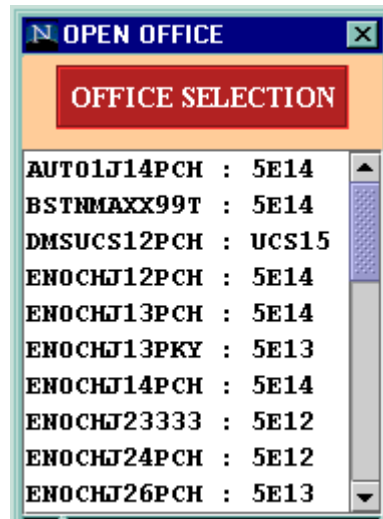
From this page, users can change their Password using the **User Options** button. Select **Change Password** and enter the Username, Password, and New Password. To confirm your new password, re-enter the new password, and press the **Accept** action button.

4 Select the **Translation Interface** Icon.

Result: A screen is displayed indicating that ATP data is downloading.

After the data download is complete, the following screen is displayed. This screen displays all the switches that you will access and have been set-up by the System Administrator.

Figure 3-4 Offices Menu Selection



Important! The list of offices is presented differently if using Hyper Text Transport Protocol Security (https).

5 Click the required office switch name.

Result: The following screen is displayed. It indicates the current status of the Error and Message Handler and its connection with the office.

END OF STEPS

Figure 3-5 The Main Window

OFFICESCLASSESLINKED VIEWSSUMMARIESORDER CMDSRC CMDSADMINOPTIONSinFORMATION

INTRC SUMMARY {ORD}

AUTO1J14PCH5E14

ORDER	ST	RCV/TBL	KEY	MD RC#	DATE	USR

QUERYREDISPLAY

Error and Message Status

<01/07/02 10:19:54> Asynchronous Message Handler Initialized: UI139A

RC LINK IS UP

EB LINK IS DOWN

Using translation interface for Non-Shadowed switches

Purpose This section explains about the non-shadowed customers accessing the translation interface.

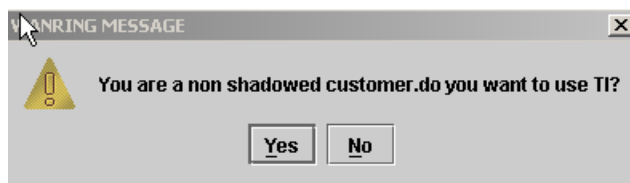
Steps Perform the following to log on as a non-shadowed customer.

1 Log on to 8950 VAM using the user interface.

2 Select the **Translation Interface** icon.

Result: The following **Warning** screen is displayed.

Figure 3-6 Warning



3 Select Yes to confirm that you are a non-shadowed customer.

Result: The **non-shadowed main** screen for the non-shadowed customer is displayed where you can update the inventory tables.

Figure 3-7 Non-shadowed main screen

ADMIN

OPTIONS

INFORMATION

INT

ROUTE DIGITS

DUMMYSWITCH

5E16

*1. SWITCH NAME

*2. ROUTE LABEL

*3. PRIMARY KEY

*4. PRIMARY KEY VALUE

*5. SECONDARY KEY VALUE

*6. TERTIARY KEY VALUE

7. RTDEST

8. ACTN

9. MIN COST

11. REROUTE

12. USER ID

13. TIMESTAMP

14. ORDER ID

10. MAX COST

INPUT

QUERY

Error and Message Status

Windows

Introduction The user interface has some elements that are common. They are:

- [Title Bar](#)
- [Menu Bar](#)
- [Menu Item](#)
- [Data Area](#)
- [Action Buttons](#)
- [Cursors](#)

Title Bar The top bar on the window presents the title of the window.

Menu Bar This bar displays the various menus available on the display. Any one of the menus can be selected by placing the mouse cursor over the menu and clicking the left mouse button. When a display is active, this bar is highlighted.

Menu Item The available menu items are displayed via a Pull Down Menu display. Specific menu items may be selected by moving the cursor to the item of interest and clicking the left mouse button.

Data Area This area is where data is displayed. Part of the area is label information and is protected. Part of the area is reserved for input.

Action Buttons A series of labeled buttons that can be activated by placing the cursor over the required button and clicking the left mouse button. The action buttons displayed are determined by the permissions you have been set-up to use.

Cursors There are two cursors associated with the 8950 VAM workstation.

- **Mouse Cursor**

The mouse cursor is a diagonal arrow displayed on the screen and is controlled by the movement of the mouse.

- **Text Cursor**

The text cursor is a rectangular box that shows your position during keyboard entry.

Example 1 Figure 3-8 Screen Items

The screenshot displays a software interface with a dark red menu bar at the top containing the following items: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the menu bar, the main content area is divided into several sections. The top section, labeled 'MENU BAR' and 'MENU ITEMS', contains the text 'INT' and 'TRANSMITTAL SHEET {COVER}'. Below this, a form displays various fields: 'AUTO1J14PCH' (highlighted), 'LAST ACCESSED ORDER: NSC RC: 246749 (5.4)', and '5E14' (highlighted). The form is organized into two columns. The left column contains fields: *ORDER: (with a text cursor), PROJECT:, RSV:, RSV DATE:, TMO DATE:, RDY DATE:, RID DATE:, SCC DUE/PTD DATE:, DUE DATE:, COMP DATE:, CANCEL DATE:, COORDINATE WITH:, REMARKS:, COMPLETED BY:, and ORDER STATE:. The right column contains fields: HOSTCLLI: (with the value 'AUTO1J14PCH'), DMOPRO:, CREATED BY:, PHONE #:, HISTORY RDY DATE:, HISTORY RID DATE:, HISTORY SCC DUE/PTD DATE:, HISTORY DUE DATE:, HISTORY CANCEL DATE:, and CANCELED BY:. A mouse cursor is shown pointing at the 'RSV DATE:' field. Below the form fields, a dashed line separates the form from a text entry area labeled 'Enter an Order name/number (up to 15 characters)'. Below this area are two buttons: 'ACCEPT' (green) and 'EXIT' (yellow), collectively labeled 'ACTION BUTTONS'. Below the buttons is a section titled 'Error and Message Status' containing a text box with the message '<01/07/02 10:19:54> Asynchronous Message Handler Initialized: UI139A'. At the bottom of the interface, there are two circular indicators: a green one labeled 'RC LINK IS UP' and a red one labeled 'EB LINK IS DOWN', collectively labeled 'LINK INDICATORS'.

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT MENU BAR TRANSMITTAL SHEET {COVER} MENU ITEMS

AUTO1J14PCH LAST ACCESSED ORDER: NSC RC: 246749 (5.4) 5E14

*ORDER: TEXT CURSOR HOSTCLLI: AUTO1J14PCH

PROJECT:

RSV:

RSV DATE: MOUSE

TMO DATE:

RDY DATE:

RID DATE:

SCC DUE/PTD DATE:

DUE DATE:

COMP DATE:

CANCEL DATE:

COORDINATE WITH:

REMARKS:

DMOPRO:

CREATED BY:

PHONE #:

HISTORY RDY DATE:

HISTORY RID DATE:

HISTORY SCC DUE/PTD DATE:

HISTORY DUE DATE:

HISTORY CANCEL DATE:

CANCELED BY:

COMPLETED BY:

TEST DATE:

ORDER STATE:

TESTED BY:

Enter an Order name/number (up to 15 characters).

ACCEPT EXIT ACTION BUTTONS

Error and Message Status

<01/07/02 10:19:54> Asynchronous Message Handler Initialized: UI139A

RC LINK IS UP EB LINK IS DOWN LINK INDICATORS



CAUTION

In the Java user interface, the placement of the mouse pointer determines the active window - that is NOT necessarily the last window opened. You need to move your mouse cursor into the active window to be able to work in the new window.

Important! In the Translation Interface, all JoptionPane dialog boxes have been modified in such a way that **Enter/Return** key activates the required button.



Link Indicators

Two Types As shown in the previous screen, 8950 VAM provides you with 2 types of link indicators. They are:

- Echo-Back Link Indicator
- RC Link Indicator.

Refer the following diagram for a description of Echo-Back Link indicator lights:

Figure 3-9 Echo-Back Link Lights

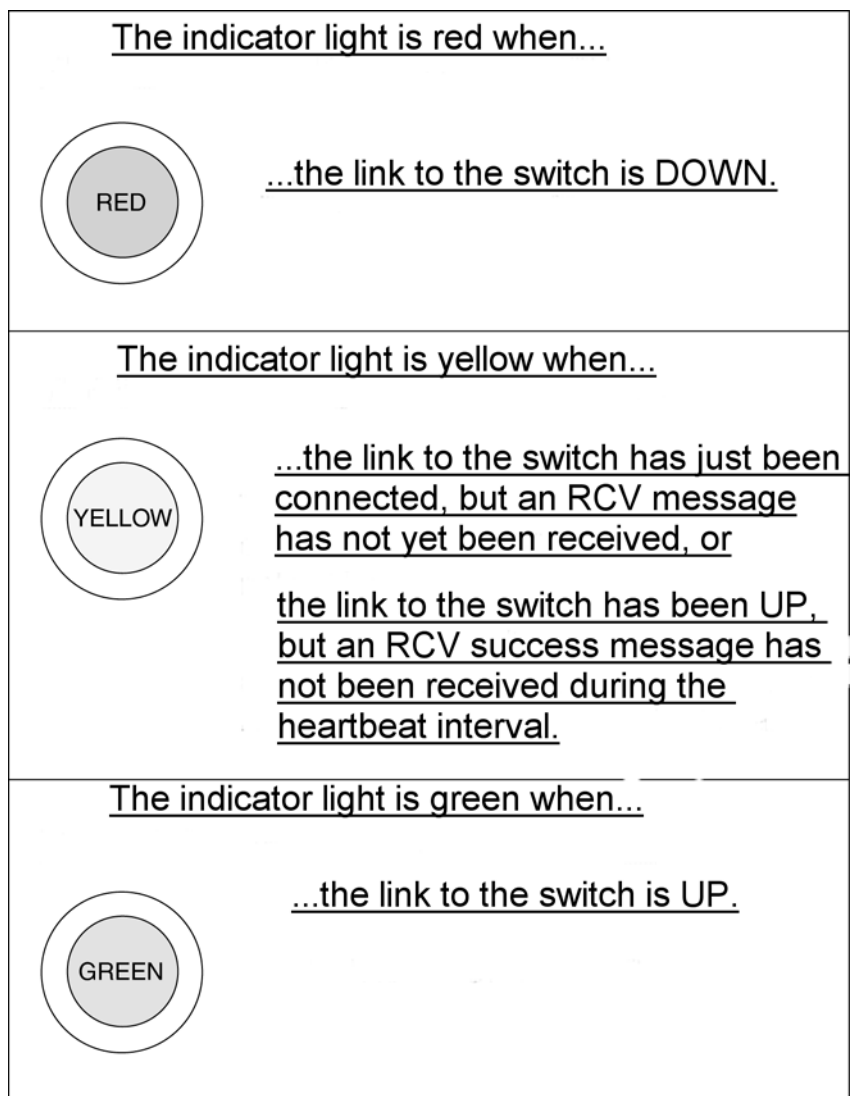
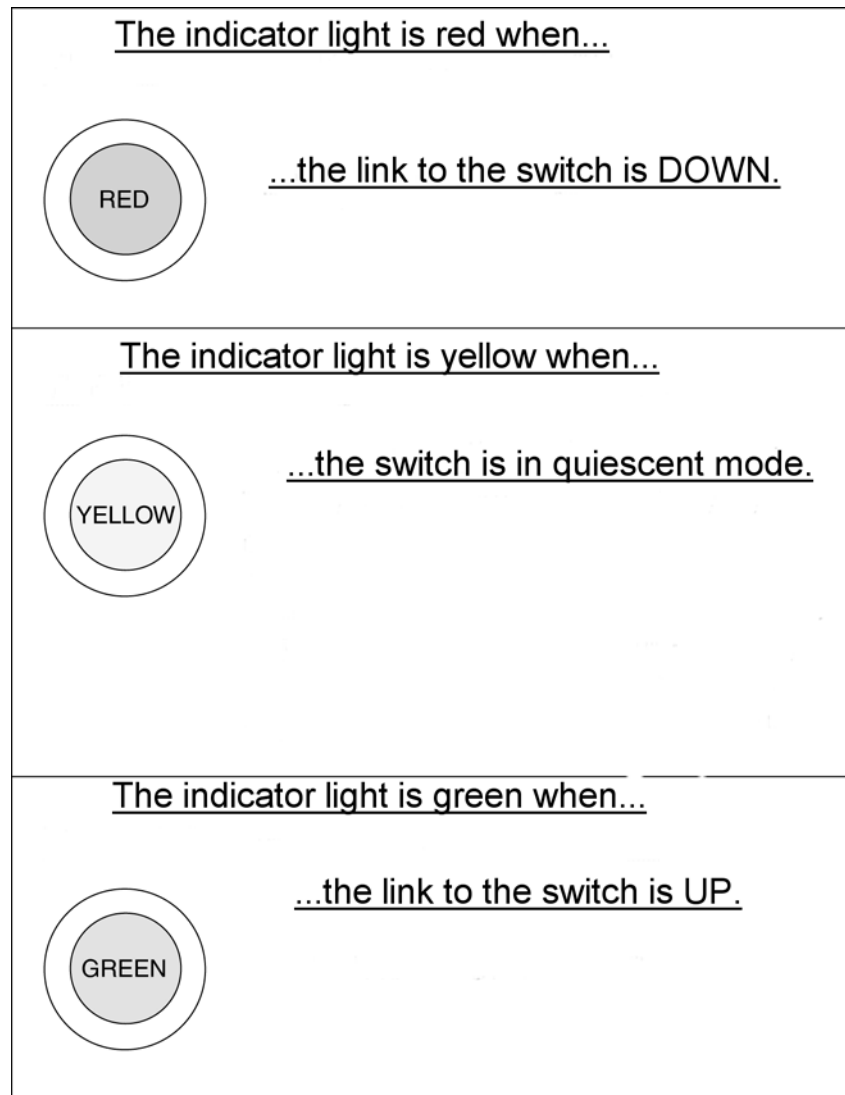


Figure 3-10 RC Link Lights



- For links that are Red or Yellow, contact your system administrator.
- For links that are Green, your orders will go directly to the switch because your link is up and running.

Important! Quiescent means inactive or still.



System Help

On-line Help 8950 VAM currently supports on-line help via the Shift + Right mouse button for web-based and the Middle mouse button for non-web 8950 VAM. To invoke the system help, place the mouse pointer over the desired action button or menu entry and hold the Shift + Right mouse button for web-based and the middle mouse button for non-web 8950 VAM. A system help window appears along with supporting text. The help window disappears when the middle or Shift + Right mouse button is released.

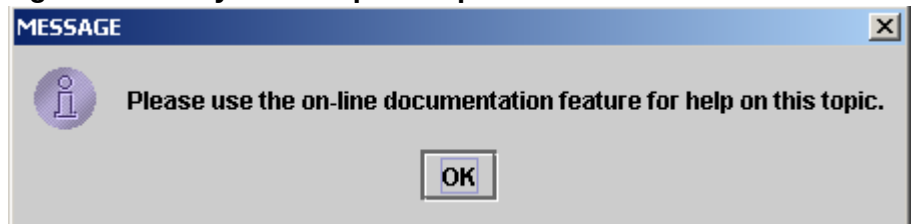
Currently, there are no help windows for menu bar items.

The following images are examples of system help messages.

Figure 3-11 System Help Example 1



Figure 3-12 System Help Example 2



Field Level Help

Introduction 8950 VAM currently provides field level help for all fields on all views/tables and summaries. This help includes valid values and possibly examples of what can be input into specific fields. You will see the field level help when inputting data.

The field level help is displayed at the bottom of the screen.

Figure 3-13 Field Level Help

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT RC SUMMARY {ORD}

AUT01J14PCH5E14

ORDER	ST	RCV/TBL	KEY	MD RC#	DATE	USR

0109: Query on any field

ORDER name assigned to a group of RCs

ACCEPTEXIT

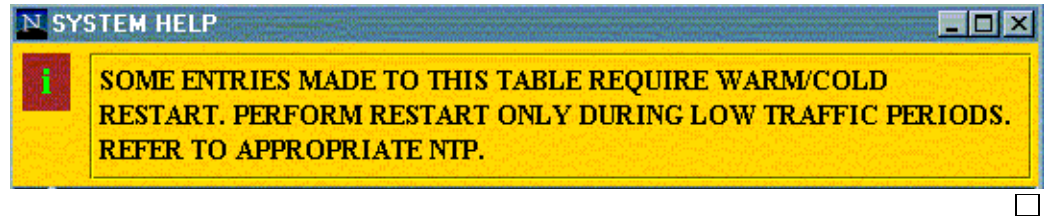
Important! When you are in input mode, the bottom line of the screen displays valid values for the current field.



User Flag Help

Automatic Help In some cases, a DMS table may require additional explanation while inserting information in the table. When accessing these tables, a pop-up window automatically displays the additional information.

Figure 3-14 Automatic Help Example



Introduction to Menus

- Menu Items** The following menu items are available on the Main Window:
- [Offices Menu](#)
This menu presents a list of the available offices for your UUID (UNIX user-id). It is the same list as on the Initial menu. It is also presented on this window to allow easy switching to different offices without having to leave the main window.
 - [Classes or Tables Menu](#)
This menu presents a list of all classes of 5ESS views or DMS tables supported by 8950 VAM. The CLASSES list is a cascaded list which shows the views that are supported within each class. The TABLES list is alphabetically arranged according to the control table name.
 - [Linked Views or Linked Tables Menu](#)
This menu presents a list of all the linked views/tables. Linked views/tables are discussed in more detail in the following sections.
 - [Summaries Menu](#)
This menu presents a list of different workflow presentation tools.
 - [Order CMDS Menu](#)
This menu presents a list of operations on a given order.
 - [RC CMDS Menu](#)
This menu presents a list of operations on an individual RC.
 - [Admin Menu](#)
This menu presents administration functions.
 - [Options Menu](#)
This menu presents Print Screen, Font Selection, Color Selection, and the Quit option.
 - [Information Menu](#)
This menu presents the Support, Documentation, About, and Help options.



Offices Menu

Introduction This menu item lets you select a different switch office, other than the one you initially selected to work on. Each user has a customized list of switch CLI codes that are established by your System Administrator. The list changes with time as new offices are added to the system.

Selecting an Office Use the following procedure to select an Office.

- 1 Click on the **OFFICES** menu.

Result: The list of Offices is displayed, as shown below.

Figure 3-15 OFFICES

OFFICES

CLASSES

LINKED VIEWS

SUMMARIES

ORDER CMDS

RC CMDS

ADMIN

OPTIONS

INFORMATION

120PERFTEST : SN07

5E16DALCLLI : 5E16FR5

5E16INVTEST : 5E16

BABUSN06VAM : SN06

CVM11TEST01 : CVM11

DMSDITTESTI : SN09

NSINHATEST1 : SN06

NSINHATEST2 : SN06

RC SUMMARY {ORD}

5E16FR5

RCV/TBL

KEY

MD RC#

DATE

USR

UPDATE

QUERY

REDISPLAY

Error and Message Status

<06/24/09 10:44:14> Asynchronous Message Handler Initialized: UI150A

RC LINK IS UP

EB NO HEARTBEAT

2 Select the desired Office from the list.

Result: The desired Office is selected.

END OF STEPS

Customizing the Office List

The Custom-built Office pull-down menu allows you to generate a custom list of offices that you can work on. The following procedures describe how to add or delete an office from your customized list.

Adding a Switch

- 1 Move the mouse cursor over the **OFFICES** menu and select it.
- 2 With the left mouse button, select the **UPDATE** action button to display the offices available for selection.
- 3 Place the mouse cursor on the desired switch and press the left mouse button, and then select the **EXIT** action button.
- 4 Select the **OFFICES** pull-down menu and confirm that the switch was added to your custom office list.

END OF STEPS

Deleting a Switch

- 1 Move the mouse cursor over the **OFFICES** menu and select it.
- 2 Place the mouse pointer over the switch to delete and press the Shift + Right mouse buttons or middle mouse button. The switches selected for deletion are removed automatically.
- 3 Select the **OFFICES** pull-down menu, and confirm that the switch was deleted from your custom office list.

Important! You cannot delete the switch that you are currently accessing.

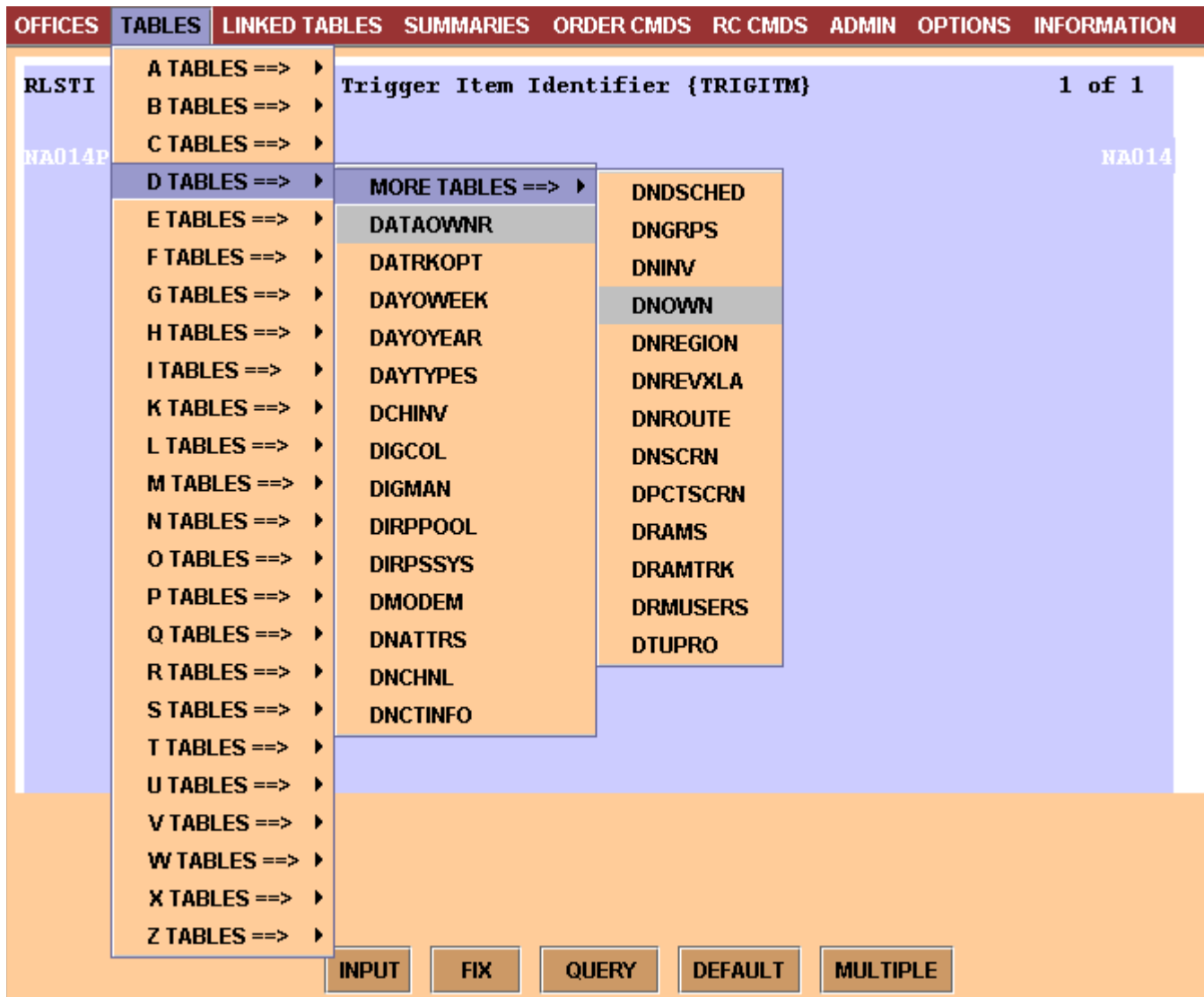
END OF STEPS



Classes or Tables Menu

Introduction This menu item presents a list of all the available classes of 5ESS views or DMS tables supported by 8950 VAM. Each of the classes has a set of corresponding views, and are displayed in a cascaded menu. Each of the tables are listed alphabetically by the control table in a cascaded menu. Even if a table has more than one level, you can easily access the sub-table with just one mouse click; there is no need to access the control table first.

Figure 3-16 DMS TABLES Menu Example



OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT	MORE CLASSES ==>							{ORD}
	CLASS A : ADMIN ==>							
AUTO1J	CLASS B : BATCH ==>							5E14
	CLASS 1 : LINES ==>							
	CLASS 2 : LINES-OE ==>							
	CLASS 3 : LINES-MLHG ==>							
	CLASS 4 : LINES-MISC ==>							
	CLASS 5 : TRUNKS ==>							
	CLASS 6 : AUTOMATIC CALL DIST. ==>							
	CLASS 7 : TRUNKS - MISC. ==>							
	CLASS 8 : OFFICE MISC. & ALARMS ==>							
	CLASS 9 : DIGIT ANALYSIS ==>							
	CLASS 10 : ROUTING AND CHARGING ==>							
	CLASS 11 : CUTOVER STATUS ==>							
	CLASS 12 : BRCS FEATURE DEFINITION ==>							
	CLASS 13 : TRAFFIC MEASUREMENTS ==>							
	CLASS 14 : LINE & TRUNK TEST ==>							
	CLASS 15 : COMMON NTWK INTERFACE ==>							
	CLASS 16 : PSU BASED SS7 ==>							
	CLASS 17 : CM MODULE ==>							
	CLASS 18 : SM & REMOTE TERMINALS ==>							
	CLASS 19 : SM UNIT ==>							
	CLASS 20 : SM PACK & SUBPACK ==>							
Error and Message Status								

Selecting a View or Table To select a 5ESS view or DMS Table, perform the following:

- $$3 - 23$$

- 3 Select the desired view/table from the cascaded menus.

Result: The data area of the screen becomes populated with the chosen view/table.

The display is updated as shown below.

Figure 3-18 View Example

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT LINE CLASS CODE {4.1}

AUT01J14PCH 5E14

RC MODE: ORDER:

*1. LCC
*2. RAX
#3. SERVCL
#4. TERM
#5. SCR
6. LINE SCR
7. DAS
#8. INSEP
#9. DESEP
COUNT
11. LATA
12. RMK

INPUT FIX QUERY DEFAULT MULTIPLE

Error and Message Status

RC LINK IS UP EB LINK IS DOWN

Figure 3-19 Multiple Page View/Table Example

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT		HUNDREDS GROUP ASSIGNMENT VIEW {4.14}				Page 1 of 3		
AUT01J14PCH						5E14		
RC MODE:		ORDER:						
★ 1. NPA								
★ 2. OFFCOD								
★ 3. HUND GRP								
4. RM TYPE								
5. CKT SM								
6. PKT SM								
7. HRI								
8. PORTED OUT								
WARNING : CHANGING CKT SM WILL CAUSE THE HUNTING SM OF THE CIRCUIT MLHGS								
ON SCREEN 2 TO BE MOVED.								
CHANGING PKT SM WILL CAUSE THE HUNTING SM OF THE PACKET MLHGS								
ON SCREEN 3 TO BE MOVED.								
INPUT FIX QUERY DEFAULT MULTIPLE NEXT PG PREV PG								

Important! Several different action buttons appear on the bottom of the display. In a multi-page view, the **NEXT PG** and **PREV PG** action buttons can be used to move from one page to another. The **NEXT PG** and **PREV PG** action buttons do not appear on DMS screens as all data is displayed on a single page.

For more information about View or Table action buttons, see Chapter 7.

END OF STEPS

OFR Notification

Provide information to end-users of 8950 VAM about the status of database loads for a particular view/table. You will know when a particular database load is occurring. This feature is used to preserve the database integrity.

The following message is displayed when the database load is currently running.



WARNING

Database load for (view/table) currently running!

The following message is displayed when the database load has not been running.



WARNING

Database load for (view/table) has not been run!

The following message is displayed when the database load has failed.



WARNING

Database load for (view/table) has failed!

For the second and third types of database messages, ensure that you note the view/table that you are trying to access, and the switch CLI name. This helps the System Administrator to troubleshoot your problem.

Press the **EXIT** action button to continue.

Important! This feature applies to all types of database loads which update view data.

What is a cut-thru?

Grey views/tables indicate that you must access the switch directly because such views/tables are not fully supported by 8950 VAM. If you select a grey item, 8950 VAM automatically opens a terminal emulation window, connects to the switch, and selects that view/table. This is called a *cut-thru*.

After processing the cut-thru, be sure to end your session on the switch in the proper manner. Depending on your switch, this may mean entering "q" for quit or a control key sequence that terminates the session. Exiting a cut-thru session simply by closing the cut-thru window may result in a hung port on the switch. This prevents other users from using the cut-thru feature until the port is reset by the switch itself (timeout) or by manual intervention.



Linked Views or Linked Tables Menu

Linked Views/Tables

This menu item presents a list of all 5ESS linked views or DMS linked tables. Much of the Recent Change activity requires building or changing a logical sequence of views/tables. An example of this is a simple Centrex Add. The add order traverses the 9.10, the 9.12 and the 9.13 views in sequence, or the XLANAME, CUSTENG, DIGCOL, CUSTHEAD, CUSTSTN, CUSTCONS, IBNTREAT, NCOS, IBNXLA, CUSTANN, and SUBGRP tables.

Selecting the **LINKED VIEWS/LINKED TABLES** option presents a list of categories which supports the traversing. Once a menu item is selected, the first logical view/table appears. Once the first view/table is populated with the appropriate data and the **ACCEPT** action button is pressed, the next sequential view/table is automatically displayed. This automatic traversing continues until the entire set of views/tables are complete.

Figure 3-20 Linked Views Example

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT		CAO ▶	RC SUMMARY {ORD}					
		CAOTEST						
	AUT01J14PCH	DAVE ▶	5E14					
	ORDER	DJC1 ▶						
		DJC2 ▶	TBL	KEY	MD RC#	DATE	USR	
		DJC3 ▶						
		DJCLINK1 ▶	DJCCASC1					
		DJCLINK2 ▶						
		DJCLINK3 ▶						
		KP ▶						

To create on order using a linked view or table service, see Chapter 10.



Summaries Menu

Menu Workflow management is supported with a number of *summary* displays that allow you to dynamically create individualized reports. The **SUMMARIES** Menu presents the list. For detailed information about summaries, see Chapter 9.

There are several items on the menu. They are:

- **XT SUMMARY**
Provides a summary of all Transmittal Sheets entered into the system.
- **ORDER SUMMARY**
Provides specific dates corresponding to any given order.
- **RC SUMMARY**
Provides the capability to view a summary of all RCs.
- **RSV SUMMARY**
Provides the capability to view all the reservations in the system.
- **UUID SUMMARY**
Provides the capability to keep an audit trail of who has accessed an individual RC.
- **REJECT SUMMARY**
Provides a listing of all rejected RCs.
- **RC LOG**
Provides the RC number, date, time, and status information of all RCs in the system.
- **CALL TRACE (5ESS Only)**
Simulates the call processing functionality of 5ESS switches to trace the path of a call through various switch views using the shadow database.

Figure 3-21 Summaries Menu Example

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT			RD}					
HELEN5E14PC			5E14					
ORDER	ST	RCV/		MD	RC#	DATE	USR	

☐ XT SUMMARY ☐ ORDER SUMMARY ☐ RC SUMMARY ☐ RSV SUMMARY ☐ UUID SUMMARY ☐ REJECT SUMMARY ☐ RC LOG ☐ CALL TRACE								
QUERY REDISPLAY								
Error and Message Status								
<01/09/02 15:16:32> Asynchronous Message Handler Initialized: UI180A								
RC LINK IS DOWN EB LINK IS DOWN								

Order CMDS Menu

Menu The order menu presents a list of commands that you can use to manage the order. Once a given order is selected, the following set of commands helps you to manipulate the order.

There are several items on the menu. They are:

- **COVER SHEET**
Creates a Transmittal Sheet with information about an order. See Chapter 4.
- **OPEN RSV**
Changes an order from the RSV state to OPN state. (5ESS only)
- **READY ORDER**
Changes a pending order to RDY state. See Chapter 4.
- **SEND ORDER**
Sends an order to the switch. This command sends all RCs in the order which do not already display a completed or canceled status. See Chapter 7.
- **STOP ORDER**
Aborts the current transmission of an order to the switch. See Chapter 7.
- **CANCEL ORDER**
Changes a pending order to cancel state. See Chapter 7.
- **UNCANCEL ORDER**
Changes a cancel order back to its previous state before being canceled. See Chapter 7.
- **ORDER INFO**
Provides status information for the order currently accessed. See Chapter 7.
- **GLOBAL REPLACE**
Globally applies data changes. See Chapter 8.
- **SCHEDULE ORDER**
Schedules the date and time an order goes to the switch. See Chapter 7.
- **UNDO ORDER**
Undo changes to an order. See Chapter 8.

- EXPERT SEND
Sends an order to the switch. See Chapters 7 and 8

Figure 3-22 Order CMDS Menu Example

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
SJR		RC SUM		☐ COVER SHEET ☐ OPN RSV ☐ READY ORDER ☐ SEND ORDER ☐ STOP ORDER ☐ CANCEL ORDER ☐ UNCANCEL ORDER ☐ ORDER INFO ☐ SCHEDULE ORDER ☐ GLOBAL REPLACE ☐ 3&6 DIGIT TRANSLATIONS ☐ UNDO ORDER ☐ EXPERT SEND				
DUMMYSWITCH				5E16				
ORDER	ST	RCV/TBL	DATE			USR		

I								
QUERY REDISPLAY Error and Message Status <03/29/05 18:32:29> Asynchronous Message Handler Initialized: UI3A RC LINK IS UP EB LINK IS DOWN								



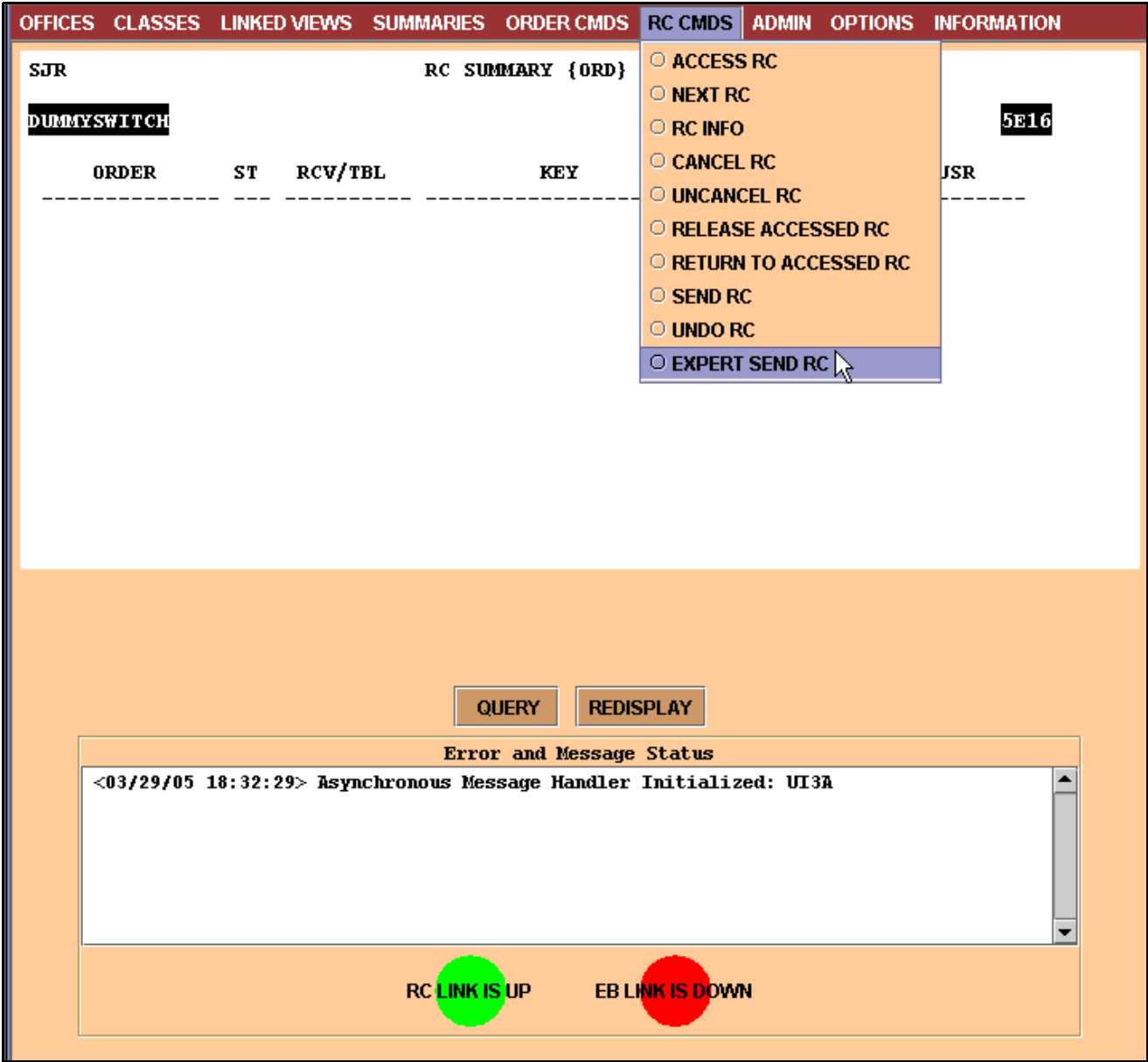
RC CMDS Menu

Menu This menu item presents a list of commands that you can use to manage RCs.

The following commands are used to manipulate an RC.

- **ACCESS RC**
Accesses RCs directly via the RC number.
- **NEXT RC**
Accesses the next RC from the current sequence.
- **RC INFO**
Provides status information for the currently accessed RC. See Chapter 7.
- **CANCEL RC**
Changes a pending RC to Cancel state. See Chapter 7.
- **UNCANCEL RC**
Changes an RC that is in the Cancel state back to the previous state before being canceled. See Chapter 7.
- **RELEASE ACCESSED RC**
Releases the currently accessed RC.
- **RETURN TO ACCESSED RC**
Returns to the currently accessed RC.
- **SEND RC**
Sends a pending RC to the switch.
- **UNDO RC**
Undo Recent Changes to a switch. See Chapter 8.
- **EXPERT SEND RC**
Sends an individual RC to the switch. See Chapter 8.

Figure 3-23 RC CMDS Menu Example



□

Admin Menu

Menu This menu item presents the following options:

- **MULTIPLE VERIFY**

Updates the RC database by creating RCs for multiple verification. The RCs are sent to the switch and the returned data is automatically populated into the RC. Since multiple orders are created from this screen, it is necessary to group them under a reference which provides control over the entire process.

See Chapter 11.

- **DIGILATOR RANGE DELETE**

Provides a method to generate a batch of deleted RCs against a digilator table, either using a range input by the user or based upon query results returned as input into the MULT RC power tool.

See Chapter 11.

- **REPORT BROWSER**

Provides the Reporting tool which displays all the files in your home directory.

- **AT&T INVENTORY**

Cascades to the Network and Switch Specific Tables for the AT&T custom inventory.

- **CUSTOM INVENTORY**

Cascades to the **DID CUST**, **CTX CUST** and **SM LDIT (9.25)** and **NOC** Screens. Both the DID and CTX CUST screens let you Query or Update customer related information. 8950 VAM-ATP has added the customer information fields for the **DID CUST** Screen to the 4.14 View, and for the **CTX CUST** Screen to the 9.10 View, so that you can enter the information at Insert or Change time. These are record-only fields that will not be sent to the switch. The **SM LDIT** screen is where the Serving NPA data is entered to exclude LDITS for use with the 3 & 6 digit tool. The **NOC** Table is used for the NOC table updates.

- **CODE OPENING TABLES**

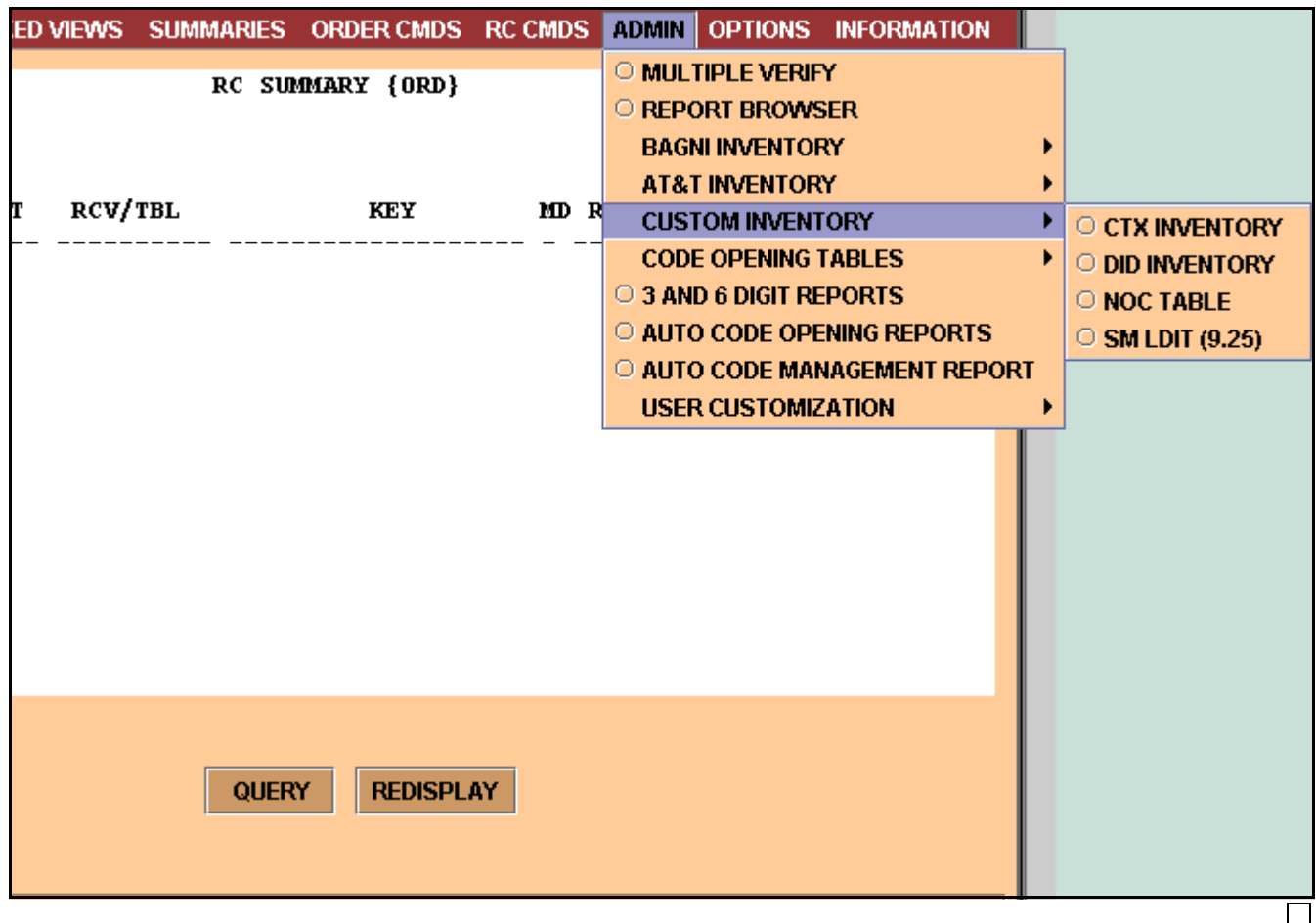
Cascades to the Global Code Administration and Office Profile Screens for the 3 & 6 Digit Feature, and the Automated Code Opening feature.

- **3 AND 6 DIGIT REPORTS**

Provides the Report Browser for displaying all the 3 & 6 Digit Reports created by your UUID.

- **AUTO CODE OPENING REPORTS**
Provides the Report Browser for displaying all the Automated Code Opening Reports.
- **AUTO CODE MANAGEMENT REPORT**
Provides the Management Summary Report option.
- **USER CUSTOMIZATION**
Cascades to the Link Defaults, Intelligent Defaults and Link Builder Screens.

Figure 3-24 ADMIN Menu



Options Menu

- Menu** This menu item presents the list of OPTIONS that deal with Screen Preferences:
- **PRINT SCREEN**
Opens the printer selection box. Select the printer that you want to print from, and press PRINT.
 - **FONT SELECTION**
Lets you change the FONT on your system (Largest, Larger, Medium, Small or Smallest).
 - **COLOR SELECTION**
Offers the original 8950 VAM colors or the Alcatel-Lucent Standard Color Scheme.
 - **EDIT**
Offers copy/paste functions. The copy option copies anything from the system clipboard. Highlight the items to copy with the left mouse button by moving the mouse button from left to right. The paste option pastes anything from the clipboard to your session.
 - **QUIT**
Quits the JAVA GUI application.
- Result:** If the users do not Quit the application as specified above, the processes associated with the user session on the server may not shut down properly, and reduce the number of available slots on the server.

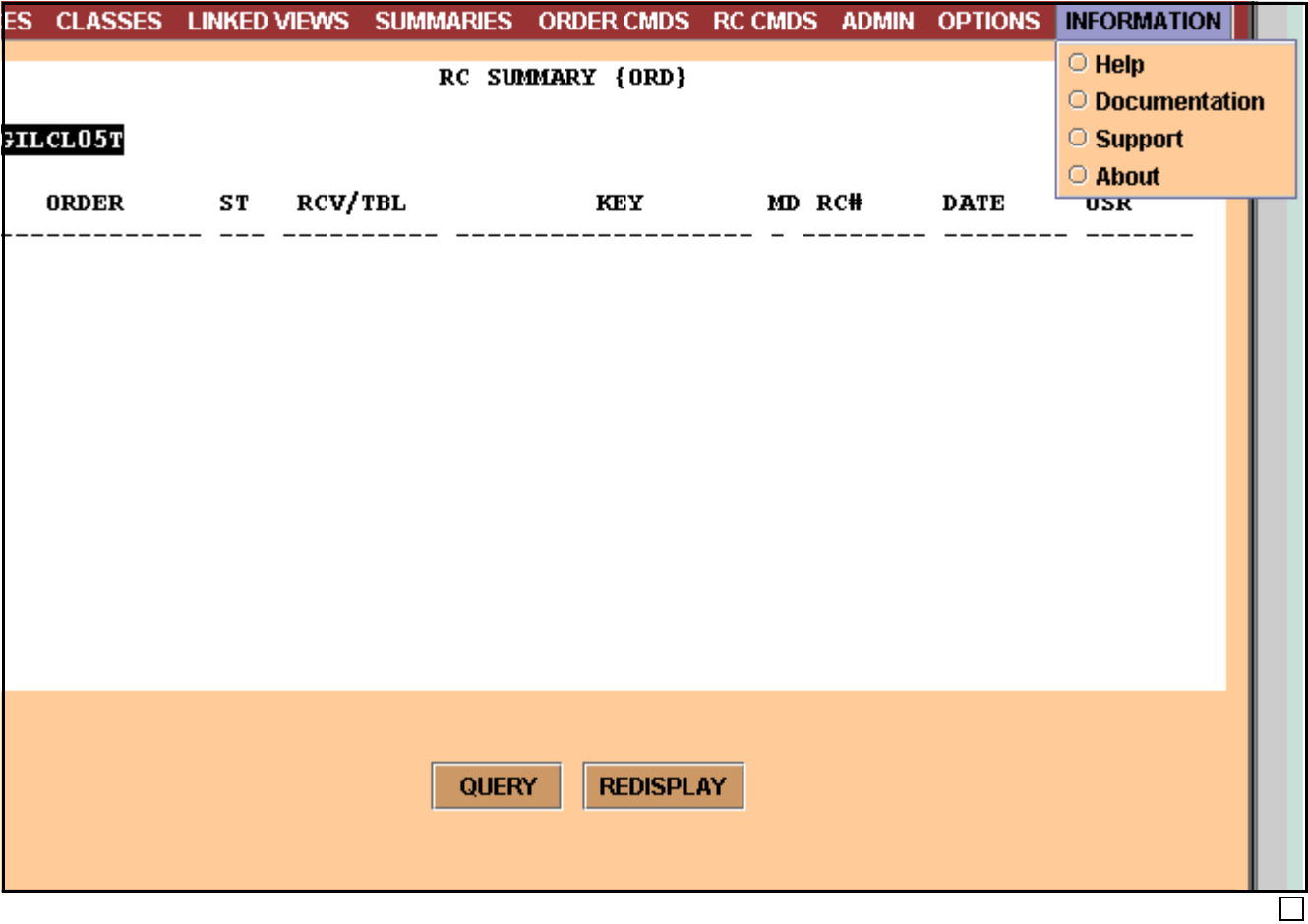
Figure 3-25 OPTIONS

LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION	
RC SUMMARY {ORD}					☐ PRINT SCREEN ☒ FONT SELECTION ▶ ☐ COLOR SELECTION ▶ ☐ EDIT ▶ ☐ QUIT ☐ LARGEST FONT ☐ LARGER FONT ☐ MEDIUM FONT ☐ SMALLER FONT ☐ SMALLEST FONT		
ST	RCV/TBL	KEY	MD RC#				
QUERY REDISPLAY							
Error and Message Status							
7:48> Asynchronous Message Handler Initialized: UI131A							
RC LINK IS UP					EB LINK IS DOWN		

Information Menu

- Menu** This menu item presents the following options:
- Help
Please refer to later sections of this guide for details.
 - Documentation
This will take you to the on-line End User Student Guide for release 8.0.
 - About
Software Release and Date.
 - Support
Contact your local 8950 VAM Administrator for system support.

Figure 3-26 Information Menu Example



4 Cover Sheet—Workflow Management

Overview

Purpose The purpose of a Transmittal Sheet (Cover Sheet) is to act as a binder or cover for a group of RCs. The current work process is to create the RCs on paper and staple all paper forms together with a Cover Sheet on the top for a given task. Data entered on the Cover Sheet acts as a tracking mechanism for the task to be accomplished. Once all the tasks have been completed, the Cover Sheet acts as a record for any additional comments and an indicator that the task was accomplished.

Objectives Upon completion of this unit, you will be able to:

- Describe the concept of a Cover Sheet.
- Describe the different states of an order and why 8950 VAM supports them.
- Describe the steps needed to create a new Cover Sheet.
- Use the Cover Sheet feature to access RCs.
- Perform a database query for a specific Cover Sheet or a general database query.
- Create a Reservation from the Cover Sheet.

The following topics are included in this chapter:.

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Important Facts

- Cover Sheets** The following are important facts you need to know when creating a Cover sheet.
- An order is a group of one or more RCs.
 - The system looks at the RC states to determine the Order state.
 - An order name is a character string input by the user.
 - Order names are specified on the Cover Sheet.
 - If you attempt to access a view/table and select the action button, the system will inform you that a Cover Sheet is required first, and automatically take you there.
 - Subsequent views/tables, input after successful entry of a Cover Sheet, have the order name populated automatically by the system.
 - If you select either **MULTIPLE** from the initial view/table screen or **MULT RC** on the results of a query, you are prompted for an order name. Entry of a new order name will cause the automatic creation of the Cover Sheet, although you are not switched to that screen.
 - A subset of the information common to the whole order will be automatically recorded on the Cover Sheet.
 - ALL DMS entries need to be entered in uppercase.



Cover Sheet Action Buttons

Buttons The following action buttons are available during this process:

- **INPUT**
Creates a new Cover Sheet.
- **UPDATE**
Modifies an existing Cover Sheet.
- **QUERY**
Searches for a specific Cover Sheet or all Cover Sheets.
- **RC SUMMARY**
Creates a worklist from a Cover Sheet.
- **CONTINUE**
Returns back to an accessed RC.
- **RENAME**
Renames an existing Cover Sheet.



Creating a Cover Sheet

Cover Sheet Creating a Cover Sheet is the first step performed by you to accomplish a given task. The following steps demonstrate this:

- 1 Select the **COVER SHEET** option from the **ORDER CMDS** Menu.

Result: The data area of the screen will become populated with a blank Cover Sheet, as shown below.

Figure 4-1 Blank Cover Sheet

The screenshot displays a software interface for creating a cover sheet. At the top is a navigation bar with the following tabs: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main content area is titled "INT TRANSMITTAL SHEET {COVER}" and contains a form with the identifier "CHCGILCL05T" and "5E14". The form is organized into two columns of input fields. The left column includes fields for *ORDER, PROJECT, RSV, RSV DATE, TMO DATE, RDY DATE, RID DATE, SCC DUE/PTD DATE, DUE DATE, COMP DATE, CANCEL DATE, COORDINATE WITH, and REMARKS. The right column includes fields for HOSTCLLI, DMOPRO, CREATED BY, PHONE #, HISTORY RDY DATE, HISTORY RID DATE, HISTORY SCC DUE/PTD DATE, HISTORY DUE DATE, HISTORY CANCEL DATE, and CANCELED BY. At the bottom of the form are fields for COMPLETED BY, ORDER STATE, TEST DATE, and TESTED BY. Below the form is a row of six action buttons: INPUT, UPDATE, QUERY, RC SUMMARY, CONTINUE, and RENAME.

The Cover Sheet displays several action buttons. For more information, see the section, [Cover Sheet Action Buttons](#).

- 2 Select the **INPUT** action button.

Result: The text cursor will be located at the ORDER field.

-
- 3 Enter a valid order name and press **[ENTER]**.

Important! When creating an order name, do NOT use spaces or special characters between characters. Use under bars (_) or periods to break up words.

Result: The following fields will be automatically populated:

- The **HOSTCLI** field will be populated with the current switch CLI you are working on.
- The **CREATED BY** field will be populated with your login id (UUID).
- The **PHONE #** field will be populated with your UUID telephone number.
- * signifies required key fields.

-
- 4 If you are interested in creating a reservation, enter a **Y** in the **RSV** field, and the current date is put in the RSV DATE field. If no date is entered in the TMO_DATE field, then 8950 VAM will automatically populate it with 60 days past the current date.

-
- 5 If you are creating a DMS DMOPRO order, then enter a **Y** in the DMOPRO field.

-
- 6 After entering the appropriate data, select the **ACCEPT** action button.

Result: The ORDER field will be populated with the orders current state. For more information, see [Cover Sheet Action Buttons](#). The created Cover Sheet will be in the database and automatically be in the **OPN** state.

You are now in a position to select a 5ESS or DMS Recent Change view/table.

END OF STEPS

Renaming a Cover Sheet

Steps to Rename a Cover Sheet

The following steps demonstrate how to rename an existing Cover Sheet:

- 1 Select the **COVER SHEET** option from the **ORDER CMDS** Menu.

Result: The data area of the screen will become populated with a blank Cover Sheet.

The Cover Sheet displays several action buttons. For more information see the section [Cover Sheet Action Buttons](#).

- 2 Using the mouse pointer, click the **RENAME** action button.

Result: The Rename pop-up window will be displayed as shown below.

Figure 4-2 Rename Pop-Up Window

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
INT																	
CHCGILCL05T																	
5E14																	
*ORDER:																	
PROJECT: _____ Renaming old order name																	
RSV: _____																	
RSV DATE: _____ Enter old order name: █																	
TMO DATE: _____ Enter new order name: _____																	
RDY DATE: _____																	
RID DATE: _____																	
SCC DUE/PTD DATE: Select ACCEPT button to change order name :																	
DUE DATE: Select EXIT button to leave window.																	
COMP DATE: _____																	
CANCEL DATE: _____																	
COORDINATE WITH: _____ CANCELED BY: _____																	
REMARKS: _____																	
COMPLETED BY: _____ TEST DATE: _____																	
ORDER STATE: _____ TESTED BY: _____																	
ACCEPT EXIT																	

Important! Avoid entering special characters in the order names. Special characters conflict with the query tools.

3 Fill in the following prompts:

- Enter old order name (The Cover Sheet you would like to rename.)
- Enter new order name (The new Cover Sheet name.) The user interface will not accept special characters. Use under bars (_) or periods to break up words.

4 Select the **ACCEPT** action button.

Result: The Cover Sheet is renamed.

END OF STEPS

Updating an Existing Cover Sheet

Steps to Update Cover Sheet

When updating an existing Cover Sheet, perform the following:

- 1 Select the **COVER SHEET** option from the **ORDER CMDS** Menu.

Result: The data area of the screen will become populated with a blank Cover Sheet.

The Cover Sheet displays several action buttons. For more information, see the section, [Cover Sheet Action Buttons](#).

- 2 Select the **UPDATE** action button.

Result: The text cursor will be located at the ORDER field.

- 3 Enter the order name to be updated and press **[ENTER]**.

Result: The system will automatically display that specific Cover Sheet, as shown below.

Figure 4-3 Updating a Cover Sheet

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION			
RLSTI		TRANSMITTAL SHEET {COVER}	
AC0T4J13PCH		5E14	
*ORDER:	JJGDBCOPY	HOSTCLLI:	AC0T4J13PCH
PROJECT:			
RSV:		DMOPRO:	
RSV DATE:		CREATED BY:	INT
TMO DATE:		PHONE #:	5555
RDY DATE:	06-13-02	HISTORY RDY DATE:	
RID DATE:		HISTORY RID DATE:	
SCC DUE/PTD DATE:		HISTORY SCC DUE/PTD DATE:	
DUE DATE:		HISTORY DUE DATE:	
COMP DATE:			
CANCEL DATE:		HISTORY CANCEL DATE:	06-11-02
COORDINATE WITH:		CANCELED BY:	
REMARKS:			
COMPLETED BY:		TEST DATE:	
ORDER STATE:	RDY	TESTED BY:	

Enter a Project name/number (up to 15 characters).			
ACCEPT		EXIT	

- 4** Make any necessary changes.
-
- 5** Select the **ACCEPT** action button.

END OF STEPS

Accessing an RC from the Cover Sheet

Steps to Access an Order

There are many methods to access an order and review the RCs within the order. One method is accessing it through the Cover Sheet. The following section demonstrates how 8950 VAM makes this an easy process:

- 1 Select the **COVER SHEET** option from the **ORDER CMDS** Menu.

Result: The data area of the screen will become populated with a blank Cover Sheet.

The Cover Sheet displays several action buttons. For more information, see the section, [Cover Sheet Action Buttons](#).

- 2 Select the **UPDATE** action button.
-

- 3 After reviewing or updating the Cover Sheet, select the **RC SUMMARY** action button.

Result: The following window is displayed, showing the status of each RC in that order.

Figure 4-4 RC SUMMARY Window

OFFICES
CLASSES
LINKED VIEWS
SUMMARIES
ORDER CMDS
RC CMDS
ADMIN
OPTIONS
INFORMATION

RLS1

RC SUMMARY {ORD}

JL IU5E15PCH
LAST ACCESSED ORDER: STCASE RC: 344 (5.1)
5E15

ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR
STCASE	OPN	5.1	4000--	V	344	03-16-01	NSCTB
STCASE	OPN	5.1	4000--	V	345	03-16-01	NSCTB

0157: 2 found

ACCEPT
NEXT PG
PREV PG
REPORTS
MULT RC
ORD INFO
RC INFO
X COPY
EXIT

- 4 Select the **ACCEPT** action button.

Result: This will display the first RC in the order. At this point, the RC may be reviewed or modified if needed.

- 5 To review the next RC in that order, select the **NEXT RC** option from the **RC CMDS** Menu.

Important! The Order Name display on the RC Summary screen has been extended from 14 to 15 characters to see the entire Order Name. The size of the RCV/TBL column display has been decreased from 10 characters to 9 characters, which affects the display of some DMS table names

If you want to query for one of the DMS tables whose name is greater than 10 characters, you should use the wild card character (*) to search.

.....
E N D O F S T E P S

Querying for a Cover Sheet

Steps to Query Cover Sheet 8950 VAM offers the capability to search for a specific Cover Sheet. The following section demonstrates how to perform a query:

- 1 Select the **COVER SHEET** option from the **ORDER CMDS** Menu.

Result: The data area of the screen will become populated with a blank Cover Sheet.

The Cover Sheet displays several action buttons. For more information see the section [Cover Sheet Action Buttons](#).

- 2 Select the **QUERY** action button.

Result: The text cursor will be located at the ORDER field.

- 3 Perform one of the following:

- If you do know the order name, enter the number in the ORDER field.

Result: The Cover sheet you specified is displayed. **Stop!**

- If you do not know the specific order name for the Cover sheet you want, go to the next step.
-

- 4 Query for the order name, and select the **ACCEPT** action button.

Result: The first sheet, of all Cover sheets found, is displayed, as shown below.

Figure 4-5 Query for a Cover Sheet

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1 TRANSMITTAL SHEET {COVER}								
JLIU5E15PCH LAST ACCESSED ORDER: STCASE RC: 344 (5.1) 5E15								
*ORDER: MIKETEST HOSTCLLI: JLIU5E15PCH								
PROJECT: _____								
RSV: _____								
RSV DATE: _____								
TMO DATE: _____								
RDY DATE: _____								
RID DATE: _____								
SCC DUE/PTD DATE: _____								
DUE DATE: _____								
COMP DATE: _____								
CANCEL DATE: _____								
COORDINATE WITH: _____								
REMARKS: _____								
COMPLETED BY: _____								
ORDER STATE: OPN								
0843: 2 found								
TEST DATE: _____								
TESTED BY: _____								
HISTORY RDY DATE: _____								
HISTORY RID DATE: _____								
HISTORY SCC DUE/PTD DATE: _____								
HISTORY DUE DATE: _____								
HISTORY CANCEL DATE: _____								
CANCELED BY: _____								
ACCEPT NEXT PG PREV PG REPORTS RC SUMMARY EXIT								

- 5 Use the **NEXT PG** and **PREV PG** action buttons to locate the Cover Sheet you want.
- 6 When the desired Cover Sheet is displayed, select the **ACCEPT** action button.

END OF STEPS

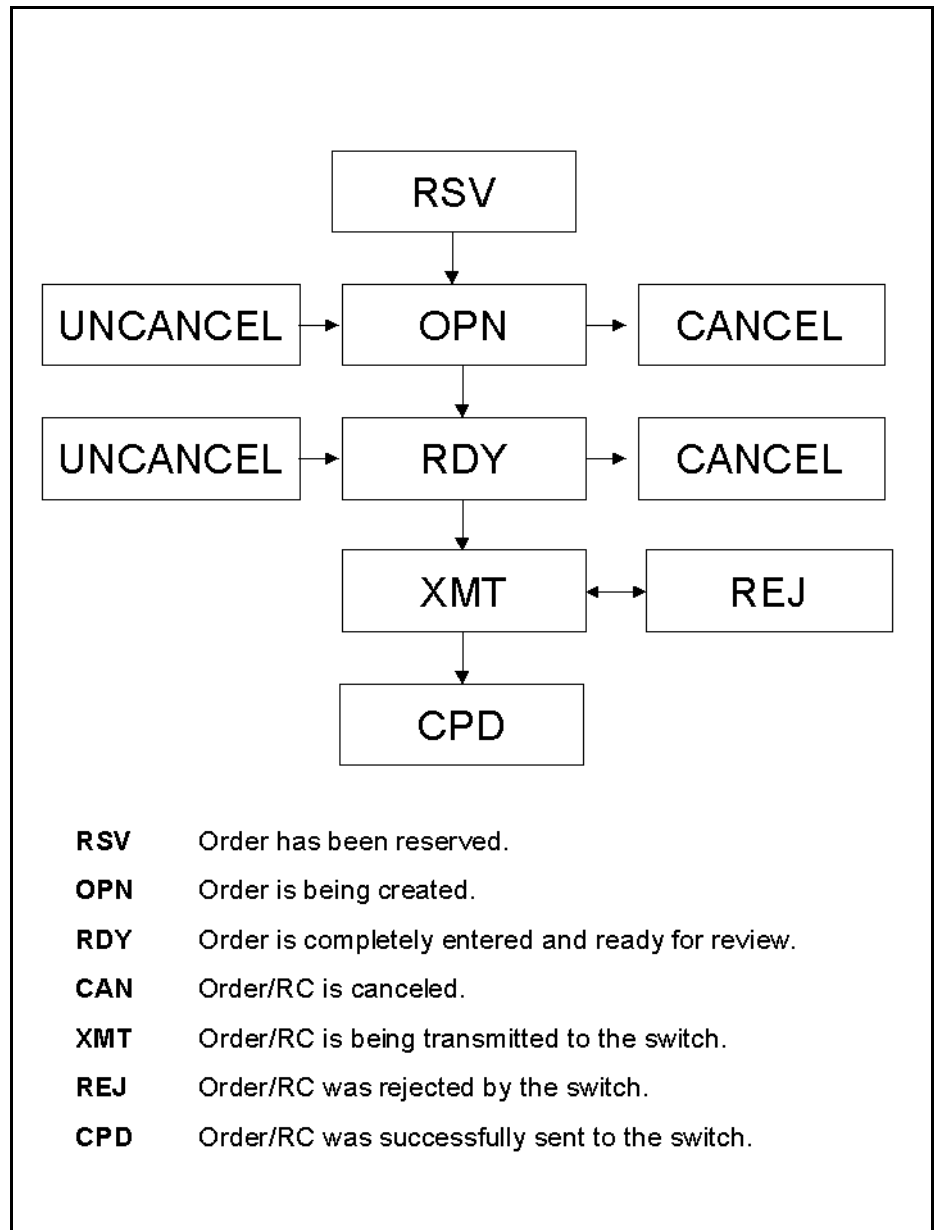
States

- Introduction** In 8950 VAM, both Recent Changes (RCs) and Orders are assigned a pre-defined status or state. They are:
- **OPN**
The RC/Order is still being created.
 - **RDY**
When you have created and reviewed an RC/Order, all of the RCs in that order and the order itself can be changed to the RDY state. At this point the order and RCs will be reviewed and changes made as necessary. The RDY state indicates that the RC/Order is ready to be sent to the switch.
 - **XMT**
The RC is being transmitted to the switch.
 - **CPD**
The RC/Order was successfully entered into the switch.
 - **REJ**
The RC was rejected by the switch.
 - **CAN**
The CAN state indicates that the RC/Order is canceled.
 - **RSV**
The RC/Order is in the reserved state. The RC/Order has not been OPN'ed yet.
- RC States** RC states are: RSV, OPN, RDY, REJ, XMT, CAN and CPD.
- Order States** Order states are: RSV, OPN, RDY, CAN and CPD.



Cover Sheet Action Buttons

Figure 4-6 **Flow of RC States**



Important! Until you associate an RC with an Order Name, it is not an order.

State Definitions The way to read the following state description is from the top-down in order to look for a match. The first match will be the Order state.

All RCs in RSV state	order state is RSV
At least 1 RC in OPN state	order state is OPN
No RCs in OPN state, at least 1 RC in RDY, REJ, XMT state	order state is RDY
No RCs in OPN, RDY, REJ, XMT state and at least 1 RC in CPD state	order state is CPD
All RCs in CAN state	order state is CAN

Example 1

A sample order has 5 RCs as follows: the first RC is in CPD state, second RC is in the REJ state, and the remaining three RCs are in RDY state. This order is in the RDY state.

Example 2

A sample order has 3 RCs as follows: the first RC is in the CPD state, and the second and third RCs are in the CAN state. This order is in the CPD state.

Cancel State Rules A cancel can be performed on either an Order or a Recent Change. RCs in the OPN or RDY states can be canceled (set to RC state of CAN). An error message is generated if other types of RCs are attempted to be canceled (REJ, CPD, CAN, RSV or XMT).

For orders with all RCs in OPN, RDY or a mixture of OPN and RDY states, the order can be canceled (order state is CAN). For orders with RCs in the CAN, CPD or RSV states, the cancel order request generates an error message. For an order with a mixture of RCs in the RDY and REJ states, the RDY RCs go to the CAN state and the REJ RCs go to the CAN state. The order state is RDY.

Uncancel Rules RCs in the CAN state are returned to their previous state before being canceled.

Orders in the CAN state are returned to Ready (RDY) state.

DMOPRO States **Null** state is the state when a DMOPRO order does not yet exist.
RSV/OPN state is the state when a DMOPRO order exists and Recent Changes are being added to it.

RDY state is when the user has finished adding Recent Changes to the DMOPRO order and it is available for formatting. Recent Changes may still be added to the order, but the order needs to be created again before those recent changes are included with the previous recent changes in the RDY state.

FMT state is the state when the Recent Changes in the DMOPRO order are being formatted into the appropriate DMO commands.

SND state is the state when the formatting is complete.

XMT state is the state when the formatted DMO commands are being placed in the store file.

EXE state is the state when the store file is executing on the switch.

PRS state is the state when the results of the DMOPRO command are parsed to determine which Recent Changes have completed successfully. The RC that fails shall be marked as REJ. The unprocessed RCs shall remain as RDY. The shadow database shall be updated for each CPD Recent Change in turn.

REJ state is the state when any of the Recent Changes in the order have failed.

CPD state is the state when at least one of the Recent Changes in the order has been successfully completed and applied to the shadow database and the remainder of recent changes are in the CAN or CPD state.

CAN state is the state when all of the RCs are canceled and none of the RCs have the state of CPD.

□

Changing an Order to the Ready (RDY) State

Steps to Change Order to RDY State

When you have created and reviewed an order, you may then change all the RCs in that order to the **RDY** state. Use the following procedure:

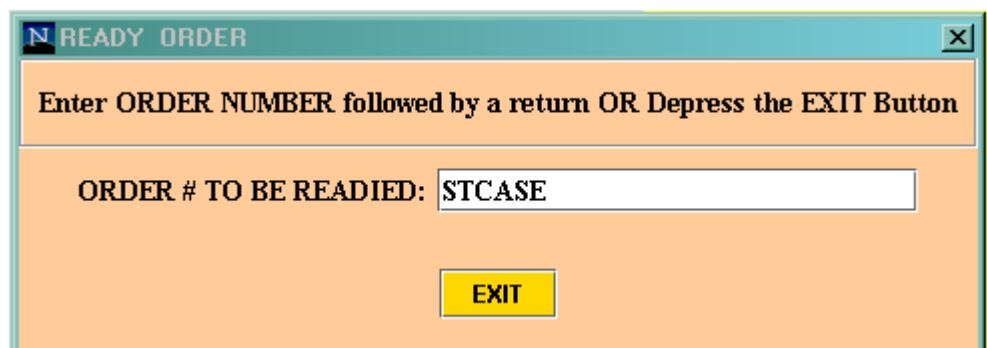
- 1 Review the state of the order by selecting the **ORDER SUMMARY** or **RC SUMMARY** from the **SUMMARIES** Menu.

- 2 Create a Worklist by entering the order you are looking for, and then select the **ACCEPT** action button.

- 3 Select **READY ORDER** from the **ORDER CMDS** Menu.

Result: A dialog window will be displayed populated with the order name of the currently accessed order. An example is shown below:

Figure 4-7 Example: Ready Order



- 4 You can overwrite the order name field if the one last accessed is not the one that is required.

- 5 Using the keyboard press **[ENTER]**.

Important! If you accidentally click on the **EXIT** action button, the system takes you back to the view/table and clears all data that you just entered.

Result: 8950 VAM will confirm the number of RCs in the **OPN** state.

- 6** Select the **YES** action button.

Result: 8950 VAM will automatically update and display the Cover Sheet that corresponds to that order.

- 7** Select the **RC SUMMARY** action button to see that the state of the RCs has changed from the **OPN** state to the **RDY** state.

END OF STEPS

Changing an Order to the Cancel (CAN) State

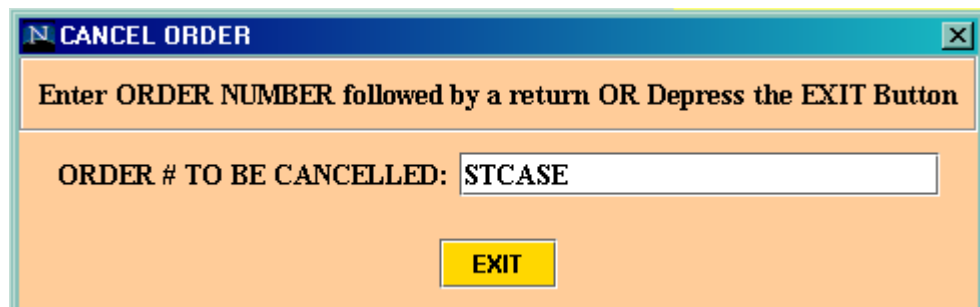
Steps to Change Order to CAN State

If the order is in the OPN or RDY state, you may change the state of the order to the cancel state. Use the following procedure:

- 1 Select the **CANCEL ORDER** option from the **ORDER CMDS** Menu.

Result: A dialog window will be displayed populated with the order name of the last accessed order. An example is shown below:

Figure 4-8 Example: Cancel Order



- 2 You can overwrite the order name field if the one last accessed is not the one that is required.
-

- 3 Using the keyboard press **[ENTER]**.

Result: 8950 VAM will respond by displaying a continue window.

- 4 Select the **YES** action button.
-

- 5 Review the state of the order by selecting the **ORDER SUMMARY** or **RC SUMMARY** from the **SUMMARIES** Menu.



5 Querying Views or Tables

Overview

Purpose This chapter describes how to query the 8950 VAM database for specific types of data that you want to display. You can perform a general query or you can limit your query to only views or tables containing specified data.

Once you have performed a query, you can then generate a report. For information about reports, see Chapter 6.

Objectives This chapter provides information to perform the following:

- Query for views/tables.
- Analyze and use the **GOTO** and **FULL INFO** action buttons.
- Analyze and use the **Unassign Query** buttons.
- Analyze and use the **Pending** and **History** buttons.
- Analyze and use the **Cross Switch Query** buttons.

The following topics are included in this chapter:

Introduction to Queries	5-3
General Database Query	5-4
Query-by-Example (5ESS)	5-8
Query Specified Fields (DMS)	5-13
Unassigned Query	5-22
Pending Query	5-24
Cross Switch Query	5-26
Managing Query Results	5-29



Introduction to Queries

Types of Queries

You can perform the following types of queries:

- ***General Database Query***
Retrieve all records for the selected view or table.
- ***Query-by-Example (5ESS)***
Enter search criteria and retrieve only records containing the specified information.
- ***Query Specified Fields (DMS)***
Enter field names and search criteria to retrieve matching DMS records.
- ***Unassigned Query***
Perform searches for spare facilities or equipment. This query also allows you to perform searches on any key field for the selected view or table.
- ***Pending Query***
Perform searches for pending RCs.
- ***Cross Switch Query***
Search for records for a particular view/table on multiple switches and across different centrals.

Managing Query Results

Once you have performed a query, you can manage the results in the following ways:

- Generate a report. See Chapter 6.
- Display a specific record. See the section, [GOTO Action Button](#).
- View history or pending data for a given view or table. See the section, [HIST Action Button](#).
- For DMS, access the list of existing orders associated with a given table. See the section, [LIST Action Button-DMS Only](#).
- Via the DMS Input Button, use the query result as template data to create a new RC.



General Database Query

Introduction You can use a general database query to search the entire 8950 VAM database for the selected view or table. When a general query is performed, all records for the selected view or table are retrieved from the database.

Procedure To perform a general database query, do the following:

- 1 Move the cursor over the **CLASSES/TABLES** portion of the menu bar, and select the desired class/table.

Result: The cascading pull-down menu appears.

- 2 Select the desired view/table.

Result: The text portion of the screen is populated with the view/table selected, and several action buttons appear on the bottom of the display. An example is shown below.

Figure 5-1 Performing a Query

RLS1

LOCAL DIGIT (OFFICE DIALING) {9.3}

Page 1 of 3

JLIU5E15PCH

LAST ACCESSED ORDER: STCASE RC: 344 (5.1)

5E15

RC MODE: ORDER:

*1. LDIT

*2. INCOMING DIGITS

3. CALL TYPE

5. TYP CI CALL

7. RTI

8. POLYGRD

9. NPA

10. OFFCOD

11. TERM LATA

12. NBR OF DIGITS

13. RDIT

14. CODE INDEX

15. DESEP

16. PREFIX

17. WZ1 REGION

18. SAC OWNER

19. NATURE OF NBR

20. TRIG NBR

21. ESC CODE

22. DFLT RT

23. INH OBL

24. INH ONA

25. ANI BYPASS

26. RMK

INPUT

FIX

QUERY

DEFAULT

MULTIPLE

NEXT PG

PREV PG

- 3 Move the mouse cursor over the *QUERY* action button and select it with the left mouse button.

Result: The text cursor is located at the first key field:

Figure 5-2 General Database Query

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLS1	LOCAL DIGIT (OFFICE DIALING) {9.3}	Page 1 of 3
TLIU5E15PCH LAST ACCESSED ORDER: STCASE RC: 344 (5.1) RC MODE: ORDER:		5E15
*1. LDIT		15. DESEP
*2. INCOMING DIGITS		16. PREFIX
3. CALL TYPE		17. WZ1 REGION
5. TYP CI CALL		18. SAC OWNER
7. RTI		19. NATURE OF NBR
8. POLYGRD		20. TRIG NBR
9. NPA		21. ESC CODE
10. OFFCOD		22. DFLT RT
11. TERM LATA		23. INH OBL
12. NBR OF DIGITS		24. INH ONA
13. RDIT		25. ANI BYPASS
14. CODE INDEX		26. RMK
0724: Query on all fields		

Local digit interpreter table. Enter from 1 to 999.		
ACCEPT EXIT		

- 4 Perform the query by selecting the **ACCEPT** action button. If you are working on a multi-page view/table, select the **TASK DONE** action button from the Multi Page Dialog Box to continue.

Result: The text portion of the screen is populated with the first view/table, along with a message indicating the number of records found. A sample screen is shown below.

END OF STEPS

Figure 5-3 Results of a Query

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1				LOCAL DIGIT (OFFICE DIALING) {9.3}		Page 1 of 3		
JLIU5E15PCH				LAST ACCESSED ORDER: STCASE RC: 344 (5.1)		5E15		
RC MODE:				ORDER:				
*1. LDIT	1	15. DESEP	0					
*2. INCOMING DIGITS	00	16. PREFIX						
3. CALL TYPE	VACANT	17. WZ1 REGION	-					
5. TYP CI CALL	NONCI	18. SAC OWNER						
7. RTI		19. NATURE OF NBR						
8. POLYGRD	N	20. TRIG NBR						
9. NPA		21. ESC CODE	N					
10. OFFCOD		22. DFLT RT	NONE					
11. TERM LATA	0	23. INH OBL	N					
12. NBR OF DIGITS	2	24. INH ONA	N					
13. RDIT		25. ANI BYPASS	N					
14. CODE INDEX	0	26. RMK	VACANT CODE					
Found 10371 records (Record: 1)								
ACCEPT NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT								

Query-by-Example (5ESS)

Introduction You can use a query-by-example by entering search criteria for a given view, thus narrowing the scope of your query. When a query-by-example is performed, only records containing the specified information are retrieved from the database.

Query Operators When you enter search criteria for a query-by-example, you can use the following operators:

Operation	Description	Allowable Data Characters	5ESS Example
=	Equal to	Alphanumeric	=200
>	Greater than	Alphanumeric	>200
<	Less than	Alphanumeric	<100
>=	Greater than or equal to	Alphanumeric	>=288
<=	Less than or equal to	Alphanumeric	<=288
< > !=	Not equal to	Alphanumeric	<>CALLBACK
:	Range	Alphanumeric	234:250
	Alternation (or)	Alphanumeric	340 445 821 788
* or ?	Wildcard	Alpha only	VAC*

Important!

1. When a field is small and you are trying to enter the field value with a query operator, the input scrolls to the bottom of the screen so you are able to see all the characters you are entering.
2. Do not exceed 79 characters within any field that you use for query criteria; otherwise, a pop-up window appears that displays the following message:



WARNING

After zero-fill, query criteria truncated to 79 characters.

3. Remember that the alternation symbol (!) is counted as one character position.
4. When *equals* (=) is used as the value for any type of alphanumeric field, the query returns the records that have the value NULL for that field in the database. When *not equal to* (!=) is used as the value for any type of field, the query returns the records that have a non-null value for that field in the database. Since use of wildcards, * and ?, is not allowed for numeric fields, != is the only way to get records with non-null values for numeric fields.

Procedure To perform a query-by-example, do the following:

- 1 Move the cursor over the **CLASSES** portion of the menu bar, and select the desired class.

Result: The cascading pull-down menu appears.

- 2 Select the desired view.

Result: The text portion of the screen is populated with the view selected, and several action buttons appear on the bottom of the display. An example is shown below.

Figure 5-4 Performing a Query

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1		LOCAL DIGIT (OFFICE DIALING) {9.3}				Page 1 of 3		
JLTU5E15PCH		LAST ACCESSED ORDER: STCASE RC: 344 (5.1)					5E15	
RC MODE:		ORDER:						
*1. LDIT		15. DESEP						
*2. INCOMING DIGITS		16. PREFIX						
3. CALL TYPE		17. WZ1 REGION						
5. TYP CI CALL		18. SAC OWNER						
7. RTI		19. NATURE OF NBR						
8. POLYGRD		20. TRIG NBR						
9. NPA		21. ESC CODE						
10. OFFCOD		22. DFLT RT						
11. TERM LATA		23. INH OBL						
12. NBR OF DIGITS		24. INH ONA						
13. RDIT		25. ANI BYPASS						
14. CODE INDEX		26. RMK						

- 3 Move the mouse cursor over the **QUERY** action button and select it with the left mouse button.

Result: The text cursor is located at the first key field.

- 4 Enter the search criteria.

Result: An example is shown below.

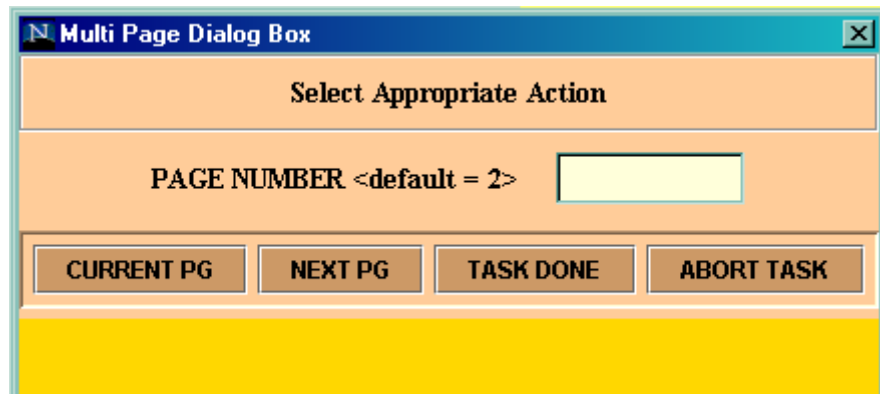
Figure 5-5 Query-by-Example

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLS1	LOCAL DIGIT (OFFICE DIALING) {9.3}	Page 1 of 3
JLIU5E15PCH	LAST ACCESSED ORDER: STCASE RC: 344 (5.1)	5E15
RC MODE:	ORDER:	
*1. LDIT	200	15. DESEP
*2. INCOMING DIGITS	1	16. PREFIX
3. CALL TYPE	<VACAN	17. WZ1 REGION
5. TYP CI CALL		18. SAC OWNER
7. RTI		19. NATURE OF NBR
8. POLYGRD	-	20. TRIG NBR
9. NPA		21. ESC CODE
10. OFFCOD		22. DFLT RT
11. TERM LATA		23. INH OBL
12. NBR OF DIGITS		24. INH ONA
13. RDIT		25. ANI BYPASS
14. CODE INDEX		26. RMK
0724: Query on all fields		
Enter [COM]P, [CON]FL, [INTE]R, INTRA, INTRM, [N]ONCI, [PR]IV, ...[see manual]		
ACCEPT EXIT		

5 Select the **ACCEPT** action button.

Result: If the query is for a single-page view, the text portion of the screen is populated with the first view that matches the search criteria. A message is displayed indicating the number of records and continuations found. If no records matched the search criteria, a message is displayed indicating that no records were found. If the query is for a multi-page view/table, the following dialog box is displayed.

Figure 5-6 Multi Page Dialog Box



-
- 6** For a multi-page view, you can continue entering search criteria by using the following action buttons:
- **CURRENT PG** - remains accessed on the current page
 - **NEXT PG** - lets you enter additional search criteria, displays the next page in the view
 - **ABORT TASK** - exits the view without performing any function
-

- 7** When you are finished entering search criteria in the multi-page view, select the **TASK DONE** action button to perform the query.

Result: The text portion of the screen is populated with the first view matching the search criteria. A message is displayed indicating the number of records and continuations found. If no records matched the search criteria, a message is displayed indicating that no records were found.

END OF STEPS

Query Specified Fields (DMS)

Introduction You can use a query specified field by entering search criteria for a given table, thus narrowing the scope of your query. When a query specified field operation is performed, only records containing the specified information are retrieved from the database.

Query Operators When you enter search criteria when using query specified fields, you can use the following operators:

Operator	Description	Allowable Data Characters	DMS Example
=	Equal to	Alphanumeric	=SAVENET
>	Greater than	Alphanumeric	>200
<	Less than	Alphanumeric	<100
>=	Greater than or equal to	Alphanumeric	>=288
<=	Less than or equal to	Alphanumeric	<=288
!=	Not equal to	Alphanumeric	!=CDAR

The following special operators can be used in the VALUE(S) field when the OPR field contains *equal to* (=):

Special Operator	Description	Allowable Data Characters	DMS Example
:	Range	Alphanumeric	234:250
	Alternation (or)	Alphanumeric	220 301 500 670
* or ?	Wildcard	Alpha only	TM*
=	Null value	None	=
!=	Any value	None	!=

The following special operators can be used in the VALUE(S) field when the OPR field contains *not equal to* (!=):

Special Operator	Description	Allowable Data Characters	DMS Example
* or ?	Wildcard (not)	Alpha only	TM*
=	Null value (not)	None	=
!=	Any value (not)	None	!=

Examples Using Special Operators

The following examples illustrate how to use two of the special operators listed above. Notice that both examples are two different ways to execute the same query.

Example: This example queries for all records where TDP is not equal to a null value (in other words, where TDP has a value):

<i>FIELD:</i>	<i>OPR:</i>	<i>VALUE(S)</i>
<i>TDP</i>	<i>!=</i>	<i>=</i>

Example: This example queries for every record where TDP equals any value:

<i>FIELD:</i>	<i>OPR:</i>	<i>VALUE(S)</i>
<i>TDP</i>	<i>=</i>	<i>!=</i>

Procedure

To perform a query using specified fields, do the following:

- 1 Click the mouse arrow over the **TABLES** portion of the menu bar.

Result: The cascading pull-down menu appears.

- 2 Select the desired table.

Result: The text portion of the screen is populated with the selected table, and several action buttons appear on the bottom of the display. An example is shown below.

Figure 5-7 DMS Table

The screenshot displays a software interface for managing DMS tables. At the top, a dark red navigation bar contains the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main content area has a light orange background. At the top of this area, the text 'INT' is on the left, 'Day of Week Table {DAYOWEEK}' is in the center, and 'NAO14' is on the right. Below this header, there is a large empty rectangular box. At the bottom of the main area, there is a row of five buttons: INPUT, FIX, QUERY, DEFAULT, and MULTIPLE.

3 Select the **QUERY** action button.

Result: A screen appears that allows you to enter query criteria as shown in the following figure. The table on this screen contains three columns with the following headings: FIELD, OPR (Operator), and VALUE(S). Within each entry on this screen, the following is true:

- the FIELD item is a drop-down list that contains the DMS table field names
- the OPR item is a drop-down list that contains query operators
- the VALUE(S) item is a text field

Important! A Field Validation text box appears on the bottom of this screen to provide a help message as you enter values.

Figure 5-8 Specify Query Criteria Screen

OFFICES				TABLES				LINKED TABLES				SUMMARIES				ORDER CMDS				RC CMDS				ADMIN				OPTIONS				INFORMATION			
INT								Day of Week Table {DAYOWEEK}																1 of 1											
VSOSNA14SPK																								NA014											
SPECIFY QUERY CRITERIA:																																			
FIELD:												OPR:								VALUE(S) :															
								▼								▼																			
								▼								▼																			
								▼								▼																			
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								▼								▼																			
								▼								▼																			
								▼								▼																			
FIELD VALIDATION:																																			
ACCEPT																EXIT																			

- 4 Enter the search criteria by selecting DMS field names, selecting query operators, and entering valid text values as shown in the following figure.

Figure 5-9 Query Specified Fields

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION

RLSTI NA014PEACHT	Trigger Item Identifier {TRIGITM}	1 of 1 NA014

SPECIFY QUERY CRITERIA:

FIELD:	▼	OPR:	=	▼	VALUE(S) :
*TDP	▼	=		▼	4
*TINAME	▼	=		▼	919445
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	
	▼			▼	

FIELD VALIDATION: Alphanumeric (up to 8 characters).

ACCEPT
EXIT

5 Select the **ACCEPT** action button.

Result: The following information is displayed as shown in [Figure 5-10](#):

- The text portion of the screen is populated with the first record that matches the search criteria
- A message that indicates the number of records found
- The RC field that contains the DMS record in string format

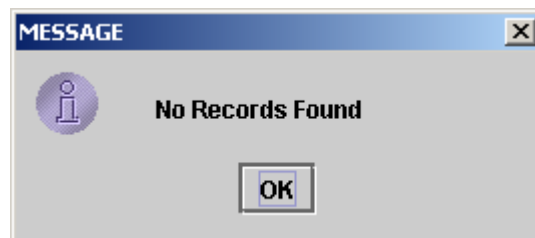
Use the first three buttons at the bottom of the screen to navigate through the records that were found using the query.

Figure 5-10 Query Results

OFFICES		TABLES		LINKED TABLES		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLSTI		Trigger Item Identifier {TRIGITM}												1 of 1			
NA014PEACHT														NA014			
*TDP: 4 *TINAME: 919445 TRIGGER: LNP CRITERIA: DG DIGITS: 919445 CRITERIA: CT CALLTYPE: VBINFO CRITERIA: \$ STATE: LK ACTION: EVENT MSGSET: R01 TRANSPRT: SS7 GTT: AIN01 OPTION: DFLTRT SELECTOR: ANNDN																	
Found 1 record (Record: 1) RC: 4 919445 LNP (DG 919445) (CT VBINFO) (\$) LK EVENT R01 SS7 AIN01 (DFLTRT ANNDN 1 9194451212) (\$) <>																	
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT																	

If no records matched the search criteria, a message appears as shown in Figure 5-11.

Figure 5-11 No Records Message



Three Exception Cases

The following describes three exception cases for the Query Specified Fields (DMS) option:

- Key Field also exists as a non-key field

If the current table has a FIELD name that is both a key and a non-key field, then three entries for that field will be listed in the combo box. The first entry will be followed by the text “(key)” and used to query for all records where the field has that value when it is a key field. The second “(non-key)” will be used for queries when the field is only a non-key data field. Querying for the field identified as (any) will query for all records where the field has that value whether it is a key field or a non-key field. See the example below. The “(non-key)” and “(any)” fields will be displayed directly below the key field, in the order shown below.

Figure 5-12 Key and Non-Key Field

SWTHCLLI123		LAST ACCESSED ORDER: ORDER1	
RC MODE:		ORDER:	
SPECIFY QUERY CRITERIA:			
FIELD:		OPR:	VALUE(S):
*CLLI(key)			
CLLI(non-key)			
CLLI(any)			
*EXTRKNM(key)			
EXTRKNM(non-key)			
EXTRKNM(any)			

- Table H_HNPACODE

If the current table is H_HNPACODE, the fields CD and RR will each have four field names displayed in the combo box, as shown below. "Basert" will be used to query all records where base route has that value. Similarly, "shortrt" and "longrt" will be used for queries of the short route and long route, respectively. "Any" will be used for querying records where that value can be in any of the three routes. Fields will be displayed in the order shown.

Figure 5-13 H_HNPACODE (1)

```

SWTHCLLI123      LAST ACCESSED ORDER: ORDER1
RC MODE:          ORDER:

SPECIFY QUERY CRITERIA:
FIELD:            OPR:  VALUE(S):

```

FIELD:		OPR:	VALUE(S):
	▼	▼	
CD(basert)	▲	▼	
CD(shortrt)	■	▼	
CD(longrt)	■	▼	
CD(any)	■	▼	

Figure 5-14 H_HNPACODE (2)

```

SWTHCLLI123      LAST ACCESSED ORDER: ORDER1
RC MODE:          ORDER:

SPECIFY QUERY CRITERIA:
FIELD:            OPR:  VALUE(S):

```

FIELD:		OPR:	VALUE(S):
	▼	▼	
RR(basert)	▲	▼	
RR(shortrt)	■	▼	
RR(longrt)	■	▼	
RR(any)	■	▼	

- TABLE C_CLSVSCR

If the current table is C_CLSVSCR, the fields SCRNSSEL, POSN, TREAT, OFC_RTE, and RTE_ID will each have four field names displayed in the combo box. Refer to the similar example for H_HNPACODE above. The text is shown in parentheses as "(basert)", "(shortrt)", "(longrt)" and "(any)", in that order.

END OF STEPS

Unassigned Query

Introduction You can use an unassigned query to perform searches for spare facilities or equipment. This query lets you perform searches on any key field for the selected view or table.

Procedure To perform an unassigned query, do the following:

- 1 Move the cursor over the **CLASSES/TABLES** portion of the menu bar, and select the desired class/table.

Result: The cascading pull-down menu appears.

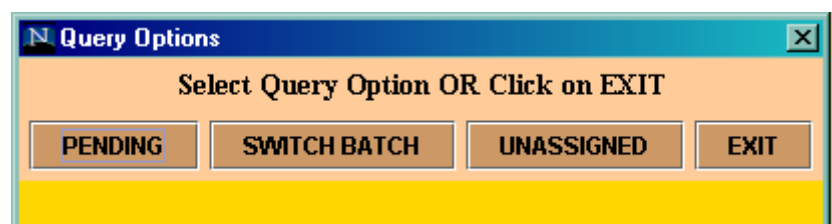
- 2 Select the desired view/table.

Result: The text portion of the screen is populated with the view/table selected, and several action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **QUERY** action button and select it with the *right* mouse button.

Result: The following screen is displayed.

Figure 5-15 Query Function Selection



- 4 Move the mouse cursor over the **UNASSIGNED** action button, and select it with the left mouse button.

Result: For the selected view/table, you can enter any query operators in any key field. See the section [Query Operators](#).

-
- 5 After entering the necessary data, select the **ACCEPT** action button.

Result: The Unassigned Query Listbox is displayed.

- 6 To exit from the Unassigned Query Listbox, select the **EXIT** action button.

END OF STEPS

Pending Query

Introduction You can use a pending query to perform searches for pending RCs. This query also lets you perform searches on any key field for the selected view or table.

Procedure To perform a pending query, do the following:

- 1** Move the cursor over the **CLASSES/TABLES** portion of the menu bar, and select the desired class/table.

Result: The cascading pull-down menu appears.

- 2** Select the desired view/table.

Result: The text portion of the screen is populated with the view/table selected, and several action buttons appear on the bottom of the display.

- 3** Move the mouse cursor over the **QUERY** action button and select it with the *right* mouse button.

Result: The Query Function Selection screen is displayed.

- 4** Move the mouse cursor over the **PENDING** action button, and select it with the left mouse button.

Result: The Order Number dialog box appears.

- 5** Enter an order number and press **[ENTER]**.

Result: For the selected view/table, you can enter any query operators in any field. See the section [Query Operators](#).

-
- 6 After entering the necessary data, select the **ACCEPT** action button.

Result: If there are pending records, then they are displayed;
otherwise, a message appears that there are no pending records.

END OF STEPS

Cross Switch Query

Introduction You can use a cross switch query to perform a general database query or a query-by-example on multiple switches, across different centrals, in a single step. The results of the query can be used to produce a report. You can perform this query on a selected view/table or a selected summary screen.

Procedure To perform a cross switch query for a selected view or table, do the following:

- 1 Move the cursor over the **CLASSES/TABLES** portion of the menu bar, and select the desired class/table.

Result: The cascading pull-down menu appears.

- 2 Select the desired view/table.

Result: The text portion of the screen is populated with the view/table selected, and several action buttons appear on the bottom of the display.

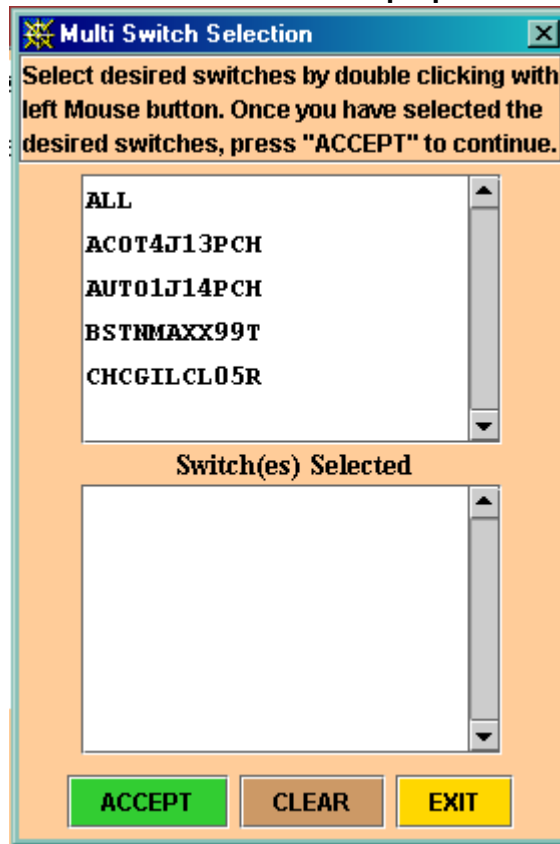
- 3 Move the mouse cursor over the **QUERY** action button and select it with the *right* mouse button.

Result: The Query Function Selection screen is displayed.

- 4 Move the mouse cursor over the **SWITCH BATCH** action button, and select it with the left mouse button.

Result: The following pop-up window is displayed, showing only those switches that are on your customized CLLI list. These switches are the same switch type and generic as the current CLLI.

Figure 5-16 Multi Switch Selection Pop-up Window



-
- 5 With the left mouse button, double-click on the switches needed for the query.

Result: The selected switches are displayed in the bottom half of the pop-up window.

- 6 Once you have selected all the switches needed, press the **ACCEPT** action button.

-
- 7 In the selected view/table, enter your query criteria and select the **ACCEPT** action button.

Result: The text portion of the screen is populated with the first view or table matching the search criteria. A message is displayed indicating the number of records and continuations found. If no records matched the search criteria, a message is displayed indicating that no records were found. In addition to the query results, the first selected switch is shown in the top right-hand corner of the screen.

END OF STEPS

Managing Query Results

Introduction Once you have performed a query, you can use several options to manage the query results. You perform these options by using the action buttons on the bottom of the query display. An example screen is shown below.

Figure 5-17 Results of a Query-Action Buttons

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 HUNDREDS GROUP ASSIGNMENT VIEW {4.14} Page 2 of 3

5E15PCH LAST ACCESSED ORDER: STCASE RC: 344 (5.1) 5E15

RC MODE: ORDER:

* NPA 201 * OFFCOD 438 * HUND GRP 00

CIRCUIT MLHGS CONTROLLED BY 201 438 0

TENS / ONES 0 1 2 3 4 5 6 7 8 9

1 0

Found 5104 records (Record: 1)

ACCEPT NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT

The following options are described in this section:

- [GOTO Action Button](#)
Allows you to directly access a query record.
- [HIST Action Button](#)
Allows you to view history and pending data for a given view or table.
- [LIST Action Button-DMS Only](#)
Allows you to access the list of existing orders associated with a given table.

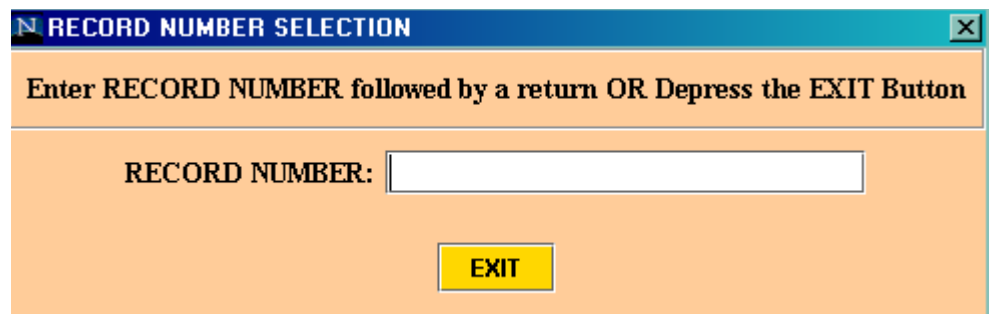
GOTO Action Button Use the **GOTO** action button to directly access a record within a worklist. Do the following:

- 1 Perform a query of the type desired.

- 2 Select the **GOTO** action button.

The following pop-up window is displayed.

Figure 5-18 Record Number Selection Window



Important! When the **GOTO** button is used in the Translations Interface, an error message is displayed for input values less than 1, for input values greater than the maximum number of rows in the query and for non-numeric input values. Valid numeric values in the range between 1 and the maximum number of rows cause the appropriate row to be displayed.

- 3 Enter the record number that you want to display, and press **[ENTER]**.

Result: The record you requested is displayed. You can use this option to go to as many records as you want.

If you input an invalid record number, an error message is displayed. You must select the **EXIT** action button before entering a new record number.

END OF STEPS

HIST Action Button Use the **HIST** action button to view history or pending data for a given record.

Do the following:

- 1 Perform a query of the type desired.

- 2 Select the **HIST** action button.

Result: All records that match the key field query parameters are selected, including completed and verified RCs, and the Current Switch View is displayed, as shown below.

Figure 5-19 History

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI AUTOMATIC NUMBER IDENTIFICATION INDEX TABLE {8.58}								
CURRENT SWITCH VIEW								
AC0T4J13PCH	LAST ACCESSED ORDER: /MOPEN RC: 33191 (8.58)			5E14				
RC MODE:	ORDER:	RC NUMBER:		DATE CPD:				
*1. NPA	000							
*2. NXX	000							
*3. LINE	0000							
*4. LDP CARRIER	10000							
#5. INDEX	0							
Found 3 records: 2 history, 1 pending (Record: 2)								
NEXT PREV REPORTS EXIT								

This screen shows the total number of records found, the number of history records (including the Current Switch View), the number of pending records, and the record number currently accessed.

The query also returns the original record created when the shadow database was loaded, if it is available. You can use the action buttons to display history and pending records.

- 3 To display pending data, select the **NEXT** action button.

Result: A Pending Record is displayed, as shown below.

Figure 5-20 Pending Record

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI AUTOMATIC NUMBER IDENTIFICATION INDEX TABLE {8.58}

ACOT4J13PCH LAST ACCESSED ORDER: /MOPEN RC: 33191 (8.58) PENDING RECORD 5E14

RC MODE: D ORDER: EVHJUNK RC NUMBER: 33191 DATE CPD:

*1. NPA 000

*2. NXX 000

*3. LINE 0000

*4. LDP CARRIER 10000

#5. INDEX 0

Found 3 records: 2 history, 1 pending (Record: 3)

NEXT

PREV

REPORTS

EXIT

- 4 To display history data, select the **PREV** action button.

Result: A History Record is displayed. In this example, the following message is momentarily displayed prior to the display of the base load record:

It is the same as the current switch record.

Figure 5-21 Base Load Record

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1				HUNDREDS GROUP ASSIGNMENT VIEW {4.14}			Page 1 of 3	
JLTU5E15PCH				BASE LOAD RECORD			5E15	
RC MODE:		ORDER:		RC NUMBER:		DATE CPD:		
* 1. NPA		201						
* 2. OFFCOD		438						
* 3. HUND GRP		00						
4. RM TYPE		B						
5. CKT SM		1						
6. PKT SM		188						
7. HRI								
8. PORTED OUT								
WARNING : CHANGING CKT SM WILL CAUSE THE HUNTING SM OF THE 0 CIRCUIT MLHGS ON SCREEN 2 TO BE MOVED. CHANGING PKT SM WILL CAUSE THE HUNTING SM OF THE 0 PACKET MLHGS ON SCREEN 3 TO BE MOVED.								
Found 2 records: 2 history, 0 pending (Record: 1)								
ACCEPT NEXT PREV REPORTS EXIT								

Important! In this example, the base load record is displayed. The Base Load Record, plus more than one CPD record, will create the History Record.

END OF STEPS

LIST Action Button-DMS Only

Use the **LIST** action button to access an unformatted list of all records associated with a given table. From this list, you can select a record containing the data you want to use to create a new order. Do the following:

- 1 Perform a query of the type desired.
- 2 Select the **LIST** action button.

Result: The DMS UNFORMATTED LIST for the currently accessed table is displayed, as shown below.

Figure 5-22 DMS UNFORMATTED LIST Data

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

EVH DMS UNFORMATTED LIST for S_STDPRT

NOVYRJ04PCH NA014

SEQ	DATA FIELDS
1	5555 12 19 EA DD 1 T NA 5555 Y OFRT 900 6 20 Y
2	A222 12 19 EA DD 1 T NA C222 Y OFRT 900 6 20 Y
3	AIN1 05 05 N OA 1 NA
4	AIN1 080110 080110 SSP NP 6 6 NA
5	AIN1 10888 10888 EA DD 5 T NA C888 Y OFRT 700 3 15 N
6	AIN1 12 19 EA DD 1 T NA CNSC Y OFRT 903 3 20 Y
7	C222 011 019 D VACT
8	C222 12 19 EA DD 1 T NA C222 N
9	C222 2 9 EA DD 0 T NA C222 N
10	CALL 777 777 L NP 0 619 352
11	CALL 888 888 R NP 0 NA 777 NONE
12	CAOP 10222 10222 EA OA 5 T NO C222 Y OFRT 910 5 5 N

NEXT PG PREV PG INPUT PRINT SAVE EXIT

Error and Message Status

The following action buttons are available:

- **NEXT PG** - Displays the next page of the list.
- **PREV PG** - Displays the previous page of the list.
- **INPUT** - Displays the selected record.
- **PRINT** - Sends the output to the printer.
- **SAVE** - Sends the output to a file.
- **EXIT** - Cancels the current operation.

- 3 Select the desired row from the list using the arrow keys, and then use the mouse pointer to select the **INPUT** action button.

Result: The selected record is displayed, as shown below.

Figure 5-23 Results of Selecting a Row

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

EVH Directory Number Inventory Table {DNINV} 1 of 1
NOVYRJ04PCH LAST ACCESSED ORDER: EVH NA014

RC MODE:

Enter RC MODE and keys
FIELD VALIDATION:
RC:

ACCEPT EXIT

- 4 Complete the data entry for the record as desired. An example is shown below:

Figure 5-24 Entering Data

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

EVH

Directory Number Inventory Table {DNDIV}

1 of 1

NOVVRJ04PCH

LAST ACCESSED ORDER: EVH

NR014

RC MODE:

*AREACODE:

*OFFCODE:

*STNCODE:

FIELD VALIDATION:

RC:

ACCEPT

EXIT



6 Generating Reports

Overview

Purpose This chapter describes how to create, modify, rename, save, print, and delete reports. To generate a report, you first collect the data you want and then display, print, or format the data into a report. To collect the data, you query the 8950 VAM database for a specific view or table or type of summary. On the report, you can determine what data to display as well as the data format.

For related information, see the following:

- Chapter 5.
- Chapter 9.

Objectives This chapter provides information to perform the following:

- List the Reports action buttons.
- List the different steps used to create or modify a report.
- Create your own report for views/tables and summaries.
- View Reports with the Report Browser.
- Schedule Reports to be sent to the switch.
- Create a Cross Switch Report.
- Set up using cross-references so that the topic table is updated automatically when any book level generation is performed.

The following topics are included in this chapter:

Benefits of Reports	6-3
Creating a Report	6-4
Printing a Report	6-7
Modifying a Report	6-9
Using the OTHER Action Button--5ESS Only	6-12
Saving a Report to a File	6-16
Deleting a Report	6-21
Displaying Data for Cross Switch Reports for Summaries	6-22
Accessing the Report Browser	6-23



Benefits of Reports

- Benefits** The Reports option provides the following benefits.
- Retrieves a hard-copy of the switch data quickly and efficiently.
 - Lets you create a customized report.
 - Lets you view a pre-defined report for each view/table or summary provided.
 - Lets you sort on key and non-key data fields to include in your customized reports.
 - Lets you create cross switch reports.



Creating a Report

Procedure To create a report, use the following procedure:

- 1 Collect the data to be included in the report. Do one of the following:
 - Query for specific views or tables. For detailed instructions, see Chapter 5.
 - Generate a type of summary. For detailed instructions, see Chapter 9.

Result: The text portion of the screen is populated with the requested view/table or summary. A sample view is shown below.

Figure 6-1 Results of a Query

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1		LOCAL DIGIT (OFFICE DIALING) {9.3}				Page 1 of 3		
JLIU5E15PCH		LAST ACCESSED ORDER: CREATE-REPORT					5E15	
RC MODE:		ORDER:						
*1. LDIT	1	15. DESEP	0					
*2. INCOMING DIGITS	00	16. PREFIX						
3. CALL TYPE	VACANT	17. WZ1 REGION	-					
5. TYP CI CALL	NONCI	18. SAC OWNER						
7. RTI		19. NATURE OF NBR						
8. POLYGRD	N	20. TRIG NBR						
9. NPA		21. ESC CODE	N					
10. OFFCOD		22. DFLT RT	NONE					
11. TERM LATA	0	23. INH OBL	N					
12. NBR OF DIGITS	2	24. INH ONA	N					
13. RDIT		25. ANI BYPASS	N					
14. CODE INDEX	0	26. RMK	VACANT CODE					
Found 10371 records (Record: 1)								
ACCEPT NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT								

- 2 Select the **REPORTS** action button.

Result: The selected data is formatted into a report. The data is formatted on a line-by-line basis, with key field data being displayed first. For a Cross Switch report on a view or table, the Switch name is displayed in the first column of the report. A sample report is shown below.

Figure 6-2 Sample Report

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION									
-----9.3_rep_15-----Report Name: 9.3_can_15-----									
JLIU5E15PCH									
ROW	LDIT	INCOMING_DIGITS	CALL_TYPE	TYP_CI_CALL	RTI	POLYGRD	NPA	OFF	COD
1	1	00	VACANT	NONCI		N			
1	1	02	VACANT	NONCI		N			
1	1	04	VACANT	NONCI		N			
1	1	06	VACANT	NONCI		N			
1	1	08	VACANT	NONCI		N			
1	1	091	VACANT	NONCI		N			
1	1	093	VACANT	NONCI		N			
1	1	095	VACANT	NONCI		N			
1	1	097	VACANT	NONCI		N			
1	1	0990	VACANT	NONCI		N			
1	1	0992	VACANT	NONCI		N			
1	1	0994	VACANT	NONCI		N			
1	1	0996	VACANT	NONCI		N			
1	1	0998	VACANT	NONCI		N			
1	1	099910	VACANT	NONCI		N			
Mon, Apr 08 2002 Total 10408 line(s) (10371 record(s)) Page 1 of 694									
NEXT PREV FIRST LAST PRINT MODIFY OTHER SAVE DELETE EXIT									

END OF STEPS

Reports Action Buttons

The action buttons shown above are described as follows:

- **NEXT**
Displays the next page of the report.
- **PREV**
Displays the previous page of the report.
- **FIRST**
Displays the first page of the report.

- **LAST**
Displays the last page of the report.
- **PRINT**
Sends the report to the default printer as specified on the User Administration Screen. If no printer is specified, the report will be sent to your home directory and saved there. For more information, see the section, [Printing a Report](#).
- **MODIFY**
Modifies the currently displayed report. Any changes made to this report do not change any other user's report for this view, table or summary. For more information, see the section, [Modifying a Report](#).
- **OTHER**
Display, copy, rename or delete previously created reports. This option is 5ESS only and is not available for DMS. For more information, see the section, [Using the OTHER Action Button-5ESS Only](#).
- **SAVE**
Saves the created report to a UNIX file. For more information, see the section, [Saving a Report to a File](#).
- **DELETE**
Deletes a report, unless it is a canned report. For more information, see the section, [Deleting a Report](#).
- **X RPT (Not shown above)**
For a report generated from a summary, lets you select and display data for the chosen switch. For more information, see the section, [Displaying Data for Cross Switch Reports for Summaries](#).
- **EXIT**
Closes the report. You are returned to the view/table or summary previously accessed.

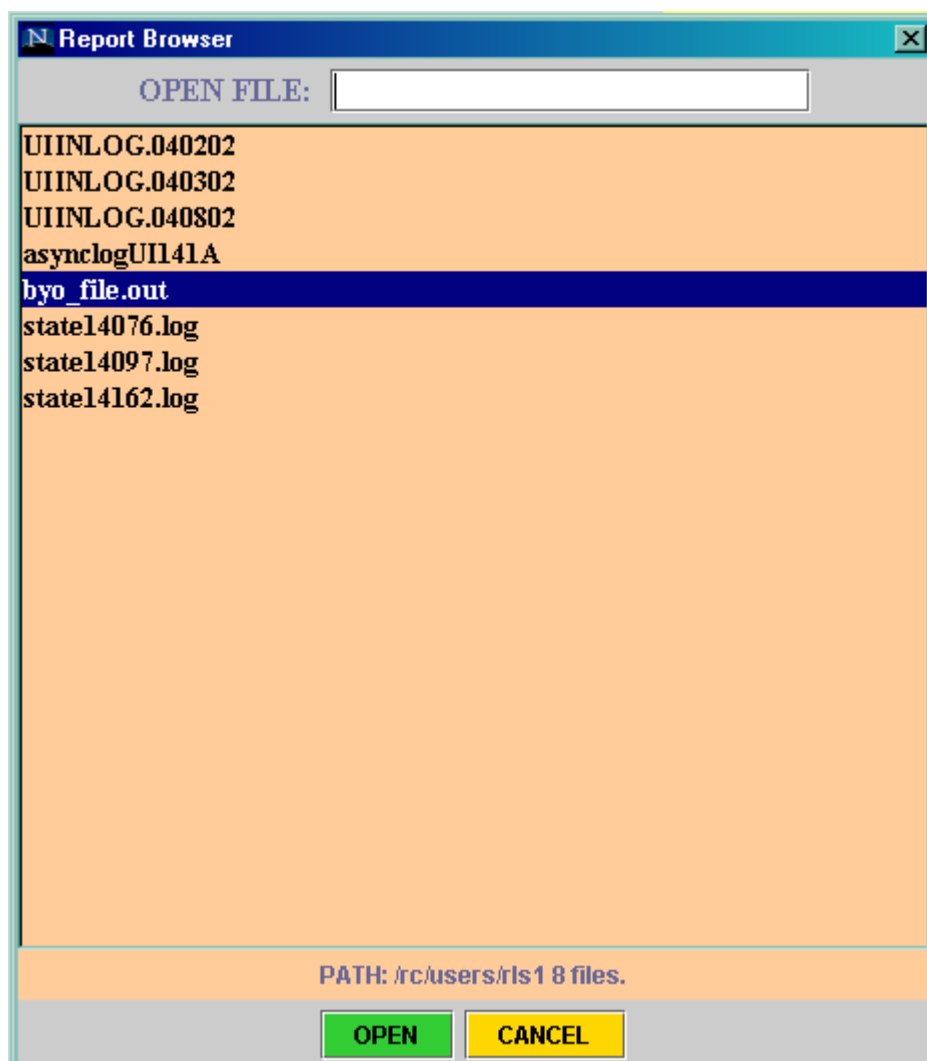


Printing a Report

Print Once you have created a report, you can use the **PRINT** action button to print the report. This option prints the report to the default printer specified in your User Administration Menu set by your System Administrator.

If no printer is specified, then the file defaults to your home directory on the 8950 VAM Central Processor. This file is called *byo_file.out*, as shown in the Report Browser window below. This file is overwritten every time you print a report.

Figure 6-3 Report Browser



Important! All the files that are located in your local directory are displayed in this browser window.

Important! When you try to print a report from your default printer which is not defined on the current central, the following error message is displayed.

lp: destination "<printer name>" non-existent



.....

Introduction Once you have created a report, you can use the **MODIFY** action button to alter the format and contents of the report display. To modify the report, you change the options on the **MODIFY** screen. Any changes made to this report do not change any other user's report for this view, table or summary.

MODIFY Screen When you select the **MODIFY** action button, the following screen is displayed.

Figure 6-4 Modifying a Report

```

OFFICES  CLASSES  LINKED VIEWS  SUMMARIES  ORDER CMDS  RC CMDS  ADMIN  OPTIONS  INFORMATION

---USE ARROW KEYS TO MOVE CURSOR-----PRESS <ESCAPE> WHEN DONE-----
JLIU5E15PCH
ROW      LDIT      INCOMING_DIGITS CALL_TYPE TYP_CI_CALL RTI      POLYGRD NPA OFFCOD
COLUMN                                SORT  ASC/  SELECTED                                NPA OFFCOD
NAME                                     KEY   DESC  COLUMN NAME                                COLUMN
                                     ORDER  WIDTH
-----
[ row      ] [ X ] [ 1 ] [ ] [ ] [ ROW      ] [ ] [ 6 ]
[ ldit     ] [ X ] [ 2 ] [ ] [ ] [ LDIT     ] [ ] [ 6 ]
[ incoming_digits ] [ X ] [ 3 ] [ ] [ ] [ INCOMING_DIGITS ] [ ] [15]
[ call_type ] [ X ] [ 4 ] [ ] [ ] [ CALL_TYPE  ] [ ] [ 9 ]
[ typ_ci_call ] [ X ] [ 5 ] [ ] [ ] [ TYP_CI_CALL ] [ ] [11]
[ rti      ] [ X ] [ 6 ] [ ] [ ] [ RTI      ] [ ] [ 6 ]
[ polygrd  ] [ X ] [ 7 ] [ ] [ ] [ POLYGRD  ] [ ] [ 7 ]
[ npa      ] [ X ] [ 8 ] [ ] [ ] [ NPA      ] [ ] [ 3 ]
[ offcod   ] [ X ] [ 9 ] [ ] [ ] [ OFFCOD   ] [ ] [ 6 ]
[ ani_bypass ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [10]
[ cani_bypass ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [11]
[ ccalltype ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ 9 ]
[ ccdi     ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ 6 ]

CUMULATIVE REPORT LINE LENGTH [ 77]
  
```

This screen displays a list of all the fields (column names) contained on the view, table or summary shown in the report. Each field can become a column heading in the report. From this list, you can select which fields will be displayed in the report and how the column headings will appear. You can also specify the order of the column names, how the fields will be sorted, in ascending or descending order.

While you are editing the screen, the upper left corner of the screen displays the message **WORKING**. While the report is being processed, the screen displays the message **REFORMATTING REPORT**.

MODIFY Screen Options

To modify the report display, you can change the options on the **MODIFY** screen. These options are listed below:

- **COLUMN NAME**
Display all fields for the currently accessed view/ table or summary. This option cannot be modified.
- **SELECT**
Select or deselect the fields to include on your report.
- **ORDER**
Select the order in which the fields are displayed on the report.
- **SORT KEY**
Indicate which field the report will be sorted by; up to 8 sort keys.
- **ASC/DESC**
Indicate whether fields will be displayed in ascending or descending order. For DMS, numeric sorting is only supported for certain tables.
- **SELECTED COLUMN NAME**
Indicate the column name that will appear on the report.
- **COLUMN WIDTH**
Indicate the width of the field display. The total width of all fields cannot exceed 79 characters.

Changing the MODIFY Options

To change the options on the **MODIFY** screen, use the following procedure:

- 1 From the generated report, select the **MODIFY** action button.
Result: The cursor is located at the first **SELECT** field.
- 2 Use the space bar to deselect the first field that appears on the report.
Result: The **ORDER** column changes to reflect the new report field order.

-
- 3** To reformat the report, select the **ACCEPT** action button. If you want to cancel your changes, select the **EXIT** action button.

Result: The reformatted report is displayed. When a new generic is loaded for a switch, all the reports for that view/table are deleted and a new version of the default canned report is made for each user.

Important! Any changes made to this report do not change any other user's report for this view, table or summary.

END OF STEPS

Using the OTHER Action Button-5ESS Only

Introduction Once you have created a report, you can use the **OTHER** action button to perform several operations on previously created reports. This option is available for 5ESS only. When you select the **OTHER** action button, the following screen is displayed.

Figure 6-5 OTHER Screen

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

-----9.3_rep_15----- JLTU5E15PCH

9.3_can_15

SELECT CREATE RENAME DELETE EXIT

OTHER Action Buttons To perform operations on existing reports, you select action buttons on the OTHER screen. The following action buttons are available.

- **SELECT**
Select a previously created report to be displayed.
- **CREATE**
Copy the original unmodified canned report delivered with the system to a new report name. This report can now be modified.
- **RENAME**
Rename an existing report.

- **DELETE**
Delete an existing report.
- **EXIT**
Closes the report and returns you to the previously accessed screen.

SELECT To select an existing report to be displayed, use the following procedure:

-
- 1 From a generated report, select the **OTHER** action button.

Result: The OTHER screen is displayed.

-
- 2 Select the **SELECT** action button.

-
- 3 Using the arrow keys on the keypad, select the report needed and press **[ENTER]**.

.....
E N D O F S T E P S
.....

CREATE To copy an existing report and create a new report, use the following procedure:

-
- 1 From a generated report, select the **OTHER** action button.

Result: The OTHER screen is displayed.

-
- 2 Select the **CREATE** action button.

Result: The following prompt is displayed:

CREATE a new user report

-
- 3** Type the new report name, and press **[ENTER]**.

Result: 8950 VAM copies the original unmodified canned report delivered with the software to create your new report. The new report name is displayed. You can now modify your new report.

END OF STEPS

RENAME To rename an existing report, use the following procedure:

- 1** From a generated report, select the **OTHER** action button.

Result: The OTHER screen is displayed.

- 2** Select the **RENAME** action button.

Result: The following prompt is displayed:

REPORT NAME

- 3** Using the arrow keys on the keypad, select the report to be renamed and press **[ENTER]**.

Result: The following prompt is displayed:

Enter new name for report xxx:

- 4** Enter the new report name, and press **[ENTER]**.

Result: The renamed report is displayed.

END OF STEPS

DELETE To delete an existing report template, use the following procedure:

- 1** From a generated report, select the **OTHER** action button.

Result: The OTHER screen is displayed.

-
- 2 Select the **DELETE** action button.

Result: A DELETE screen is displayed as follows:

Figure 6-6 DELETE Screen

The screenshot shows a terminal window with a dark red header bar containing the following menu items: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main area is white with black text. At the top left, it says "REPORT NAME:" followed by a black rectangular cursor. At the top right, there is a black rectangular box containing the text "JLTU5E15PCH". In the center, the text "USE ARROW KEYS TO MOVE CURSOR; <RETURN> TO SELECT" is displayed. Below this, there is a black rectangular box containing the text "9.3 can 15". At the bottom center, there is a yellow rectangular button with the text "EXIT".

-
- 3 Using the arrow keys on the keypad, select the report template to be deleted and press [ENTER].

Result: The selected report template is deleted.

END OF STEPS

Saving a Report to a File

Saving Once you have created a report, you can then save the report data into a file. The file may reside on the user's PC/Workstation desktop or the 8950 VAM server. The location of the file depends on the status of the Saving Reports Locally feature. If the feature is enabled, then the report is saved to a file on the user's PC/Workstation desktop. If the feature is disabled, then the report is saved to the user's home directory on the 8950 VAM server.

Important note about saved files and reports Even if this feature is enabled, reports are still saved to the user's home directory on the 8950 VAM server for the following:

1. DMS List reports
2. Auto Code Management Summary reports
3. Call Trace reports

Log files and temporary files are always written to the user's home directory on the 8950 VAM server only. However, if this feature is enabled, then the Report Browser feature is disabled and, hence, the reports/files listed above cannot be viewed by the user through 8950 VAM. In addition, when this feature is enabled, if the user has restricted shell access, then these reports cannot be accessed in any way.

Saving to the PC/Workstation desktop If the Saving Reports Locally feature is enabled, then, after the user selects the SAVE button on the Translations Interface Reports Panel, a file manager window appears to allow the user to navigate to a directory in which to save the file. After selecting a location for the file, the report data is downloaded from the 8950 VAM central for desktop storage.

Once the download starts, a timer appears to indicate that the download is in progress. The user may not attempt other Translation Interface activity while the download is in progress.

The user may cancel the operation after it has started by clicking the EXIT button on the Translations Interface Reports Panel. This removes any report data that has already been transmitted to the user's desktop.

Reports may be saved to the PC/Workstation desktop within a cross-central environment.

The number of lines per report page may be configured by the system administrator via the User Administration menu. Please refer to the 8950 VAM System Administration Guide for more information.



WARNING

Do not run two or more concurrent download operations with the same user id.

HTTPS concerns

If the user accesses the 8950 VAM application using HTTPS, then it is recommended that the user install the browser security certificate from the centrals during the first login. This prevents continual prompting for the same whenever the user saves a report.

Saving a report to a file within an HTTPS environment forces the downloaded data to be encrypted.

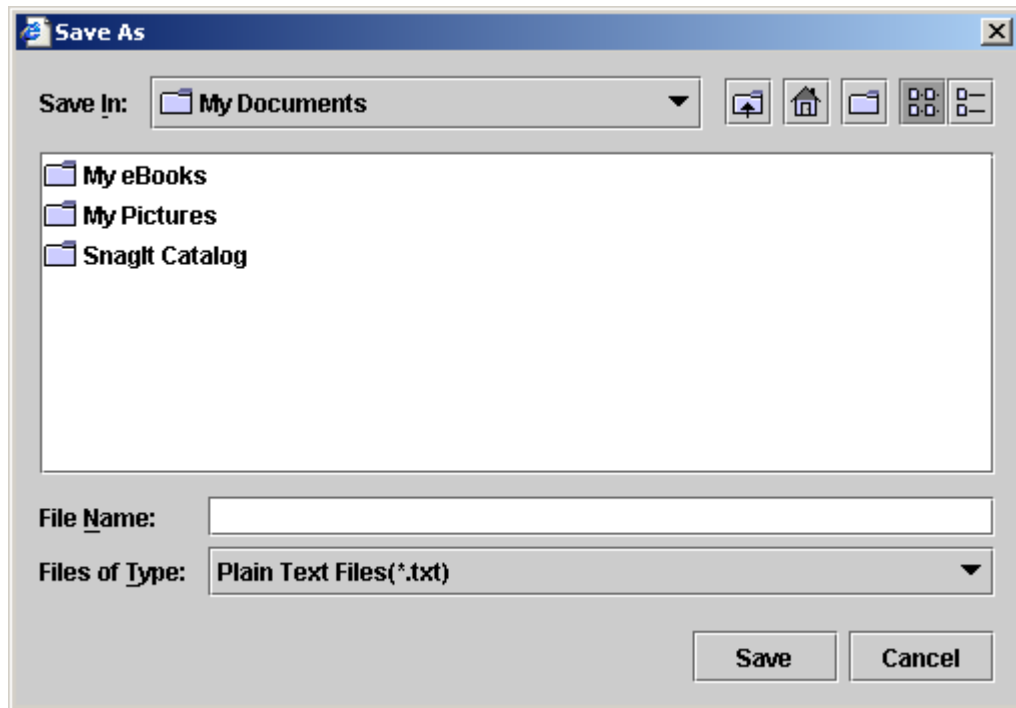
Saving a report to a file on the desktop

Use the following procedure to save a report to the PC/Workstation desktop:

-
- 1** From the generated report, select the **SAVE** action button.

Result: The Save As dialog appears, as shown in the following example:

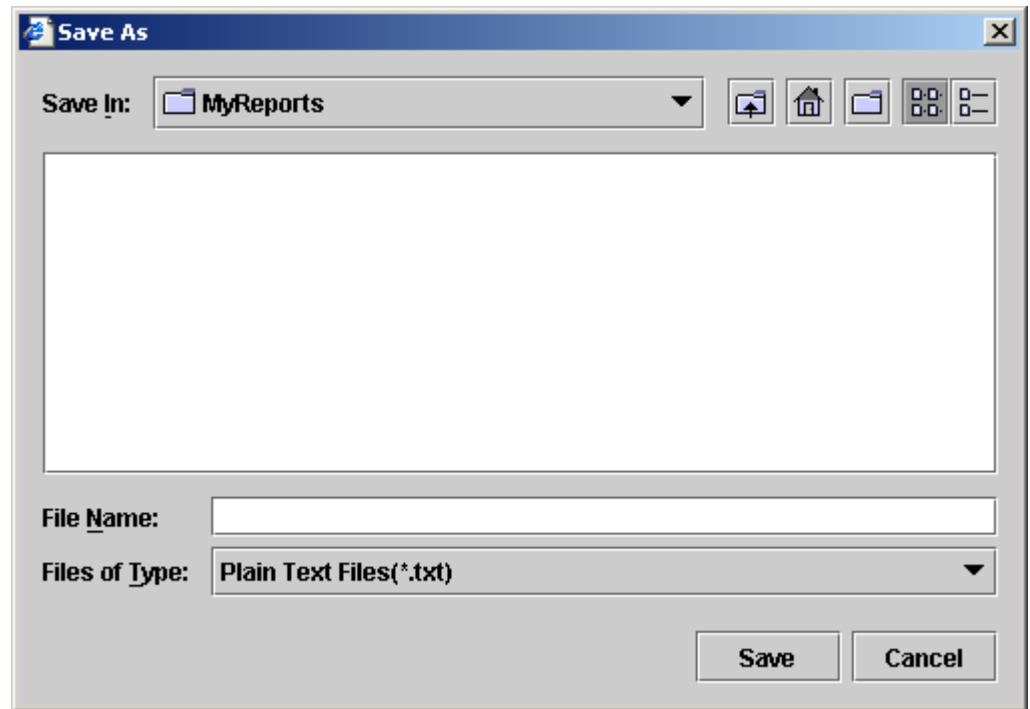
Figure 6-7 Window for Saving a Report to a PC/Workstation File



-
- 2 Navigate to the desired local directory and type a valid filename within the appropriate textbox. The filename can contain up to 20 characters including the file type extension. Allowed characters include any alphanumeric, underscore (_), and period (.).

The following example shows a user-defined filename. Press the Save button to save the report to the file.

Figure 6-8 Example: Save As



Result: The report is saved to a file located within the specified directory.

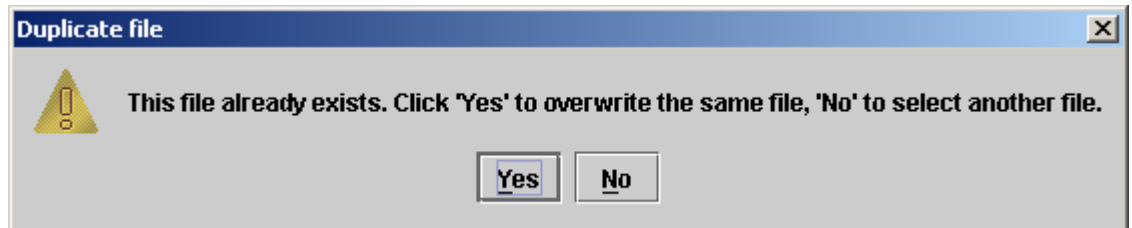


WARNING

Do not quit the application, close the browser, or reload the browser while the save operation is running.

Important! If you save the report to an existing file, the following window appears:

Figure 6-9 Duplicate File Message



If this occurs, select the option that satisfies your needs.

END OF STEPS

Saving a report to a UNIX file

If the Saving Reports Locally feature is disabled, then you can save the report data into a UNIX file within your home directory on the 8950 VAM server. To perform this operation, use the following procedure:

- 1 From the generated report, select the **SAVE** action button.

Result: The Saving a Report pop-up window is displayed.

- 2 Type the name of the file that the report data is to be saved, and press **[ENTER]**.

Result: The report is saved to a UNIX file located in your home directory on the 8950 VAM Central Processor.

If a report already exists with the name that you selected, then you are prompted to **OVERWRITE**, **APPEND** or **EXIT** this operation, as shown below.

Figure 6-10 Overwriting or Appending a Report



END OF STEPS

Deleting a Report

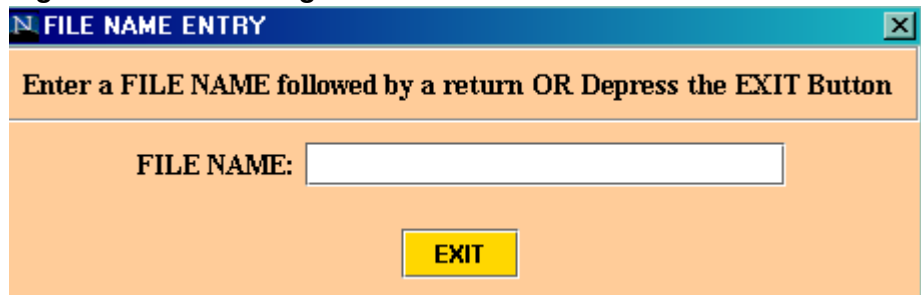
Deleting Once you send a report to a file in the user's home directory on the 8950 VAM server, you can then delete the file by using the **DELETE** action button as described in the following procedure:

Important! The **DELETE** action button cannot be used to delete reports that reside on the PC/Workstation.

- 1 From the generated report, select the **DELETE** action button.

Result: The following pop-up window is displayed.

Figure 6-11 Deleting a File



- 2 Type the name of the file to be deleted, and press **[ENTER]**.

Result: The file is deleted, and a message is displayed in the left corner of the screen.

If the file does not exist, a message is displayed indicating that the file does not exist.

END OF STEPS

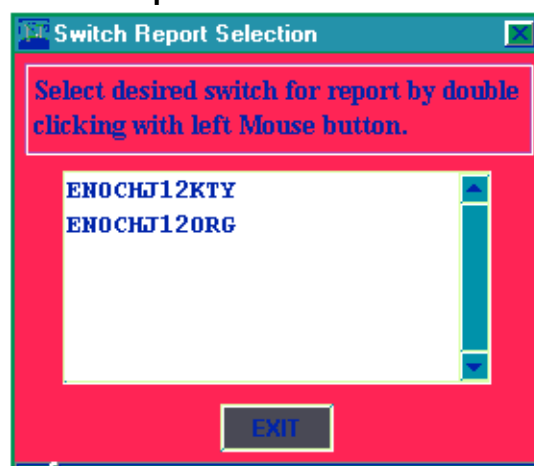
Displaying Data for Cross Switch Reports for Summaries

Display Data Once you have created a Cross-Switch Report from a summary, the screen will display the data for the first selected switch. To display the report data for additional switches, use the following procedure:

- 1 From the generated report, select the **X RPT** action button.

Result: The following pop-up window is displayed.

Figure 6-12 Switch Report Selection Window



- 2 Using the mouse pointer, double-click on the switch you wish to display report information for.

Result: The display is updated with the information for the selected switch.

- 3 Repeat steps 1 and 2 to view the report data for all switches.

END OF STEPS

Accessing the Report Browser

Report Browser You can access the Report Browser to provide a Graphical User Interface (GUI) for viewing report files. The Report Browser only lists report files stored in the user's home directory on the 8950 VAM server.

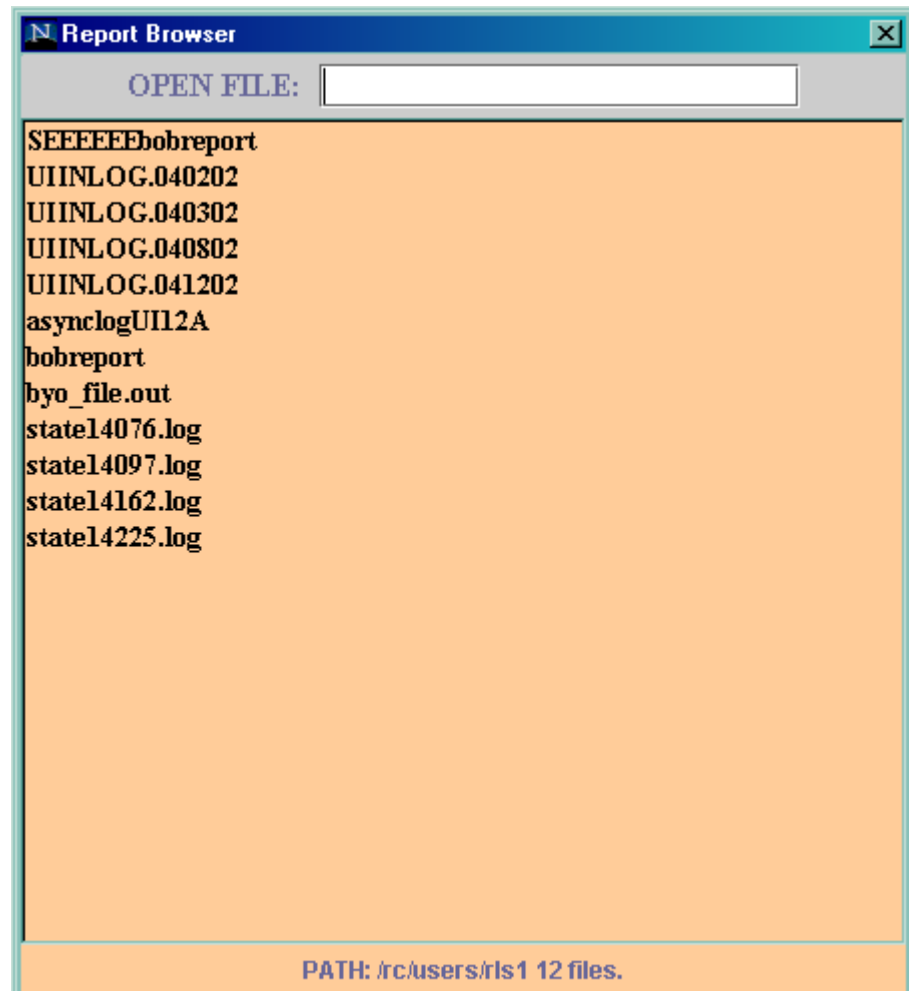
Important! If the Saving Reports Locally feature is enabled, then the users on that server may not access the Report Browser. Use the PC/Workstation desktop's local navigation capabilities to search for reports that have been saved to files on the PC/Workstation.

Using the Report Browser To activate the Report Browser, use the following procedure:

- 1 Move the cursor over the **ADMIN** portion of the menu bar, and select the **REPORT BROWSER** option.

Result: A standard file selection box is displayed, as shown below. The file selection dialog box presents a list of files in your home directory on the current 8950 VAM central. This list of files only includes readable files; no directory names are displayed.

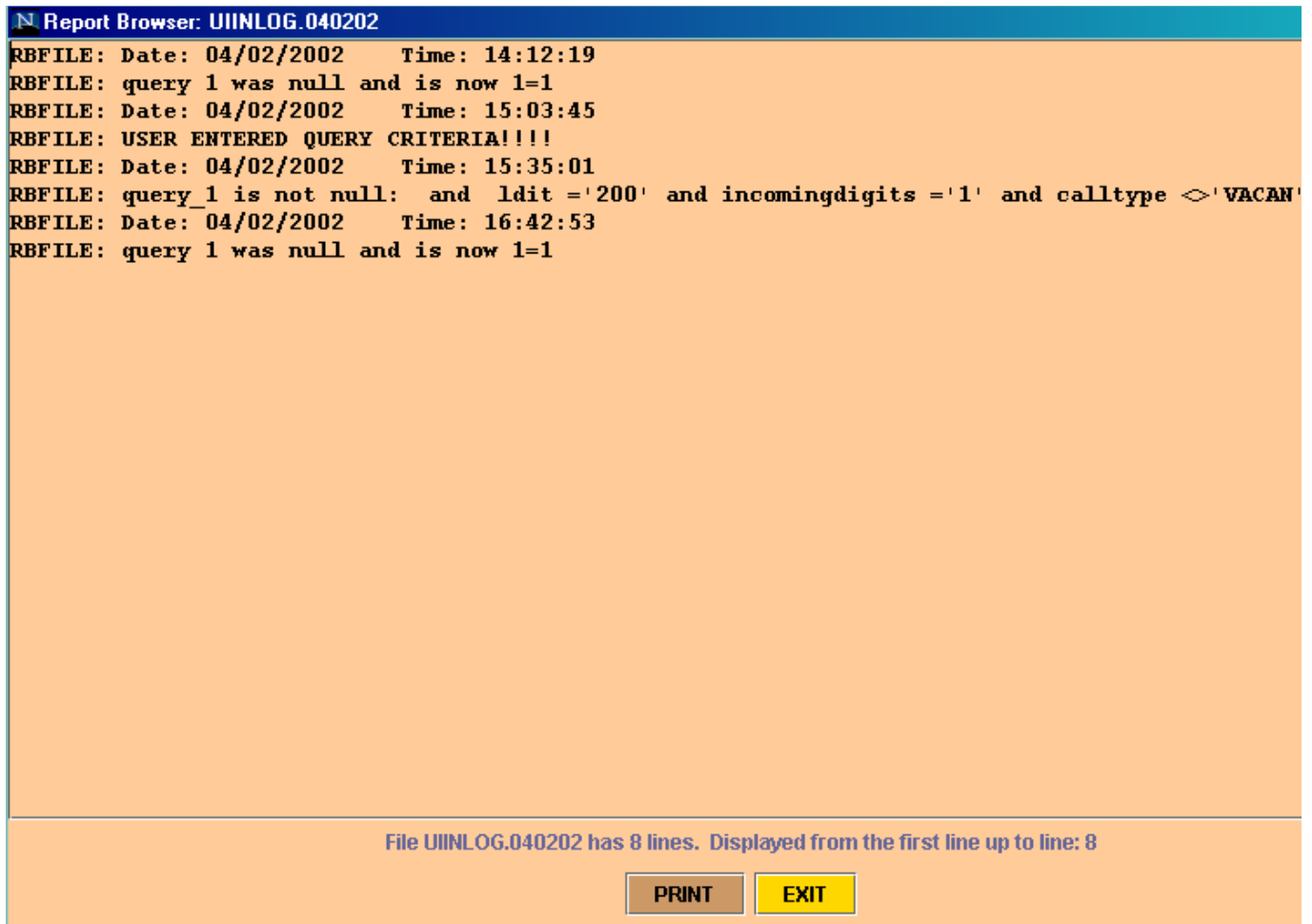
Figure 6-13 Report Browser - Open File



- 2 With the left mouse button, select the file that you want to access and press the **OPEN** button. To exit the dialog box without opening a report, select the **CANCEL** action button.

Result: The contents of the selected file is displayed in the data browser main window. This file is view only. A sample file is shown below.

Figure 6-14 Report Browser Main Window



- 3 If desired, use the vertical and horizontal scroll bars to view the entire contents of the file. You can also resize the window.

Important! Large report files will be segmented in chunks of 2000 lines that will be available through manipulation of four buttons: FIRST, LAST, PREVIOUS, NEXT. The report heading contains a text field providing information about the total # of lines, and the first and last line displayed.

- 4 When you are finished viewing the file, select the **EXIT** action button.

Result: You are returned to the main 8950 VAM application window.

7 Creating RCs

Overview

Purpose This chapter describes how to create new Recent Change (RC) orders. It also explains how orders can be created by expert users. A 8950 VAM order is a single RC or a collection of RCs with a corresponding Cover Sheet. You can create or insert a new RC, Delete, Change or Verify RCs or copy an existing RC order to create a new order. For related information about managing orders, see Chapter 8.

Objectives This chapter provides information to perform the following:

- Describe the three different types of default values used by 8950 VAM.
- Describe specific fields within a View/Table.
 - Key Sets
 - Non-Key Fields
 - Required Fields
 - Optional Key Fields
 - Verify Only Fields
- Use any of the following modes to prepare an RC:
 - ***Insert (I) Mode:*** Creating or inserting a new Record.
 - ***Delete (D) Mode:*** Deleting an existing Record.

- **Change (C) Mode:** Changing a non-key field in an existing Record.
- **Copy (Y) Mode:** Copies existing non-key data to create a new record. This creates a new insert RC.
- **Verify (V) Mode:** Updating or overwriting an incorrect Record in the 8950 VAM database.

The following topics are included in this chapter:

Introduction to Orders and Expert Users	7-3
Default Values Used on Orders	7-5
View/Table Action Buttons	7-6
RC Types	7-8
Understanding the View/Table Screen	7-9
Error Checking on a View (5ESS Only)	7-11
Creating Insert RCs/Order	7-13
Using Copy to Create Insert RCs/Order	7-22
Creating Delete RCs/Order	7-27
Creating a Change RC/Order	7-32
Creating a Verify RC/Order	7-38
Regular defaults for 5ESS	(7-42)
Regular Defaults for DMS	(7-54)



Introduction to Orders and Expert Users

Key Concepts

The key concepts about an order are:

- Within each order there can be one or many RCs. 8950 VAM assigns each RC a specific number to track or send RCs individually, if needed.
- As RCs are created, they are associated with an order name which is used to track progress.
- You can identify any RC by using any combination of order name and RC numbers.
- The order name and RC number are displayed on the terminal.
- A collection of orders or RCs is referred to as a worklist.
- Orders or RCs may be accessed by different individuals.
- RCs within an order can be sent to the switch on an individual basis or the entire order may be sent to the switch.
- When entering a view that has optional key fields, you only have to enter in a keyset that contains at least one numeric field for the order. You do not have to enter all key fields for optional key views.

The key concepts about an expert user are:

- The expert user feature allows you to bypass most of the overhead required while creating an order of RCs.
- Expert users can be categorized into two types:
 - The first type of expert users with **COVER SHEET** permissions.
 - The second type with **IMMEDIATE SEND PLUS COVER SHEET** permissions. Information on granting expert user permission is documented in the System Administrator's Guide.
- If you are an expert user with **COVER SHEET** permissions, you can perform the following tasks while creating a Cover Sheet:
 - a. Enter only minimal Cover Sheet information.
 - b. Choose to use an automatically generated order number.
- If you are a user with **IMMEDIATE SEND PLUS COVER SHEET** permissions, you can perform the following tasks while creating a Cover Sheet:
 - a. Enter only minimal Cover Sheet information.

- b. Choose to use an automatically generated order number.
- c. Select the Expert Send option that moves the order from the OPN to the RDY state and consequently causes the first RC in the order to automatically move to the XMT state. This eliminates the dual procedure of preparing and sending the order.

Important! For detailed information on sending an order to the switch as an Expert User, see [“Sending Orders as an Expert User” \(8-13\)](#) in [Chapter 8, “Managing Orders”](#).



Default Values Used on Orders

Default Values 8950 VAM orders support three different types of default values:

- ***Vendor Defaults***

These values are 5ESS default values, as described in the 5ESS documentation and as it appears on the 5ESS RC/V interface. As you select the **RC INPUT** mode for creating a new record, the view is presented with these default values. These default values may be overridden by the user.

- ***Regular Defaults***

These defaults are based upon company standards. This operation is performed by staff or supervisory users only. Customer defaults override vendor defaults, and only apply to the switch of the same generic as the selected switch. Some of these values are product specific and when the same field appears on more than one view/table, the value populated in the field on the first view/table is passed through to other views/tables. These may be overridden by any user with special permissions.

- ***Intelligent Defaults***

Default values that are based on any fields entered into a view/table. When a value is entered in one field on a view/table, it triggers different values in other fields on the same table/view to be automatically populated. These defaults can contain If/Then statements such as if RIT = 27, then CDI=27. These values may be overridden by the user.

Important! There is a hierarchy with the defaults. All the values can be overwritten by users, but the system default values, and others can be entered by staff (super) users.



View/Table Action Buttons

Buttons Once a given view/table is selected, the following set of action buttons are displayed at the bottom of the screen.

- **INPUT**
Enter data to create a change, delete, copy, insert or verify an RC.
- **FIX**
Modify a rejected or pending RC. You are prompted to optionally view the rejected message, if one exists.
- **QUERY**
Search the 8950 VAM database for user specified information. The query data may be as specific as defining a single view/table record or could be a general query for all records. The query results produce new options for selecting Multiple RCs or Report operations.
- **POS (DMS only)**
The DMS table editor position command used to identify and display a specific record within an implied range of digilator key field values.
- **MULTIPLE**
Selects the tool to generate the batch creation of a set of records. You can generate a set of insert RCs that all have the same non-key fields.
- **NEXT PG (5ESS only)**
Move to the next page in the view/table.
- **PREV PG (5ESS only)**
Move to the previous page in the view/table.

- **ACCEPT, EXIT, ACCEPT/VERIFY**

Once one of the action buttons (INPUT, FIX, QUERY, MULTIPLE) is selected, you are in a mode where you can manipulate the data of the selected view/table. These four buttons are replaced with the **ACCEPT**, **SKIP AHEAD**, and **EXIT** action buttons.

After the **ACCEPT** action button is selected, the following action buttons are displayed in a pop-up window: **CURRENT PG**, **NEXT PG**, **TASK DONE**, **DONE/VERIFY**, and **ABORT TASK**.

If all the keys or required fields have not been filled-in, 8950 VAM does not accept the **ACCEPT** action button. The cursor is automatically placed in the key or required field that needs to have data entered in it. Once all the necessary fields have been filled, you will be able to press the **ACCEPT** action button once again.

CURRENT PG - leaves you on the current page in the view/table.

NEXT PG - moves you to the next page in the view/table.

TASK DONE - accepts the values put in the fields without validating them.

DONE/VERIFY - performs level 2 validations on the values entered.

ABORT TASK - exits the screen without inputting the data.



RC Types

Modes The following modes enable you to define the RC operation using a given view/table. Selecting the **INPUT** action button puts you into the RC MODE field. You can use this field to determine the RC operation to be performed. The RC operation types are:

- ***Insert (I)***

This mode lets you create a new RC. It requires key fields and non-key fields or a valid key set.

- ***Copy (Y)***

This mode lets you use an existing record to create a new Insert record. It requires key fields and non-key fields or a valid key set.

- ***Delete (D)***

This mode creates an RC that deletes an existing record. It requires key fields or a valid keyset.

- ***Change (C)***

This mode overwrites non-key data. It requires key fields and non-key fields or a valid key set.

- ***Verify (V)***

This mode accesses an existing record from the switch and updates the 8950 VAM database automatically. It requires key fields or valid key sets.



Understanding the View/Table Screen

Typical View Screen The following is an example of a view screen that may be accessed to create RCs.

Figure 7-1 Example View

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 LOCAL DIGIT (OFFICE DIALING) {9.3} Page 1 of 3

JLTU5E15PCH LAST ACCESSED ORDER: CH7EXAMPLE 5E15

RC MODE: ORDER:

*1. LDIT 15. DESEP
*2. INCOMING DIGITS 16. PREFIX
3. CALL TYPE 17. WZ1 REGION
5. TYP CI CALL 18. SAC OWNER
7. RTI 19. NATURE OF NBR
8. POLYGRD 20. TRIG NBR
9. NPA 21. ESC CODE
10. OFFCOD 22. DFLT RT
11. TERM LATA 23. INH OBL
12. NBR OF DIGITS 24. INH ONA
13. RDIT 25. ANI BYPASS
14. CODE INDEX 26. RMK

0188: Enter RC MODE and keys

Insert, Delete, Change, Verify, copy

ACCEPT EXIT

View/Table Screen Details When a view/table is accessed to create an RC, the following information is displayed.

- Your UUID, CLLI, ORDER ID and switch type are automatically populated.
- The key fields and valid key sets are signified by an asterisk *.
- The required fields are signified by the pound sign #.
- The non-key fields are signified by no marking.
- The optional key fields are signified by the asterisk sign in parenthesis (*).
- A value entry line appears.

- On 5ESS screens only, a **SKIP AHEAD** action button appears. This button lets you skip ahead to another field on the view/table. A pop-up window is displayed and lets you enter the name of the required field. Partial field names may also be entered, and the first subsequent field that matches any portion of the name is selected.
- When entering a view that has optional keysets, you only have to enter in a keyset that contains at least one numeric field for the RC. You do not have to enter all key fields for views with optional keysets.
- All Verify-Only fields are unnumbered. The lack of numbering should serve as a reminder that the values in the verify-only fields are questionable until verified. For more information on Verify-Only fields see, [Appendix B, "Exceptions for fields/views not being shadowed"](#).
- When the user selects a GUINO view, the view will appear. If they select INPUT, the only valid value is Verify. If they perform a Verify, the data is stored in the shadow database. There is no Dump/Load associated with these views.

Entering Data into a Key Field

When entering data into a key field, make sure that the data does not contain any blank spaces. Whether working directly on the 5ESS switch or using the Alcatel-Lucent GUI, fields that are part of the key of a view are NOT allowed to contain one or more blank spaces.

For example: View 9.13 has two key fields:

IDPNAME

INC DIGITS

If the **IDPNAME** field is populated with the text string "VTL MTL", which contains a blank, and the **INC DIGITS** field is populated with the value "*1000", then the Echo-Back VERIFY that is created is produced with the following keys being sent to the switch:

IDPNAME=VTL

INC DIGITS=MTL

The text string "VTL MTL" is separated when a blank space is encountered, and the "*1000" is not put in as the second key. This rejects the VERIFY action, because the INC DIGITS key value (in this example MTL) that is sent from Alcatel-Lucent to the 5ESS switch is not in the correct format for a 5ESS switch.



Error Checking on a View (5ESS Only)

Introduction Level 2 error checking applies a pre-determined set of rules to a set of data fields within a given view. If there is a level 2 check to be performed, the conditions to be executed are located in a sub-section of the field description known as FORM CHECKS. Level 2 checks occur between fields within the same view.

You are able to continue processing, regardless of the warning messages you may receive from the error checking process. This is due to pending RCs that may rectify level 1 and 2 problems.

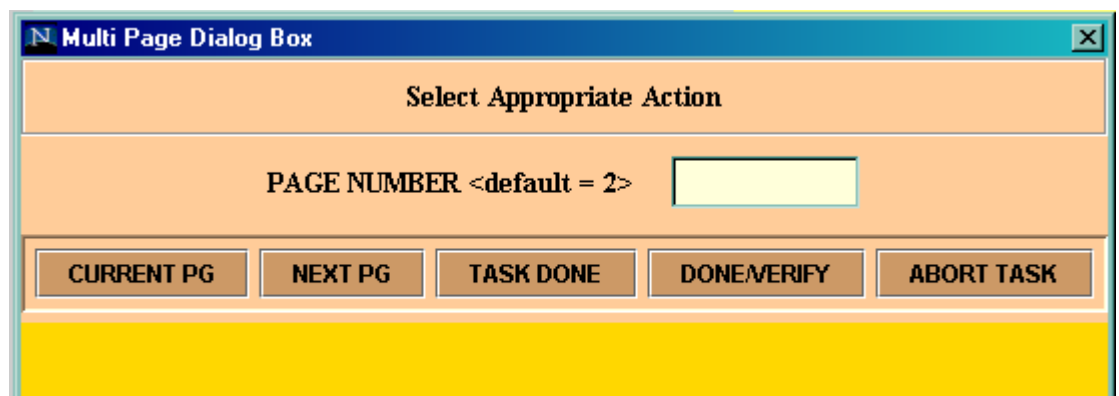
Power tool operations do not perform these validations due to large performance issues.

Performing Error Checking To perform error checking on a view, do the following:

- 1 Create a Cover Sheet.
 - 2 Select a view from the **CLASSES** pull-down menu.
 - 3 Select the **INPUT** action button.
 - 4 Fill in the view and select the **ACCEPT** action button.
-

Result: If this is a multi-page view, the Multi Page Dialog Box is displayed as shown below.

Figure 7-2 Multi-Page Verification Dialog Box



-
- 5 Press the **DONE/VERIFY** action button from the single page view or the Multi-Page Verification Dialog Box.

Result: The level 2 error checking is performed. One of the following occurs:

- If the data entries are correct, then a successful input message is sent.
- If the data entries are incorrect, then a warning message is generated in the level 1 error message area, along with a level 2 error message, as shown below.

Figure 7-3 Level 1 & 2 Warning Message Box

LEVEL 1 & 2 WARNING MESSAGE Switch CLI: JLIU5E15PCH

Total Level 1 errors: 0

Total Level 1 warnings: 0

Total set errors: 0

Total set warnings: 0

Total Level 2 errors: 2

Total Level 2 warnings: 0

Total Level 2 immediate errors: 0

Total Level 2 immediate warnings: 0

Error:
When CALL TYPE is not 'CONFLCT' or 'FAT', then NBR OF DIGITS must
be greater than or equal to the length of INCOMING DIGITS.

Error:
When CALL TYPE is not 'CONFLCT' or 'FAT', then
TYP CI CALL must be entered.

PRINT EXIT

END OF STEPS

Creating Insert RCs/Order

Introduction Once you have accessed a view/table, the insert operation lets you create a new RC to perform a switch insert. If you attempt to create an RC which already exists, 8950 VAM alerts you by displaying an error message.

For complete instructions on creating a new RC using the insert operation, see the following sections:

- [Creating a 5ESS Insert RC/Order](#)
- [Creating a DMS Insert RC/Order](#)

For complete instructions on creating a new RC as an expert user, see the following sections:

- [Creating a 5ESS RC/Expert User Order](#)
- [Creating a DMS RC/Order as an Expert User](#)

Creating a 5ESS Insert RC/Order

To create a 5ESS RC using the INSERT operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.
 - 2 Select the desired View, as follows:
 - a. Move the cursor over the **CLASSES** portion of the menu bar.
 - b. Select the required class.
-

Result: The cascaded pull-down menu appears and lets you choose the view within that class.

- c. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the selected view and several different action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field, as shown below.

Figure 7-4 Creating a 5ESS Insert RC

The screenshot shows a terminal window with a red header bar containing the following menu items: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, INFORMATION. The main content area has a title bar with 'RLS1', 'LOCAL DIGIT (OFFICE DIALING) {9.3}', and 'Page 1 of 3'. Below the title bar, there is a status line 'JLIU5E15PCH LAST ACCESSED ORDER: CH7INSERTRC' and a '5E15' indicator. The 'RC MODE:' field is highlighted with a cursor. Below this, there is a list of 26 fields, each with a number and a name. The fields are arranged in two columns. Below the list, there is a prompt '0188: Enter RC MODE and keys' and a dashed line. At the bottom, there is a prompt 'Insert, Delete, Change, Verify, copY' and two buttons: 'ACCEPT' and 'EXIT'.

Field Number	Field Name
*1.	LDIT
*2.	INCOMING DIGITS
3.	CALL TYPE
5.	TYP CI CALL
7.	RTI
8.	POLYGRD
9.	NPA
10.	OFFCOD
11.	TERM LATA
12.	NBR OF DIGITS
13.	RDIT
14.	CODE INDEX
15.	DESEP
16.	PREFIX
17.	WZ1 REGION
18.	SAC OWNER
19.	NATURE OF NBR
20.	TRIG NBR
21.	ESC CODE
22.	DFLT RT
23.	INH OBL
24.	INH ONA
25.	ANI BYPASS
26.	RMK

- 4 Enter **I** (INSERT) in the RC MODE field.

Result: Any default values will be displayed and data can now be entered into the view.

- 5 Enter the appropriate data into the view, see the example below.

Figure 7-5 Entering Data for a 5ESS Insert RC

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLS1	LOCAL DIGIT (OFFICE DIALING) {9.3}	Page 1 of 3
JLIU5E15PCH LAST ACCESSED ORDER: CH7INSERTRC		5E15
RC MODE: I ORDER: CH7INSERTRC		
*1. LDIT	987	15. DESEP
*2. INCOMING DIGITS	00000	16. PREFIX
3. CALL TYPE	NORMAL	17. WZ1 REGION
5. TYP CI CALL		18. SAC OWNER
7. RTI		19. NATURE OF NBR
8. POLYGRD	N	20. TRIG NBR
9. NPA		21. ESC CODE
10. OFFCOD		22. DFLT RT
11. TERM LATA	00	23. INH OBL
12. NBR OF DIGITS		24. INH ONA
13. RDIT		25. ANI BYPASS
14. CODE INDEX		26. RMK
0137: Enter data		
Call Type. Refer to RC Manual for valid values.		
ACCEPT SKIP AHEAD EXIT		

- When all data has been entered, select the **ACCEPT** action button.

Result: 8950 VAM creates the Insert RC.

END OF STEPS

Creating a 5ESS RC/Expert User Order

If you are a user with **COVER SHEET** or **IMMEDIATE SEND PLUS COVER SHEET** permissions, do the following:

- Select the desired view as follows:
 - Move the cursor over the **CLASSES** portion of the menu bar.
 - Select the required class.

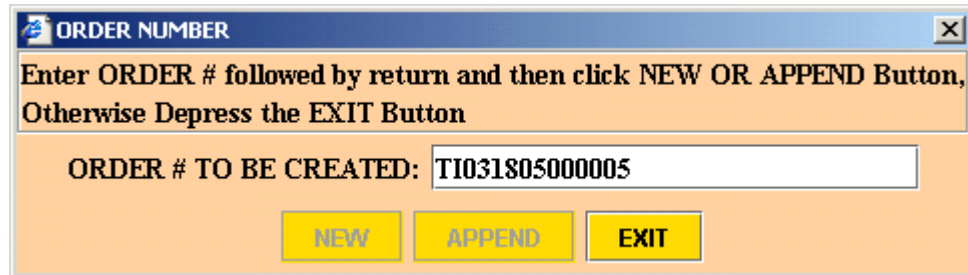
Result: The cascaded pull-down menu appears and lets you choose the view within that class.

 - Select the desired view from the cascaded menu.

- d. Select the **INPUT** action button.

Result: The Order Number dialog box is displayed:

Figure 7-6 Expert User - Order Number Dialog Box



- e. If you would like to retain the automatically generated order ID, press [ENTER].

Result: The **NEW** and **APPEND** buttons are enabled.

- f. Click on the **NEW** button if you are creating a new order.

Important! You can choose not to retain the auto-generated number by specifying an order number of your choice.

- g. You can append the RC to an existing order by specifying an already existing order number and then clicking the **APPEND** button.

Result: 8950 VAM creates the Cover Sheet. The text cursor is located at the RC MODE field.

Important! To create an RC, follow the instructions given in the [“Creating a 5ESS Insert RC/Order” \(7-13\)](#) section.

END OF STEPS

Creating a DMS Insert RC/Order

To create a DMS RC using the INSERT operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.

2 Select the desired table, as follows:

- a. Move the cursor over the **TABLES** portion of the menu bar.
- b. Select the required table.

Result: The cascaded pull-down menu appears which lets you choose the table within that control group.

- c. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the chosen table and several different action buttons appear on the bottom of the display.

3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field, as shown below.

Figure 7-7 Creating a DMS Insert RC

The screenshot displays a web-based interface for creating a DMS Insert RC. At the top, a red navigation bar contains the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main content area has a light orange background. At the top of this area, it shows 'INT' and 'Day of Week Table {DAYOFWEEK}' on the left, and '1 of 1' on the right. Below this, it displays 'DMSNA014LH1 LAST ACCESSED ORDER: 01' on the left and 'NA014' on the right. The central part of the screen features a large white box with the label 'RC MODE:' followed by a dropdown menu. Below this box, there is a section titled 'Enter RC MODE and keys' with a 'FIELD VALIDATION:' label and a text input field containing the text 'Insert, Delete, Change, Verify, copy'. At the bottom of this section are two buttons: a green 'ACCEPT' button and a yellow 'EXIT' button. The bottom of the screen has a status bar with the title 'Error and Message Status' and a message: '<10/17/01 13:27:20> Asynchronous Message Handler Initialized: UI25A'.

-
- 4 Enter **I** (INSERT) in the RC MODE field.

Result: Data can now be entered in tables. Default values are displayed.

- 5 Enter the appropriate data into the table.

Important! While the arrow and tab keys are used to traverse between fields on the GUI, the enter key must be used to apply the data entry. Although there is no scroll bar, there is a method to scroll the text which is found in the field validation window:

- If the text exceeds the amount of data which can fit in the window, it scrolls automatically to the end of the data. To see the beginning of the screen, click the mouse in the upper left hand corner of the text box. The beginning of the string is displayed.
- To scroll through the whole help message, click the mouse at the lower right hand corner of the text box. Additional data is displayed with each mouse click.

Important! 8950 VAM does not support either single quote (') or double quote (") in any data field.

- 6 When all data has been entered, select the **ACCEPT** action button.

Result: 8950 VAM creates the insert RC.

END OF STEPS

Creating a DMS RC/Order as an Expert User

If you are a user with **COVER SHEET** or **IMMEDIATE SEND PLUS COVER SHEET** permissions, do the following:

- 1 Select the desired table as follows:
- a. Move the cursor over the **TABLES** portion of the menu bar.
 - b. Select the table of interest.

Result: The cascaded pull-down menu appears and lets you choose the required tables within that control group.

- c. Select the desired table from the cascaded menu.
- d. Select the **INPUT** action button.

Result: The Order Number dialog box is displayed.

Important! For the rest of the procedure, see section, [“Creating a 5ESS RC/Expert User Order” \(7-15\)](#).

Creating a DMS Insert RC/Order with Remarks

A user can add a comment to any recent change created in the 8950 VAM Translations Interface. The comment is added in a field named REMARKS and is stored in the shadow database. The comment is not sent to the switch. It is displayed on the user interface when the record associated with the recent change is accessed. If no comment exists for a record, an empty REMARKS field is displayed. Users can add comments to existing shadow database records either individually by creating change mode RCs or in a batch by using the Remarks power tool.

Important! Do not use the double quote character (") within the REMARKS field.

Use the following procedure to create a DMS Insert RC with a comment:

-
- 2** Create a DMS Insert RC as indicated above (steps 1-4).
-
- 3** Enter appropriate data into the table. The **REMARKS** field is displayed as shown in the following figure:

Figure 7-8 Inserting an RC with REMARKS

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
INT Day of Week Table {DAYOWEEK}		1 of 1
NA014PEACHT LAST ACCESSED ORDER: REMARKSTEST2		NA014
RC MODE:	I	ORDER: REMARKSTEST2
*TODNAME:	MYTOD	
*WEEKDAY:	MON ▼	
DAYTYPE:	HOLIDAY	
REMARKS:		
FIELD VALIDATION:	Optional Remarks. Enter a comment from 1 to 38 characters or carriage return.	
RC:	MYTOD MON HOLIDAY	
ACCEPT EXIT		

Important! A helpline appears within the **FIELD VALIDATION** textbox.

- 4 Enter data into the **REMARKS** field.

Result: The data appears on the RC line encased within angle brackets (<>). The following figure shows an example.

OFFICES			TABLES			LINKED TABLES			SUMMARIES			ORDER CMDS			RC CMDS			ADMIN			OPTIONS			INFORMATION											
INT												Day of Week Table {DAYOWEEK}												1 of 1											
NA014PEACHT												LAST ACCESSED ORDER: REMARKSTEST2												NA014											
RC MODE: I ORDER: REMARKSTEST2																																			
*TODNAME: MYTOD																																			
*WEEKDAY: MON																																			
DAYTYPE: HOLIDAY																																			
REMARKS: MEMORIAL DAY																																			
FIELD VALIDATION: Optional Remarks. Enter a comment from 1 to 38 characters or carriage return.																																			
RC: MYTOD MON HOLIDAY <MEMORIAL DAY>																																			
ACCEPT												EXIT																							

- Result:** 8950 VAM creates the insert RC with comment.

7

Using Copy to Create Insert RCs/Order

Introduction You can copy data fields in an existing record and then use these fields to create a new Insert RC. To copy data, you first create a template and then select key fields for the new RC being created.

For complete instructions on copying a record to create a new Insert RC, see the following sections:

- [Copying a 5ESS Record to Create an Insert RC/Order](#)
- [Copying a DMS Record to Create an Insert RC/Order](#)

Copying a 5ESS Record to Create an Insert RC/Order

To create a 5ESS RC using the COPY operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.
 - 2 Select the desired View, as follows:
 - a. Move the cursor over the **CLASSES** portion of the menu bar.
 - b. Select the class of interest.
-

Result: The cascaded pull down menu appears which lets you choose the view within that class.

- c. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the selected view. Several different action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button, and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

- 4 Enter **Y** (COPY) in the RC MODE field.

Result: The text cursor is located at the first key field.

- 5 Enter the keyset and value(s) from the base record, and press **[ENTER]**.

Result: 8950 VAM performs a database query and displays the existing record that matches your search criteria, with the text cursor located at the key field set. This record is used as a template for the Copy operation. A sample template is shown below.

Figure 7-10 Selecting a 5ESS Template

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1		TRUNK GROUP {5.1}				Page 1 of 13		
5E15		LAST ACCESSED ORDER: CH7COPY				5E15		
RC MODE: <u>Y</u>		ORDER:						
(*) 1. TGN		<u>0100</u>		13. CARRIER ID		25. BRCS		<u>Y</u>
(*) 2. TRUNK CHAR				14. FEAT GRP		26. FREE ANS		<u>N</u>
(*) 3. FEND CLLI				15. INC TND WNK		27. PRIVACY		<u>N</u>
4. TRK CHAR				16. ATTN		28. INSEP		<u>3</u>
5. FAR CLLI				17. TERA RCY		29. MODULE		<u>0</u>
6. RMK		<u>LP-0110</u>		18. IAPT		30. BICC GRP		<u>0</u>
#7. TRK DIR		<u>TWOWAY</u>		19. CALLMON INH				
#8. HUNT TYPE		<u>2WF</u>		20. INPLS		VERIFY ONLY		
9. SCR		<u>5</u>		21. OUTPLS		GRP SIZ		<u>1</u>
10. GLARE ACTION		<u>NONECTRL</u>		22. FAR END NPA		ACT SIZ		<u>1</u>
11. DAS		<u>85</u>		23. GL ANN TGN		SATELLITE		<u>N</u>
#12. TRK CLASS		<u>LTOLLCON</u>		24. PBX/CPE ID		TERM SFG		<u>N</u>
0188: Enter keys(s) to be altered								
Enter 1 - 4000 for circuit trunk groups, or 7000 - 7999 for BICC groups.								
ACCEPT				EXIT				

- 6 Change any desired data in the template, and then select the **ACCEPT** action button.

Important! Changes made do not affect the base record that was used to create the template.

Result: The new 5ESS Insert RC is created using the data in the template. In the new RC, the RC MODE field is changed from **Y** (COPY) to **I** (INSERT).

END OF STEPS

Copying a DMS Record to Create an Insert RC/Order

To create a DMS RC using the COPY operation, do the following:

1 Create a Cover Sheet, as follows:

- a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.
-

2 Select the desired Table, as follows:

- a. Move the cursor over the **TABLES** portion of the menu bar.
- b. Select the required table.

Result: The cascaded pull-down menu appears and lets you choose the table within that control group.

- c. Select the desired table from the cascaded menu.

Result: The text portion displays the selected table, and several different action buttons appear on the bottom of the display.

3 Move the mouse cursor over the **INPUT** action button, and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

4 Type **Y** (COPY) in the RC MODE field and press the enter key.

Result: The first key field appears.

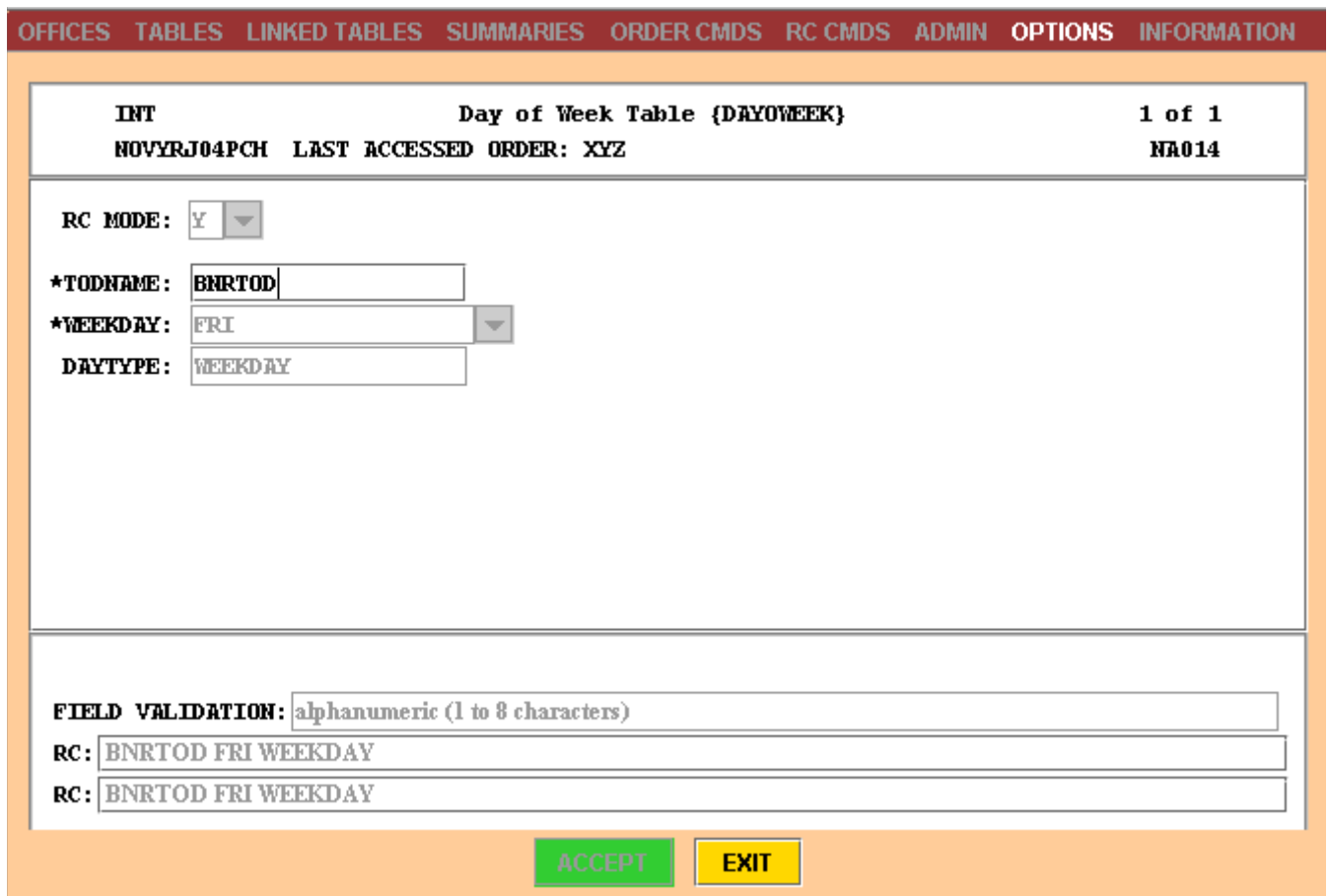
-
- 5 Type a value for the first key field from the record that is being copied and press the enter key.

Result: The next key field appears

- 6 Continue entering values for each key field as above.

Result: After the last key field is entered, 8950 VAM performs a database query and displays the existing record that matches the data you entered. The text cursor is located at the first key field. This record is used as a template for the Copy operation. A sample template is shown in Figure 7-11.

Figure 7-11 Selecting a DMS Template



OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT Day of Week Table {DAYOWEEK} 1 of 1
NOVYRJ04PCH LAST ACCESSED ORDER: XYZ NA014

RC MODE: Y

*TODNAME: BNRTOD

*WEEKDAY: FRI

DAYTYPE: WEEKDAY

FIELD VALIDATION: alphanumeric (1 to 8 characters)

RC: BNRTOD FRI WEEKDAY

RC: BNRTOD FRI WEEKDAY

ACCEPT EXIT

-
- 7 Change any desired data in the template and follow the change by pressing the enter key. The result is shown in Figure 7-12.
-

Figure 7-12 Copy DMS Values

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INTDay of Week Table {DAYOWEEK}1 of 1
NOVYRJ04PCH LAST ACCESSED ORDER: XYZNA014

RC MODE: IORDER: XYZ

*TODNAME: BNRTOD1

*WEEKDAY: SAT

DAYTYPE: WEEKDAY

FIELD VALIDATION: alphanumeric (1 to 8 characters)

RC: BNRTOD1 SAT WEEKDAY

RC: BNRTOD FRI WEEKDAY

ACCEPT

EXIT

Important! Changes made do not affect the original record that was copied to create the template.

- 8 Select the **ACCEPT** action button.

Result: The new DMS Insert RC is created using the data in the template. In the new RC, the RC MODE field is changed from *Y* (COPY) to *I* (INSERT).

END OF STEPS

Creating Delete RCs/Order

Introduction Once you have accessed a view/table, the delete operation lets you create an RC to delete a record in the switch. To ensure that this operation works correctly, you must have the key field information on the existing record. If you attempt to create a delete RC for a non-existent record, 8950 VAM displays an error message.

For complete instructions on creating a new RC using the delete operation, see the following sections:

- [Creating a 5ESS Delete RC/Order](#)
- [Creating a DMS Delete RC/Order](#)

Creating a 5ESS Delete RC/Order

To create a 5ESS RC using the DELETE operation, do the following:

1 Create a Cover Sheet, as follows:

- a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.
-

2 Select the desired View, as follows:

- a. Move the cursor over the **CLASSES** portion of the menu bar.
- b. Select the required class.

Result: The cascaded pull-down menu appears and lets you choose the view within that class.

- c. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the selected view. Several different action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field, as shown below.

Figure 7-13 Creating a 5ESS Delete RC

The screenshot displays a terminal window for creating a 5ESS Delete RC. At the top, a red navigation bar contains the following tabs: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below this, the header area shows 'RLS1' on the left, 'LOCAL DIGIT (OFFICE DIALING) {9.3}' in the center, and 'Page 1 of 3' on the right. The main content area features a black box with white text. On the left, it says 'JLTU5E15PCH' and 'RC MODE:'. To the right of this is 'LAST ACCESSED ORDER: CH7DELETERC' and 'ORDER:'. Further right, a black box contains the white text '5E15'. Below the header, there is a list of 26 fields arranged in two columns. The first column contains fields 1 through 14, and the second column contains fields 15 through 26. Each field is preceded by an asterisk and a number. The fields are: 1. LDIT, 2. INCOMING DIGITS, 3. CALL TYPE, 5. TYP CI CALL, 7. RTI, 8. POLYGRD, 9. NPA, 10. OFFCOD, 11. TERM LATA, 12. NBR OF DIGITS, 13. RDIT, 14. CODE INDEX, 15. DESEP, 16. PREFIX, 17. WZ1 REGION, 18. SAC OWNER, 19. NATURE OF NBR, 20. TRIG NBR, 21. ESC CODE, 22. DFLT RT, 23. INH OBL, 24. INH ONA, 25. ANI BYPASS, and 26. RMK. Below the list of fields, the text '0188: Enter RC MODE and keys' is displayed. At the bottom of the screen, there is a prompt 'Insert, Delete, Change, Verify, copy' and two buttons: 'ACCEPT' (green) and 'EXIT' (yellow).

*1. LDIT	15. DESEP
*2. INCOMING DIGITS	16. PREFIX
3. CALL TYPE	17. WZ1 REGION
5. TYP CI CALL	18. SAC OWNER
7. RTI	19. NATURE OF NBR
8. POLYGRD	20. TRIG NBR
9. NPA	21. ESC CODE
10. OFFCOD	22. DFLT RT
11. TERM LATA	23. INH OBL
12. NBR OF DIGITS	24. INH ONA
13. RDIT	25. ANI BYPASS
14. CODE INDEX	26. RMK

0188: Enter RC MODE and keys

Insert, Delete, Change, Verify, copy

ACCEPT EXIT

- 4 Enter **D** (DELETE) in the RC Mode field.

Result: The text cursor is located at the first key field.

- 5 Enter a valid keyset and value(s) of the record to be deleted, as shown below.

Figure 7-14 Entering Data for a 5ESS Delete RC

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1		LOCAL DIGIT (OFFICE DIALING) {9.3}				Page 1 of 3		
JLIU5E15PCH		LAST ACCESSED ORDER: CH7EXAMPLEA				5E15		
RC MODE: D		ORDER:						
*1. LDIT	099	15. DESEP						
*2. INCOMING DIGITS	90	16. PREFIX						
3. CALL TYPE		17. WZ1 REGION						
5. TYP CI CALL		18. SAC OWNER						
7. RTI		19. NATURE OF NBR						
8. POLYGRD		20. TRIG NBR						
9. NPA		21. ESC CODE						
10. OFFCOD		22. DFLT RT						
11. TERM LATA		23. INH OBL						
12. NBR OF DIGITS		24. INH ONA						
13. RDIT		25. ANI BYPASS						
14. CODE INDEX		26. RMK						

Incoming Digits. Enter up to 15 digits (0-9).								
				ACCEPT		EXIT		

Result: 8950 VAM automatically inserts all non-key fields from the existing record and displays a successful input message and a delete RC is created. The 5ESS Delete Order is accepted.

END OF STEPS

Creating a DMS Delete RC/Order

To create a DMS RC using the DELETE operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.

-
- 2 Select the desired Table, as follows:
 - a. Move the cursor over the **TABLES** portion of the menu bar.
 - b. Select the required table.

Result: The cascaded pull-down menu appears which lets you choose the table within that control group.

- c. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the selected table. Several different action buttons appear at the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

Figure 7-15 Creating a DMS Delete RC

The screenshot displays a software interface with a menu bar at the top containing: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main content area has a header section with 'INT' on the left, 'CCS7 Link Table {C7LINK}' in the center, and '1 of 1' on the right. Below this header, it shows 'DMSNA014LH1' and 'LAST ACCESSED ORDER: 02' on the left, and 'NA014' on the right. The central part of the screen features an 'RC MODE:' label followed by a dropdown menu. At the bottom of the main area, there is a prompt 'Enter RC MODE and keys' and a 'FIELD VALIDATION:' section with a text box containing 'Insert, Delete, Change, Verify, copY'. Below these are two buttons: 'ACCEPT' (green) and 'EXIT' (yellow). A footer section titled 'Error and Message Status' contains a log entry: '<10/17/01 13:37:04> Asynchronous Message Handler Initialized: UI26A'.

-
- 4** Enter **D** (DELETE) in the RC Mode field.

Result: The text cursor is located at the first key field.

- 5** Enter a valid keyset and value(s) of the record to be deleted.

Result: 8950 VAM automatically inserts all non-key fields from the existing record, displays a successful input message, and creates a delete RC.

END OF STEPS

Creating a Change RC/Order

Introduction Once you have accessed a view/table, the change operation lets you create an RC to perform a change to a record in the switch. This mode of operation lets you overwrite non-key fields from an existing record in the switch. You must have key field information on the existing record for the operation to work correctly.

For complete instructions on creating a new RC using the change operation, see the following sections:

- [Creating a 5ESS Change RC/Order](#)
- [Creating a DMS Change RC/Order](#)

Creating a 5ESS Change RC/Order

To create a 5ESS RC using the CHANGE operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.
 - 2 Select the desired View, as follows:
 - a. Move the cursor over the **CLASSES** portion of the menu bar.
 - b. Select the required class of interest.
-

Result: The cascaded pull-down menu appears which lets you choose the view within that class.

- c. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected and several different action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

Figure 7-16 Creating a 5ESS Change RC

The screenshot displays a terminal window for the 5ESS Change RC screen. At the top, a navigation bar includes: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main header shows 'RLS1' on the left, 'LOCAL DIGIT (OFFICE DIALING) {9.3}' in the center, and 'Page 1 of 3' on the right. Below the header, the text 'TLIU5E15PCH' is followed by 'LAST ACCESSED ORDER: CH7CHANGERC' and a box containing '5E15'. The 'RC MODE:' field is highlighted with a cursor. Below this, a list of 26 fields is displayed in two columns: *1. LDIT, *2. INCOMING DIGITS, 3. CALL TYPE, 5. TYP CI CALL, 7. RTI, 8. POLYGRD, 9. NPA, 10. OFFCOD, 11. TERM LATA, 12. NBR OF DIGITS, 13. RDIT, 14. CODE INDEX, 15. DESEP, 16. PREFIX, 17. WZ1 REGION, 18. SAC OWNER, 19. NATURE OF NBR, 20. TRIG NBR, 21. ESC CODE, 22. DFLT RT, 23. INH OBL, 24. INH ONA, 25. ANI BYPASS, and 26. RMK. Below the list, the text '0188: Enter RC MODE and keys' is followed by a dashed line. At the bottom, the text 'Insert, Delete, Change, Verify, copY' is shown above two buttons: 'ACCEPT' and 'EXIT'.

RLS1 LOCAL DIGIT (OFFICE DIALING) {9.3} Page 1 of 3

TLIU5E15PCH LAST ACCESSED ORDER: CH7CHANGERC 5E15

RC MODE: ORDER:

*1. LDIT 15. DESEP
*2. INCOMING DIGITS 16. PREFIX
3. CALL TYPE 17. WZ1 REGION
5. TYP CI CALL 18. SAC OWNER
7. RTI 19. NATURE OF NBR
8. POLYGRD 20. TRIG NBR
9. NPA 21. ESC CODE
10. OFFCOD 22. DFLT RT
11. TERM LATA 23. INH OBL
12. NBR OF DIGITS 24. INH ONA
13. RDIT 25. ANI BYPASS
14. CODE INDEX 26. RMK

0188: Enter RC MODE and keys

Insert, Delete, Change, Verify, copY

ACCEPT EXIT

- 4 Enter **C** (CHANGE) in the RC Mode field.

Result: The text cursor is located at the first key field.

- 5 Enter a valid key set and value(s) of the record to be changed as shown below.

Figure 7-17 Entering Data for a 5ESS Change RC

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1		LOCAL DIGIT (OFFICE DIALING) {9.3}				Page 1 of 3		
JLTU5E15PCH		LAST ACCESSED ORDER: CH7CHANGERC					5E15	
RC MODE: C		ORDER:						
*1. LDIT	099	15. DESEP						
*2. INCOMING DIGITS	90	16. PREFIX						
3. CALL TYPE		17. WZ1 REGION						
5. TYP CI CALL		18. SAC OWNER						
7. RTI		19. NATURE OF NBR						
8. POLYGRD		20. TRIG NBR						
9. NPA		21. ESC CODE						
10. OFFCOD		22. DFLT RT						
11. TERM LATA		23. INH OBL						
12. NBR OF DIGITS		24. INH ONA						
13. RDIT		25. ANI BYPASS						
14. CODE INDEX		26. RMK						

Incoming Digits. Enter up to 15 digits (0-9).								
				ACCEPT		EXIT		

Result: 8950 VAM automatically inserts all non-key fields from the existing record, and the text cursor is located at the first non-key field.

- Using the arrow keys, locate and change the necessary non-key fields. You cannot change any key fields at this time.

Important! 8950 VAM does not support either single quote (') or double quote (") in any data field.

- Once you have made the necessary changes, select the **ACCEPT** action button with the mouse pointer.

Result: A Change RC has been successfully created.

END OF STEPS

Creating a DMS Change RC/Order

To create a DMS RC using the CHANGE operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.

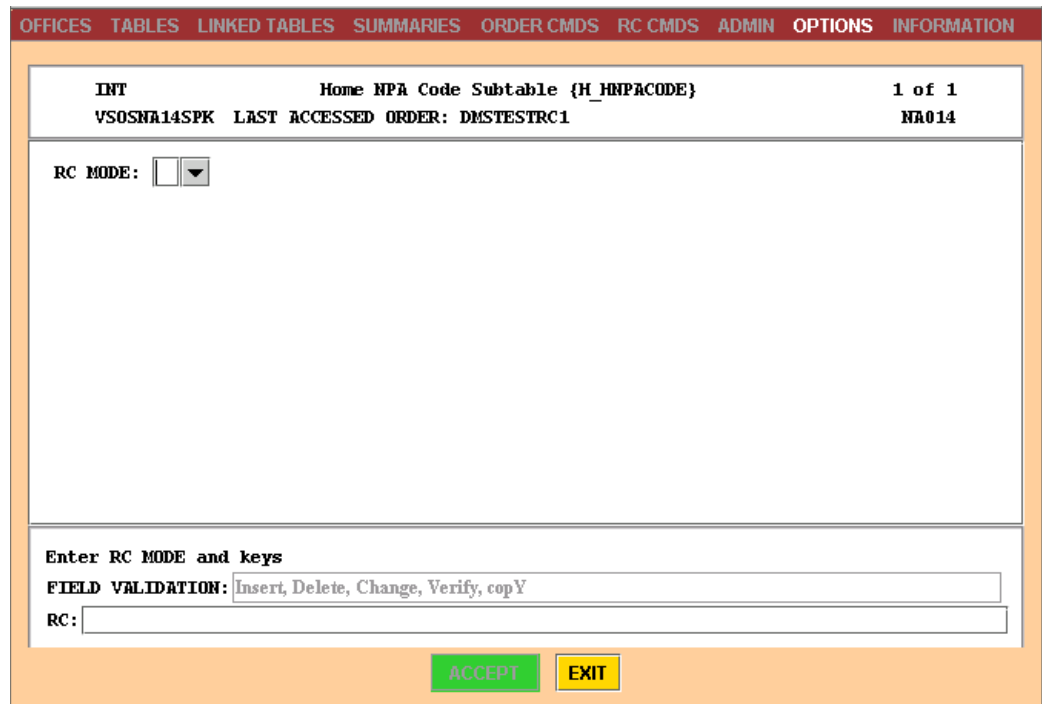
- 2 Select the desired Table, as follows:
 - a. Move the cursor over the **TABLES** portion of the menu bar.
 - b. Select the table of interest.

Result: The user is positioned on the selected table and several different action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

Figure 7-18 Creating a DMS Change RC



OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT Home NPA Code Subtable {H_HNPA CODE} 1 of 1
VS05NA14SPK LAST ACCESSED ORDER: DMSTESTRC1 NA014

RC MODE:

Enter RC MODE and keys

FIELD VALIDATION:

RC:

ACCEPT EXIT

-
- 4 Enter *C* (CHANGE) in the RC Mode field.

Result: The text cursor is located at the first key field.

- 5 Enter a valid key set.

Result: 8950 VAM automatically inserts all non-key fields from the existing record, and the text cursor appears at the first non-key field. It also displays two distinct RC lines in the footer section of the screen. The first line reflects the changes that the user made to the record; the second line displays the original record.

- 6 Use the mouse to select non-key fields and then modify the values as desired. Press the enter key after each field modification; otherwise, a window appears requesting your confirmation of the new data.

Figure 7-19 Entering Data for a DMS Change RC

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT

Home NPA Code Subtable {H_HNPACODE}

1 of 1

VSOSNA14SPK

LAST ACCESSED ORDER: DMSTESTRC1

NR014

RC MODE: C

ORDER: DMSTESTRC1

*STS:

214

*FROMDIGS:

584

TODIGS:

600

CD:

LRTE

RR:

1

FIELD VALIDATION:

0-1023

RC:

214 584 600 LRTE 1

RC:

214 584 584 LRTE 1

ACCEPT

EXIT

- 7 Once you have made the necessary changes, select the **ACCEPT** action button with the mouse pointer.

Result: A Change RC has been successfully created.

END OF STEPS

Creating a Verify RC/Order

Introduction Once you have accessed a view/table, the Verify operation lets you create an RC to verify a record in the switch. This information is compared to the shadow database as the shadow database is automatically updated with any differences. A Verify operation should only be performed when a mismatch of information between the switch and the shadow database has already been confirmed.

For complete instructions on creating a new RC using the Verify operation, see the following sections:

- [Creating a 5ESS Verify RC/Order](#)
- [Creating a DMS Verify RC/Order](#)

Creating a 5ESS Verify RC/Order

To create a 5ESS RC using the Verify operation, do the following:

- 1 Create a Cover Sheet, as follows:
 - a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.

- 2 Select the desired View, as follows:
 - a. Move the cursor over the **CLASSES** portion of the menu bar.
 - b. Select the class of interest.

Result: The cascaded pull down menu appears which lets you choose the view within that class.

- c. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected and several different action buttons appear on the bottom of the display.

- 3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

Figure 7-20 Creating a 5ESS Verify RC

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 TRUNK GROUP {5.1} Page 1 of 13

JLIU5E15PCH LAST ACCESSED ORDER: XYZ RC: 1058 (5.1) 5E15

RC MODE: V ORDER: XYZ

(*) 1. TGN	<u>4000</u>	13. CARRIER ID	_____	25. BRCS	_____
(*) 2. TRUNK CHAR	_____	14. FEAT GRP	_____	26. FREE ANS	_____
(*) 3. FEND CLLI	_____	15. INC TND WNK	_____	27. PRIVACY	_____
4. TRK CHAR	_____	16. ATTN	_____	28. INSEP	_____
5. FAR CLLI	_____	17. TERA RCVY	_____	29. MODULE	_____
6. RMK	_____	18. IAPT	_____	30. BICC GRP	_____
#7. TRK DIR	_____	19. CALLMON INH	_____		
#8. HUNT TYPE	_____	20. INPLS	_____	VERIFY ONLY	
9. SCR	_____	21. OUTPLS	_____	GRP SIZ	_____
10. GLARE ACTION	_____	22. FAR END NPA	_____	ACT SIZ	_____
11. DAS	_____	23. GL ANN TGN	_____	SATELLITE	_____
#12. TRK CLASS	_____	24. PBX/CPE ID	_____	TERM SFG	_____

0025: Successful input

INPUT FIX QUERY DEFAULT MULTIPLE NEXT PG PREV PG

- 4 Enter **V** (Verify) in the RC Mode field.

Result: The text cursor is located at the first key field.

- 5 Enter a valid key set.

Result: 8950 VAM automatically displays a successful input message, and a 5ESS Verify RC is created.

END OF STEPS

Creating a DMS Verify RC/Order

To create a DMS RC using the Verify operation, do the following:

1 Create a Cover Sheet, as follows:

- a. Move the mouse pointer over the **ORDER CMDS** Menu.
 - b. Select the **COVER SHEET** option.
 - c. Select the **INPUT** action button.
 - d. Enter necessary information.
 - e. Select the **ACCEPT** action button.
-

2 Select the desired Table, as follows:

- a. Move the cursor over the **TABLES** portion of the menu bar.
- b. Select the table of interest.

Result: The cascaded pull down menu appears which lets you choose the table within that control group.

- c. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the table selected and several different action buttons appear on the bottom of the display.

3 Move the mouse cursor over the **INPUT** action button and select it with the left mouse button.

Result: The text cursor is located at the RC MODE field.

Figure 7-21 Creating a DMS Verify RC

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT CCS7 Local Subsystem Table {C7LOCSSN} 1 of 1 DMSNA014LH1 LAST ACCESSED ORDER: 05 NA014								
RC MODE: ▼								
Enter RC MODE and keys FIELD VALIDATION: Insert, Delete, Change, Verify, copy								
ACCEPT EXIT								
Error and Message Status <10/17/01 13:50:00> Asynchronous Message Handler Initialized: UI31A								

- 4 Enter V (Verify) in the RC Mode field.

Result: The text cursor is located at the first key field.

- 5 Enter a valid key set.

Result: If the record exists in the shadow database, 8950 VAM populates the non-key field data to the screen. In all cases, a DMS Verify RC is created and 8950 VAM automatically displays a successful input message.

END OF STEPS

Regular defaults for 5ESS

Purpose This section provides details about creating, updating, and deleting the regular default values for 5ESS.

Creating the Regular Defaults The regular defaults can be created through the GUI (Graphical User Interface).

Creating 5ESS Regular default using GUI

Purpose This section provides details about creating 5ESS regular defaults using the GUI (Graphical User Interface).

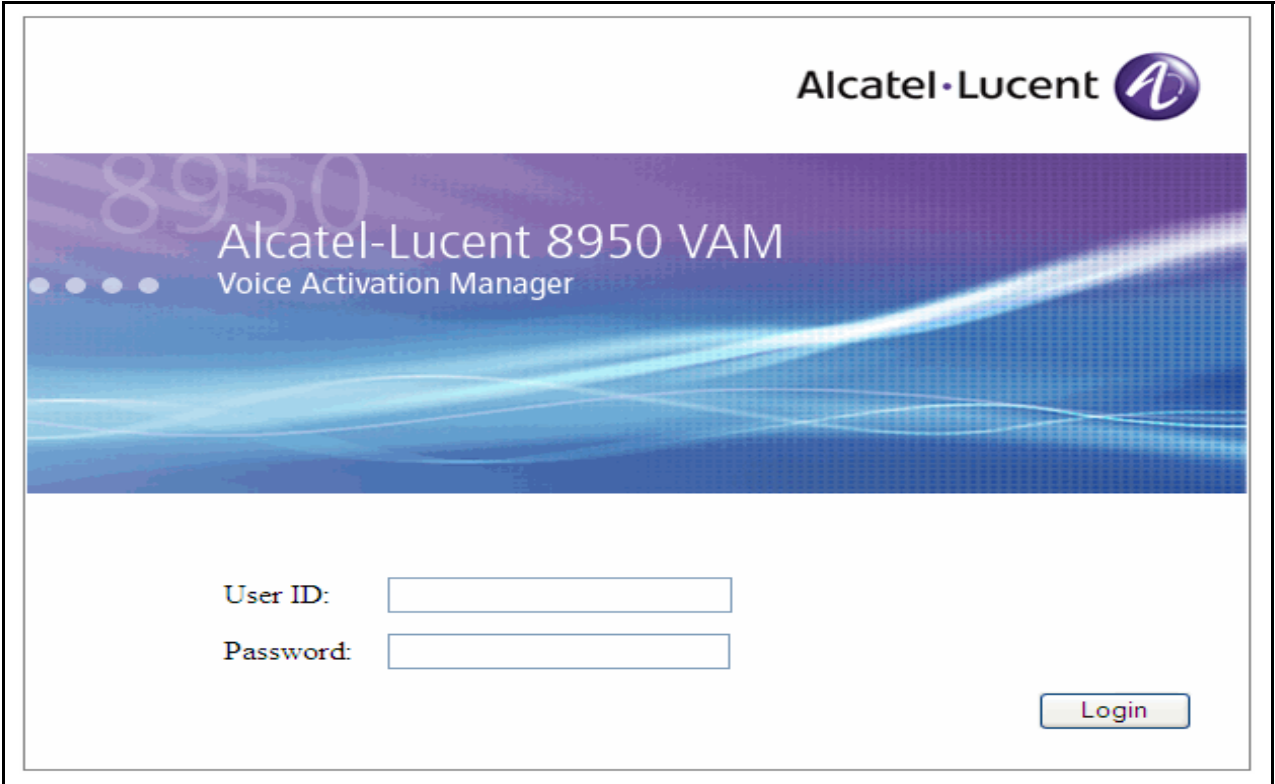
Important! The default(s) created using this procedure will apply to ALL the CLLI offices that are ONLY on the specific generic selected. (For example, it will apply to all the CLLI offices on 5E16).

Step by step Perform the following steps to create customer defaults:

- 1 Enter the appropriate URL, to access the 8950 VAM system.

Result: The 8950 VAM login page appears as shown.

Figure 7-22 8950 VAM Login Page



Alcatel-Lucent

Alcatel-Lucent 8950 VAM
Voice Activation Manager

User ID:

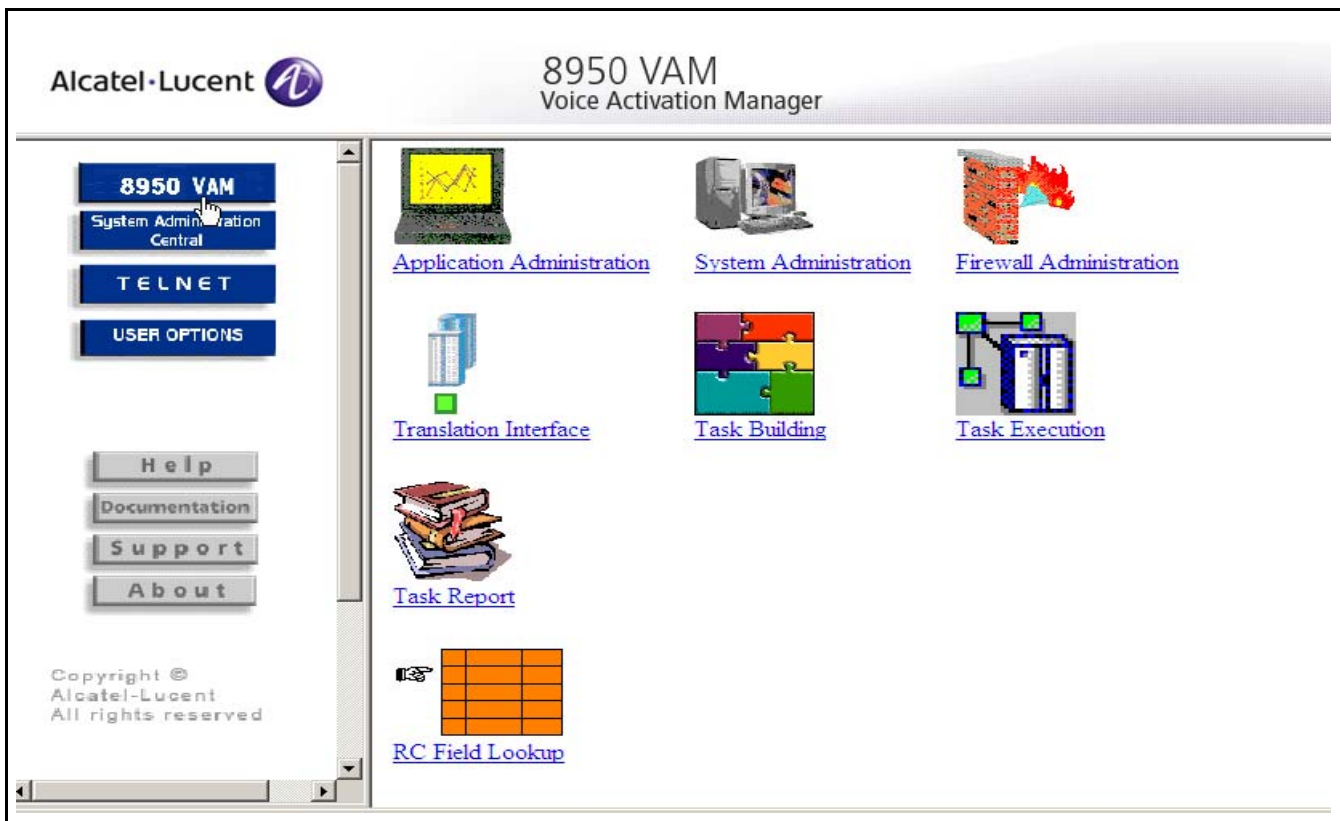
Password:

Login

- 2 Login as *int*, and type the *<int password>* and click on **Login**.

Result: The following screen is displayed.

Figure 7-23 8950 VAM Main Page



- 3 Click the **Translation Interface** icon.
- 4 Select an office switch that is on the desired 5E generic level.

- 5 Select the **CLASSES** menu and click on the desired view.

Result: The text portion of the screen is populated with the selected view. Several different action buttons appear on the bottom of the display.

Figure 7-24 Accessing a View

INT ANALOG LINE/BRCS ASSIGNMENT {1.8} Page 1 of 8

NYCMNYBY01T 5E16

RC MODE: ORDER:

(*) 1. TN	18. RAX	32. OVRD DNY XFER
(*) 2. OE	19. LCC	33. BUSY MONITOR
(*) 5. PTY	21. TTC	34. ATT MLHG
(*) 6. MLHG	HRI	35. RBV TGN
(*) 7. MEMB	24. SERHLN	36. CIDIAL
9. CHNG TN	25. BCK LNK	37. PIC
10. CHNG OE	26. SHARED	38. PTC
13. CHNG PTY	27. SAUTO	40. PLC
CHNG MLHG	28. SUSO	41. UNBUNDLED
CHNG MEMB	29. SUST	42. CID CW
16. NEW TN	30. ICP	43. PLIT
17. MFRI	31. PRIVACY	44. PSLIM

INPUT FIX QUERY DEFAULT MULTIPLE NEXT PG PREV PG

- 6 Click the **DEFAULT** button.

Result: The default selection screen is displayed as shown

Figure 7-25 Default selection.

Default Selection

Select (R) for Regular Defaults or (I) for Intelligent Defaults

R I EXIT

7 Click the **R** button.

Result: A screen is displayed with the message Defaults found.

Figure 7-26 Creating Regular Defaults

INT

COMPOSITE LINE (LINE ASSIGNMENT) {1.6}

Page 1 of 5

DUMMYSWITCH

5E16

RC MODE:ORDER:

(*)1. TN

(*)2. OE

(*)5. PTY

(*)6. MLHG

(*)7. MEMB

9. CHNG TN

10. CHNG OE

13. CHNG PTY

14. CHNG MLHG

15. CHNG MEMB

16. NEW TN

18. MFRI

19. BTN (NOT=TN)

MULTIDN

DEPENDN

22. RAX

23. LCC

LATA

25. COIN

26. GST

27. EL

28. SERHLN

29. TTC

30. BRCS

31. BAUTO

32. SHARED

33. SAUTO

34. FLS

35. SUSO

36. SUST

37. ICP

38. RTI

HRI

40. BCK LNK

41. NODL

0256: Defaults found

Telephone number.YBEnter NXXXXXXXXX where N=2-9 and X=0-9.

ACCEPT

EXIT

- 8 Click the **Accept** button.

Result: Page 1 of the view will be displayed with the current default values, with the message Enter the rest of the DEFAULTS.

Figure 7-27 Entering Default Values

INT

COMPOSITE LINE (LINE ASSIGNMENT) {1.6}

Page 1 of 5

DUMMYSWITCH

5E16

RC MODE:

ORDER:

(*)1. TN		18. MFRI	N	30. BRCS	N
(*)2. OE		19. BTN (NOT=TN)		31. BAUTO	N
(*)5. PTY		MULTIDN	N	32. SHARED	N
(*)6. MLHG		DEPENDN		33. SAUTO	N
(*)7. MEMB		22. RAX		34. FLS	N
		23. LCC		35. SUSO	N
9. CHNG TN		LATA		36. SUST	N
10. CHNG OE		25. COIN	N	37. ICP	N
13. CHNG PTY		26. GST	N	38. RTI	
14. CHNG MLHG		27. EL	N	HRI	
15. CHNG MEMB		28. SERHLN		40. BCK LNK	N
16. NEW TN		29. TTC	N	41. NODL	N

0614: Enter the rest of DEFAULTS

Telephone number. Enter NXXXXXXXXX where N=2-9 and X=0-9.

ACCEPT

EXIT

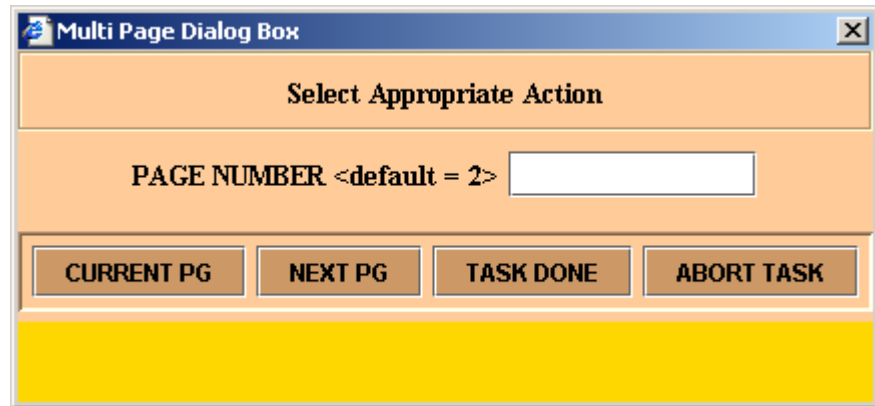
If the desired field resides on a different page of the view, select the **ACCEPT** button, another window will appear, type the desired page number, and press the **RETURN** key.

- 9 Press **<tab>** to move to the desired field and enter the new default values.

-
- 10 Click the **ACCEPT** button.

Result: A screen is displayed as shown.

Figure 7-28 Action Screen



-
- 11 Click the **TASK DONE** button to complete the task.

Important! Once the default fields are created, you have to update the unpopulated fields so that future CHANGE RC's are not rejected if the field is not allowed to be NULL by the switch. For detailed information about updating 5ESS unpopulated fields, refer to the chapter *Customer Defaults* in the *Operations Administration and Maintenance Guide*.

END OF STEPS

Changing the 5ESS Regular Defaults Using GUI

Purpose This section provides details about changing the 5ESS Regular Defaults using the GUI.

Changing the 5ESS Regular Defaults

If you want to change the current value of a regular default field to a different value, perform the steps as mentioned in the section titled [“Creating 5ESS Regular default using GUI” \(7-43\)](#). Use the <Tab> key to go to the field that you want to change. Change the field and click the **Accept** button as shown in [Figure 7-27, “Entering Default Values” \(7-47\)](#).

Important! After changing the current value to a different value, you do not need to update the 5ESS unpopulated fields. The System Administrator would have performed these procedures, when creating the original default value for the first time and hence you need not repeat these procedures.



Deleting the 5ESS Regular Defaults

Purpose This section provides details about removing the Regular defaults.

Step by Step Perform the following steps to remove the Regular default values:

- 1 Select the **CLASSES** menu and click on the desired view.

Result: The text portion of the screen is populated with the selected view and several different action buttons appear on the bottom of the display.

Figure 7-29 Accessing a view

INTANALOG LINE/BRCS ASSIGNMENT {1.8}Page 1 of 8

NYCMNYBY01T5E16

RC MODE:ORDER:

(*)1. TN18. RAX32. OVRD DNY XFER

(*)2. OE19. LCC33. BUSY MONITOR

(*)5. PTY21. TTC34. ATT MLHG

(*)6. MLHG35. RBV TGN

(*)7. MEMB36. CIDIAL

9. CHNG TN24. SERHLN37. PIC

10. CHNG OE25. BCK LNK38. PTC

13. CHNG PTY26. SHARED40. PLC

CHNG MLHG27. SAUTO41. UNBUNDLED

CHNG MEMB28. SUSO42. CID CW

16. NEW TN29. SUST43. PLIT

17. MFRI30. ICP44. PSLIM

31. PRIVACY

INPUTFIXQUERYDEFAULTMULTIPLENEXT PGPREV PG

- 2 Click the **DEFAULT** button.

Result: The default selection screen is displayed as shown

Figure 7-30 Default Selection.



- 3 Click the **R** button.

Result: A screen is displayed with the message Defaults found.

Figure 7-31 Regular Defaults

INT

COMPOSITE LINE (LINE ASSIGNMENT) {1.6}

Page 1 of 5

DUMMYSWITCH

RC MODE:ORDER:

5E16

(*)1. TN	18. MFRI	30. BRCS
(*)2. OE	19. BTN (NOT=TN)	31. BAUTO
(*)5. PTY	MULTIDN	32. SHARED
(*)6. MLHG	DEPENDN	33. SAUTO
(*)7. MEMB	22. RAX	34. FLS
	23. LCC	35. SUSO
9. CHNG TN	LATA	36. SUST
10. CHNG OE	25. COIN	37. ICP
13. CHNG PTY	26. GST	38. RTI
14. CHNG MLHG	27. EL	HRI
15. CHNG MEMB	28. SERHLN	40. BCK LNK
16. NEW TN	29. TTC	41. NODL

0256: Defaults found

Telephone number.YBEnter NXXXXXXXXX where N=2-9 and X=0-9.

ACCEPTEXIT

- 4 Enter the data and click the **Accept** button as shown.

Figure 7-32 Displaying Regular Defaults

INT

DIGIT ANALYSIS SELECTOR (OFFICE DIALING) {9.1}

5E16

DUMMYSWITCH

RC MODE: ORDER:

*1. DAS

2. PDIT

3. INC DIT

4. LDIT 001

5. PKT SW

6. ESC0

7. RMK

0614: Enter the rest of DEFAULTS

Local digit interpreter table. Enter from 1 to 999.

ACCEPT

EXIT

- 5 Default values for the view are displayed as shown.

Figure 7-33 Delete Default Values

```
INT          DIGIT ANALYSIS SELECTOR (OFFICE DIALING) {9.1}
DUMMYSWITCH 5E16
RC MODE:      ORDER:

*1. DAS      ____
2. PDIT      ____
3. INC DIT   ____
4. LDIT      001
5. PKT SW    _
6. ESC0      ____
7. RMK       _____

0614: Enter the rest of DEFAULTS
-----

Local digit interpreter table. Enter from 1 to 999.

ACCEPT EXIT
```

- 6 With the cursor on the desired field, press **CTRL-D** keys.

Result: This will blank-out the value in the field. (Repeat the process for each default field you want to delete.)

- 7 Select the **ACCEPT** button.

END OF STEPS

Regular Defaults for DMS

Purpose This section provides details about creating, updating, and deleting the regular default values for DMS.

Creating the Regular Defaults The regular defaults can be created through the GUI (Graphical User Interface).



DMS Defaults Using the Improved DMS Interface

Introduction As previously indicated, staff or supervisory users are able to create regular defaults. They are based upon company standards. Regular defaults may be overridden by privileged users.

Important! Defaults are specified by entering a nortel field name. This nortel field name may expand into more than one internal field name in the 8950 VAM database. In some cases, the validations for these internal field names are different. When different validations for the internal fields exist, the defaults software cannot correctly validate the user input. When the defaults are applied during INPUT or LINKED VIEW INPUT, the correct validation can be determined and the user will not be allowed to enter invalid data in an RC.

Creating Regular Defaults Use the following procedure to create a regular default (DMS):

Important! If your release of 8950 VAM does not support the improved DMS interface or you are using a switch generic older than NA013, then use the same procedure that is used for creating 5ESS regular defaults.

- 1 Select the desired Table, as follows:
 - a. Move the cursor over the **TABLES** portion of the menu bar.
 - b. Select the required table.

Result: The cascaded pull-down menu appears which lets you choose the table within that control group.

- c. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the selected table. Several different action buttons appear on the bottom of the display.

- 2 Move the mouse cursor over the **DEFAULT** action button and select it with the left mouse button.

Result: The prompt for default type appears as follows:

Figure 7-34 Defaults Type Prompt

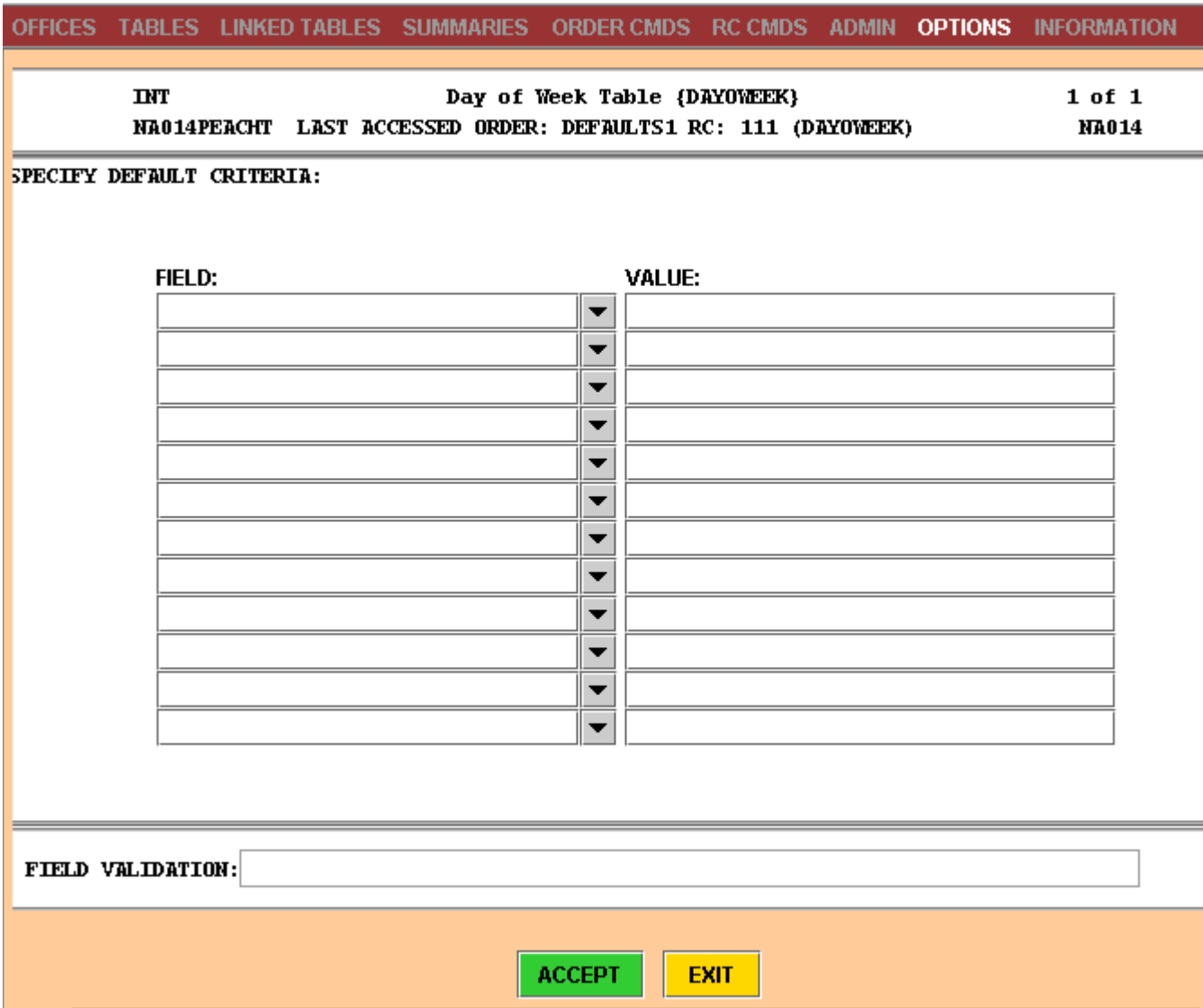


A dialog box titled "Default Selection" with a close button (X) in the top right corner. The main text reads "Select (R) for Regular Defaults or (I) for Intelligent Defaults". Below the text are three buttons: "R" (orange), "I" (orange), and "EXIT" (yellow).

- 3 Select R for regular defaults.

Result: The regular defaults screen appears as follows:

Figure 7-35 Regular Defaults Screen



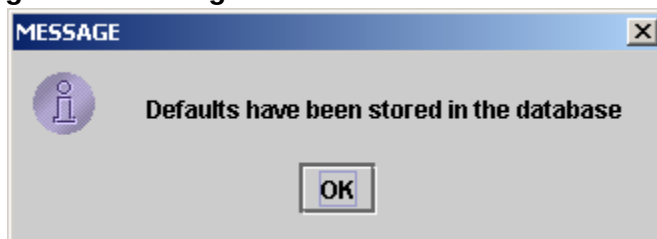
The Regular Defaults Screen is a web-based interface. At the top is a red navigation bar with links: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below this is a header section with the following text: "INT Day of Week Table {DAYOWEEK} 1 of 1", "NA014PEACHT LAST ACCESSED ORDER: DEFAULTS1 RC: 111 (DAYOWEEK)", and "NA014". The main area is titled "SPECIFY DEFAULT CRITERIA:". It contains a table with two columns: "FIELD:" and "VALUE:". The "FIELD:" column has 12 rows, each with a dropdown arrow. The "VALUE:" column has 12 empty text input fields. At the bottom, there is a "FIELD VALIDATION:" label followed by a text input field. Below the input field are two buttons: "ACCEPT" (green) and "EXIT" (yellow).

- Figure 7-36 Regular Defaults Screen with Field Names and Values**

5 Click the **ACCEPT** button.

7 - 57

Figure 7-37 Regular Defaults Confirmation



As a result of this procedure, whenever you create an Insert RC, the defaults are applied.

END OF STEPS

Changing DMS Regular Defaults

Purpose This section provides details about changing the DMS Regular Defaults using the GUI.

Changing the DMS Regular Defaults If you want to change the current value of a regular default field to a different value, perform the steps as mentioned in the section titled [“DMS Defaults Using the Improved DMS Interface” \(7-55\)](#). Use the **<Tab>** key to go to the field that you want to change. Change the field and click the **Accept** button as shown in [Figure 7-36, “Regular Defaults Screen with Field Names and Values” \(7-57\)](#).

Important! After changing the current value to a different value, you do not need to update the DMS unpopulated fields. The system administrator would have performed these procedures, when creating the original default value for the first time and hence you need not repeat these procedures.



Deleting the DMS Regular Defaults

Purpose This section provides details about removing the DMS Regular defaults.

Step by Step Perform the following steps to remove the DMS Regular default values:

- 1 Follow steps 1 through 4 as mentioned in the section [“DMS Defaults Using the Improved DMS Interface” \(7-55\)](#).

Result: The Regular Defaults screen appears as shown in [Figure 7-36, “Regular Defaults Screen with Field Names and Values” \(7-57\)](#).

- 2 From the **Field** drop-down list, select the blank field that is displayed at the top.
-

- 3 In the **Value** field, select the value that is displayed and press the **Delete** button on your keyboard.
-

- 4 Click the **ACCEPT** button.
-

- 5 Repeat steps 2-4 for different values displayed in the fields of the [Figure 7-36, “Regular Defaults Screen with Field Names and Values” \(7-57\)](#).

END OF STEPS



8 Managing Orders

Overview

Purpose This chapter describes how to manage orders, once they have been created. You can update or cancel existing orders and change the order status. You can also determine how orders can be sent to the switch and copy an existing order to be sent to multiple switches.

For related information, see Chapter 7, Creating RCs.

This chapter provides information to perform the following:

- Use the ***FIX*** command to review and make corrections to RCs which have not yet been sent to the switch (Pending RC) or RCs that have been rejected.
- Review the status of a specific RC using the ***RC CMDS*** Menu.
- Describe a pending RC.
- Review the status of a specific order by using the ***ORDER CMDS*** Menu.
- Describe the ***SKIP AHEAD*** option.
- Use 8950 VAM to perform the following:
 - Send a pending order to the switch.
 - Send a pending recent change to the switch.
- Describe the ***DBCOPY*** option to create a pending order from the database across switches.

The following topics are covered in this chapter:

Fixing a Pending RC	8-3
Canceling an RC or an Order	8-7
Uncanceling an RC or an Order	8-9
Sending a Pending Order	8-11
Stopping a Pending Order	8-14
Sending an RC within an Order	8-17
Monitoring RC or Order Status	8-15
Copying Switch Records to Send to Multiple Switches	8-21
Changing Order State	8-20
Using Global Replace	8-21
Undoing Changes for an RC	8-29
Undoing Changes for an Order	8-31
Exception Handling for Undoing Orders and RCs	8-33



Fixing a Pending RC

Introduction A *pending* RC is an RC that has a status other than **CPD** or **CAN**. At times, these RCs need to be updated due to input error.

Procedure

- 1 Create a worklist, as follows:
 - a. Move the mouse pointer over the **SUMMARIES** Menu, and select the **RC SUMMARY** option.
 - b. Select the **QUERY** action button, and enter the search criteria on the RC Summary.
 - c. Select the **ACCEPT** action button.

Result: 8950 VAM displays the results of the query, in descending order by date (latest date first), and then within a date in ascending order by RC#, as shown below.

Figure 8-1 Query Results

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION								
RLS1		RC SUMMARY {ORD}						
JLTU5E15PCH		LAST ACCESSED ORDER: XYZ RC: 1058 (5.1)						5E15
ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR	
XYZ	OPN	5.1	4000--	V	1058	04-15-02	RLS1	
CH7EXAMPLEA	OPN	9.3	001-732	I	1057	04-12-02	RLS1	
XYZ	OPN	10.36	KEY	V	529	04-08-02	RLS1	
XYZ	OPN	15.1	NSC4	V	530	04-08-02	RLS1	
XYZ	OPN	15.10	2	V	531	04-08-02	RLS1	
XYZ	OPN	15.10	3	V	532	04-08-02	RLS1	
XYZ	OPN	15.10	5	V	533	04-08-02	RLS1	
XYZ	OPN	15.10	6	V	534	04-08-02	RLS1	
XYZ	OPN	15.10	7	V	535	04-08-02	RLS1	
XYZ	OPN	15.10	232	V	536	04-08-02	RLS1	
XYZ	OPN	15.10	233	V	537	04-08-02	RLS1	
XYZ	OPN	15.10	234	V	538	04-08-02	RLS1	
0157: 1058 found								
ACCEPT NEXT PG PREV PG REPORTS MULT RC ORD INFO RC INFO X COPY EXIT								

- 2 Select an RC to update, as follows.
 - a. Using the arrow keys, place the text cursor on the required RC, and use the mouse pointer to select the **ACCEPT** action button.

Result: If you are accessing the RC, the text portion of the screen displays the Transmittal Sheet for that RC, as shown below.

Figure 8-2 Transmittal Sheet for Selected Order

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1 TRANSMITTAL SHEET {COVER}								
JLIU5E15PCH LAST ACCESSED ORDER: XYZ RC: 532 (15.10) 5E15								
*ORDER: XYZ HOSTCLLI: JLIU5E15PCH								
PROJECT: _____ DMOPRO: _____								
RSV: _____ CREATED BY: RLS1								
RSV DATE: _____ PHONE #: _____								
TMO DATE: _____ HISTORY RDY DATE: _____								
RDY DATE: _____ HISTORY RID DATE: _____								
RID DATE: _____ HISTORY SCC DUE/PTD DATE: _____								
SCC DUE/PTD DATE: _____ HISTORY DUE DATE: _____								
DUE DATE: _____ HISTORY CANCEL DATE: _____								
COMP DATE: _____ CANCELED BY: _____								
CANCEL DATE: _____ REMARKS: _____								
COORDINATE WITH: _____ COMPLETED BY: _____								
TEST DATE: _____ ORDER STATE: OPN								
TESTED BY: _____								
INPUT UPDATE QUERY RC SUMMARY CONTINUE RENAME								

- b. Using the mouse pointer, select the **CONTINUE** action button.

Result: The RC you are currently accessing is displayed.

- 3 Using the mouse pointer, select the **FIX** action button.

Result: If your RC was rejected, you are prompted to see the reject reason.

- 4 Do one of the following:

- If you want to see the reject reason, select **YES**.

Result: The error message is displayed. Press [ENTER] to continue, and the text cursor is located at the RC MODE field.

- If you do not want to see the reject reason, select **NO**.

Result: The text cursor is located at the RC MODE field.

-
- 5 Using the arrow keys, locate and change the necessary fields.
-

- 6 Select the **ACCEPT** action button with the mouse pointer.

Result: If your RC was rejected, it is now returned to the **RDY** state.

You can repeat this procedure to fix each RC in the worklist. To display the next RC, select the **NEXT RC** option from the **RC CMDS** Menu, as shown below.

Figure 8-3 Selecting the Next RC

The screenshot shows a software interface with a top navigation bar containing the following tabs: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS (highlighted), ADMIN, OPTIONS, and INFORMATION. The main display area is divided into two sections. The left section, titled 'RLS1 SUBSYSTEM INFORMATION {1', contains the following text: 'JLIU5E15PCH LAST ACCESSED ORDER: XYZ RC: 533 (1', 'RC MODE: V ORDER: XYZ', and a list of 12 items: 1. SUBSYSTEM 5, 2. SIG GRP ADR, 3. SIG MEM ADR, 4. SIG CHAN, 5. LOCAL INDEX, 6. WANT PAUSE, 7. SIMP DUPL, 8. MGMT CHAN, 9. MATE SSN, 10. MATE PTCODE, 11. MGMT GRP ADR, and 12. MGMT MEM ADR. The right section, titled '5E15', contains a list of 8 options: ACCESS RC, NEXT RC (selected with a radio button), RC INFO, CANCEL RC, UNCANCEL RC, RELEASE ACCESSED RC, RETURN TO ACCESSED RC, and SEND RC. At the bottom of the interface, there are five buttons: INPUT, FIX, QUERY, DEFAULT, and MULTIPLE.

END OF STEPS

Canceling an RC or an Order

Introduction Sometimes there is a need to cancel one RC in an order or the entire order before it is sent to the switch.

For complete instructions, see the sections

- [Cancel an RC](#)
- [Cancel an Entire Order](#)

Cancel an RC

- 1 Using the mouse pointer, select the **CANCEL RC** option from the **RC CMDS Menu**.

Result: The CANCEL RC dialog box is displayed, and the RC number of the currently accessed RC is automatically populated.

- 2 Using the mouse pointer, click on the text area of the dialog box and then press **[ENTER]**.

Result: A message is displayed indicating that the RC was cancelled.

END OF STEPS

Cancel an Entire Order

- 1 Using the mouse pointer, select the **CANCEL ORDER** option from the **ORDER CMDS Menu**.

Result: The CANCEL ORDER dialog box is displayed, and the order number of the currently accessed order is automatically populated.

- 2 Using the mouse pointer, click on the text area of the dialog box and then press **[ENTER]**.

Result: You are prompted to indicate if you want to continue.

3 Select **YES**.

Result: A message is displayed indicating that the order was cancelled from the database.

END OF STEPS

Uncanceling an RC or an Order

Introduction Sometimes there is a need to uncancel one RC in an order or the entire order. Uncanceling changes the state of the order to the state it was in prior to being canceled.

For complete instructions, see the sections:

- [Uncancel an RC](#)
- [Uncancel an Entire Order](#)

Uncancel an RC

- 1 Using the mouse pointer, select the **UNCANCEL RC** option from the **RC CMDS** Menu.

Result: The UNCANCEL dialog box is displayed, and the RC number of the currently accessed RC is automatically populated.

- 2 Using the mouse pointer, click on the text area of the dialog box and then press **[ENTER]**.

Result: A message is displayed indicating that the RC status was updated to the previous state before being canceled.

END OF STEPS

Uncancel an Entire Order

- 1 Using the mouse pointer, select the **UNCANCEL ORDER** option from the **ORDER CMDS** Menu.

Result: The following dialog box is displayed, and the order number of the currently accessed order is automatically populated.

Figure 8-4 Uncanceling an Order

UNCANCEL ORDER

Enter ORDER NUMBER followed by a return OR Depress the EXIT Button

ORDER # TO BE UNCANCELLED: JLIU1510_071001

EXIT

-
- 2 Using the mouse pointer, click on the text area of the dialog box and then press **[ENTER]**.

Result: A message is displayed indicating that the order status was updated to its previous state.

END OF STEPS

Sending a Pending Order

Introduction Once an order has been created and moved to the Ready (RDY) state, it can be sent to the switch. The order can be sent immediately or can be scheduled to be sent at a specific date and time.

For complete instructions, see the sections:

- [Sending Orders Immediately](#)
- [Sending Orders as an Expert User](#)
- [Scheduling Orders](#)

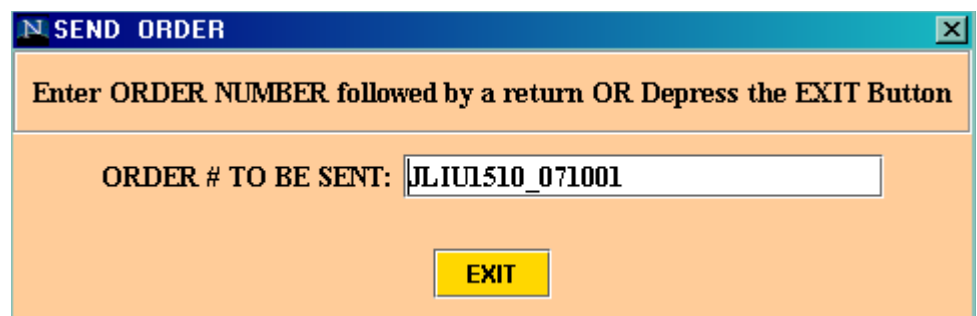
Process for Sending Orders When sending an order with multiple RCs, each RC is sent individually. If one of the RCs in the order fails, 8950 VAM attempts to send that specific RC three times. If the RC still fails, then 8950 VAM stops sending the order and puts that specific RC in the Rejected (REJ) state.

Sending Orders Immediately

- 1 Using the mouse pointer, select the **SEND ORDER** option from the **ORDER CMDS** Menu.

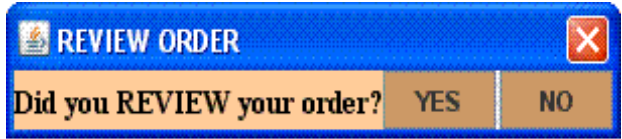
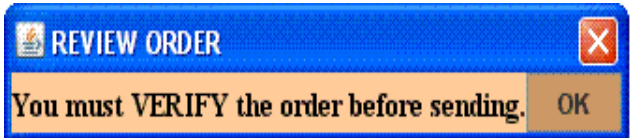
Result: The following dialog box is displayed, and the order number of the currently accessed order is automatically populated.

Figure 8-5 Sending a Pending Order



-
- 2 Using the mouse pointer, click on the text area of the dialog box and then press **[ENTER]**

Result: Depending on the feature lock “MANDATORY VERIFY ORDER BEFORE SENDING”, the following happens.

Feature lock	Result
ON	The following dialog box is displayed. Figure 8-6 Review Order  • On selecting YES, you are prompted to indicate if you want to continue with the number of RCs. • On selecting NO, the following dialog box is displayed. The order is not sent to switch, on selecting OK. Figure 8-7 Verify Order Before Send 
OFF	You are prompted to indicate if you want to continue with the number of RCs.

-
- 3 Select **YES**.

Result: The first RC in the order is sent to the switch, and the following information is displayed on the Error and Message Status window.

- **Date** - The date the order was transmitted to the switch.
- **Time** - The time the order was transmitted to the switch.

- **CLLI** - The currently accessed switch.
- **RC #** - The number of the RC being transmitted to the switch.
- **State of RC** - The state the RC is currently in.

Sending Orders as an Expert User

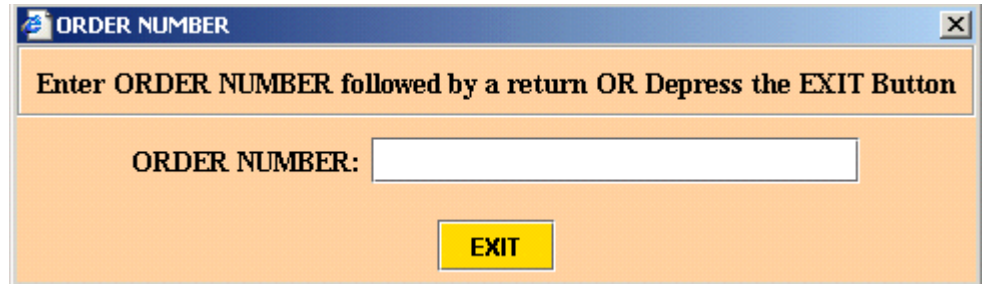
Expert users with **IMMEDIATE SEND PLUS COVER SHEET** permission can directly send an OPN order to the switch without having to move the order to the RDY state first.

To send an order to the switch, do the following:

- Move the mouse pointer over the **ORDER CMDS** Menu.
- Select the **EXPERT SEND** option.

Result: The Order Number dialog box is displayed.

Figure 8-8 Order Number Dialog Box



- Enter the order number which is to be sent to the switch and press **[ENTER]**.

Important! If you have accessed an order recently, the order number is displayed in the Order Number dialog box. You can choose to retain it or edit the number to specify a new order number.

Result: The Send Order dialog box is displayed.

Figure 8-9 Send Order Dialog Box



- Click **YES**.

Result: The order is readied if it is in OPN state and the first pending RC in the order is sent to the switch.

END OF STEPS

Scheduling Orders

- 1 Using the mouse pointer, select the **SCHEDULE ORDER** option from the **ORDER CMDS** Menu.

Result: The following screen is displayed.

Figure 8-10 Order Scheduling Screen

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT 5E161234567 5E16

HOST	ORDER	SCHED. DATE	SCHED. TIME	# OF RCS	SCHED. STATUS	STOP ON REJ

QUERY UPDATE

Error and Message Status

<05/09/07 13:57:26> Asynchronous Message Handler Initialized: UI15A

- 2 Select the **UPDATE** action button.
- 3 Enter the Order Number and press the **ACCEPT** action button.

-
- 4 If the order is found in the RDY state, the system lets you enter a date and time in the SCHED. DATE and SCHED. TIME fields, and use the mouse pointer to select the **ACCEPT** action button.

Result: The order will be sent to the switch at the date and time specified. If you try to schedule an order that does not have at least one RC in RDY state, you will receive an error.

END OF STEPS

Stopping a Pending Order

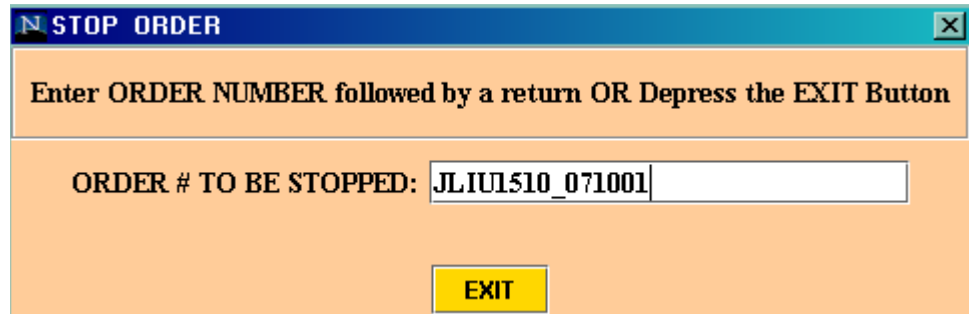
Introduction Once an order has been sent to the switch, it can be stopped.

Procedure

- 1 Using the mouse pointer, select the **STOP ORDER** option from the **ORDER CMDS** Menu.

Result: The following dialog box is displayed, and the order number of the currently accessed order is automatically populated.

Figure 8-11 Stopping a Pending Order



- 2 Click on the text area of the dialog box and then press **[ENTER]**.

Result: A message is displayed indicating that the order has been stopped.

Important! If an RC is in the XMT state, you will receive the following message: Order Stopped, RC: xxxx currently in XMT state, Review Manually.

Sending an RC within an Order

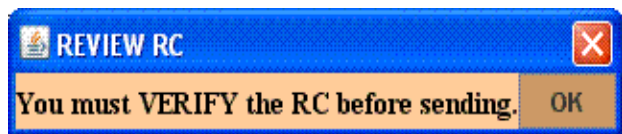
Sending an RC within an Order

RCs which are either in the RDY or REJ state can be sent to the switch using the **SEND RC** option.

Procedure

To send an RC to the switch, do the following:

- a. Access the RC which is to be sent to the switch.
- b. Move the mouse pointer over the **RC CMDS** Menu.
- c. Select the **SEND RC** option.
- d. Depending on the feature lock “MANDATORY VERIFY ORDER BEFORE SENDING”, the following happens.

Feature Lock	Result
ON	The following dialog box is displayed. Figure 8-12 Review RC  • On selecting YES, the RC is sent to switch. • On selecting NO, the following dialog box is displayed. The RC is not sent to switch, on selecting OK. Figure 8-13 Verify RC Before Send 
OFF	The RC is sent to switch.

Result: The following message is displayed: Requested message sent successfully.

Sending an RC within an Order as an Expert User

In addition to moving the order to the RDY state before sending the order to the switch, an expert user with **IMMEDIATE SEND PLUS COVER SHEET** permission can perform an 'expert send' on a single RC within an order.

The **Expert Send RC** capability, allows you to move an individual RC in the OPN state directly to the XMT state thereby eliminating the extra step of first having to ready the order.

Procedure To send an RC to the switch, do the following:

- a. Access the RC which is to be sent to the switch.
- b. Move the mouse pointer over the **RC CMDS** Menu.
- c. Select the **EXPERT SEND RC** option.

Result: The following message is displayed: Requested message sent successfully.

Important! The state of the order with which the RC is associated does not change unless changing the state of the particular RC causes the state of the order to change.

Example: Example: An order is in the OPN state. It has ten RCs in the OPN state. You exercise the **Expert Send RC** option on one of the RCs. The RC is successfully transmitted to the switch but the state of the order continues to remain OPN.

However, if nine RCs in the order were in the CPD state and one was in the OPN state and you exercise the **Expert Send RC** option, the state of the order either changes to CPD or RDY state depending on the result of that RC.

END OF STEPS

Monitoring RC or Order Status

Introduction You can monitor the status of a single RC or all RCs in the entire order. You can see the current status of a particular RC or all RCs in the order. This status is dynamically updated every 15 seconds.

For complete instructions, see the sections:

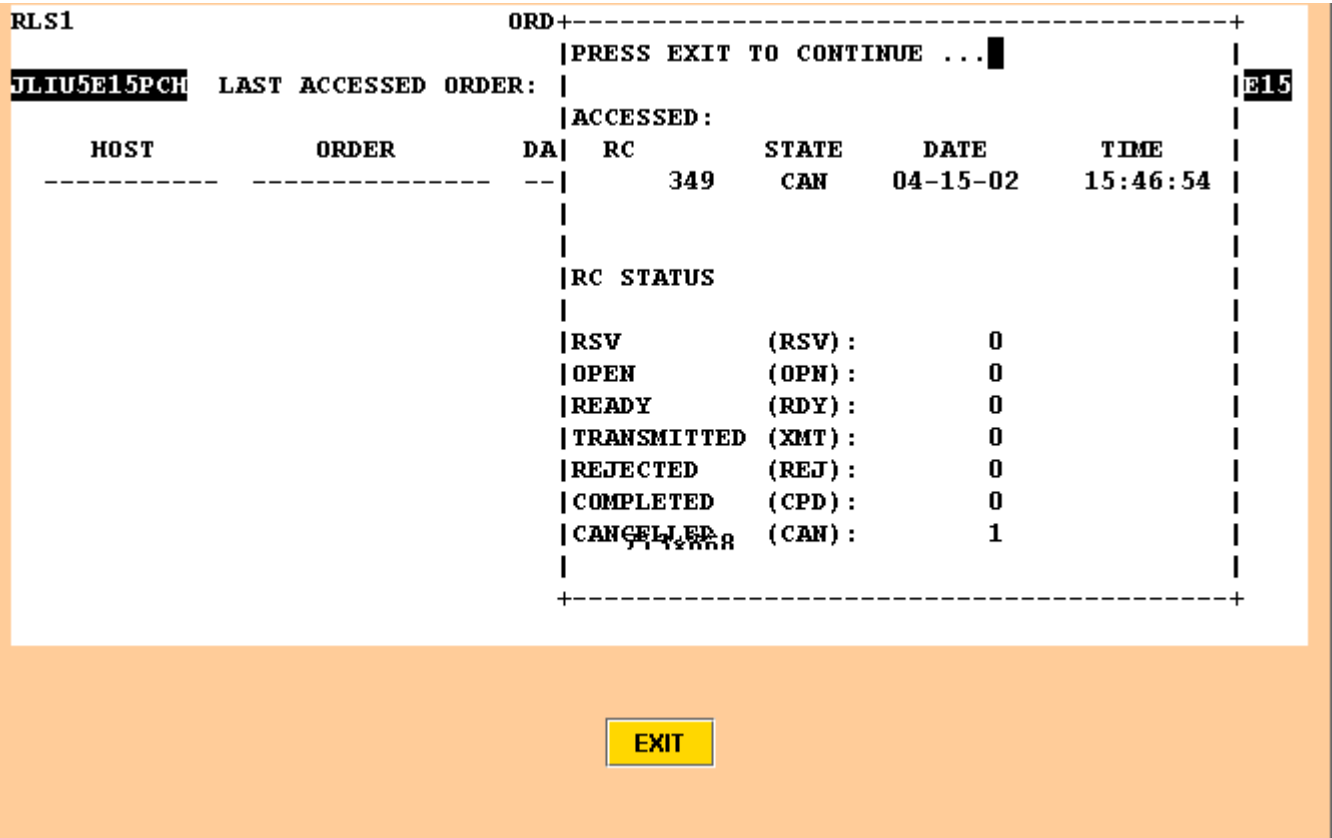
- [Monitoring RC Status](#)
- [Monitoring Order Status](#)

Monitoring RC Status

- 1 Using the mouse pointer, select the **RC INFO** option from the **RC CMDS** Menu.

Result: The following window is displayed, indicating the date and time the RC was created.

Figure 8-14 RC Status Window

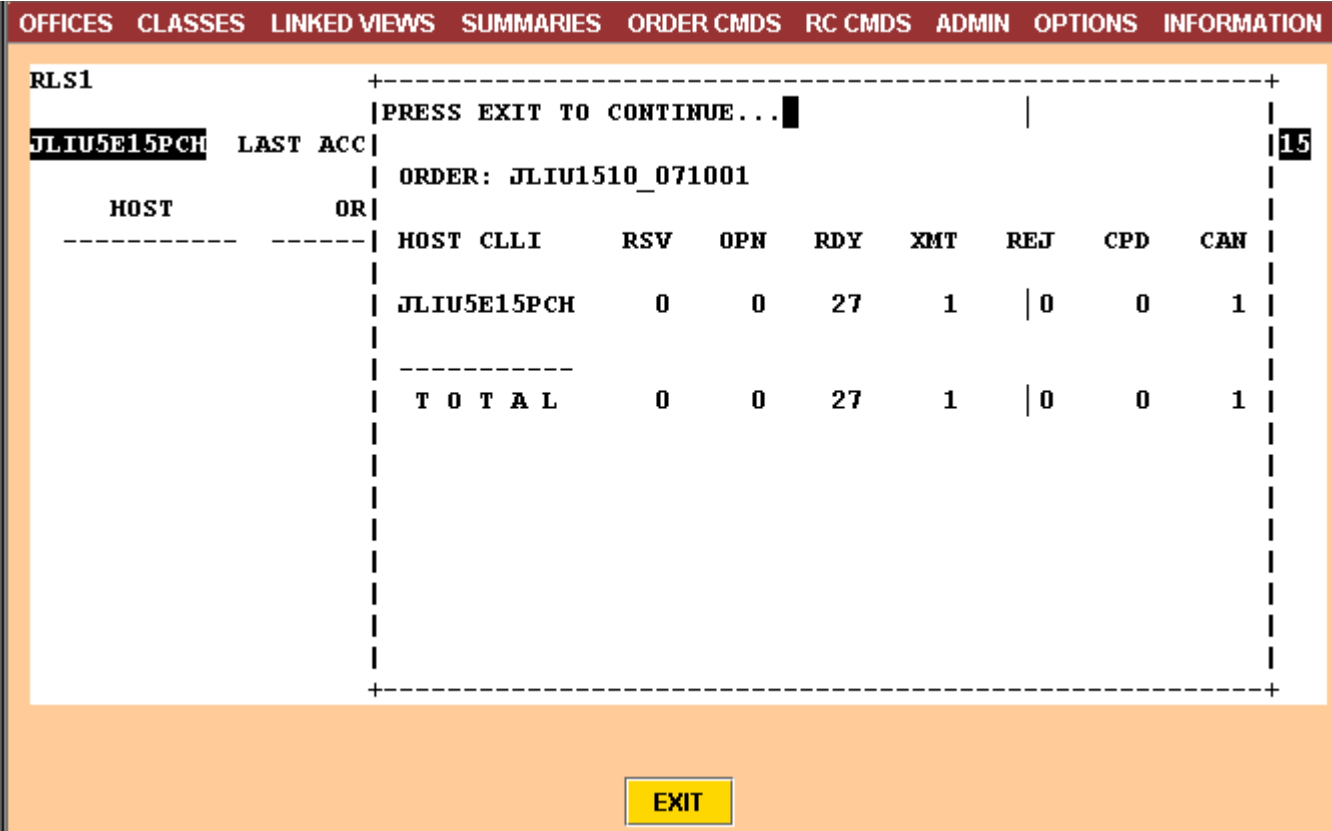


Monitoring Order Status

- 1 Using the mouse pointer, select the **ORDER INFO** option from the **ORDER CMDS** Menu.

Result: The following window is displayed.

Figure 8-15 Order Status Window



Copying Switch Records to Send to Multiple Switches

Introduction You can copy records from the shadow database and create an order on multiple switches. To send records to multiple switches, each switch receiving the records must be the same switch type (5ESS or DMS) and have the same switch generic (5E13 or NA009).

Procedure

1 Select the desired View/Table, as follows:

- a. Move the cursor over the **CLASSES/TABLES** portion of the menu bar.
- b. Select the class/table of interest.

Result: The cascaded pull-down menu appears and lets you choose the view within that class or the table within that control group.

- c. Select the desired view/table from the cascaded menu.

Result: The text portion of the screen is populated with the view/table selected, and several different action buttons appear on the bottom of the display.

2 Query the database for the type of views/tables you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The text cursor is located at the first key field.

- b. Enter the field values, and select the **ACCEPT** action button.

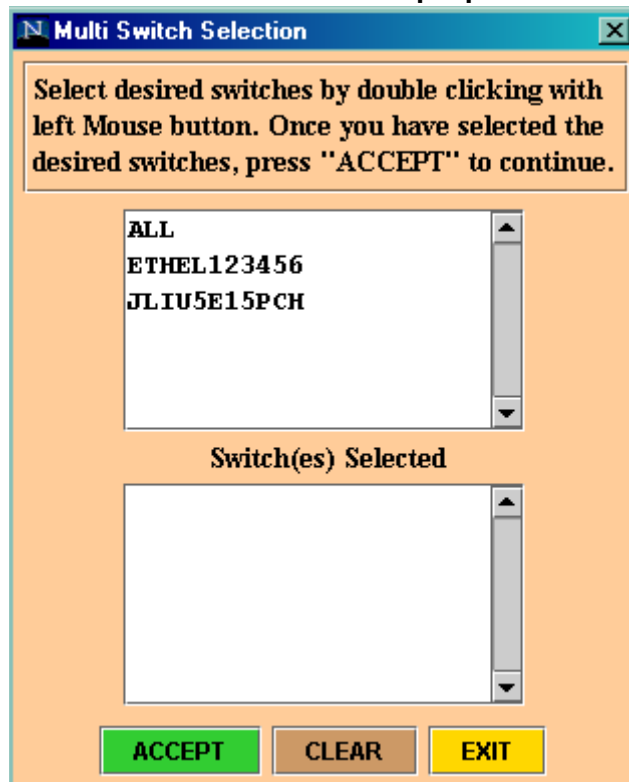
Result: The system searches the database for the criteria entered and displays the first view/table found. The system also indicates the total number of views/tables found.

Important! For complete details on performing a query, see Chapter 5, Querying for Views and Tables.

Select the **DBCOPY** action button.

Result: The following pop-up window is displayed.

Figure 8-16 Multi Switch Selection Pop-Up Window



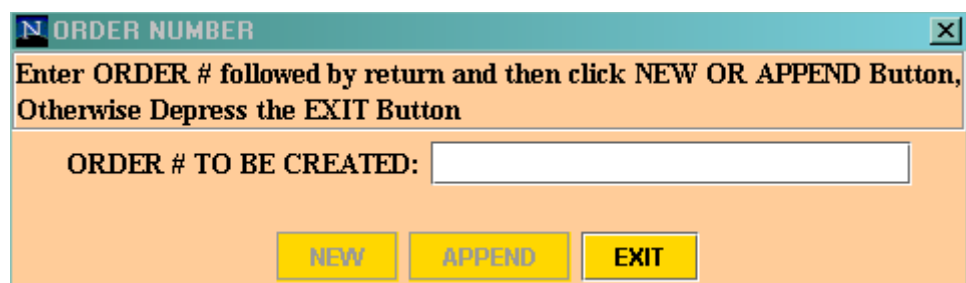
-
- 3 Using the left mouse button, double-click on the switches you would like to send the copied records to.

Result: The selected switches are displayed in the box at the bottom of the pop-up window.

- 4 Select the **ACCEPT** action button.

Result: The following dialog box is displayed.

Figure 8-17 Order number



5 Enter the order name that you want the copied records to appear in, and press **[ENTER]**.

6 Do one of the following:

- To create a new transmittal sheet, select the **NEW** action button.
- To append the copied order to an existing transmittal sheet, select the **APPEND** action button.

Result: A new order is created or an order is appended to for each of the selected switches. Each RC in the order is created in the OPN state and the Insert mode.

END OF STEPS

Changing Order State

Steps to Change Order State

In order to be able to send an order to the switch, you must change the order from the RSV state to the OPN state. Use the following procedure:

- 1 Using the mouse pointer, select the **OPEN RSV** option from the **ORDER CMDS** Menu.

Result: You are prompted to indicate if you want to continue.

- 2 Select **YES**.

Result: The status of the order is changed from RSV to OPN.

END OF STEPS

Using Global Replace

Introduction Using the Global Replace option, you can apply data changes across multiple fields in an RC, and across multiple views/tables. This feature either applies the specified changes to an existing order or copies a template order to a new order and applies the global changes in conjunction with the copy operation. This feature works on only one switch at a time, i.e. across views, not across switches. For DMS, this features does not update any selector fields. It is a restriction of the program that you are not allowed to make replacements in a selector field; you will get an error message on the warning summary. With DMS CLLIs, global replacements are not carried out for REMARKS field area. Remarks field is only stored at 8950 VAM database, but not at the switch.

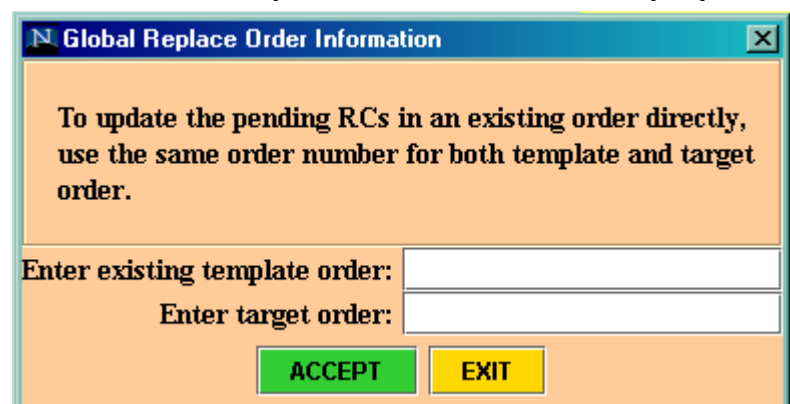
Performing a Global Replace

To perform a global replace, use the following procedure:

- 1 Using the mouse pointer, select the **GLOBAL REPLACE** option from the **ORDER CMDS** Menu.

Result: The Global Replace Order Information Screen is displayed as shown below.

Figure 8-18 Global Replace Order Information Pop-Up Window



- 2 Enter the existing template order, and the target order and press the **ACCEPT** action button. The template order must exist on the current switch.

If the template order and the target order are the same, then the order must be in the OPN or RDY state. You cannot update RCs on an order in the CPD, CAN or RSV state. You will be presented with a confirmation window informing you that you are updating RCs within the current template. When the template and target orders are not the same, users can append to an existing order.

Result: The Global Replacement Data screen is displayed as shown below.

Figure 8-19 Global Replacement Data

	REPLACE:	WITH:	KEY FIELDS:	NON KEY FIELDS:
1:				
2:				
3:				
4:				
5:				
6:				
7:				
8:				
9:				
10:				

- 3 Enter all data for the REPLACE and WITH fields as described below:
 - Up to 10 replacements may be specified for each execution of Global Replace.
 - The values in each REPLACE/WITH field do not have to be the same length.
 - The ! will null out a field value.

- No wrap-around replacements are allowed. An example of a wrap-around replacement is shown below:

REPLACE	WITH
BBBB	1234
234	577

In the example above, the program would first replace all instances of BBBB with 1234. Next all instances of 234 are found, but some of the occurrences could be the result of the first set of replacements. This is considered a wrap-around replacement, and an error is produced.

- If more than one replacement is made in a single RC, that RC is reported on the Global Replace Warning Summary screen.
- This command does not work on fields that contain lower case data.

-
- 4 Enter in a **Y** to update field values or **N** to retain field values for the Key Fields and Non-Key Field columns. A **Y** or **N** in the key and non-key fields tells the global replace tool to only make changes in either key, non-key or both fields. A value **MUST** be entered.
-

- 5 Select the **ACCEPT** action button.

Result: If there are inconsistencies, a screen displays the inconsistencies as shown below. If there are no inconsistencies, the updates are performed.

Figure 8-20 Global Replacement Warning Summary

KAB
Global Replace Warning Summary

ENOCH12SPK
LAST ACCESSED ORDER: KAB-TEST RC: 3103 (23.8)
5E12

RCs processed: 30
RCs skipped: 0

Replacements made: 5
RCs with invalid mode: 5

RCV/TBL	RC#	WARNING MESSAGE:
5.1	3087	RC mode changed to C
5.1	3088	RC mode changed to C
9.9	3089	RC mode changed to C
9.9	3090	RC mode changed to C
9.9	3091	RC mode changed to C

EXIT

Important! Global Replace will change the mode of the Recent Change if it fails shadow database validation when creating a new order. This change will update RC modes as follows:

Existing RC Mode	Action
Insert RC already in shadow	mode changed to C
Change RC not in shadow	mode changed to I
Delete RC not in shadow	no update, warning message



Undoing Changes for an RC

Introduction You can undo the changes applied to the switch through the 8950 VAM Translation Interface. This feature provides an option to undo an RC.

RCs with errors that are accepted by the switch can cause problems with the network or service. For example, a route index may point to a wrong trunk group causing misrouted calls. Such RCs need to be reverted manually.

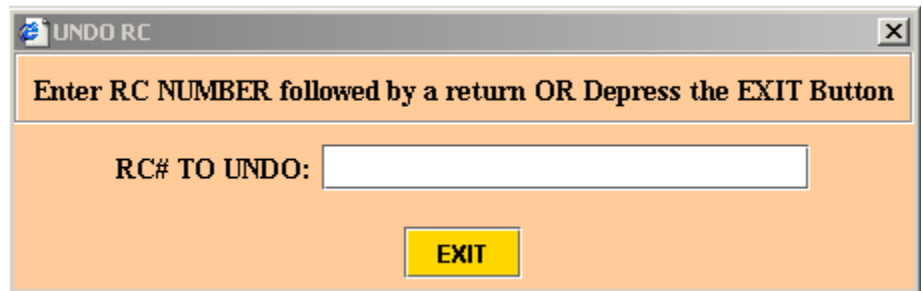
By using the Undo RC feature, you can undo those translations that resulted in an error.

Procedure Follow these steps to undo changes for an RC:

- 1 Using the mouse pointer, select the **UNDO RC** option from the **RC CMDS** Menu.

Result: The UNDO RC dialog box is displayed.

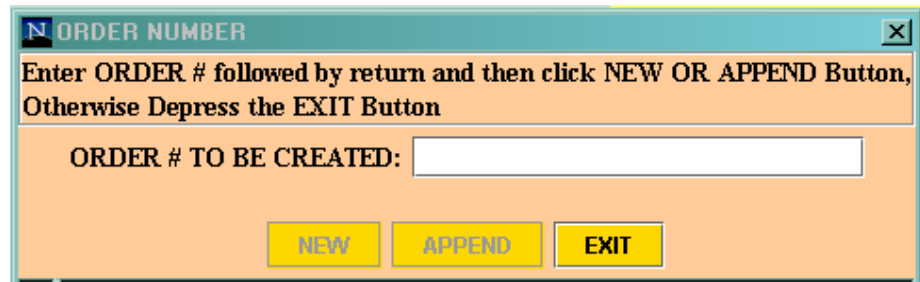
Figure 8-21 UNDO RC Dialog Box



- 2 Enter the RC Number for which you need to undo the changes.

Result: The ORDER NUMBER dialog box is displayed.

Figure 8-22 ORDER NUMBER Dialog Box



- 3 In the **ORDER # TO BE CREATED** field, enter the order number.
- 4 Press **[ENTER]**.
- 5 Do one of the following:
 - To create a new Order, select the **NEW** action button.
 - To append the copied order to an existing Order, select the **APPEND** action button.
 - To exit the Order Number dialog box without saving the changes, select the **EXIT** button.

Result: A new Order is created or an Order is appended for each of the selected switches.

Undoing Changes for an Order

Introduction You can undo the changes applied to the switch through the 8950 VAM Translation Interface. This feature provides options to undo an entire Order.

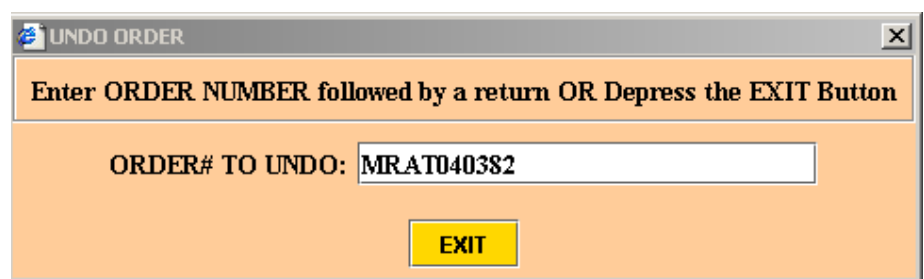
By using the Undo Order feature, you can undo those translations that resulted in an error.

Procedure Follow these steps to undo changes to an Order:

- 1 Using the mouse pointer, select the **UNDO ORDER** option from the **ORDER CMDS** Menu.

Result: The UNDO ORDER dialog box is displayed.

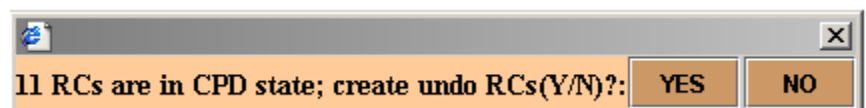
Figure 8-23 UNDO ORDER Dialog Box



- 2 Enter the Order Number for which you need to undo the changes.
- 3 Press **[ENTER]**.

Result: The Confirmation dialog box is displayed.

Figure 8-24 Confirmation Dialog Box

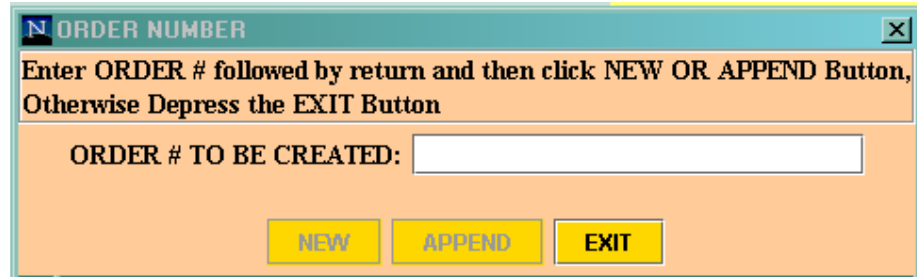


- 4 Do one of the following:

- To create Undo RCs, select the **YES** action button.

Result: The ORDER NUMBER dialog box is displayed.

Figure 8-25 ORDER NUMBER Dialog Box



- To exit the operation, select the **NO** button.

.....

5 In the **ORDER # TO BE CREATED** field, enter the order number.

.....

6 Press **[ENTER]**.

.....

7 Do one of the following:

- To create a new Order, select the **NEW** action button.
- To append the copied Order to an existing Order, select the **APPEND** action button.
- To exit the Order Number dialog box without saving the changes, select the **EXIT** button.

Result: A new Order is created or an Order is appended for each of the selected switches.

Exception Handling for Undoing Orders and RCs

Introduction Undoing of Orders and RCs may not behave properly when an after-function had changed the data anytime after the previous RC was sent to the switch. Here are some examples:

- A line is deleted on 5ESS using the 1.8 view. The corresponding 1.6 view had data in fields that were not common between the 1.6 view and 1.8 view. These values are different from the default values. When you undo the changes, an 'insert 1.8 view' will be created and an after-function will be created for the 1.6 view for the same values. However, the 1.6 view will only be created with the default values in those fields.
- An IDP (Centrex) group is deleted on 5ESS using the 9.10 view. An after-function will also delete all the records for that IDP group in the 9.11, 9.12 and 9.13 views. When you undo the changes, an 'insert 9.10 view' will be created. However, no records will be restored in the 9.11, 9.12 or 9.13 views.
- On the DMS, SERVORD RCs have no history record and generate multiple changes to the 8950 VAM shadow database. These changes are done through the DMS echo-back, which do not involve verifying RCs. Therefore, you cannot undo SERVORD RCs.

Important! The Undo RC feature creates a single RC when attempting to restore the original record from its most recent history record, except for 5E line and trunk member deletions. This may not be enough to restore all the translations relating to that record, to their original state.

Applicable Conditions When undoing changes to an Order or an RC, for every RC in the original Order in the CPD state, a new RC will be created in the OPN state as follows:

- If the original RC is created during the insert operation, then a pending delete operation is created for the same value.
- If the original RC is created during the delete operation, then the most recent history record previous to that RC for that value is converted to a pending Insert RC.
- If the original RC was created during the change operation, then the most recent history record previous to that RC for that value is converted to a pending Change RC.

- If the original RC was created during the verify operation and the USER ID of the RC was 991 through 999, then the most recent history record previous to that RC for that value is converted to a pending change RC.
- When creating an RC, if there are no history records from the history record that is next to the last one, an error message "Unable to create UNDO RC for RC xxxxx. No history record found" is displayed, where "xxxxx" is the tron number of the original RC without a history record.
- You can undo the verification of RCs only if the operation resulted in changing an existing record. If a record is added during the verify operation, the Undo RC feature will not find a history record. The error message described above is displayed. If a record is deleted during the verify operation, then the Undo RC feature will create a change RC on values that do not exist.

Important! You can verify an RC when a user changes a record directly from the switch. In this case, when you undo the RC on the Echo-back, the verify RC operation will restore the record to its original state.

- The Undo RC/Undo Order feature is not supported for ISDN lines on 5ESS. You cannot create a new undo RC if the RC has to be reverted for a class 23 view. An error message "Unable to create UNDO RC for RC xxxxx. Undo not supported for class 23 views" is displayed, where "xxxxx" is the tron number for the original RC without a history record.
- For Orders with more than 10000 RCs to be undone, only the first 10000 recent changes will be considered. The user shall be prompted with the following message, "Found 12000 RCs, But only 10000 UNDO RCs will be generated (Y/N):" If you select "Y", the undo order will be created for the first 10000 RCs. If you select "N", the Undo Order process will be aborted.
- If the most recent history record is a "verify" RC operation, then that RC will not be undone and the following message is displayed, "Cannot Undo RC xxxxxxx, previous history record was a verify".

9 8950 VAM Summaries

Overview

Purpose This chapter describes the summaries available in 8950 VAM. Summaries allow you to dynamically create individualized worklists for all data related to a particular switch, type of RC or other specific data types. You can use summaries to support workflow management and as a tool in determining daily work activities. From a summary, you can also perform a database query or generate a report based on information you want to print or display and copy information from one switch to another.

For related information, see the following:

- Chapter 5
- Chapter 6

Objectives This chapter provides information to perform the following:

- List the Workflow Management Tools available using 8950 VAM summaries.
- Describe the steps to create a worklist using the following summaries:
 - XT Summary
 - ORDER Summary
 - RC Summary

- RSV Summary
- REJECT Summary
- Call Trace
- Describe the steps needed to review the status of an RC, using the RC Log.
- Describe how to perform **XCOPY** from switch to switch.
- Describe the steps needed to track a specific RC, using the UUID Summary.
- Describe the steps needed for Call Trace.

The following topics are included in this chapter

Introduction to Summaries	9-3
XT Summary	9-5
Order Summary	9-8
RC Summary	9-11
XCOPY	9-14
LIST RC-DMS Only	9-17
RSV Summary	9-19
UUID Summary	9-21
Reject Summary	9-24
RC Log	9-27
Call Trace--5ESS Only	9-30



Introduction to Summaries

List of Summaries

The following summaries and summary tools are available in 8950 VAM:

- **XT Summary**
Shows the ORDER NAME, RDY date, RID date, SCC/PTD date, DUE date, COMP date, and CANCEL date.
- **Order Summary**
Lets you create a worklist of RCs based on the ORDER NAME, view/table name, and all the six dates from the XT SUMMARY.
- **RC Summary**
Provides the capability to view all of the recent change activity for a specific switch.
- **RSV Summary–5ESS Only**
Provides a listing of all reserved RCs for a specific switch.
- **UUID Summary**
Provides the capability to record an audit trail of activities performed on a specific RC.
- **Reject Summary**
Provides a list of all rejected recent changes for a specific switch.
- **RC Log**
Provides the RC number, date, time, and status information on all the recent changes for a specific switch.
- **Call Trace Log–5ESS Only**
This tool simulates the call processing functionality of the 5ESS switch to trace the path of a call through various switch views using the 8950 VAM shadow database.

Selecting a Summary

To select a summary, you use the mouse pointer to select an option from the **SUMMARIES** menu, as shown below.

Figure 9-1 Selecting a Summary from the SUMMARIES Menu

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLS1								{ COVER}									
JLIU5E15PCH				LAST ACCESSED				16 (5.1)				5E15					
*ORDER:								CLLI:									
PROJECT:								R0:									
RSV:				-				TED BY:									
RSV DATE:								E #:									
TMO DATE:								ORY RDY DATE:									
RDY DATE:								HISTORY RID DATE:									
RID DATE:								HISTORY SCC DUE/PTD DATE:									
SCC DUE/PTD DATE:								HISTORY DUE DATE:									
DUE DATE:								HISTORY CANCEL DATE:									
COMP DATE:								CANCELED BY:									
CANCEL DATE:																	
COORDINATE WITH:																	
REMARKS:																	
COMPLETED BY:								TEST DATE:									
ORDER STATE:								TESTED BY:									

XT Summary

Introduction The XT Summary lets you search for a specific Cover Sheet or perform a general database search for all the orders in the 8950 VAM database. The result of the database queries could be used as a worklist.

Creating a Worklist of Cover Sheets You can use an XT Summary to query the 8950 VAM database and create a worklist of cover sheets. Use the following procedure:

- 1 Using the mouse pointer, select the **XT SUMMARY** option from the **SUMMARIES** Menu.

Result: The data area of the screen will become populated with the XT Summary Screen, as shown below.

Figure 9-2 XT Summary Screen

The screenshot shows a software interface with a dark red menu bar at the top containing the following items: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the menu bar is a light orange header area. On the left of this header is the text 'RLS1'. On the right is the text 'XT SUMMARY {XTSUM}'. Below the header is a data entry area. It contains the text 'TLIU5E15PCH' on the left and '5E15' on the right. In the center, it says 'LAST ACCESSED ORDER: XYZ RC: 2116 (5.1)'. Below this is a table header with the following columns: ORDER, RDY DATE, RID DATE, SCC/PTD DATE, DUE DATE, COMP DATE, and CANCEL DATE. Each column header is underlined with a dashed line. At the bottom of the screen, there is a light orange footer area containing two buttons: 'QUERY' and 'REDISPLAY'.

ORDER	RDY DATE	RID DATE	SCC/PTD DATE	DUE DATE	COMP DATE	CANCEL DATE

- Using the mouse pointer, select the **QUERY** action button.

Result: The text cursor is located at the first field.

- Enter any information you want about a known Cover Sheet, and select the **ACCEPT** action button.

Important! The **REDISPLAY** action button can be used to redisplay the customized order worklist.

Result: The screen displays a worklist of any records found matching the search criteria and indicates the number of records found. A sample screen is shown below.

Figure 9-3 XT Summary Worklist

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 XT SUMMARY {XTSUM}

5E15PCH LAST ACCESSED ORDER: XYZ RC: 2116 (5.1) 5E15

ORDER	RDY DATE	RID DATE	SCC/PTD DATE	DUE DATE	COMP DATE	CANCEL DATE
STCASE						
CH7EXAMPLE						
CH7EXAMPLEA						
CH7INSERTRC						
CH7COPY						
CH7DELETERC						
MIKETEST						
DELETERC						
XYZ						
CH7DEL						
CH7CHANGERC						
CH75ESSVERIFY						

0844: 16 found

ACCEPT NEXT PG PREV PG ORD INFO REPORTS EXIT

XT Summary Action Buttons

The following action buttons are available from the XT Summary screen:

- **ACCEPT**
Access a specific Cover Sheet.
- **NEXT PG**
Displays the next page.
- **PREV PG**
Returns to the previous page.
- **ORD INFO**
Provides status information for a specific order.
- **REPORTS**
Creates a customized report.
- **EXIT**
Closes the current operation.

.....
E N D O F S T E P S

Order Summary

Introduction The Order Summary lets you view all the orders for a specific switch. You can use the Order Summary to query the following key fields: ORDER NAME, RCV/TBL, RDY DATE, RID DATE, SCC/PTD DATE, DUE DATE, COMP DATE, and CANCEL DATE. Depending on the nature of the query, the Order Summary can be used as a tool in determining daily work activities.

Creating a Worklist of Orders You can use the Order Summary to query the 8950 VAM database and create an order worklist. Use the following procedure:

- 1** Select the **ORDER SUMMARY** option from the **SUMMARIES** menu, and perform a query on the desired key field.

Result: The result of this query is displayed as a worklist. A sample worklist is shown below.

Figure 9-4 Order Summary Worklist

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
RLSTI		ORDER SUMMARY					
ACOT4J13PCH		LAST ACCESSED	ORDER: JJGDBCOPY	RC: 14576 (5.1)	5E14		
ORDER	RCV/TBL	RDY DATE	RID DATE	SCC/PTD DATE	DUE DATE	COMP DATE	CANCEL DATE
SSS0124085352	1.6	01-24-00					
SSS0124125223	1.9	01-24-00					
SSS0124085352	1.8	01-24-00					
SSS0124085352	1.5	01-24-00					
SSS0124085352	1.46	01-24-00					
SSS0124092525	1.22	01-24-00					
SSS0124092525	1.37	01-24-00					
SSS0124092525	1.45	01-24-00					
SSS0124092525	1.46	01-24-00					
SSS0124092525	1.49	01-24-00					
SSS0124092525	1.5	01-24-00					
SSS0124092525	1.6	01-24-00					

0157: 51 found

ACCEPT
NEXT PG
PREV PG
REPORTS
MULT RC
ORD INFO
RC INFO
X COPY
EXIT

- 2 Select a specific order by moving the text cursor to the order, and then use the mouse pointer to select the **ACCEPT** action button.

Result: If you are currently accessing the order, the RC that you have positioned on is displayed. If you are currently not accessing the order, the Cover Sheet for that order is displayed, as shown below.

Figure 9-5 Cover Sheet

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI				TRANSMITTAL SHEET {COVER}				
AC0T4J13PCH				LAST ACCESSED ORDER: SSS0124085352 RC: 12259 (1.6)				5E14
*ORDER: SSS0124085352				HOSTCLLI: AC0T4J13PCH				
PROJECT: _____				DMOPRO: _____				
RSV: _____				CREATED BY: SSS				
RSV DATE: _____				PHONE #: 5555				
TMO DATE: _____				HISTORY RDY DATE: _____				
RDY DATE: 01-24-00				HISTORY RID DATE: _____				
RID DATE: _____				HISTORY SCC DUE/PTD DATE: _____				
SCC DUE/PTD DATE: _____				HISTORY DUE DATE: _____				
DUE DATE: _____				HISTORY CANCEL DATE: _____				
COMP DATE: _____				CANCELED BY: _____				
CANCEL DATE: _____								
COORDINATE WITH: _____								
REMARKS: _____								
COMPLETED BY: _____				TEST DATE: _____				
ORDER STATE: RDY				TESTED BY: _____				

- After reviewing the Cover Sheet, select the **CONTINUE** action button.

Result: The first RC in the order is displayed.

- If needed, you can modify the data on the RC.

- To display the next RC in the order, select the **NEXT RC** option from the **RC CMDS** Menu. You can display and modify, if needed, each RC in the order.

Important! You will be able to see Rejected Order from SOAPRC Upstream system.

END OF STEPS

RC Summary

Introduction The RC Summary lets you view all of the RCs in the 8950 VAM database for a specific switch. You can use the RC Summary to query on the following fields: ORDER NAME, ST, RCV/TBL, KEY, MODE, RC #, DATE and USR.

Creating a Worklist of RCs You can use the RC Summary to query the 8950 VAM database and create a worklist of RCs. Use the following procedure:

- 1 Select the **RC SUMMARY** option from the **SUMMARIES** menu, and perform a query on the desired key field.

Result: The result of this query is displayed as a worklist. A sample worklist is shown below.

Figure 9-6 RC Summary Worklist

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI RC SUMMARY {ORD}

ACOT4J13PCH LAST ACCESSED ORDER: SSS0124085352 RC: 12259 (1.6) 5E14

ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR
FDSDF	OPN	1.6	-G-00402010061-I--	C	29110	01-30-03	INT
FDSDF	OPN	1.6	-G-00402010061-I--	C	29111	01-30-03	INT
FDSDF	OPN	1.6	3132211007-----	C	29112	01-30-03	INT
MM	OPN	1.6	2254581289-----	I	29113	01-30-03	INT
66	OPN	1.5	2222222222	I	28523	01-16-03	CAO
66	XMT	1.5	4444444444	I	14099	01-14-03	CAO
66	RDY	1.5	4444444444	I	28218	01-14-03	CAO
JEM24	OPN	1.8	8162207604-----	V	14648	06-26-02	CAO
JEM24	OPN	1.8	8162207604-----	V	14649	06-26-02	CAO
JEM24	OPN	1.8	----56-1	V	14650	06-26-02	CAO
JEM24	OPN	1.8	8162201000-----	V	14652	06-26-02	CAO
JEM24	OPN	1.8	8162200000-----	V	14653	06-26-02	CAO

0157: 51 found

ACCEPT

NEXT PG

PREV PG

REPORTS

MULT RC

ORD INFO

RC INFO

X COPY

EXIT

- 2 Select a specific order by moving the text cursor to the order, and use the mouse pointer to select the **ACCEPT** action button.

Result: The RC of the order that you are currently accessing is displayed. If you are not currently accessing the order, the Cover Sheet for that order is displayed, as shown below.

Figure 9-7 Cover Sheet

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI TRANSMITTAL SHEET {COVER}								
ACOT4J13PCH				LAST ACCESSED ORDER: FDSDF RC: 29110 (1.6)				5E14
*ORDER:		FDSDF		HOSTCLLI:		ACOT4J13PCH		
PROJECT:				DMOPRO:				
RSV:		-		CREATED BY:		INT		
RSV DATE:				PHONE #:				
TMO DATE:				HISTORY RDY DATE:				
RDY DATE:				HISTORY RID DATE:				
RID DATE:				HISTORY SCC DUE/PTD DATE:				
SCC DUE/PTD DATE:				HISTORY DUE DATE:				
DUE DATE:				HISTORY CANCEL DATE:				
COMP DATE:				CANCELED BY:				
CANCEL DATE:								
COORDINATE WITH:								
REMARKS:								
COMPLETED BY:				TEST DATE:				
ORDER STATE:		OPN		TESTED BY:				
INPUT UPDATE QUERY RC SUMMARY CONTINUE RENAME								

- 3 After reviewing the Cover Sheet, select the **CONTINUE** action button.

Result: The first RC in the order is displayed.

- 4 If needed, you can modify the data on the RC.

-
- 5 To display the next RC in the order, select the **NEXT RC** option from the **RC CMDS** Menu. You can display and modify, if needed, each RC in the order.

END OF STEPS

XCOPY

Introduction The **XCOPY** action button is located on the RC Summary and Order Summary screens. You can use this option to copy orders from one switch to one or more different switches. Data is copied from the 8950 VAM database, and a pending order is created in the selected switches. To copy from switch to switch, you must be copying to the same switch type (5ESS or DMS) and the same switch generics (5E13 or NA009).

Performing a Cross Switch Copy To perform a cross switch copy, use the following procedure:

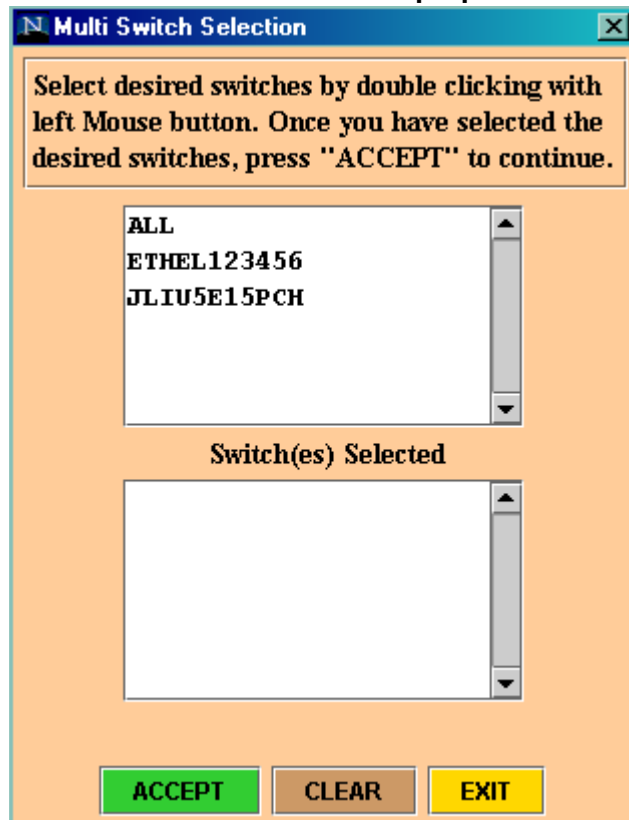
- 1 Select the **RC SUMMARY** option from the **SUMMARIES** Menu, and perform a query on the desired key field.

Result: The result of this query is displayed as a worklist.

- 2 Select the **XCOPY** action button.

Result: The following pop-up window is displayed.

Figure 9-8 Multi Switch Selection Pop-up Window



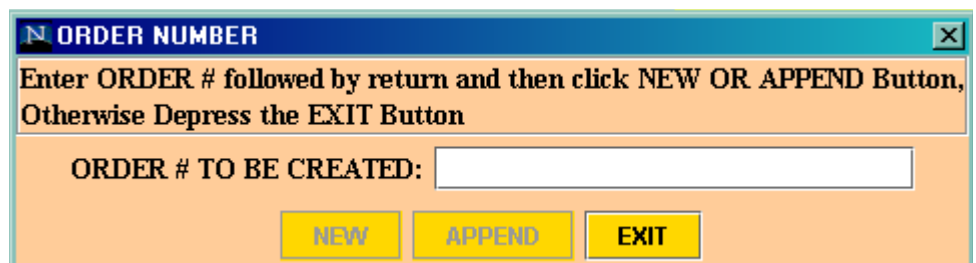
-
- 3 Using the left mouse button, double-click on the switches you would like to copy the accessed orders to.

Result: The selected switches are displayed in the box at the bottom of the pop-up window.

- 4 When you have completed selecting the switches, select the **ACCEPT** action button.

Result: The following dialog box is displayed, as shown below.

Figure 9-9 Copy Order Dialog Box



-
- 5 Enter the order name for the order you want to create or use for these RCs, and press **[ENTER]**.
-

- 6 Do one of the following:

- To create a new Cover Sheet, select the **NEW** action button.
- To append the copied information to an existing Cover Sheet, select the **APPEND** action button.

Result: The entire worklist is copied to the target switch. All the RCs in the newly created worklist will be in the OPN state and the same mode that the original RCs were in.

END OF STEPS

LIST RC-DMS Only

Introduction The **LIST RC** action button is located on the RC Summary and Order Summary screens. You can use this option to generate a LIST of RCs returned as a result of a query on either the RC or the Order Summaries. Executing the LIST RC command will produce a display of RCs contained in the summary results in a format similar to that seen in the LIST command.

Performing a LIST RC To perform a LIST RC, use the following procedure:

- 1** Select the **RC SUMMARY** option from the **SUMMARIES** Menu, and perform a query on the desired key field.

Result: The result of this query is displayed as a worklist.

- 2** Select the **LIST RC** action button.

Result: The following output is displayed.

Figure 9-10 LIST RC Output

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

EVH

LIST RC OUTPUT

NOVYRJ04PCH

DIA014

MODE TABLE DATA FIELDS

I	S_STDPRT	ABC 1 1 D VACT <
C	CLLI	EILEEN 333 24 EILEEN <UPD POWER REMARK>
C	OFRT	19 (S D CONFM) (S D T120) (S D LKOUT) <
I	OFRT	23 (S D COPP) (\$) (\$) <ANOTHER NEW ONE>
I	OFRT	91 (S D COPP) (\$) (\$) <FRED>
V	DNINV	407 484 1004 D BLDN <
I	XLNAME	CSRCT <

Formatted 20 records

NEXT PG

PREV PG

PRINT

SAVE

EXIT

LIST RC Action Buttons The following action buttons are available from the LIST RC Screen:

- **NEXT PG**
Displays records that are available on the next page.
- **PREV PG**
Returns to the previous page.
- **PRINT**
Prints the chosen record.
- **SAVE**
Saves record as a file.
- **EXIT**
Closes the current operation.

END OF STEPS.....

RSV Summary

Introduction The RSV Summary lets you list all RCs that are reserved for a specific switch.

Creating a Worklist of Reserved RCs You can use the RSV Summary to query the 8950 VAM database and create a worklist of RCs with a state of RSV. Use the following procedure:

- 1 Select the **RSV SUMMARY** option from the **SUMMARIES** Menu, and perform a general database query.

Result: The result of this query is displayed as a worklist. A sample worklist is shown below.

Figure 9-11 RSV Summary Worklist

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION						
RLS1		RSV SUMMARY				
TLIU5E15PCH	LAST ACCESSED ORDER: RSVTEST1 RC: 2120 (1.6)					5E15
ORDER	RCV/TBL	KEY	RSV DATE	TMO DATE	RC#	RSV UUID
RSVTEST1	1.6	7324445555-----	04-16-02	06-15-02	2120	RLS1
0157: 1 found						
ACCEPT NEXT PG PREV PG REPORTS EXIT						

- 2 Select a specific order by moving the text cursor to the order, and use the mouse pointer to select the **ACCEPT** action button.

Result: If you are currently accessing the order, the RC that you have positioned on is displayed. If you are currently not accessing the order, the Cover Sheet for that order is displayed, as shown below.

Figure 9-12 First RC in the Order

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLS1		COMPOSITE LINE (LINE ASSIGNMENT) {1.6}				Page 1 of 5		
JLIU5E15PCH		LAST ACCESSED ORDER: RSVTEST1 RC: 2120 (1.6)					5E15	
RC MODE: I		ORDER: RSVTEST1						
(*)1. TN	7324445555	18. MFRI	N	30. BRCS	N			
(*)2. OE	-	19. BTN (NOT=TN)	-	31. BAUTO	N			
(*)5. PTY	-	MULTIDN	N	32. SHARED	N			
(*)6. MLHG	-	DEPENDN	-	33. SAUTO	N			
(*)7. MEMB	-	22. RAX	-	34. FLS	N			
		23. LCC	-	35. SUSO	N			
9. CHNG TN	7324445555	LATA	-	36. SUST	N			
10. CHNG OE	-	25. COIN	N	37. ICP	N			
13. CHNG PTY	-	26. GST	N	38. RTI	-			
14. CHNG MLHG	-	27. EL	N	HRI	-			
15. CHNG MEMB	-	28. SERHLN	-	40. BCK LNK	N			
16. NEW TN	-	29. TTC	N	41. NODL	N			

- 3 After reviewing the Cover Sheet, select the **CONTINUE** action button.

Result: The first RC in the worklist is displayed.

- 4 To display the next RC in the worklist, select the **NEXT RC** option from the **ORD CMDS** Menu. You can display each RC in the order.

END OF STEPS

UUID Summary

Introduction The UUID Summary lets you internally track different users that manipulate RCs.

Querying on the UUID Summary You can use the UUID Summary to perform a query of the 8950 VAM database. Use the following procedure:

- 1 Select the **UUID SUMMARY** option from the **SUMMARIES** Menu, and perform a query on a specific range of RC numbers.

Result: The result of this query is displayed in the text portion of the screen. A sample screen is shown below.

Figure 9-13 UUID Summary Screen

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION								
RLS1		UUID SUMMARY {UUID}						
JLIU5E15PCH		LAST ACCESSED ORDER: RSVTEST1 RC: 2120 (1.6)						5E15
RCV/TBL	RC#	UUID#1	DATE#1	UUID#2	UUID#3	UUID#4	UUID#5	DATE#5
10.36	1588	RLS1	04-16-02					
15.1	1589	RLS1	04-16-02					
15.10	1590	RLS1	04-16-02					
15.10	1591	RLS1	04-16-02					
15.10	1592	RLS1	04-16-02					
15.10	1593	RLS1	04-16-02					
15.10	1594	RLS1	04-16-02					
15.10	1595	RLS1	04-16-02					
15.10	1596	RLS1	04-16-02					
15.10	1597	RLS1	04-16-02					
15.10	1598	RLS1	04-16-02					
15.10	1599	RLS1	04-16-02					
0845: 1593 found								

ACCEPT

NEXT PG

PREV PG

REPORTS

EXIT

In the sample screen, the first user (UUID #1) is the creator of the RC, and the fifth user (UUID #5) is the user who successfully sent the RC to the switch. Up to three intermediate users are tracked as having requested alteration to the RC. The date fields are the creation (DATE #1) and completion (DATE #5) dates of the RC.

- 2** After reviewing the UUID Summary Screen, select the **ACCEPT** action button.

Result: The view or table that corresponds to the selected RC is displayed.

- 3** Make any necessary changes to the RC that may be needed.

END OF STEPS

Reject Summary

Introduction The Reject Summary lets you see a listing of all rejected RCs for a specific switch. You can use an REJ Summary to query on the following fields: DATE, RC#, MD, RCV/TBL, and REJECT MESSAGE.

Creating a Worklist of Rejected RCs You can use the Reject Summary to query the 8950 VAM database and create a worklist of rejected RCs. Use the following procedure:

- 1 Using the mouse pointer, select the **REJECT SUMMARY** option from the **SUMMARIES** Menu.

Result: The data area of the screen is populated with the Reject Summary Screen, as shown below.

Figure 9-14 Reject Summary Screen

The screenshot displays the Reject Summary Screen. At the top is a dark red menu bar with the following options: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the menu bar is a white title bar with the text "RLS1" on the left and "LIST of REJ MESSAGES {REJ}" on the right. Under the title bar is a data entry line with the text "JLIU5E15PCH" on the left, "LAST ACCESSED ORDER: RSVTEST1 RC: 2120 (1.6)" in the center, and "5E15" on the right. Below the data entry line is a table header with the following columns: DATE, RC#, MD, RCV/TBL, and REJECT MESSAGE. The table header is followed by a dashed line. At the bottom of the screen is a large orange rectangular area containing a button labeled "QUERY".

-
- 2 Using the mouse pointer, select the **QUERY** action button.

Result: The text cursor is located at the first field.

- 3 Enter any data to be used as search criteria for the query, and select the **ACCEPT** action button.

Result: The screen displays a worklist records that match the search criteria and indicates the total number of records found. A sample screen is shown below that indicates no records were found with a reject message.

Figure 9-15 Rejected Summary Worklist

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 LIST of REJ MESSAGES {REJ}

JLTIU5E15PCH LAST ACCESSED ORDER: RSVTEST1 RC: 2120 (1.6) 5E15

DATE	RC#	MD RCV/TBL	REJECT MESSAGE:

0314: 0 entries found

QUERY

Reject Summary Action Buttons

The following action buttons are available from the Reject Summary Screen:

- **NEXT PG**

Displays records that are available on the next page.

- **PREV PG**
Returns to the previous page.
- **REPORTS**
Creates a customized report.
- **REJ INFO**
Displays rejected messages from the switch.
- **EXIT**
Closes the current operation.

.....
E N D O F S T E P S

RC Log

Introduction The RC Log displays a list of all RC's that have been sent to a specific switch and displays date, time, and status information. You can use the RC Log to query on the following fields: RC #, DATE, and TIME.

Creating a Log of RCs You can create the RC Log by querying the 8950 VAM database and displaying a list of RCs and their status. Use the following procedure:

- 1 Using the mouse pointer, select the **RC LOG** option from the **SUMMARIES** Menu.

Result: The data area of the screen is populated with the RC Log Screen, as shown below.

Figure 9-16 RC Log Screen

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1

RC LOG {LOG}

JLIU5E15PCH

LAST ACCESSED

ORDER: RSVTEST1 RC: 2120 (1.6)

5E15

RC#

DATE

TIME

QUERY

-
- 2 Using the mouse pointer, select the **QUERY** action button.

Result: The text cursor is located at the first field.

- 3 Enter any data to be used as search criteria for the query, and select the **ACCEPT** action button.

Result: The screen displays a list of any records found matching the search criteria and indicates the number of records found. A sample screen is shown below.

Figure 9-17 Results of an RC Log Query

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 RC LOG {LOG}

RC#	DATE	TIME
528	07-10-01	15:34:22
E0875: Link to switch down, RC will be resent when link is up		
503	07-10-01	15:19:18
E0875: Link to switch down, RC will be resent when link is up		
497	07-10-01	14:19:34
E0875: Link to switch down, RC will be resent when link is up		
496	07-10-01	14:19:28
E0875: Link to switch down, RC will be resent when link is up		
495	07-10-01	14:19:22
E0875: Link to switch down, RC will be resent when link is up		

0131: 62 entries found

NEXT PG PREV PG REPORTS EXIT

RC Log Action Buttons

The following action buttons are available from the Reject Summary screen:

- **NEXT PG**

Displays records that are available on the next page.

- **PREV PG**
Returns to the previous page.
- **REPORTS**
Creates a customized report.
- **EXIT**
Closes the current operation.

END OF STEPS

Call Trace-5ESS Only

Introduction You can use Call Trace to simulate the path of a call through various switch views using the 8950 VAM shadow database. You can specify a destination telephone number and such parameters as the originating line class code and rate area, and then trace through all necessary views to determine the route and billing treatment for the call. Reports are generated to indicate the views traversed during the call trace.

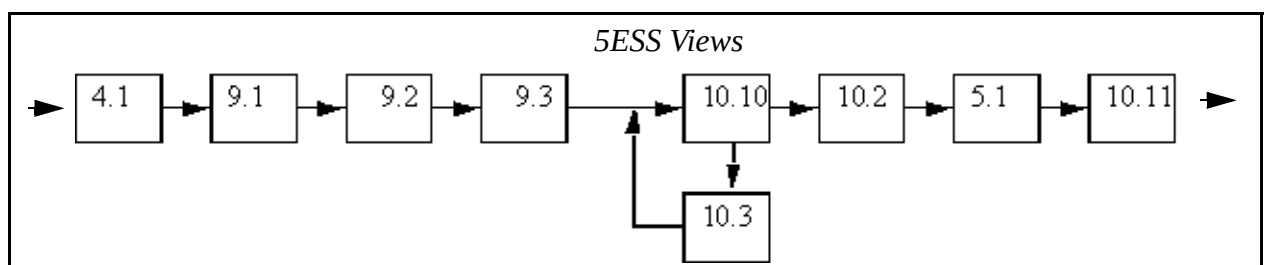
Call Trace Specifications You can perform call traces for the following:

- Existing 5E13, 5E14, and 5E15 5ESS switch generics.
- 7 and 10 digit local intralata and interlata calls only. Call Trace will not be available for such special calls as 911.
- The office CLLI to which the user is connected when the request is received.

Error Message Type During the Call Trace process, the following error messages will terminate the trace:

- Database Record not found.
- Parameter needed to continue.
- Call type must be NORMAL, CONFLCT or FAT.
- Record not found with call type LDIT or COMB.

Figure 9-18 Call Trace Execution Sequence



Input Parameters
Prefix (optional)
PIC (optional)
NPA (NPA or NXX required)
NXX (NPA or NXX required)

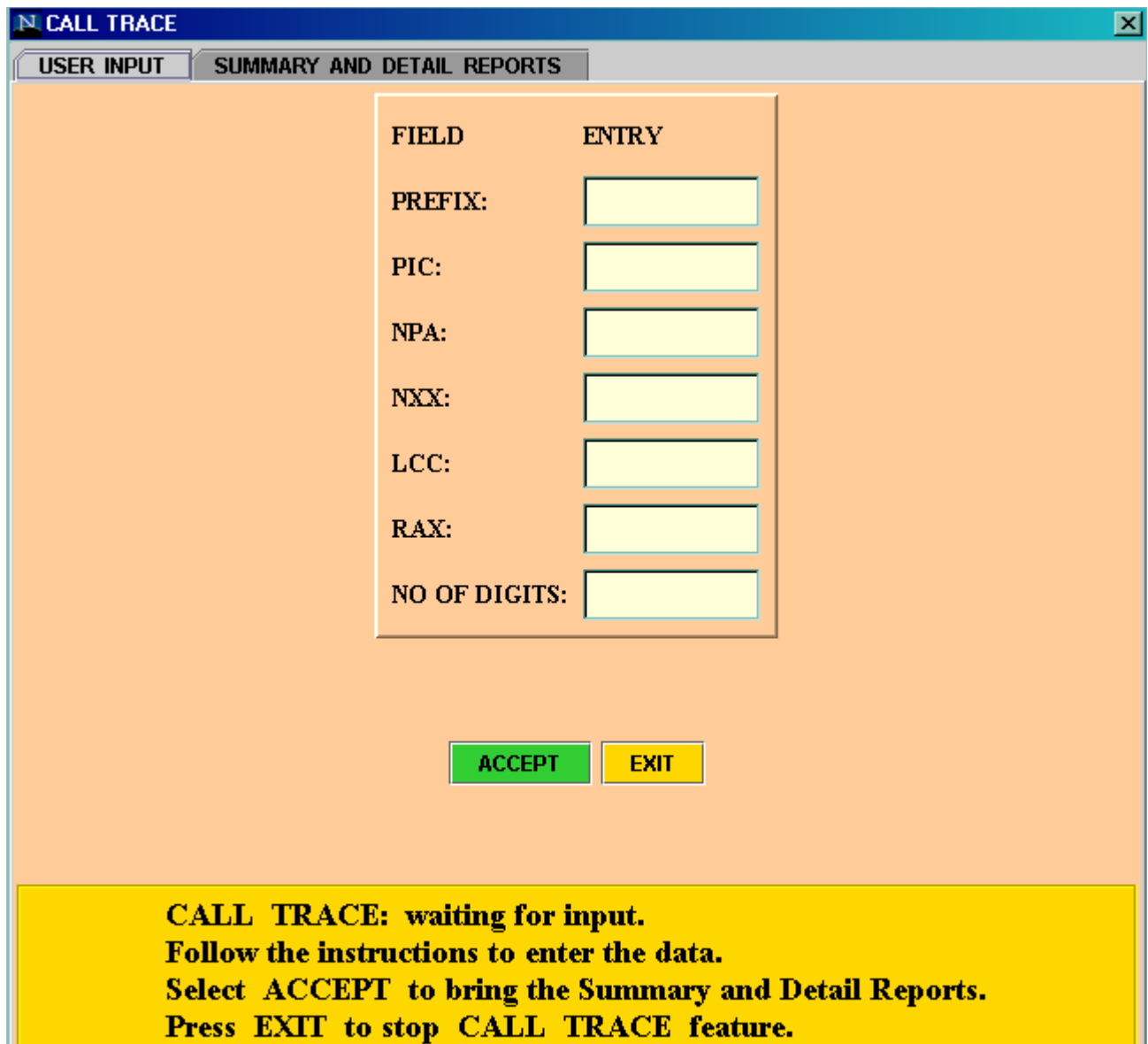
Input Parameters
LCC (required)
RAX (required)
No. of Digits (required)
Output Parameters
RTI
AMATYPE
TGN
OFFCODE

Performing a Call Trace To perform a call trace, use the following procedure:

- 1 Move the cursor over the **SUMMARIES** portion of the menu bar, and then select the **CALL TRACE** option.

Result: The Call Trace Input Parameter window appears as shown below. Validity checks of the Parameter will be done. If an error is encountered, valid entries are required to continue.

Figure 9-19 Call Trace Input Parameters



FIELD	ENTRY
PREFIX:	
PIC:	
NPA:	
NXX:	
LCC:	
RAX:	
NO OF DIGITS:	

ACCEPT **EXIT**

**CALL TRACE: waiting for input.
Follow the instructions to enter the data.
Select ACCEPT to bring the Summary and Detail Reports.
Press EXIT to stop CALL TRACE feature.**

- 2 Enter the call trace input parameters, and select the **ACCEPT** action button.

Result: As each view is accessed in turn during the call trace, the number and name of the view will be displayed on the terminal screen. Also, the keys used to access the view and any fields obtained from the view that will be used in subsequent processing will be displayed.

Call Trace Results

Once the call trace is completed, the user will have the following options:

- **SAVE**

Saves the displayed report in the directory specified by the path */rc/data/aco/logs/<user directory>*. Select the type of report to save (SUMMARY or DETAIL), enter the name of the file in which to save the report, and press the **SEND** button.

An example of a report is shown in the illustration that follows.

- **PRINT**

Prints the SUMMARY or DETAIL report to a local line printer. Select the SUMMARY or DETAIL report from the **PRINT** button, and the job will be sent.

- **SUMMARY**

Displays only the call trace summary report on the screen. The summary report contains a summary of all the information for the records processed.

- **DETAIL**

Displays only the call trace detailed report on the screen. The detailed report contains a copy of every record retrieved during processing.

- **BOTH**

Displays both the SUMMARY and DETAIL reports on the screen, as shown in the illustration that follows. This is the format of the first report screen displayed.

- **EXIT**

Closes and returns back to the Call Trace Input Parameters Screen.

- **REVIEW**

Displays the last Call Trace run.

Figure 9-20 Call Trace Report

The screenshot shows a window titled "CALL TRACE" with two tabs: "USER INPUT" and "SUMMARY AND DETAIL REPORTS". The "SUMMARY AND DETAIL REPORTS" tab is active, displaying two sections: "SUMMARY REPORT" and "DETAIL REPORT". Both sections show the same information: a timestamp "2002-04-16 17:58:16", "USER ID: RLS1", "OFFICE: JLIU5E15PCH", and "Input Parameters --" with values "PREFIX:", "PIC:", "NPA:", and "NXX: 200". The "DETAIL REPORT" section also shows "LCC: 200" at the bottom. At the bottom of the window, there are buttons for "SAVE", "PRINT", "SUMMARY", "DETAIL", "BOTH", and "EXIT".

CALL TRACE

USER INPUT **SUMMARY AND DETAIL REPORTS**

SUMMARY REPORT

CALL TRACE SUMMARY REPORT

2002-04-16 17:58:16 USER ID: RLS1 OFFICE: JLIU5E15PCH

Input Parameters --

PREFIX:
PIC:
NPA:
NXX: 200

DETAIL REPORT

CALL TRACE DETAIL REPORT

2002-04-16 17:58:16 USER ID: RLS1 OFFICE: JLIU5E15PCH

Input Parameters --

PREFIX:
PIC:
NPA:
NXX: 200
LCC: 200

SAVE PRINT SUMMARY DETAIL BOTH EXIT

END OF STEPS

10 Creating an Order Using a Linked View or Table

Overview

Purpose The concept of Linked Views/Tables is to group required views/tables together in the correct sequence for specific, frequently used or difficult services, in an easily accessible menu.

Objectives This chapter provides information to perform the following:

- Describe the concept of a Linked View/Table.
- Describe the highlights of the Linked View/Table feature.
- Describe the steps needed to create a Centrex 5ESS and DMS Order.

The following topics are included in this chapter.

Linked Views/Linked Tables Highlights	10-3
Creating Orders Using Linked Views	10-5
Creating an Order using Linked Views	10-9
Linked Views Breakdown	10-10
Creating Orders Using Linked Tables	10-11
Creating an Order using Linked Tables	10-14
Linked Tables Breakdown	10-16
User Customization Introduction	10-20
Link Builder - STAFF ONLY	10-21
Intelligent Defaults - STAFF ONLY	10-34
Link Defaults - STAFF ONLY	10-41



.....

Key data fields that are common from one view/table to the next are automatically transferred from the initial view/table to each view/table thereafter.

The **SKIP** action button allows you to skip over the currently displayed view/table and move to the next view/table in the linked scenario. This feature is available on select views/tables.

The **REPEAT** action buttons lets you add another view/table you just added.



Creating Orders Using Linked Views

Introduction Selecting the Linked Views option lets you create a group of specific RCs together to accomplish a given task. The following section will illustrate the steps required to add a new Centrex service for a customer using the Linked Views feature in 8950 VAM. This is a two step process. The steps are:

1. [Creating a Cover Sheet](#)
2. [Selecting a Linked View](#)

Creating a Cover Sheet Creating a Cover Sheet will be the first step performed to accomplish the above task.

- 1 Login to the 8950 VAM system and select the **COVER SHEET** option from the **ORDER CMDS** Menu.
-

- 2 Select the **INPUT** action button.

Result: The following screen will be displayed.

Figure 10-2 Cover Sheet

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION			
RLS1		TRANSMITTAL SHEET {COVER}	
JLIU5E15PCH		5E15	
*ORDER:	LINKED VIEWS	HOSTCLLI:	JLIU5E15PCH
PROJECT:		DMOPRO:	
RSV:		CREATED BY:	RLS1
RSV DATE:		PHONE #:	
TMO DATE:		HISTORY RDY DATE:	
RDY DATE:		HISTORY RID DATE:	
RID DATE:		HISTORY SCC DUE/PTD DATE:	
SCC DUE/PTD DATE:		HISTORY DUE DATE:	
DUE DATE:		HISTORY CANCEL DATE:	
COMP DATE:		CANCELED BY:	
CANCEL DATE:			
COORDINATE WITH:			
REMARKS:			
COMPLETED BY:		TEST DATE:	
ORDER STATE:		TESTED BY:	
Enter a Project name/number (up to 15 characters).			
ACCEPT		EXIT	

- 3 Enter the appropriate data.

- 4 Select the **ACCEPT** action button.

Result: The created order will be in the 8950 VAM database and automatically be put in the **OPN** state.

Selecting a Linked View To select a 5ESS linked view, perform the following:

- 5 Select the **LINKED VIEWS** menu

Result: A pull-down menu displays all the available services.

- 6 Select the **CENTREX** option from the **LINKED VIEWS** Menu. The text portion of the screen is populated with the first view in the list, the 9.10

view. Press the **INPUT** action button and enter an **I** for the Insert RC mode.

- 7** Enter the appropriate data.
-

- 8** Select the **ACCEPT** action button.

Result: The text portion of the screen is populated with the next view in the list (9.12). 8950 VAM automatically brings key data that is common from one view to the next.

Important! There are instances when it may be necessary to repeat an individual view within a set of linked views more than once. For a listing of the repeatable views, refer to the Link Builder. An example of this is building a CENTREX. There may be more than one occurrence of a 9.12 for a single occurrence of a 9.10. When this condition exists for a given view, a dialog box is displayed. You will decide whether another occurrence of the currently displayed view is needed.

- 9** Enter data in the next view.
-

- 10** Select the **ACCEPT** action button.

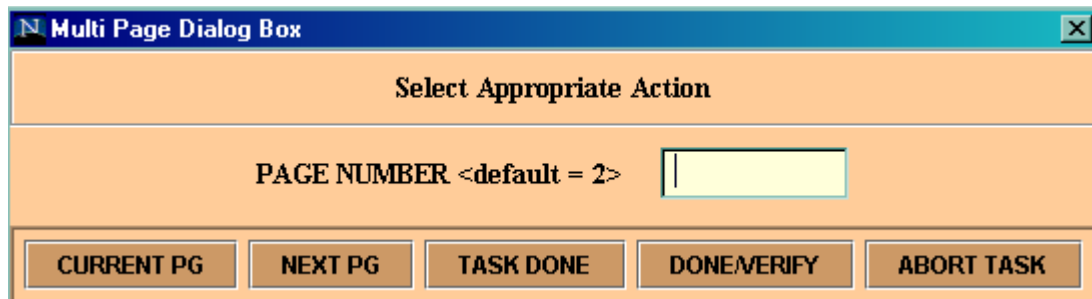
Result: The text portion of the screen is displayed with the 9.13 View.

- 11** Enter the appropriate data.
-

- 12** Select the **ACCEPT** action button.

Result: 8950 VAM prompts you to specify a page number or choose the previous/next pages.

Figure 10-3 Multi Page Dialog Box



-
- 13** Select one of the action buttons depending on which course of action you desire.
-
- 14** When you are finished entering data, select **NO** at the occurrence dialog box.

Result: You are now in the position to move this order from the “OPN” state to the “RDY” state.

END OF STEPS

Creating an Order using Linked Views

Example Table 10-1 Example for CENTREX

Step 1	Create a Transmittal Sheet: Select COVER SHEET from the ORDER CMDS Menu.
Step 2	Select a Service from the LINKED VIEWS Menu (CENTREX).
Step 3	Enter appropriate data into View 9.10 (Enter Key and Non-Key fields).
Step 4	Review and Save Data: Point and Click ACCEPT Action Button.
Step 5	Enter the appropriate data into View 9.12 (Enter Key and Non-Key fields).
Step 6	Review and Save Data: Point and Click ACCEPT Action Button.
Step 7	Enter appropriate data into View 9.13 (Enter Key and Non-Key fields).
Step 8	Review and Save Data: Point and Click ACCEPT Action Button.
Step 9	Ready the Order: Select READY ORDER from the ORDER CMDS Menu.



Linked Views Breakdown

Views Breakdown An asterisk (*) signifies a view that may be repeated.
 A pound (#) signifies a view that may be skipped.

CENTREX	ARS	NID/CLU	IEC
9.10	#10.5	15.12	#*10.10
*9.12	9.20	*15.9	10.3
*9.13	12.11		*9.7
	#7.3		
	10.4		
	10.6		
	*9.21		

Trunk Group

BASIC	DSU2-RAF	TYPE 2 RADIO COMMON CARRIER
5.1	5.1	5.1
*5.5	*5.5	*5.5
*10.2	*10.2	*10.2
ANNOUNCEMENTS	SS7 MESG TRUNKS-END OFFICE	
5.1	5.1	
*5.5	*5.5	
*10.2	*10.2	
SS7 MESG TRUNKS-IC	TIE LINE FEX	DID TG
5.1	5.1	5.1
*5.5	*5.5	*5.5
*10.2	*10.2	*10.2
		4.14



Creating Orders Using Linked Tables

Introduction Selecting the Linked Tables option lets you create a group of specific RCs together to accomplish a given task. The following section illustrates the steps required to add a new Centrex service for a customer using the Linked Tables feature in 8950 VAM. This is a two step process. The steps are:

1. [Creating a Cover Sheet](#)
2. [Selecting a Linked Table](#)

Creating a Cover Sheet Creating a Cover Sheet is the first step required to accomplish the above task.

1 Login to the 8950 VAM system and select the **COVER SHEET** option from the **ORDER CMDS** Menu.

2 Select the **INPUT** action button.

3 Enter the appropriate data.

4 Select the **ACCEPT** action button.

Result: The created order is inserted into the 8950 VAM database and is automatically marked in the OPN state.

Selecting a Linked Table To select a DMS linked table, perform the following:

5 Select the **IBN BASIC** option from the **LINKED TABLES** Menu, and then select the **BASIC** option.

Result: The text portion of the screen is populated with the first table in the list, XLANAME.

6 Press the **INPUT** action button and enter an **I** for the Insert RC mode.

-
- 7 Some tables may be displayed repeatedly whereas some tables are displayed only once. When this condition exists for a given table, you will see the **SKIP** action button at the bottom of the screen, as shown below. You will decide whether another occurrence of the currently displayed table is needed. In order to include a table you have already skipped, you must add it to the existing order.

Figure 10-4 IBN Digit Collection Table

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT **IBN Digit Collection Table {DIGCOL}** **1 of 1**
VSOSNA14SPK **LAST ACCESSED ORDER: BOBLINKTEST** **NA014**

RC MODE: I ▼

*DATNAME:

FIELD VALIDATION:

RC:

ACCEPT **SKIP** **ABORT**

-
- 8 Enter the appropriate data and then select the **ACCEPT** action button.

Result: The text portion of the screen will be populated with the next table in the list (CUSTENG).

-
- 9 While bringing up the next table, 8950 VAM automatically brings key data that is common from one table to the next. This line is the data that is sent to the switch. Selectors (key fields) will bring up the supported

non-key fields, and then 8950 VAM will step you through the required fields for that selector. In 8950 VAM there are many non-key fields that are considered continuation fields; OPTION is one continuation field. 8950 VAM presents continuation fields to the user until a dollar sign (\$) is entered. This indicates that all values for the field have been satisfied. The 8950 VAM application advances to the next appropriate function.

Important! There are instances when it may be necessary to repeat an individual table within a set of linked tables more than once. For a listing of the repeatable tables, refer to Link Builder. An example of this is building a IBN BASIC.

-
- 10** The text portion of the screen is displayed with the DIGCOL table. Enter the appropriate data.
-

- 11** Select the **ACCEPT** action button. Repeat for the rest of the tables.

Result: You can now change this order from “OPN” to “RDY”.

END OF STEPS

Creating an Order using Linked Tables

Example Table 10-2 Example of IBN BASIC

Step 1	Create a Transmittal Sheet: Select COVER SHEET from the ORDER CMDS Menu.
Step 2	Select a Service from the LINKED TABLES Menu (IBN-BASIC).
Step 3	Enter appropriate data into the XLANAME Table (Enter Key and Non-Key fields).
Step 4	Review and Save Data: Point and Click ACCEPT Action Button.
Step 5	Enter the appropriate data into the CUSTENG Table (Enter Key and Non-Key fields).
Step 6	Review and Save Data: Point and Click ACCEPT Action Button.
Step 7	Enter appropriate data into the DIGCOL Table (Enter Key and Non-Key fields).
Step 8	Review and Save Data: Point and Click ACCEPT Action Button.
Step 9	Enter appropriate data into the CUSTHEAD Table (Enter Key and Non-Key fields).
Step 10	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 11	Enter appropriate data into the CUSTSTN Table (Enter Key and Non-Key fields).
Step 12	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 13	Enter appropriate data into the CUSTCONS Table (Enter Key and Non-Key fields).
Step 14	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 15	Enter appropriate data into the IBNTREAT Table (Enter Key and Non-Key fields).
Step 16	Review and Save Data: Point and Click the ACCEPT Action Button.

Step 17	Enter appropriate data into the NCOS Table (Enter Key and Non-Key fields).
Step 18	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 19	Enter appropriate data into the IBNXLA Table (Enter Key and Non-Key fields).
Step 20	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 21	Enter appropriate data into the CUSTANN Table (Enter Key and Non-Key fields).
Step 22	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 23	Enter appropriate data into the SUBGRP Table (Enter Key and Non-Key fields).
Step 24	Review and Save Data: Point and Click the ACCEPT Action Button.
Step 25	Ready the Order: Select READY ORDER from the ORDER CMDS Menu.



Linked Tables Breakdown

Tables Breakdown An asterisk (*) signifies a table that may be repeated.

A pound (#) signifies a table that may be skipped.

DID Trunk Group	SMDR-P	ANNC
CLLI	CRSFMT	CLLI
TRKGRP (TO)	CRSMAP	DRAMS
TRKSGRP	CUSTSMDR	ANNS
*TRKMEM#	DIRPOOL	ANNMEMS
OFRT	DIRPSSYS	AUDIO
DNROUTE	STREAM	DRAMTRK
	MPC	
	MPCLINK	
	NOPADDR	
	NOPAPPLN	

NEW CODE

7D LOCAL	7D ZUM	7D TOLL	10D INTER	10D INTRA	10D TOLL
*HNPACODE#	*HNPACODE#	*HNPACODE#	*FNPACODE#	*FNPACODE#	*FNPACODE#
*CLSVSCR#	*LCASCR#		*OWATZONE#	*OWATZONE#	
*LCASCR#	*MUMRTAB#		*LATAXLA#	*LCASCR#	
*MUMRTAB#			*MUMRTAB#		
			*LCASCR#		

IBN

BASIC	ARS	ACD	CONSOLE
*XLANAME#	*VIRTGRPS#	*ACDMISPL#	CLLI
CUSTENG	*DIGMAN#	*ACDMISSP#	*CUSTCONS#
*DIGCOL#	IBNRTE#	*ACDGRP#	SUBGRP
CUSTHEAD	HNPACONT	*ACDRTE#	ATTCONS

BASIC	ARS	ACD	CONSOLE
*CUSTSTN#	*H_RTEREF#	*ACDSGRP#	*FNMAP#
CUSTCONS#	*HNPACODE#	*ACDLOGIN#	*ICIDATA#
*IBNTREAT#	*F_FNPASTS#	MPC	*DNROUTE#
*NCOS#	*F_F_RTEREF#	MPCLINK	
*IBNXLA#	*F_F_STSCODE#	NOPADDR	
CUSTANN#	LINEATTR	*DNROUTE#	
SUBGRP#	*DNROUTE#	*DNATTRS#	

NEW IEC

BASIC	EAFR	EACN	EAOW	EAHM	CCBI
OCCNAME	STDPRCTCT	STDPRCTCT	STDPRCTCT	STDPRCTCT	STDPRCTCT
OCCINFO	STDPRCT#	STDPRCT#	STDPRCT#	STDPRCT#	STDPRCT#
*CKTDIGIT#					
CICSIZE4#					
COPT	HOSP	R6BI	E800	PRIMARY	CAC
STDPRCTCT	STDPRCTCT	STDPRCTCT	STDPRCT#	STDPRCT#	STDPRCT#
STDPRCT#	STDPRCT#	STDPRCT#			

MF TRUNK GROUP

ATC	IT	T2	TI	TO
CLLI	CLLI	CLLI	CLLI	CLLI
TRKGRP (ATC)	TRKGRP (IT)	TRKGRP (T2)	TRKGRP (TI)	TRKGRP (TO)
TRKSGRP	TRKSGRP	TRKSGRP	TRKSGRP	TRKSGRP
*TRKMEM#	*TRKMEM#	*TRKMEM#	*TRKMEM#	*TRKMEM#
*OFRT#	*OFRT#	*OFRT#	*OFRT#	*OFRT#
*H_RTREF#	*H_RTREF#	*H_RTREF#	*H_RTREF#	*H_RTREF#
*F_RTREF#	*F_RTREF#	*F_RTREF#	*F_RTREF#	*F_RTREF#
*IBNRTE#	*IBNRTE#	*IBNRTE#	*IBNRTE#	*IBNRTE#
PX	IBNT2	IBNTI	IBNTO	
CLLI	CLLI	CLLI	CLLI	
TRKGRP (PX)	TRKGRP (IBNT2)	TRKGRP (IBNTI)	TRKGRP (IBNTO)	
TRKSGRP	TRKSGRP	TRKSGRP	TRKSGRP	
*TRKMEM#	*TRKMEM#	*TRKMEM#	*TRKMEM#	
*OFRT#	*OFRT#	*OFRT#	*OFRT#	
*H_RTREF#	*H_RTREF#	*H_RTREF#	*H_RTREF#	
*F_RTREF#	*F_RTREF#	*F_RTREF#	*F_RTREF#	
*IBNRTE#	*IBNRTE#	*IBNRTE#	*IBNRTE#	

SS7 TRUNK GROUP

ATC	IT	T2
CLLI	CLLI	CLLI
TRKGRP (ATC)	TRKGRP (IT)	TRKGRP (T2)
TRKSGRP	TRKSGRP	TRKSGRP
*C7 TRKMEM#	*C7 TRKMEM#	*C7 TRKMEM#
ISUPDEST	ISUPDEST	ISUPDEST
C7RTESET	C7RTESET	C7RTESET
*OFRT#	*OFRT	*OFRT#
*H_RTREF#	*H_RTREF	*H_RTREF#
*F_RTREF#	*F_RTREF#	*F_RTREF#
TI	TO	PX
CLLI	CLLI	CLLI
TRKGRP (T1)	TRKGRP (TO)	TRKGRP (PX)
TRKSGRP	TRKSGRP	TRKSGRP
*C7 TRKMEM#	*C7 TRKMEM#	*C7 TRKMEM#
ISUPDEST	ISUPDEST	ISUPDEST
C7RTESET	C7RTESET	C7RTESET
*OFRT#	*OFRT#	*OFRT#
*H_RTREF#	*H_RTREF#	*H_RTREF#
*F_RTREF#	*F_RTREF#	*F_RTREF#



User Customization Introduction

Overview	Linked Views and Linked Tables can only be built by STAFF ONLY workgroup members. Once you have entered your Linked View or Linked Table scenario, they are propagated on the GUI via the UPDATE MENU command. Linked Views and Linked Tables are created with the LINK BUILDER.
User Customization	This option can be found by selecting the ADMIN menu bar option. This option has 3 submenus (STAFF ONLY): • Link Builder • Intelligent Defaults • Link Defaults
Link Builder	This option lets you build new linked view/linked table scenarios. You can also change or delete linked scenarios. For more information see, Link Builder .
Intelligent Defaults	This option lets you update or delete existing intelligent default values. For more information see, Intelligent Defaults - STAFF ONLY .
Link Defaults	This option lets default values be added and/or passed from one view/table to another. For more information, see Link Defaults - STAFF ONLY. Important! Although some fields in DMS tables may accept up to 38 characters, both Intelligent Defaults and Link Defaults limit the size of the default value to 32.



ADD

Adds a new linked view or linked table scenario. To perform an add, see [Add Procedure](#).

CHANGE

Changes the REP, SKP, FLAG MESSAGE, and FNL fields of an existing linked scenario. To perform a change see, [Change Procedure](#).

DELETE

Deletes an existing linked scenario; one row at a time. To perform a delete, see [Delete Procedure](#).

RULES

This option enters in the default values or pass thru values for specific views or tables. To perform a rules update, see [Default Rules Procedure \(5ESS\)](#) or [Pass Thru Rules Procedure](#).

Default Rules—The **RULES** action button lets the builder create defaults for a linked view/table. Selecting the **RULES** action button places the builder on the current view/table and displays any vendor or customer default data, which may be overridden. Defaults entered for the linked view/linked table have the highest priority. Vendor and customer defaults should be blanked out when defining linked view/table defaults to avoid storing a vendor default as a linked view/table default.

Pass Thru Rules—Pass Thrus are defined within the PASS THRU RULE pop-up window. They are the field values that are “passed thru” from one view/table to another. Pass Thrus only apply to views/tables when creating Inserts.

UPDATE MENU

This option applies linked views/tables to the 8950 VAM menu.

Query Procedure To query for the new values, perform the following:

.....

- 1 Select the **QUERY** action button.

.....

- 2 Select the **ACCEPT** action button.

Result: This will display all the link scenarios in the system.

.....
E N D O F S T E P S
.....

Add Procedure Perform the following procedure to add new entries:

Important! In order for each view/table to appear automatically in a defined sequence, use the same Link Name and Casc Name and specify a unique sequence number (SEQ) that determines when the view/table appears.

1 Select the **ADD** action button.

2 Enter in the values of the linked scenario you would like to create. The following fields are required.

LINK NAME

Name of Linked Views or Linked Tables that will appear on the menu. This entry cannot be changed.

CASC NAME

Name that will appear on the linked views or linked tables cascaded menu. Used to group sets of common functionality together under one linked view/table name.

SEQ

Sequence of the view/table in the linked scenario. Typically, it is a good idea to leave gaps in the sequence numbering. This way, additional views/tables can be inserted into the middle of an existing linked scenario.

VIEW/TABLE

Name of the view/table to be used in the linked scenario.

REP

Repeat this view or table in the linked scenario; Y or N.

SKP

Skip this view or table in the linked scenario. This will only appear the first time the view or table is accessed; Y or N.

FLAG MESSAGE

Message to appear when working on view/table in the linked scenario.

FNL

Finished with building the linked scenario; ready to be placed on the APX menu; Y or N.

- 3 Once you have completed the linked scenario, press the **ACCEPT** action button.

END OF STEPS

Change Procedure To change an entry, perform the following:

- 1 Select the **CHANGE** action button.
- 2 Select the **ACCEPT** button without entering a linked view or table.

Result: All the linked views or tables are displayed in the Link Builder window as shown.

Figure 10-6 Link Builder

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
INT		LINK BUILDER					
5E16DITMULT							5E16
		S		R S			F
		E		E K			N
LINK NAME	CASC NAME	Q	VIEW/TABLE	P P	FLAG MESSAGE		L
ARS	ARS1	1	10.5	N Y			Y
ARS	ARS1	3	9.20	N N			Y
ARS	ARS1	5	12.11	N N			Y
ARS	ARS1	7	7.3	N Y			Y
ARS	ARS1	9	10.4	N N			Y
ARS	ARS1	11	10.6	N N			Y
ARS	ARS1	13	9.21	Y N			Y
CENTREX	C1	1	9.10	N N			Y
CENTREX	C1	3	9.12	Y N			Y
CENTREX	C1	5	9.13	Y N			Y
10 record(s) found.							
ACCEPT NEXT PG PREV PG EXIT							

-
- 3 Place the cursor over the entry to be changed, make the necessary changes. Only the REP, SKP, FLAG MESSAGE, and FNL fields can be modified.
-

- 4 Select the **ACCEPT** action button.

END OF STEPS

Delete Procedure To delete an entry, perform the following:

- 1 Select the **DELETE** action button
-

- 2 Select the **ACCEPT** action button.

Result: The Link Builder window is displayed, as shown above.

- 3 Place the cursor over the entry to be deleted, and press the **DELETE ROW** action button.

Result: The LINK BUILDER Message pop-up window will be displayed.

- 4 Press the **YES** action button to delete the record, or press **NO** to not delete the record.

END OF STEPS

**Default Rules Procedure
(5ESS)**

To enter in the default link builder rules, perform the following:

- 1 Select the **RULES** action button.
-

- 2 Select the **ACCEPT** action button.

- 3 Place the cursor on to the record that you would like to apply a rule to, and press the **ENTER RULES** action button.

Result: You will be brought to the view listed in the VIEW/TABLE field.

- 4 Enter in the default values for the required fields, as shown in the screen below:

Figure 10-7 5ESS View Used for Creating Rule

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLS1 AUTOMATIC ROUTE SELECTION GROUP PARAMETERS {10.5}

JLIU5E15PCH LAST ACCESSED ORDER: LINKED VIEWS 5E15

RC MODE: I ORDER:

*1. ARGPNAME

2. GPSTAT

3. NUNPGALW

4. ACTPGNUM

5. GROUP TYPE

6. ANNCRI

7. INH TOD

8. ALW ALTFRL

9. ALTFRL

10. PQ FRL

11. THRESH FRL

12. SAT HOP CNT

13. SAT HOP OPT

14. LN CUST ID

ARS group name. Enter 1 thru 8 characters.

ACCEPT

PASS THRU

EXIT

Important! 5ESS ONLY. Defaults for list fields are allowed for the first list row only.

- 5 Select the **ACCEPT** button.

END OF STEPS

Pass Thru Rules Procedure

To enter in the pass thru link builder rules, perform the following:

- 1** Select the **RULES** action button.

- 2** Select the **ACCEPT** action button.

- 3** Place the cursor on the record that you would like to enter a pass thru value on, and press the **ENTER RULES** action button.

Result: You will be brought to the view listed in the VIEW/TABLE field.

- 4** Position your cursor on the field where the pass thru is required, and press the **PASS THRU** action button.

Result: The Pass Thru pop-up window is displayed over the screen, as shown below.

Figure 10-8 5ESS Pop-Up Window for Pass Thru

```

OFFICES  CLASSES  LINKED VIEWS  SUMMARIES  ORDER CMDS  RC CMDS  ADMIN  OPTIONS  INFORMATION
RLS1      AUTOMATIC ROUTE SELECTION GROUP PARAMETERS {10.5}
JLIU5E15PCH  LAST ACCESSED ORDER: LINKED VIEWS  5E15
RC M0+-----+
|
*1. A|
2. G|      **** PASS-THRU RULE FOR: ARGPNAME ****
3. N|
4. A|  Pass from RCV/TBL:  |
5. G|  Pass from FIELD NAME:  |
6. A|  Get positions:  |
7. I|  Put in position:  |
8. A|
9. A|Enter "same" if pass-thru is from the same RCV/TBL
10. P+-----+
11. THRESH FRL
12. SAT HOP CNT
-----
ARS group name.  Enter 1 thru 8 characters.
ACCEPT  EXIT

```

- 5** Enter in the values you would like to be passed thru. The options are explained below:
- ***Pass from RCV/TBL*** - View or Table used for the source of the pass thru value. If the data should come from a prior field in the current view or table, enter “same”. ***NOTE:*** The pass from view/table must be an RC with a lower sequence number in the current linked view/table scenario.
 - ***Pass from FIELD NAME*** - Name of the source field. When the Pass from RCV/TBL says “same”, this will be a field which occurs prior to the current field in the current RC. Otherwise, this will be a field from an RC with a sequence number lower than the current RC in the linked view/table scenario.
 - ***Get positions*** - The pass thru value may be the complete contents of the field, or a portion of the field data. To take only a portion of the field data, enter in a range of positions in this field. No entry will select the entire field value.

- ***Put in position*** - The pass thru data is placed in the field on which the pass thru is defined. It can either be placed at the beginning of the field, or it may be offset. To place it at the beginning of the field, leave this field blank. To offset it, enter a digit representing the # of positions to offset.
-

6 Select the **ACCEPT** action button.

.....
END OF STEPS
.....

Default Rules Procedure (DMS)

To enter in the default link builder rules, perform the following:

1 Select the **RULES** action button.

2 Select the **ACCEPT** action button.

3 Place the cursor on to the record that you would like to apply a rule to, and press the **ENTER RULES** action button.

Result: You will be brought to the table listed in the VIEW/TABLE field.

4 Enter in the default values for the required fields in the screen shown below:

Important! If a link default applies to a specific continuation row, then select that row number from the **CONTINUATION ROW** column entry.

Figure 10-9 DMS Input Screen for Creating Default Rules

OFFICES

TABLES

LINKED TABLES

SUMMARIES

ORDER CMDS

RC CMDS

ADMIN

OPTIONS

INFORMATION

INT

Common Language Location Identifier Table {CLLI}

1 of 1

SDFNADMSPEA

NA013

SPECIFY LINK BUILDER DEFAULT CRITERIA:

FIELD:

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

VALUE:

CONTINUATION ROW:

0

0

0

0

0

0

0

0

0

0

0

0

0

0

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

▼

PASS THRU:

N

N

N

N

N

N

N

N

N

N

N

N

N

N

FIELD VALIDATION:

ACCEPT

EXIT

5 Select the **ACCEPT** button.

END OF STEPS

Pass Thru Rules Procedure

To enter in the pass thru link builder rules for DMS, perform the same procedure that is outlined above and then follow it with these steps:

1 On the screen, enter a value for the **Field** for which you are creating a pass-thru rule.

10 - 30

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- 2 On the same line as in step 1, enter **Y** in the Pass Thru field. An example is shown in the following figure:

Figure 10-10 Example

INT	Common Language Location Identifier Table {CLLI}	1 of 1
SDFNADMSPEA		NA013

SPECIFY LINK BUILDER DEFAULT CRITERIA:

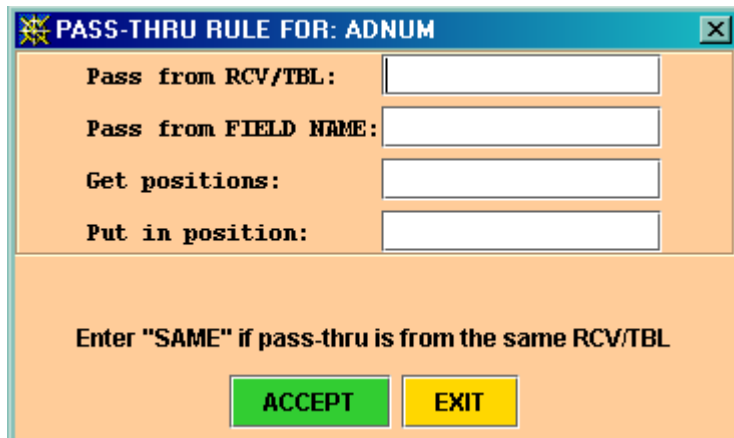
FIELD:	VALUE:	CONTINUATION ROW:	PASS THRU:
ADNUM	▼		Y
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N
	▼	0	N

FIELD VALIDATION: 0-8191

ACCEPT **EXIT**

Result: A pop-up box appears as shown:

Figure 10-11 Pass-Thru Rule For - ADNUM



PASS-THRU RULE FOR: ADNUM

Pass from RCV/TBL:

Pass from FIELD NAME:

Get positions:

Put in position:

Enter "SAME" if pass-thru is from the same RCV/TBL

ACCEPT **EXIT**

-
- 3 Enter in the values you would like to be passed thru. The options are explained below:
- **Pass from RCV/TBL** - View or Table used for the source of the pass thru value. If the data should come from a prior field in the current view or table, enter “same”. **NOTE:** The pass from view/table must be an RC with a lower sequence number in the current linked view/table scenario.
 - **Pass from FIELD NAME** - Name of the source field. When the Pass from RCV/TBL says “same”, this will be a field which occurs prior to the current field in the current RC. Otherwise, this will be a field from an RC with a sequence number lower than the current RC in the linked view/table scenario.
 - **Get positions** - The pass thru value may be the complete contents of the field, or a portion of the field data. To take only a portion of the field data, enter in a range of positions in this field. No entry will select the entire field value.
 - **Put in position** - The pass thru data is placed in the field on which the pass thru is defined. It can either be placed at the beginning of the field, or it may be offset. To place it at the beginning of the field, leave this field blank. To offset it, enter a digit representing the # of positions to offset.

-
- 4** Follow this procedure for other fields that require a pass thru rule and then select the **ACCEPT** action button.

END OF STEPS

Intelligent Defaults - STAFF ONLY

Introduction From the **ADMIN** menu option, select the **USER CUSTOMIZATION** option, then select the **INTELLIGENT DEFAULTS** option.

Figure 10-12 Intelligent Defaults

OFFICESCLASSESLINKED VIEWSSUMMARIESORDER CMDSRC CMDSADMINOPTIONSINFORMATION

INTINTELLIGENT DEFAULTS

ZZ5E14SP0CK5E14

RCV/TABLEFIELD NAMEDEPEND ON FIELDTRIG. VALUEINTEL. DEFAULT

QUERYUPDATEDELETE

- Intelligent Default facts

- These defaults are the ones triggered by an entry in a previous field of the current view/table during an insert operation.
 - Only STAFF users can create intelligent defaults.
 - These defaults are stored by view/table and switch generic.
 - These defaults override any existing vendor and customer defaults delivered with the application.
 - They are created on the specific RC View or Table by using the **DEFAULTS** action button found on each view/table (Intelligent defaults).
 - If intelligent defaults already exist, a dialog box prompt lets the user to delete current defaults or append new defaults to the existing ones.

- Action Buttons

The following action buttons can be performed from the Intelligent Defaults screen.

 - QUERY

This option queries for any intelligent defaults that exist in the system. From this option, a REPORT can be generated detailing the current intelligent defaults. To perform a query see, [Query Procedure](#).
 - UPDATE

This option performs a query on the intelligent defaults in the system, and then you can update the DEPEND ON FIELD, TRIG. VALUE, INTEL. DEFAULT and POS fields. Only one row of results can be updated at a time. To perform an update, see [Update Procedure](#).
 - DELETE

This option lets you delete existing intelligent defaults. Only one row of results can be deleted at a time. To perform a delete, see [Delete Procedure](#).

- Field Descriptions

RCV/TABLE

This is the view/table where the intelligent defaults should be placed.

FIELD NAME

This is the field where the intelligent defaults should be placed.

DEPEND ON FIELD

The intelligent default will be used if this field is filled in with the TRIG. VALUE

TRIG. VALUE

This is the value that needs to be placed in the DEPEND ON FIELD field to trigger using the intelligent default.

INTEL. DEFAULT

This is the intelligent default to be automatically filled in the RCV/TABLE field name specified.

POS

This is the position to start using the intelligent default. You may only want some of the value to be defaulted.

Query Procedure

To query for the values, perform the following:

- 1

Select the **QUERY** action button.

- 2 Select the **ACCEPT** action button.

Result: This will display the records requested, as shown below:

Figure 10-13 Intelligent Defaults

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION					
INT		INTELLIGENT DEFAULTS			
ZZ5E14SP0CK		5E14			
RCV/TABLE	FIELD NAME	DEPEND ON FIELD	TRIG. VALUE	INTEL. DEFAULT	
9.3	DESEP	LDIT		28	P
9.3	TYPECICALL	CALLTYPE	NORMAL	NONCI	0
2 record(s) found.					

REPORTS NEXT PREV EXIT					

Example: When using the 9.3 view, if CALLTYPE has the value NORMAL, then set the field TYPECICALL to the value NONCI.

- 3 Select the **REPORTS** action button.

Result: The REPORTS screen will be displayed.

END OF STEPS

Update Procedure

To perform an update on these intelligent values, perform the following:

1 Select the **UPDATE** action button.

2 Select the **ACCEPT** action button.

Result: All the intelligent defaults will be displayed.

3 At this point, you can update the **DEPEND ON FIELD**, **TRIG. VALUE** and the **INTEL. DEFAULT** fields.

4 Select the **ACCEPT** action button.

Result: The values are updated.

END OF STEPS

Delete Procedure For a delete, perform the following:

1 Select the **DELETE** action button.

2 Select the **ACCEPT** action button.

Result: The Intelligent Defaults delete screen appears, shown as follows:

Figure 10-14 Intelligent Defaults

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION					
INT		INTELLIGENT DEFAULTS			
ZZ5E14SP0CK					5E14
					P
					0
RCV/TABLE	FIELD NAME	DEPEND ON FIELD	TRIG. VALUE	INTEL. DEFAULT	S
9.3	DESEP	LDIT		28	
9.3	TYPEICALL	CALLTYPE	NORMAL	NONCI	
2 record(s) found					
NEXT PREV DELETE ROW EXIT					

- 3 Select the record to be deleted, and select the **DELETE ROW** action button.

Result: The Intelligent Defaults Message pop-up window will be displayed as shown:

Figure 10-15 Intelligent Defaults Delete Prompt



- 4 Press the **YES** action button to delete the record, or press **NO** to not delete the record.

END OF STEPS

Creating Intelligent Defaults On a Specific View/Table

Intelligent Defaults are created on the specific View or Table by using the **DEFAULT** action button found on each view/table (Intelligent defaults).

To perform an update on these intelligent values, perform the following:

- 1 Access the View/Table from the Classes/Tables menu bar. Press the **DEFAULT** action button, and the following prompt will be displayed:

Figure 10-16 Prompt for Type of Defaults



- 2 Press the **I** action button and the intelligent defaults will be displayed. A DMS sample screen appears below:

Figure 10-17 DMS Intelligent Defaults screen

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
INT	Equal Access List of Other Common Carrier Names Table {OCCNAME}	1 of 1
NA014PEACHT	LAST ACCESSED ORDER: NTELLIGENT1	NA014

SPECIFY INTELLIGENT DEFAULT CRITERIA:

FIELD: ▼

DEPEND ON FIELD: ▼

VALUE TO TRIGGER INTELLIGENT DEFAULT:

DEFAULT VALUE:

PUT IN POSITION: ▼

FIELD VALIDATION:

ACCEPT **APPLY** **EXIT**

- 3 At this point, you can remove any existing default values, or create new ones. Once you have completed the updates, do one of the following:
- Press the **ACCEPT** action button to enter a single intelligent default
 - Press the **APPLY** action button to cause this screen to re-appear so that the user can continue to enter intelligent defaults
 - Press the **EXIT** action button to terminate without saving the intelligent default.

END OF STEPS

Link Defaults - STAFF ONLY

Introduction This option provides a means for administering link defaults and pass thru information for a specific view/table in a linked view/table scenario. This screen will display both Link Defaults and Link Pass Thru values. From the **ADMIN** menu option, select the **USER CUSTOMIZATION** option, then select the **LINK DEFAULTS** option.

Figure 10-18 Link Defaults

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT LINK DEFAULTS

ZZ5E14SPOCK 5E14

LINK NAME:
CASC NAME:
SEQUENCE:
=====

RCV/TABLE:
FIELD NAME:

FROM RCV/TABLE:
FROM FIELD:
DEFAULT VALUE:
GET POSITION:
PUT POSITION:

DISPLAY UPDATE DELETE

Activities DISPLAY

This option displays the link defaults in the system. You must enter in the LINK NAME and SEQUENCE field for the DISPLAY action button to perform the functionality.

UPDATE

Once you have entered in the LINK NAME and SEQUENCE, this option performs a query on the link defaults in the system, and then you can update either a Link Default or a Link Pass Thru value. If you are

updating a view or table that has more than one field with a default, then you can scroll through the entries by pressing **[ENTER]**. To update a field with a value, overwrite the existing value.

DELETE

This option lets you delete existing Link defaults or a Link Pass Thru value. If you are deleting a view or table that has more than one field with a default, then you can scroll through the entries by pressing **[ENTER]**.

Field Descriptions

LINK NAME

Name of a Linked View or Table scenario. Value cannot be changed.

CASC NAME

Subgroup of a Linked View or Linked Table scenario. This value cannot be changed.

SEQUENCE

Number of view or table in your linked scenario. You should leave a gap between each view/table included in your link scenario. This number (position) cannot be changed.

RCV/TABLE

This is the view/table to be linked. (target view/table)

FIELD NAME

This is the field to be linked. (target field)

FROM RCV/TABLE

This is the source view/table for the linking.

FROM FIELD

Field name that will be used for the source when linking.

DEFAULT VALUE

Default value to be put in the target field. This could be considered the PASS THRU value.

GET/PUT POSITION

Position you can specify where to start and stop the default value.

Display Procedure

To display the values, perform the following:

- 1 Press the **DISPLAY** action button.

-
- 2 Enter in the LINK NAME and SEQUENCE fields.
-

- 3 Select the **ACCEPT** action button.

Result: This will display the records requested.

END OF STEPS

Generate Procedure To generate a report, perform the following:

- 1 Follow the [Display Procedure](#) provided above.
-

- 2 Select the **REPORTS** action button.

Result: The REPORTS screen will be displayed showing all the defaults and pass thrus for a single LINK/NAME/CASC NAME/SEQ entry, as shown below.

-----link_report-----Report Name: link_canned-----					
LINK_NAME	CASC_NAME	SEQ	RC_TYPE	FIELD_NAME	FROM_RC_TYPE
KP	KP	1	1.5	RAX	
KP	KP	1	1.5	LCC	

.....

-

-

- Result:** This will display the records requested

-
- 7 Once you have completed the updates, press the **ACCEPT** action button.

Result: The updates are made in the database.

END OF STEPS

Delete Procedure To delete an entry, perform the following:

- 1 Press the **DELETE** action button.
-
- 2 Select the **ACCEPT** action button.
-
- 3 Select the entry to be deleted, and press the **DELETE ROW** action button.

Result: The Link Customization Defaults Message pop-up window will be displayed.

- 4 Press the **YES** action button to delete the record.

END OF STEPS

11 Creating Multiple RCs/Orders Using Power Tools

Overview

Purpose This chapter describes using Power tools to create new RCs in an order. Using Power Tools makes recent change work on the switch as convenient and efficient as possible.

Power Tools can also be used to update large numbers of RCs that are pending or already exist in the shadow database. For examples of operational scenarios using Power Tools, see *Appendix A*. For complete information on updating existing RCs, see Chapter 12.

Objectives This chapter provides information to perform the following:

- Describe the steps used to create a worklist on a selected view/table, and perform the following:
 - Multiple Delete
 - Multiple Change
 - Multiple Verify
 - Multiple Copy
- Describe the steps used to create Multiple RCs.

The following topics are included in this chapter.

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Introduction to Power Tools

Overview Power Tools can be used to create new RCs in an order. These batch RCs, or ***Multiple Orders***, are used to perform large numbers of switch Deletes, Changes, Verifies, and Inserts using a single operation.

MULT RC Rules When changing fields, note the following:

- You can prepend data to both key and non-key fields by using the ^ character before the value. If a field contains ABC as the data and you enter ^123, the field value would be 123ABC. (You can also use! to null out the contents of the entire field.)
- Since the entire field is not required to be entered when using the ^ character to prepend data, no field level validation will be performed.
- If a selector field in the template is selected for global change, all subsequent fields in the tuple that are required for this selector must also be selected for global change.

Multiple Insert RCs/Orders A Multiple Insert order allows you to create many RCs that perform Insert operations in the switch. To create Multiple Insert RCs, you first create a template that will be used to generate the new RCs. To create the template, you can copy an existing RC or you can enter a new RC. This template will be used to generate new Multiple Insert RCs that all contain the same information in non-key fields. The new RCs are created from ranges of information you enter into key fields in the template.

Other Multiple RCs/Orders To create other types of Multiple RCs, you first create a worklist of existing RCs to select which RCs will be included in the new order. You obtain existing RCs by querying the database for records that match the criteria you want. You can edit the query results to only include the desired RCs.

The following is a list of Multiple Operations that are created using existing records:

- ***Multiple Delete*** - Take a set of existing records and create new RCs to delete them.
- ***Multiple Change*** - Take a set of existing records and apply some uniform change to the non-key fields.
- ***Multiple Copy*** - Take a set of existing records and alter the fields in some uniform way in order to create a set of new Insert RCs.
- ***Multiple Verify*** - Take a set of existing records and create verify RCs.



Creating Multiple Inserts - Introduction

Introduction You can create Multiple Inserts that generates a new set of RCs. To create Multiple Inserts, you obtain a template by copying either an RC that is pending or a record that already exists in the shadow database. You can also create a new template for a Multiple Insert by specifying the view/table and field data.

Important! For 5ESS, Multiple Insert cannot be used for views 5.34, 23.20, 5.11 or for any other view that does not support Inserts.

Obtaining Templates To obtain a template for a Multiple Insert, you can use any of the following methods:

- [Creating Multiple Inserts - Copy from Pending](#)
An existing pending RC is used as a template for the new RCs.
- [Creating Multiple Inserts - Copy from Shadow](#)
An existing record in shadow database is used as a template for the new RCs.
- Create RCs using a new template.
User creates the template to be used for the new RCs.

Each of these methods is described in the following sections.

Overall Process To create a Multiple Inserts, you perform the following process:

- 1 Select a View or Table.
- 2 Select the Multiple Action Button.
- 3 Indicate an order name.
- 4 Select a template type.
- 5 Change any desired key or non-key fields.

END OF STEPS

Creating Multiple Inserts - Copy from Pending

Introduction You can create Multiple Inserts by copying an existing pending RC. The copied RC will be used as the template for the new RCs.

For complete instructions, see the sections

- [Creating a 5ESS Multiple Insert](#)
- [Creating a DMS Multiple Insert](#)

Creating a 5ESS Multiple Insert To create a 5ESS Multiple Insert by copying a pending RC, do the following:

- 1 Select the record, as follows:
 - a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

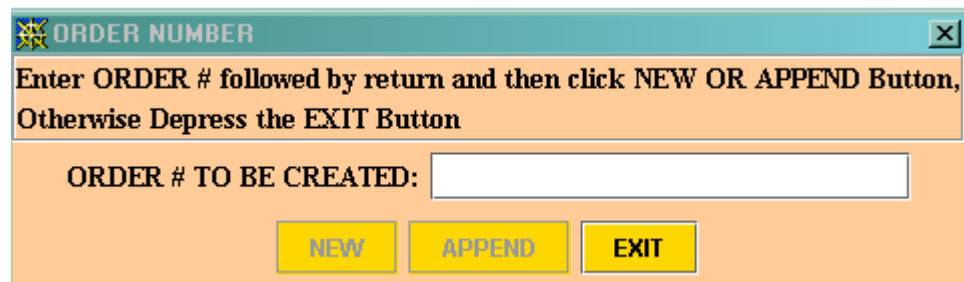
- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

- 2 Perform the Multiple operation by selecting the **MULTIPLE** action button.

Result: The order name dialog box is displayed, as shown below.

Figure 11-1 Order Name Dialog Box



ORDER NUMBER

Enter ORDER # followed by return and then click NEW OR APPEND Button, Otherwise Depress the EXIT Button

ORDER # TO BE CREATED:

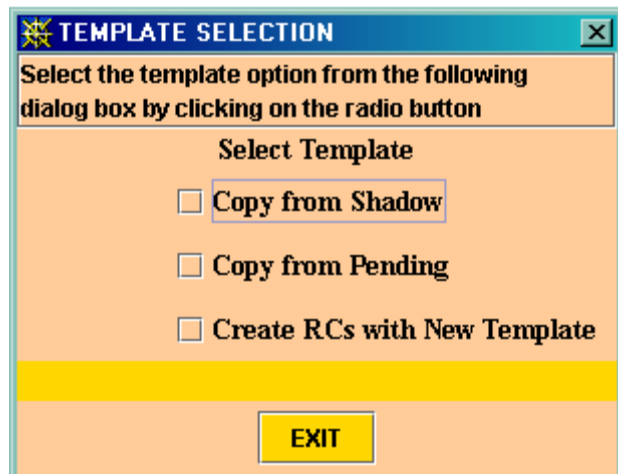
NEW APPEND EXIT

- 3 Enter a new order name, and press [ENTER].
-

-
- 4 Select the **NEW** button for a new order.

Result: The following screen is displayed.

Figure 11-2 Template Selection Screen



-
- 5 Select the **Copy from Pending** option.

Result: The text portion of the view is populated with a Multiple Pop-up Window displaying the key fields, as shown below.

Figure 11-3 Multiple Pop-up Window

LCC	RAX
	:
	:
	:
	:
	:
	:
	:
	:
	:
	:

- 6 Enter single values and ranges for any new key fields. The field before the column of colons (:) is used for expressing a range of values. To enter values on this screen, use the following procedure:
- Click below the first field and enter a value.
 - Press the tab key to move to the next column.
 - If the cursor is in the last column before a colon (:), then enter a start value for a range of values for that field.
 - Press the tab key to move to the column after the colon.
 - Enter an ending value for the range of values.

Result: The next row appears with the same data.

- Enter the next row of values, replacing the replicated data.
- Continue as desired. The following figure shows the sample screen with data.

Figure 11-4 Multiple Pop-up Window with Data

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION			
+-----+ ENTER KEYS/RANGES, ACCEPT, SPACE or EXIT- VALIDATION STR: Rate center. Enter from 1 to 99. 0 indicates no RA : X. LCC RAX 100 01 : 10 114 21 : 34 200 50 : 70 : : : : : : : +-----+			
ACCEPT EXIT			

- h. When finished entering data, select the **ACCEPT** action button.

Result: The RC Number dialog box is displayed, as shown below.

Figure 11-5 RC Number Dialog Box

RC NUMBER

Enter RC NUMBER followed by a return OR Depress the EXIT Button

RC NUMBER: 3312

EXIT

- 7 Select a template by entering a pending RC number, and press [ENTER].

Result: An Insert RCs prompt is displayed.

-
- 8** Do one of the following:
- Select **NO** and no RCs will be created for any record whose keys already exist in the shadow database.
 - Select **YES** and all RCs will be created, even if records already exist.

A 5ESS Multiple Insert order is created containing the desired RCs.

END OF STEPS

Creating a DMS Multiple Insert

To create DMS Multiple Inserts by copying a pending order, do the following:

- 1** Select the record to copy, as follows:
- a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.
- Result:** The cascaded pull-down menu appears, which lets you choose the table within that control group.
- b. Select the desired table from the cascaded menu.
- Result:** The text portion of the screen is populated with the table selected, and several different action buttons appear on the bottom of the display.
-
- 2** Perform the Multiple operation by selecting the **MULTIPLE** action button.
- Result:** The Order Number dialog box is displayed.
-
- 3** Enter a new order name, and press **[ENTER]**.
-
- 4** Select the **NEW** button for a new order.
- Result:** The Template Selection screen is displayed.

- 5 Select the **Copy from Pending** option.

Result: The text portion of the table is populated with a Multiple Pop-up Window displaying the key fields, as shown below.

Figure 11-6 Multiple Pop-up Window

The screenshot shows a software interface with a menu bar at the top containing: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the menu bar is a large dashed rectangular box containing the following text:

ENTER KEYS/RANGES, ACCEPT, SPACE or EXIT-
VALIDATION STR: 0 to 9, B to F, on N (3 characters)

NPA_OR_STS	FROMDIGS	TODIGS
	:	
	:	
	:	
	:	
	:	
	:	
	:	
	:	
	:	

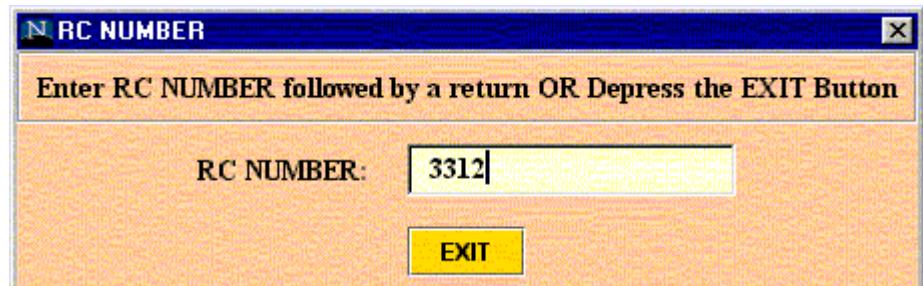
Below the dashed box are two buttons: **ACCEPT** (green) and **EXIT** (yellow).

- 6 Enter any new key fields, and select the **ACCEPT** action button.

Important! For any digilator table with a *from* and *to* digilator field, the power tool now accepts line data input for each record to build. Unlike ranging options, digilators use each line to specify a single record to be created.

Result: The RC Number dialog box is displayed, as shown below.

Figure 11-7 RC Number Dialog Box



-
- 7 Select a template by entering a pending RC number, and press [ENTER].

Result: The Insert RCs prompt is displayed.

- 8 Do one of the following:
- Select **NO** and no RCs will be created for any record whose keys already exist in the shadow database.
 - Select **YES** and all RCs will be created, even if records already exist.

A DMS Multiple Insert order is created containing the desired RCs.

END OF STEPS

Creating Multiple Inserts - Copy from Shadow

Introduction You can create Multiple Inserts by copying an existing record from the shadow database. The copied record will be used as the template for the new RCs.

For complete instructions, see the sections

- [Creating a 5ESS Multiple Insert](#)
- [Creating a DMS Multiple Insert](#)

Creating a 5ESS Multiple Insert To create a 5ESS Multiple Insert by copying a record from the shadow database, do the following:

- 1** Select the record to copy, as follows:
 - a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

- 2** Perform the Multiple operation by selecting the **MULTIPLE** action button.

Result: The order number dialog box is displayed.

- 3** Enter a new order name, and press **[ENTER]**.
-

- 4** Select the **NEW** button for a new order.

Result: The Template Selection screen is displayed.

-
- 5 Select the **Copy from Shadow** option.

Result: The text portion of the view is populated with a Multiple Pop-up Window displaying the key fields.

- 6 Add the new key fields, and select the **ACCEPT** action button.

Result: You are prompted to select a template, as shown below.

Figure 11-8 Selecting a Template

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI LINE CLASS CODE {4.1}

AUTO1J14PCH LAST ACCESSED ORDER: BOB81302 5E14

RC MODE: ORDER:

*1. LCC
*2. RAX
#3. SERVCL
#4. TERM
#5. SCR
6. LINESCRN
7. DAS
#8. INSEP
#9. DESEP
COUNT
11. LATA
12. RMK

0387: Enter keys for record to be used as the Template

ACCEPT EXIT

-
- 7 You can enter any key field values. 8950 VAM will use these values to query the database for any matching records to be used as a template.

Result: If no matching records are found, an error message is displayed. If a matching record is found, it is displayed as a template along with the Insert RCs prompt.

-
- 8 Select **NO** to create INSERT RCs.

Result: A 5ESS Multiple Insert order is created containing the desired RCs. No RCs will be created for any record whose keys already exist in the shadow database.

END OF STEPS

Creating a DMS Multiple Insert

To create a DMS Multiple Insert order by copying an order from the shadow database, do the following:

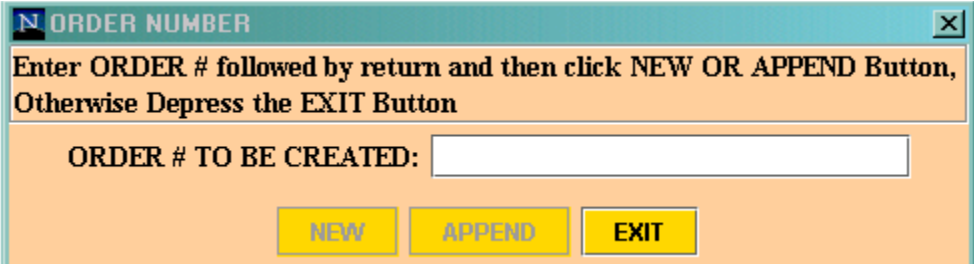
- 1 Use the following procedure to select the record to use as a template:
- Select the **TABLES** menu.
 - Point to the desired table control group and select the desired table from the list that appears.

Result: The screen that corresponds to the selected table appears, along with appropriate action buttons.

- 2 Perform the Multiple operation by selecting the **MULTIPLE** action button.

Result: The Order Number dialog box is displayed as shown in Figure 11-9.

Figure 11-9 Order Number Dialog Box

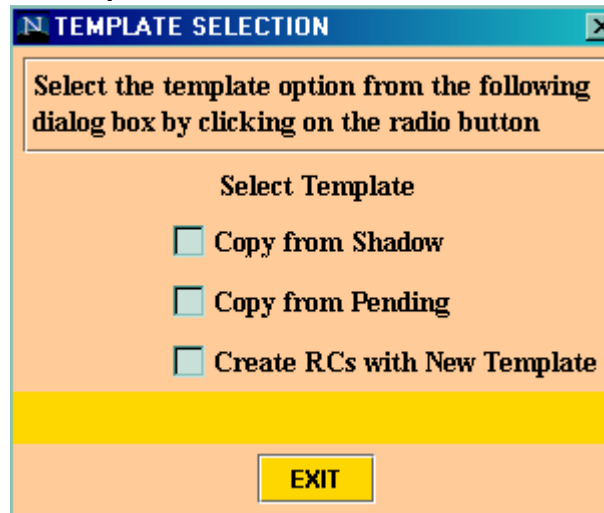


- 3 Enter a new order name, and press [ENTER].

-
- 4 Select the **NEW** button for a new order.

Result: The Template Selection screen is displayed as shown below.

Figure 11-10 Template Selection screen



-
- 5 Select a template by clicking on the **Copy from Shadow** option.

Result: The text portion of the table is populated with a Multiple Pop-up Window displaying the key fields, as shown below.

Figure 11-11 Multiple Pop-Up Window

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

ENTER KEYS/RANGES, ACCEPT, SPACE or EXIT-
VALIDATION STR: alphanumeric (1 to 8 characters)

TODNAME WEEKDAY

4

ACCEPT EXIT

- 6 Enter the new key field values, and select the **ACCEPT** action button.

Result: You are prompted to select a template, as shown below.

Figure 11-12 Selecting a Template

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT		Day of Week Table {DAYOWEEK}					1 of 1	
NOVYRJ04PCH		LAST ACCESSED ORDER: BOBDMULTTEST					NA014	
RC MODE: I *TODNAME:								
FIELD VALIDATION: alphanumeric (1 to 8 characters) RC:								
ACCEPT EXIT								

- 7 You can enter any key field values. 8950 VAM will use these values to query the database for any matching records to be used as a template.

Important! For any digilator table with a *from* and *to* digilator field, the power tool now accepts line data input for each record to build. Unlike ranging options, digilators use each line to specify a single record to be created.

Result: If no matching records are found, an error message is displayed. If a matching record is found, it is displayed as a template along with the Insert RCs prompt.

8 Do one of the following:

- Select **YES** to create all RCs, even if records already exist.

Result: A DMS Multiple Insert order is created containing the desired RCs.

- Select **NO** to create INSERT RCs.

Result: No RCs will be created for any record whose keys already exist in the shadow database.

END OF STEPS

Creating Multiple Inserts - Create RCs with New Template

Introduction You can create Multiple Inserts by creating the template to be used for the new RCs. Specify a range for numeric key data fields, which are then used to create Multiple Insert RCs.

For complete instructions, see the sections

- [Creating 5ESS Multiple Inserts for Views without Optional Key Sets](#)
- [Creating 5ESS Multiple Inserts for Views with Optional Key Sets](#)
- [Creating DMS Multiple Inserts](#)

Creating 5ESS Multiple Inserts for Views without Optional Key Sets

To create 5ESS Multiple Inserts for views without optional key sets, do the following:

- 1 Select a view, as follows:
 - a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.
Result: The cascaded pull-down menu appears, which lets you choose the view within that class.
 - b. Select the desired view from the cascaded menu.
Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.
 - 2 Perform the Multiple operation by selecting the **MULTIPLE** action button.
Result: The order number dialog box is displayed.
 - 3 Enter a new order name, and press **[ENTER]**.
 - 4 Select the **NEW** button for a new order.
Result: The Template Selection screen is displayed.
-

- 5 Select the **Create RCs with New Template** option.

Result: The text portion of the view is populated with a Multiple Pop-up Window displaying the key fields.

- 6 Enter the desired key fields, and select the **ACCEPT** action button.

Important! Usually, Multiple Insert allows you to range over the last key field in a view. For view 8.51, the MULTIPLE command also allows you to range on the LINE key field as opposed to the LDP CARRIER key field.

Result: The text cursor located at the first non-key field, as shown below.

Figure 11-13 Creating a Template

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		LINE CLASS CODE {4.1}						
AUT01J14PCH		LAST ACCESSED ORDER: BOB81302						5E14
RC MODE: I		ORDER: BOB81302						
*1. LCC		222						
*2. RAX		23						
#3. SERVCL								
#4. TERM								
#5. SCR								
6. LINESCRN		N						
7. DAS		1						
#8. INSEP								
#9. DESEP								
COUNT								
11. LATA								
12. RMK								
0137: Enter data								

Service class. Refer to RC Manual for SERVCL.								
				ACCEPT		EXIT		

-
- 7 Enter the non-key field values to create the template, and select the **ACCEPT** action button.

Result: The Insert RCs prompt is displayed.

- 8 Do one of the following:
- Select **NO** and no RCs will be created for any record whose keys already exist in the shadow database.
 - Select **YES** and all RCs will be created, even if records already exist.

A 5ESS Multiple Insert order is created containing the desired RCs.

END OF STEPS

Creating 5ESS Multiple Inserts for Views with Optional Key Sets

To create 5ESS Multiple Inserts for views with optional key sets, do the following:

Important! You can use this procedure for optional key views 5.1, 9.6, 9.40, 10.17, 12.9, 23.10, and 23.17. Views 1.6, 1.8, 23.2, 23.8, and 23.40 have special pop-up windows.

- 1 Select a view, as follows:
- a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

- 2 Perform the Multiple operation by selecting the **MULTIPLE** action button.

Result: The order number dialog box is displayed.

-
- 3 Enter a new order name, and press [ENTER].
-

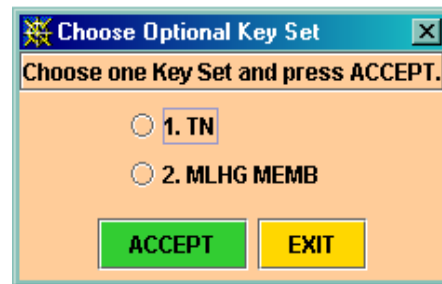
- 4 Select the **NEW** button for a new order.

Result: The Template Selection screen is displayed.

- 5 Select the **Create RCs with New Template** option.

Result: A dialog box is displayed, listing only the optional key sets associated with this view. An example dialog box for view 1.6 is below.

Figure 11-14 Optional Key Set Dialog Box



-
- 6 Do one of the following:
- For views 5.1, 9.6, 9.40, 10.17, 12.9, 23.10 and 23.17, select the key sets you want and skip to Step 9.
 - For views 1.6, 1.8, 23.2, 23.8, and 23.40, go to the next step.
-

- 7 Select the key sets you want, and select the **ACCEPT** action button. These views are used for assignment and the relationship between the key and assigned equipment is normally one-to-one.

Result: The optional key selection window is displayed.

Figure 11-15 Multiple Insert for 1.6

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
MULTIPLE INSERT FOR VIEW 1.6 ENTER KEYS/RANGES, ACCEPT, SPACE or EXIT- VALIDATION STR: Enter Y or blank RC CREATION OPTIONS (CHOOSE ONE): Without OE Assignment With OE Assignment With OE Assignment & MLHG Membership RANGING INFORMATION TN RANGE: FROM: TO: (CHNG) OE: (CHNG) MLHG: (CHNG) PTY: (CHNG) MEMB:								+f 5
5E14								
ACCEPT EXIT								

- 8 Enter the keys and the range you want and press the **ACCEPT** action button.

Result: The selected record is displayed with the text cursor located at the first field, as shown below.

Figure 11-16 Creating a Template

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		COMPOSITE LINE (LINE ASSIGNMENT) {1.6}				Page 1 of 5		
AUT01J14PCH		LAST ACCESSED ORDER: RLS81302				5E14		
RC MODE: <u>I</u>		ORDER: <u>RLS81302</u>						
(*)1. TN	_____	18. MFRI	<u>N</u>	30. BRCS	<u>N</u>			
(*)2. OE	_____	19. BTN (NOT=TN)	_____	31. BAUTO	<u>N</u>			
(*)5. PTY	_____	MULTIDN	<u>N</u>	32. SHARED	<u>N</u>			
(*)6. MLHG	_____	DEPENDN	_____	33. SAUTO	<u>N</u>			
(*)7. MEMB	_____	22. RAX	_____	34. FLS	<u>N</u>			
		23. LCC	_____	35. SUSO	<u>N</u>			
9. CHNG TN	_____	LATA	_____	36. SUST	<u>N</u>			
10. CHNG OE	_____	25. COIN	<u>N</u>	37. ICP	<u>N</u>			
13. CHNG PTY	_____	26. GST	<u>N</u>	38. RTI	_____			
14. CHNG MLHG	_____	27. EL	<u>N</u>	HRI	_____			
15. CHNG MEMB	_____	28. SERHLN	_____	40. BCK LNK	<u>N</u>			
16. NEW TN	_____	29. TTC	<u>N</u>	41. NODL	<u>N</u>			
0137: Enter data								

Telephone number. Enter NXXXXXXXXX where N=2-9 and X=0-9.								
				ACCEPT	EXIT			

- 9 Enter any desired fields, and select the **ACCEPT** action button.

Result: The INSERT RCs prompt is displayed.

- 10 Do one of the following:

- Select **NO** and RCs will only be created when there are no records in the shadow database. The records that are not created, will be displayed.
- Select **YES** and all RCs will be created, even if records already exist.

A 5ESS Multiple Insert order is created containing the desired RCs.

END OF STEPS

Creating DMS Multiple Inserts

To create DMS Multiple Inserts, do the following:

1 Select a table, as follows:

- a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.

Result: The cascaded pull-down menu appears, which lets you choose the table within that control group.

- b. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the table selected, and several different action buttons appear on the bottom of the display.

2 Perform the Multiple operation by selecting the **MULTIPLE** action button.

Result: The order number dialog box is displayed.

3 Enter a new order name, and press **[ENTER]**.

4 Select the **NEW** button for a new order.

Result: The Template Selection screen is displayed.

5 Select the **Create RCs with New Template** option.

Result: The text portion of the table is populated with a Multiple Pop-up Window displaying the key fields.

6 Enter any desired key fields, and select the **ACCEPT** action button.

Important! Usually, Multiple Insert only increments the last key field in a table. However, for table TRKMEM, Multiple Insert will also increment the appropriate equipment number field based on the value of the PMTYPE selector.

Important! For table C7TRKMEM, Multiple Insert will also increment the non-key field CIC when building new RCs.

Result: The selected table is displayed, as shown below.

Figure 11-17 Creating a Template

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
INT	Home NPA Code Subtable {H_HNPACODE}	1 of 1
BUGG1234234	LAST ACCESSED ORDER: DMSTEST4	NCS14
RC MODE: I ORDER: DMSTEST4		
*STS:	214	
*FROMDIGS:	584	
TODIGS:	584	
FIELD VALIDATION: 0 to 9, B to F, or N (up to 18 characters)		
RC:	214 584	
ACCEPT EXIT		

- 7 Enter the non-key field values to create the template, and select the **ACCEPT** action button.

Important! For any digilator table with a *from* and *to* digilator field, the power tool now accepts line data input for each record to build. Unlike ranging options, digilators use each line to specify a single record to be created.

Result: The Insert RCs prompt is displayed.

8 Do one of the following:

- Select ***NO*** and RCs will only be created when there are no records in the shadow database. The records that are not created, will be displayed.
- Select ***YES*** and all RCs will be created, even if records already exist.

A DMS Multiple Insert order is created containing the desired RCs.

END OF STEPS

Creating Multiple Delete Orders

Introduction 8950 VAM allows you to query the database to create a list of RCs to be used as a Multiple Delete order. To create this order, perform the following process:

- 1 Select the View or Table.

- 2 Query the database to create a worklist of desired records.

- 3 Perform the Multiple operation.

- 4 Edit the worklist to remove unwanted entries.

- 5 Assign an order name.

- 6 Perform the Delete operation.

For complete instructions, see the sections:

- [Creating 5ESS Multiple Delete's](#)
- [Creating a DMS Multiple Delete](#)

END OF STEPS

Creating 5ESS Multiple Delete's

To create 5ESS Multiple Delete's, do the following:

- 1 Select the view that you want, as follows:
 - a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The text cursor is located at the first key field.

- b. Enter any field values you would like, and select the **ACCEPT** action button. If you do not want to do a query-by-example, you do not have to put any values in for the query.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-18 5ESS Multiple Delete Worklist

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		LINE CLASS CODE {4.1}						
AUT01J14PCH		5E14						
RC MODE:		ORDER:						
*1.	LCC	10Y						
*2.	RAX	1						
#3.	SERVCL	10PTY						
#4.	TERM	PARTY						
#5.	SCR	1						
6.	LINESCRN	N						
7.	DAS	1						
#8.	INSEP	252						
#9.	DESEP	254						
	COUNT	2						
11.	LATA							
12.	RMK	10 PTY MULTFREQ						
Found 98 records (Record: 1)								
NEXTPREVMULT RC GO TO DB COPY REPORTS HIST EXIT								

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column, as shown below.

Figure 11-19 Multiple Pop-up Window

LCC	RAX	CHANGE
10Y	1	Y
123	1	Y
123	2	Y
123	3	Y
123	7	Y
17D	1	Y
17E	1	Y
2P1	1	Y
2P2	1	Y
2PP	1	Y
4FS	1	Y

Y or N

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

- 5** Enter the new order name, and press **[ENTER]**.

- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the New button, the text portion of the screen is populated with the first RC in the list and several different action buttons appear on the bottom of the display, as shown below.

Figure 11-20 Selecting the DELETE Mode of Operation

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		LINE CLASS CODE {4.1}						
AUT01J14PCH		5E14						
RC MODE:		ORDER:						
*1. LCC	10Y							
*2. RAX	1							
#3. SERVCL	10PTY							
#4. TERM	PARTY							
#5. SCR	1							
6. LINESCRN	N							
7. DAS	1							
#8. INSEP	252							
#9. DESEP	254							
COUNT	2							
11. LATA								
12. RMK	10 PTY MULTFREQ							

DELETED CHANGED COPY VERIFIED EXIT								

- 7 Perform the Delete operation by selecting the **DELETE** button.

Result: A 5ESS Multiple Delete order is created containing the desired RCs.

END OF STEPS

Creating a DMS Multiple Delete

To create a DMS Multiple Delete order, do the following:

1 Select the type of Delete table that you want, as follows:

- a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.

Result: The cascaded pull-down menu appears, which lets you choose the table within that control group.

- b. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the table selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The Query Selection window is displayed.

- b. Enter the query criteria and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-21 DMS Multiple Delete Worklist

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLSTI NA014PEACHT	Home NPA Code Subtable {H_HNPACODE}	1 of 1 NA014
RC MODE: ORDER:		
*STS:	202	
*FROMDIGS:	214	
TODIGS:	214	
CD:	LRTE	
RR:	2	
<REMARKS>:	REMARK	
Found 8 records (Record: 1)		
RC: 202 214 214 LRTE 2 <REMARK>		
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT		

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

-
- 5 Enter the new order name, and press **[ENTER]**.
-

- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the New button, several different action buttons appear on the bottom of the display, as shown in Figure 11-22.

Figure 11-22 Selecting the DELETE Mode of Operation

The screenshot displays the 8950 VAM interface. At the top is a red navigation bar with the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below this bar, the main display area has a header section with 'INT' on the left and 'Home NPA Code Subtable {H_HNPACODE}' on the right. The main body of the display contains the text 'VSOSNA14SPK' on the left and 'NA014' on the right. At the bottom of the interface is a row of six buttons: 'DELETE', 'RANGE DELETE', 'CHANGE', 'COPY', 'VERIFY', and 'EXIT'. The 'EXIT' button is highlighted in yellow.

-
- 7 Perform the Delete operation by selecting the **DELETE** button.

Result: A DMS Multiple Delete order is created containing the desired RCs.

END OF STEPS

Creating Multiple Changes

Introduction 8950 VAM lets you query the database to create a list of records to be used as a Multiple Change order. From this list, you can change non-key data fields on a specific RC and then propagate that change throughout selected RCs.

To create this order, you perform the following process:

- 1 Select the View or Table.

- 2 Query the database to create a worklist of desired records.

- 3 Perform the Multiple operation.

- 4 Edit the worklist to remove unwanted entries.

- 5 Assign an order name, and associate the order with a cover sheet.

- 6 Perform the Change operation.

- 7 Change non-key fields throughout the list of RCs.

For complete instructions, see the sections:

- [Creating 5ESS Multiple Changes](#)
- [Creating DMS Multiple Changes](#)

END OF STEPS

Creating 5ESS Multiple Changes

To create 5ESS Multiple Changes, do the following:

- 1 Select the view that you want, as follows:

- a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The text cursor is located at the first key field.

- b. Enter the key field values, and select the **ACCEPT** action button. If you do not want to do a query-by-example, you do not have to put any values in for the query.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-23 5ESS Multiple Change Worklist

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLSTI																LINE CLASS CODE {4.1}	
AUT01J14PCH																5E14	
RC MODE:																ORDER:	
*1. LCC																<u>10Y</u>	
*2. RAX																<u>1</u>	
#3. SERVCL																<u>10PTY</u>	
#4. TERM																<u>PARTY</u>	
#5. SCR																<u>1</u>	
6. LINESCRN																<u>N</u>	
7. DAS																<u>1</u>	
#8. INSEP																<u>252</u>	
#9. DESEP																<u>254</u>	
COUNT																<u>2</u>	
11. LATA																<u></u>	
12. RMK																<u>10 PTY MULTFREQ</u>	
Found 108 records (Record: 1)																	
NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT																	

- Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a CHANGE column, as shown below.

Figure 11-24 Multiple Pop-up Window

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION			
+-----+-----+-----+-----+			
-ACCEPT or EXIT -			
			4
LCC	RAX	CHANGE	
10Y	1	Y	
123	1	Y	
123	2	Y	
123	3	Y	
123	7	Y	
17D	1	Y	
17E	1	Y	
2P1	1	Y	
2P2	1	Y	
2PP	1	Y	
4FS	1	Y	
Y or N			
+-----+-----+-----+-----+			
+-----+-----+-----+-----+			
ACCEPT EXIT			

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the CHANGE column on the worklist. For each entry in the worklist, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

- 5 Enter the new order name, and press [ENTER].

-
- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the New button, the text portion of the screen is populated with the first RC in the list and several different action buttons appear on the bottom of the display, as shown below.

Figure 11-25 Selecting the CHANGE Mode of Operation

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI LINE CLASS CODE {4.1}

AUT01J14PCH 5E14

RC MODE: ORDER:

*1. LCC 10Y
*2. RAX 1
#3. SERVCL 10PTY
#4. TERM PARTY
#5. SCR 1
6. LINESCRN N
7. DAS 1
#8. INSEP 252
#9. DESEP 254
COUNT 2
11. LATA
12. RMK 10 PTY MULTFREQ

DELETE CHANGE COPY VERIFY EXIT

-
- 7 Perform the Change operation by selecting the **CHANGE** button.

Result: The text cursor is located at the first non-key field.

-
- 8 Change non-key fields throughout the list of RCs, as follows:

- a. Using the arrow keys, locate and change the necessary fields. If any non-key fields are left blank, the existing values will be used.
- b. After changing the fields, select the **ACCEPT** action button.

Result: All RCs in the list are updated with the changes you made to the first view, and a 5ESS Multiple Change order is created containing the desired RCs.

.....
E N D O F S T E P S
.....

Creating DMS Multiple Changes

To create DMS Multiple Changes, do the following:

.....

1 Select the table that you want, as follows:

- a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.

Result: The cascaded pull-down menu appears, which lets you choose the table within that control group.

- b. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the table selected, and several different action buttons appear on the bottom of the display.

.....

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The Query Selection window is displayed.

- b. Enter the query criteria and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-26 DMS Multiple Change Worklist

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLSTI NA014PEACHT	Home NPA Code Subtable {H_HNPACODE}	1 of 1 NA014
RC MODE: ORDER:		
*STS:	202	
*FROMDIGS:	214	
TODIGS:	214	
CD:	LRTE	
RR:	2	
<REMARKS>:	REMARK	
Found 246 records (Record: 1)		
RC: 202 214 214 LRTE 2 <REMARK>		
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT		

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a CHANGE column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the CHANGE column on the worklist. For each entry in the worklist, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

-
- 5 Enter the new order name, and press **[ENTER]**.
-

- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the **New** button, several different action buttons appear on the bottom of the display, as shown below.

Figure 11-27 Selecting the CHANGE Mode of Operation

The screenshot displays the 8950 VAM interface. At the top is a red navigation bar with the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below this bar, the text 'RLSTI' is on the left and 'Home NPA Code Subtable {H_HNPACODE}' is on the right. The main display area contains 'NA014PEACHT' on the left and 'NA014' on the right. A dashed horizontal line is positioned above a text input field at the bottom left. At the very bottom, there is an orange bar containing six buttons: DELETE, RANGE DELETE, CHANGE (which is highlighted in yellow), COPY, VERIFY, and EXIT.

-
- 7 Perform the Change operation by selecting the **CHANGE** button.

Result: The **MULTRC Change Fields** screen is displayed.

Figure 11-28 MULTRC Change Fields

Important! The **ACCEPT** and **SHOW VALUE** buttons are enabled only when you enter a value in any one of the displayed fields.

Field names can be selected from the **FIELD:** drop-down box. When you select a field name, the corresponding validation string along with depend on field and depend on field value are displayed into **FIELD VALIDATION:**, **DEPENDS ON FIELD:** and **DEPENDS ON FIELD VALUE:** fields.

Figure 11-29 MULTRC Change Field

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT CCS7 Link Table {C7LINK} 1 of 1

DMSSN062DIT LAST ACCESSED ORDER: MULTRCDOCTEST SN062

MULT RC INPUT PANEL:

FIELD:	VALUE(S):
CLLI (CLLI)	DMSSN062DIT

FIELD VALIDATION: Alphanumeric (up to 16 characters).

DEPENDS ON FIELD: alloc

DEPENDS ON FIELD VALUE: !LIUBASIC

ACCEPT SHOW VALUE EXIT

Important! You are allowed to change only ten fields in the **MULTRC Change Field** screen.

- 8 Select the field name from the **FIELD:** drop-down box and enter the values into the corresponding **VALUE:** fields. Press **[TAB]** or **[ENTER]** to submit the values.

Important! If the field is a selector field, then the new screen is displayed to accept the values of all the dependent fields.

Figure 11-30 MULTRC Selector

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
CCS7 Link Table {C7LINK}		1 of 1
DMSSN062DIT LAST ACCESSED ORDER: MULTRCDOCTEST		SN062
ALLOC:	STPOOL	
STPOOL:	4	
CLLI:	DMSSN062DIT	
EXTRKRM:	444	
FIELD VALIDATION: 0-9999		
RC:		
ACCEPT EXIT		

The **MULTRC Selector** screen is similar to the New DMS interface input panel. Press **ACCEPT** after you enter all the dependent field values. Once you press **ACCEPT**, the **MULTRC Change Field** screen is displayed to get the values for other fields.

Important! If you want to see the current field value for the queried records, press **SHOW VALUE** button on **MULTRC Change Field** screen. The **Show Value** screen with the key fields and the values of current field.

Figure 11-31 MULTRC Show Value

INT	CCS7 Link Table {C7LINK}	1 of 1
DMSSN062DIT	LAST ACCESSED ORDER: TI050106000001 RC: 3234 {C7LINK}	SN062
VALUE of FIELD: CLLI		
LINKSET	LINKSLC	CLLI
ASDFASFDASDFASDF	1	
ASDFASFDASDFASDF	13	
ASDFASFDASDFASDF	14	
ASDFASFDASDFASDF	15	
ASDFASFDASDFASDF	4	
ASDFASFDASDFASDF	5	
ASDFASFDASDFASDF	8	
DMSSTPLS	1	
LOOPBKLS0	8	
LOOPBKLS1	8	
MOTSSTPLS	8	
TEST	4	BABUSN06TST

SHOW RC DETAIL
EXIT

Error and Message Status

Important! Press **Show RC Detail** button to display the current shadow record with the changed value in the footer.

Figure 11-32 MULTRC show RC detail

INT

CCS7 Link Table {C7LINK}

1 of 1

DMSSN062DIT LAST ACCESSED ORDER: TI050106000001 RC: 3234 (C7LINK) SN062

VALUE of FIELD: CLLI

LINKSET	LINKSLC	CLLI
ASDFASFDASDFASDF	1	
ASDFASFDASDFASDF	13	
ASDFASFDASDFASDF	14	
ASDFASFDASDFASDF	15	
ASDFASFDASDFASDF	4	
ASDFASFDASDFASDF	5	
ASDFASFDASDFASDF	8	
DMSSTPLS	1	
LOOPBKLS0	8	
LOOPBKLS1	8	
MGTSTPLS	8	
TEST	4	BABUSN06TST

RC: TEST 4 STPOOL 4 DMSSN062DIT 44 MTP2 30 30 (\$) <TEST>

SHOW RC DETAIL

EXIT

Error and Message Status

9 After making the change, press the **ACCEPT** key.

Result: All records in the list are updated with the changes you made, and a DMS Multiple Change order is created containing the desired RCs.

END OF STEPS

Creating Multiple Verifies- 5ESS Views Without Optional Keys

Introduction 8950 VAM lets you query the database to create a list of RCs to be used as Multiple Verifies. To create this order, you perform the following process:

- 1 Select the View.

- 2 Query the database to create a worklist of desired Views.

- 3 Perform the Multiple operation.

- 4 Edit the worklist to remove unwanted entries.

- 5 Assign an order name, and associate the order with a cover sheet.

- 6 Perform the Verify operation.
For complete instructions, see the sections
 - [Creating 5ESS Multiple Verifies](#)
 - [Creating DMS Multiple Verifies](#)

END OF STEPS

Creating 5ESS Multiple Verifies

To create 5ESS Multiple Verifies for views with optional keys, see the section [Creating Multiple Verifies- 5ESS Views with Optional Keys](#).

To create 5ESS Multiple Verifies for views without optional keys, do the following:

- 1 Select the view that you want, as follows:
 - a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The text cursor is located at the first key field.

- b. Enter the field values, and select the **ACCEPT** action button. If you do not want to do a query-by-example, you do not have to put any values in for the query.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-33 5ESS Multiple Verify Worklist

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLSTI																LINE CLASS CODE {4.1}	
AUT01J14PCH																5E14	
RC MODE:																ORDER:	
*1. LCC																<u>10Y</u>	
*2. RAX																<u>1</u>	
#3. SERVCL																<u>10PTY</u>	
#4. TERM																<u>PARTY</u>	
#5. SCR																<u>1</u>	
6. LINESCRN																<u>N</u>	
7. DAS																<u>1</u>	
#8. INSEP																<u>252</u>	
#9. DESEP																<u>254</u>	
COUNT																<u>2</u>	
11. LATA																<u></u>	
12. RMK																<u>10 PTY MULTFREQ</u>	
Found 98 records (Record: 1)																	
NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT																	

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

- 5 Enter the new order name, and press [ENTER].

- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the New button, the text portion of the screen is populated with the first RC in the list and several different action buttons appear on the bottom of the display, as shown below.

Figure 11-34 Selecting the Verify Mode of Operation

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		LINE CLASS CODE {4.1}						
AUTO1J14PCH		5E14						
RC MODE:		ORDER:						
*1. LCC	10Y							
*2. RAX	1							
#3. SERVCL	10PTY							
#4. TERM	PARTY							
#5. SCR	1							
6. LINESCRN	N							
7. DAS	1							
#8. INSEP	252							
#9. DESEP	254							
COUNT	2							
11. LATA								
12. RMK	10 PTY MULTFREQ							
DELETE CHANGE COPY VERIFY EXIT								

-
- 7 Perform the Verify operation by selecting the **VERIFY** button.

Result: A 5ESS Multiple Verify order is created containing the desired RCs.

END OF STEPS

Creating Multiple Verifies- DMS Tables

Creating DMS Multiple Verifies

To create DMS Multiple Verifies, do the following:

1 Select the table that you want, as follows:

- a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.

Result: The cascaded pull-down menu appears, which lets you choose the table within that control group.

- b. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the record selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The Query Selection window is displayed.

- b. Enter the query criteria and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-35 MS Multiple Verify Worklist

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLSTI NA014PEACHT	Home NPA Code Subtable {H_HNPACODE}	1 of 1 NA014
RC MODE: ORDER:		
*STS:	202	
*FROMDIGS:	214	
TODIGS:	214	
CD:	LRTE	
RR:	2	
<REMARKS>:	REMARK	
Found 246 records (Record: 1) RC: 202 214 214 LRTE 2 <REMARK>		
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT		

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

-
- 5 Enter the new order name, and press **[ENTER]**.
-

- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

After you select the New button, several different action buttons appear on the bottom of the display, as shown below.

Figure 11-36 Selecting the Verify Mode of Operation

The screenshot displays the 8950 VAM interface. At the top is a red navigation bar with the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below this bar, the text 'RLSTI' is on the left and 'Home NPA Code Subtable {H_HNPACODE}' is on the right. The main display area contains 'NA014PEACHT' on the left and 'NA014' on the right. A dashed horizontal line is positioned above a text entry field at the bottom of the main area. At the very bottom, there is an orange bar containing six buttons: DELETE, RANGE DELETE, CHANGE, COPY, VERIFY, and EXIT. The 'VERIFY' button is highlighted in yellow.

-
- 7 Perform the Verify operation by selecting the **VERIFY** button.

Result: A DMS Multiple Verify order is created containing the desired RCs.

END OF STEPS

Creating Multiple Verifies- 5ESS Views with Optional Keys

Introduction 8950 VAM lets you create a list of records to be used as Multiple Verifies. When you create Multiple Verifies for 5ESS views with optional keys, you can only create 1000 verifies per verify session.

To create Multiple Verifies for views 9.6, 10.17, 15.15, 15.16, and 15.17, see the section [Creating 5ESS Multiple Verifies for Views without Key Sets](#).

To create Multiple Verifies for views 1.6, 1.8, 1.11, 1.12, 1.22, 1.37, 5.1, 5.11, 5.21, 5.24, 5.26, 5.27, 5.28, 5.29, 5.30, 5.31, 5.33, 5.41, 5.42, 5.51, 5.64, 12.9, 23.2, 23.8, 23.10, 23.17, 23.20, 23.21 and 23.40, see the section [Creating 5ESS Multiple Verifies for Views with Key Sets](#).

Creating 5ESS Multiple Verifies for Views without Key Sets

To create 5ESS Multiple Verifies for views without key sets, do the following:

-
- 1** Move the mouse cursor over the **ADMIN** portion of the menu bar, and select the **MULTIPLE VERIFY** option.
-
- 2** Select the **INPUT** action button, as shown below.

Figure 11-37 Multiple Verify (MVER) Screen

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI MULTIPLE VERIFY {MVER}

AUT01J14PCH LAST ACCESSED ORDER: NEWORDER82302 5E14

ORDER: VIEW #:

INPUT

- 3 Enter the Order Name and the View number, and press [ENTER].
- 4 If the view has more than one optional key set, you will be prompted as shown below. In this example, *CITYCODE* is the first key in the range.

Figure 11-38 Multiple Verify Range Key Dialog Box

Answer YES or NO

Do you wish to use another key besides CITYCODE for the range ? YES NO

- 5 Do one of the following:
 - If you want to use the first key set for the range, select the *NO* action button.

- If you want to change the key set to use for the range, select the **YES** action button.

6 Enter the range, as shown below.

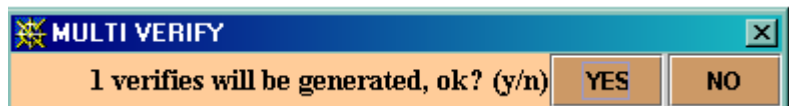
Figure 11-39 Entering a Range

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		MULTIPLE VERIFY {MVER}						
AUT01J14PCH		LAST ACCESSED ORDER: MULTVERIFY1						5E14
ORDER: <u>MULTVERIFY1</u>		VIEW #: <u>9.6</u>						
CITYCODE(4)								
IDDD_PREFIX								
CAC								
FROM LDIT(1)								
TO LDIT(1)								
City Code. Enter 1 to 7 digits.								
EXIT								

7 Press [ENTER].

Result: The following prompt is displayed, indicating the number of verifies to be generated.

Figure 11-40 Multiple Verify Box



-
- 8** To create the verifies, select the **YES** action button.

Result: 5ESS Multiple Verify RCs are created.

.....
END OF STEPS
.....

**Creating 5ESS Multiple
Verifies for Views with Key
Sets**

To create 5ESS Multiple Verifies for views with key sets, do the following:

-
- 1** Move the mouse cursor over the **ADMIN** portion of the menu bar, and select the **MULTIPLE VERIFY** option.
-
- 2** Select the **INPUT** action button.
-
- 3** Enter an order name and view number, as shown below.

Figure 11-41 Creating a 5ESS Multiple Verify List

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		MULTIPLE VERIFY {MVER}						
AUT01J14PCH		LAST ACCESSED ORDER: MULTIVERIFY4						5E14
ORDER: <u>MULTIVERIFY4</u>		VIEW #: _____						
0846: Cover sheet does not exist; creating cover sheet for MULTIVERIFY4								
EXIT								

Result: After entering a new order name, a cover sheet is automatically created for this order; after entering the view number, the following dialog box is displayed. (1.6 is used for example)

Figure 11-42 Optional Key Set Dialog Box

Choose Optional Key Set

Choose one Key Set and press ACCEPT.

☐ 1. TN

☐ 2. OE_ENTYPE OE_LEN PTY

☐ 3. MLHG MEMB

ACCEPT

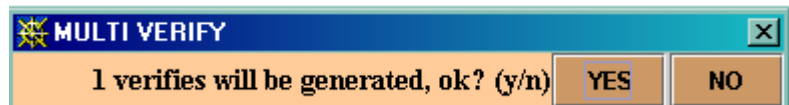
EXIT

-
- 4 Select the key set(s), and select the **ACCEPT** action button.

-
- 5 Enter the range, and press [ENTER].

Result: The following prompt is displayed, indicating the number of verifies to be generated.

Figure 11-43 Multiple Verify Box



-
- 6 To create the verifies, select the **YES** action button.

Result: 5ESS Multiple Verify RCs are created.

END OF STEPS

Creating Multiple Copy RCs Orders

Introduction 8950 VAM lets you query the database to create a list of records to be used as a Multiple Copy order. From this list, you can change key and non-key data fields. In this way, Multiple Copy is used to create a new set of RCs from a selected list of records. Multiple Copy can only be performed on a view with two or more key fields.

To create this order, you perform the following process:

-
- 1** Select the View or Table.
 -
 - 2** Query the database to create a worklist of desired Views or Tables.
 -
 - 3** Perform the Multiple operation.
 -
 - 4** Edit the worklist to remove unwanted entries.
 -
 - 5** Assign an order name, and associate the order with a cover sheet.
 -
 - 6** Perform the Copy operation.
 -
 - 7** Change any desired key and non-key fields.

For complete instructions, see the sections

- [Creating 5ESS Multiple Copy RC Orders for Views without Optional Key Sets](#)
- [Creating a DMS Multiple Copy Order](#)

END OF STEPS

Creating 5ESS Multiple Copy RC Orders for Views without Optional Key Sets

To create a 5ESS Multiple Copy order for views without optional key sets, do the following:

1 Select the records you want to copy, as follows:

- a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select the class of interest.

Result: The cascaded pull-down menu appears, which lets you choose the view within that class.

- b. Select the desired view from the cascaded menu.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing views you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The text cursor is located at the first key field.

- b. Enter the desired key field values, and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-44 5ESS Multiple Copy Worklist

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLSTI		LINE CLASS CODE {4.1}															
AUT01J14PCH																5E14	
RC MODE:		ORDER:															
*1. LCC		10Y															
*2. RAX		1															
#3. SERVCL		10PTY															
#4. TERM		PARTY															
#5. SCR		1															
6. LINE SCR N		N															
7. DAS		1															
#8. INSEP		252															
#9. DESEP		254															
COUNT		2															
11. LATA																	
12. RMK		10 PTY MULTFREQ															
Found 98 records (Record: 1)																	
NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT																	

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

-
- 5 Enter the new order name, and press **[ENTER]**.
-

- 6 Select the **NEW** button for the new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

After you select the New button, the text portion of the screen is populated with the first record in the list and several different action buttons appear on the bottom of the display, as shown below.

Figure 11-45 Selecting the Copy Mode of Operation

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI LINE CLASS CODE {4.1}

AUTO1J14PCH 5E14

RC MODE: ORDER:

*1. LCC 10Y
*2. RAX 1
#3. SERVCL 10PTY
#4. TERM PARTY
#5. SCR 1
6. LINE SCR N
7. DAS 1
#8. INSEP 252
#9. DESEP 254
COUNT 2
11. LATA
12. RMK 10 PTY MULTFREQ

DELETE CHANGE COPY VERIFY EXIT

-
- 7 Perform the Copy operation by selecting the **COPY** button.

Result: The text cursor is located at the first key field.

- 8 Change any desired fields, and select the **ACCEPT** action button.

Result: The text cursor is located at the first non-key field. The record, that is being copied, is displayed as shown below.

- 9 Change any desired non-key fields, and select the **ACCEPT** action button.

Result: The Insert RCs prompt is displayed.

Figure 11-46 Template Creation

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLSTI		LINE CLASS CODE {4.1}															
AUT01J14PCH		LAST ACCESSED ORDER: RLS8262002 RC: 359473 (1.6)												5E14			
RC MODE:		ORDER:															
*1. LCC		100															
*2. RAX		—															
#3. SERVCL		—															
#4. TERM		—															
#5. SCR		—															
6. LINESCRN		—															
7. DAS		—															
#8. INSEP		—															
#9. DESEP		—															
COUNT		—															
11. LATA		—															
12. RMK		—															
0137: Enter data																	

Service class. Refer to RC Manual for SERVCL.																	
ACCEPTEXIT																	

- 10 Do one of the following:
- Select **NO** to create INSERT RCs. No RCs will be created for any record whose keys already exist in the shadow database.

- Select **YES** to create INSERT RCs. All RCs will be created, even if records already exist.

5ESS Multiple Insert RCs are associated with the Order.

END OF STEPS

Creating a DMS Multiple Copy Order

To create a DMS Multiple Copy order, do the following:

1 Select the record you want to copy, as follows:

- a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.

Result: The cascaded pull-down menu appears, which lets you choose the table within that control group.

- b. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the table selected, and several different action buttons appear on the bottom of the display.

2 Query the database to create a worklist containing records you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The Query Selection window is displayed.

- b. Enter the query criteria and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-47 DMS Multiple Copy Worklist

OFFICES		TABLES		LINKED TABLES		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
RLSTI NA014PEACHT										Home NPA Code Subtable {H_HNPACODE}				1 of 1 NA014			
RC MODE: ORDER:																	
*STS:		202															
*FROMDIGS:		214															
TODIGS:		214															
CD:		LRTE															
RR:		2															
<REMARKS>:		REMARK															
Found 246 records (Record: 1) RC: 202 214 214 LRTE 2 <REMARK>																	
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT																	

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

-
- 5 Enter the new order name, and press **[ENTER]**.
-

- 6 Select the **NEW** button for the new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the New button, several different action buttons appear on the bottom of the display, as shown below.

Figure 11-48 Selecting the COPY Mode of Operation

The screenshot displays the 8950 VAM interface. At the top, a red navigation bar contains the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below this bar, the main display area shows 'RLSTI' on the left and 'Home NPA Code Subtable {H_HNPACODE}' in the center. On the left side of the main area, the text 'NA014PEACHT' is displayed, and on the right side, 'NA014' is displayed. At the bottom of the screen, a row of action buttons is visible: DELETE, RANGE DELETE, CHANGE, COPY, VERIFY, and EXIT. The 'COPY' button is highlighted with a yellow background, indicating it is the selected option.

-
- 7 Perform the Copy operation by selecting the **COPY** button.

Result: The **MULTRC Change Field** screen is displayed with only key values in the **FIELD:** drop-down box.

-
- 8** Change any desired key fields, and select the **ACCEPT** action button.

Important! You are required to change at least one field but not all the key fields.

- 9** Change any desired non-key fields, and select the **ACCEPT** action button.

Result: The Insert RCs prompt is displayed.

- 10** Do one of the following:

- Select **NO** to create INSERT RCs. No RCs will be created for any record whose keys already exist in the shadow database.
- Select **YES** to create INSERT RCs. All RCs will be created, even if records already exist.

A Multiple Copy order is created containing the desired RCs.

END OF STEPS

Digilator Range Delete - DMS Tables

Introduction The Digilator Range Delete option provides a method to generate a batch of Delete RCs against a Digilator table, either by using a range input by the user, or based on query results returned as input into the MULT RC power tool.

Important! Both procedures are used only for DMS digilator tables where the range consists of two strings, for example, FROMDIGS and TWODIGS.

Creating a DMS Digilator Range Delete

To create a DMS Digilator Range Delete order, do the following:

- 1** Select the type of Delete table that you want, as follows:
 - a. Move the mouse cursor over the **TABLES** portion of the menu bar, and select the table of interest.
 - b. Select the desired table from the cascaded menu.

Result: The text portion of the screen is populated with the table selected, and several different action buttons appear on the bottom of the display.

- 2** Query the database to create a worklist containing records you want, as follows:
 - a. Move the mouse cursor over the **QUERY** action button and select it.

Result: The Query Selection window is displayed.

- b. Enter the query criteria and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 11-49 DMS Multiple Delete Worklist

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLSTI NA014PEACHT	Home NPA Code Subtable {H_HNPACODE}	1 of 1 NA014
RC MODE: ORDER:		
*STS:	202	
*FROMDIGS:	214	
TODIGS:	214	
CD:	LRTE	
RR:	2	
<REMARKS>:	REMARK	
Found 8 records (Record: 1)		
RC: 202 214 214 LRTE 2 <REMARK>		
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT		

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

- 4 Edit the worklist to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The order number dialog box is displayed.

-
- 5 Enter the new order name, and press **[ENTER]**.
-

- 6 Select the **NEW** button for a new order.

Result: 8950 VAM automatically creates a new cover sheet and associates the order with this cover sheet. The new cover sheet contains no pertinent dates related to the order.

Result: After you select the New button, several different action buttons appear on the bottom of the display, as shown in Figure 11-22.

Figure 11-50 Selecting RANGE DELETE

The screenshot displays a software interface with a red header bar containing the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the header, the main area has a light orange background. At the top left of this area is the text 'INT'. To its right is the text 'Home NPA Code Subtable {H_HNPACODE}'. Below these, on the left, is a text field containing 'VS0SNA14SPK', and on the right is a text field containing 'NA014'. At the bottom of the interface, there is a row of six buttons: 'DELETE', 'RANGE DELETE', 'CHANGE', 'COPY', 'VERIFY', and 'EXIT'. The 'RANGE DELETE' button is highlighted with a yellow background, while the others have a light orange background.

-
- 7 Perform the Range Delete operation by selecting the **RANGE DELETE** button.

Result: A DMS Multiple Delete order is created containing the desired RCs.

END OF STEPS

Alternate method to create DMS Digilator Range Delete

-
- 1 From the ADMIN Pull down Menu, select **DIGILATOR RANGE DELETE**.

Result: The Digilator Range Delete screen appears as shown below.

Figure 11-51 Digilator Range Delete

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT DIGILATOR RANGE DELETE

NOVYTRJ04PCH NA014

ORDER: TABLE:

INPUT

-
- 2 Select the INPUT button.

Result: The screen is now ready to accept data.

- 3 Enter an orderid followed by [ENTER].

Result: If the order does not exist, a message appears on the screen indicating that a cover page will be created.

- 4 Enter a table name in the TABLE field followed by [ENTER].

Result: Fields from the table are displayed, allowing the user to enter the range criteria for the delete, as shown in the figure that follows.

Figure 11-52 Entering Data for Digilator Range Delete

The screenshot shows a terminal window with a red header bar containing menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main title is "DIGILATOR RANGE DELETE". Below the title, the text "NOVYRJ04PCH" is followed by "LAST ACCESSED ORDER: BOBDIGTEST2 RC: 2773 (H_HNPACODE)" and "NA014" on the right. The form contains several input fields: "ORDER:" with the value "BOBDIGTEST2", "TABLE:" with the value "H_HNPACODE", "NPA_OR_STS" with the value "732", "FROMDIGS" with the value "1", and "TODIGS" with the value "100". At the bottom, there is a dashed line and the text "0 to 9, B to F, or N (up to 18 characters)". A yellow "EXIT" button is located at the bottom center of the screen.

-
- 5** After data for the final field is entered either the order is created or a message appears as follows:

No shadow records found within the specified digilator range.

E N D O F S T E P S

The REMARKS power tool

After executing a DMS query, the user can use the REMARKS power tool. REMARKS data entered by this power tool will be applied directly to the records selected by the query. This provides a method to update remarks on shadow database records without the need to create recent changes and send them to the switch.

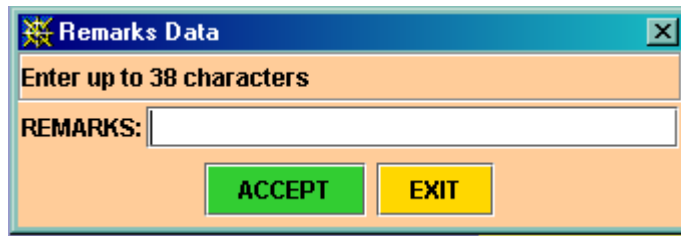
After the query, the **REMARKS** action button appears as shown in the following figure:

Figure 11-53 Remarks Action Button

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
INT Equal Access List of Other Common Carrier Names Table {OCCNAME} NA014PEACHT 1 of 1 NA014								
*CARRIER_NAMES: SAM REMARKS:								
Found 1 record (Record: 1) RC: SAM <>								
NEXT PREV GO TO INPUT LIST REPORTS MULT RC DB COPY REMARKS HIST EXIT								

After selecting this button, the following pop-up appears, allowing you to enter the **REMARKS** data.

Figure 11-54 Remarks Button Pop-Up

A screenshot of a Windows-style pop-up window titled "Remarks Data" with a close button (X) in the top right corner. The window has an orange background. Below the title bar, there is a text label "Enter up to 38 characters". Below that is a text input field with the label "REMARKS:" to its left. At the bottom of the window, there are two buttons: a green "ACCEPT" button and a yellow "EXIT" button.

Click **ACCEPT** to apply the data to the query records; otherwise, click **EXIT** to terminate.

Important! To null out the existing REMARKS data in the records selected by the query, place an exclamation point (!) in the REMARKS field of the Remarks Button Pop-Up.

12 Modifying Existing Orders Using Power Tools

Overview

Purpose This chapter describes using Power Tools to modify existing records in batch. Using Power Tools allows you to easily make similar changes to large numbers of existing records. You can use Power Tools to perform the following activities on existing records:

- Update similar data on selected RCs.
- Cancel large numbers of selected RCs.
- Assign a new order name to a selected list of RCs.
- Power Tools can also be used to create new orders in batch. For complete information on creating new orders, see Chapter 11.

- Objectives**
- This chapter provides information to perform the following:
 - Describe the steps used to update pending RCs in batch.
 - Describe the steps used to copy existing records in the shadow database in batch from one switch to another.
 - Describe the steps used to create a worklist on a selected summary, and perform the following:
 - Cancel RCs in batch.
 - Assign a new order name to RCs in batch.

The following topics are included in this chapter

Updating Existing RCs in Batch	12-3
Updating Existing 23.2 and 23.8 RCs in Batch	12-8
Copying Existing RCs in Batch	12-12
Canceling Pending RCs/Orders in Batch	12-17
Reassigning Pending RCs to Another Order	12-26
Change Mode on MULT RC	12-37



Updating Existing RCs in Batch

Introduction 8950 VAM allows you to query the database and update multiple existing RCs to make uniform global changes on selected key and non-key fields. You can update RCs that are pending.

For complete instructions, see the section

- [Updating Pending RCs](#)

For instructions on the 23.2 and 23.8 special views, see the section

- [Updating Pending 23.2 and 23.8 RCs](#)

Updating Pending RCs To update large numbers of pending RCs, do the following:

1 Select a view or table, as follows:

- a. Move the mouse cursor over the **CLASSES** or **TABLES** portion of the menu bar, and select the class or table you want.

Result: The cascaded pull-down menu appears.

- b. Select the desired view or table from the cascaded menu.

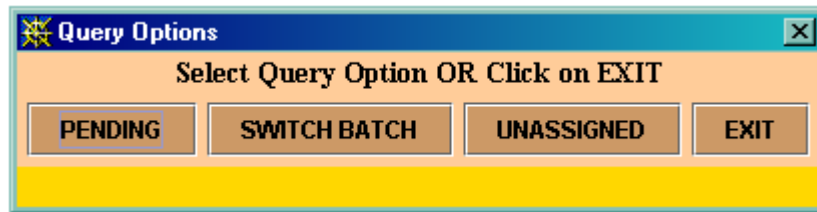
Result: The text portion of the screen is populated with the view or table selected, and several different action buttons appear on the bottom of the display.

2 Query the pending database to create a worklist containing views or tables you want, as follows:

- a. Move the mouse cursor over the **QUERY** action button and select it with the right mouse button.

Result: A window appears that allows you to select the type of query, as show below.

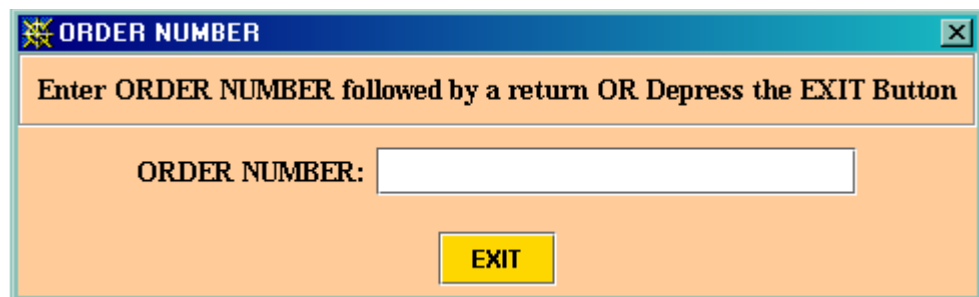
Figure 12-1 Selecting Type of Query



- b. Select the **PENDING** action button.

Result: The Order Number dialog box is displayed, as shown below.

Figure 12-2 Order Number Dialog Box



- c. Enter the order name associated with the pending RCs, and press **[ENTER]**.

Result: The text portion of the screen is populated with the view/table in the list, and several different action buttons appear on the bottom of the display.

- d. Enter the key or non-key field values, and select the **ACCEPT** action button.

Result: The system searches the pending database for the criteria entered and displays the first view or table found. The system also indicates the total number of records found. An example of the query results is shown below.

Figure 12-3 Query Results for Pending RCs

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI								
LINE CLASS CODE {4.1}								
AUT01J14PCH LAST ACCESSED ORDER: MULTVERIFY1 5E14								
RC MODE: V ORDER: MULTVERIFY1 RC NUMBER: 359476								
*1. LCC 980								
*2. RAX 33								
#3. SERVCL								
#4. TERM								
#5. SCR								
6. LINESCRN								
7. DAS								
#8. INSEP								
#9. DESEP								
COUNT								
11. LATA								
12. RMK								
Found 3 records (Record: 1)								
NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT								

- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a CHANGE column, as shown below.

LCC	RAX	CHANGE
980	33	☒
980	33	☒
980	33	☒

Y or N

- Result:** The text cursor is located at the first key field.

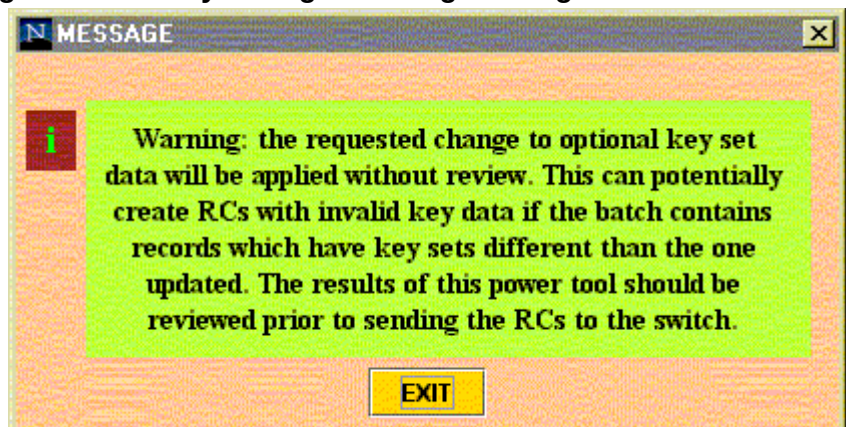
- 365-370-368R16.0
Issue 1, July 2010

- You can prepend data to both key and non-key fields by using the ^ character before the value. If a field contains ABC as the data and you enter ^123, the field value would be 123ABC. (You can also use ! to null out the contents of the entire field).
 - Since the entire field is not required to be entered when using the ^ character to prepend data, no field level validation will be performed.
 - If a selector field in the template is selected for global change, all subsequent fields in the tuple that are required for this selector must also be selected for global change.
-

6 Select the **ACCEPT** action button.

If you are changing the keys on a view containing optional keys, the operation will complete and implement the requested changes without verifying that they are logically correct. The following Warning message will be displayed:

Figure 12-5 Key Change Warning Message



Result: : The selected pending RCs are updated.

END OF STEPS

Updating Existing 23.2 and 23.8 RCs in Batch

- Introduction** This power tool lets users change either key or non-key data as follows:
- The maximum number of RCs generated by one MULT RC command is 2000, when this is exceeded, a warning message will be displayed. The first 2000 RCs will be processed.
 - Pending and Shadow 23.2 and 23.8 records can be updated.
 - There will be two sets of RC operation mode after the user is on the power tool refinement window. These are defined below:
Only CHANGE, DELETE and VERIFY are allowed if there exists no record in the power tool refinement window with key type equal to OE and also marked as "Y" in the change column.
Only DELETE and VERIFY are allowed for OE case and there will be a prompt message to display to the user, which indicates this set of RC operation will be allowed prior the power tool refinement window.
 - The key fields can only be changed if the query result are coming from the pending database.
 - The key and data changes as made are applied to each record in the (possibly refined) batch set. New RCs are created.

Updating Pending 23.2 and 23.8 RCs To update large numbers of pending 23.2 and 23.8 RCs, do the following:

- 1 Select the 23.2 or 23.8 view, as follows:
 - a. Move the mouse cursor over the **CLASSES** portion of the menu bar, and select either the 23.2 or 23.8 view.

Result: The text portion of the screen is populated with the view selected, and several different action buttons appear on the bottom of the display.
 - 2 Query the database to create a worklist containing view you want, as follows:
 - a. Move the mouse cursor over the **QUERY** action button and select it with the right mouse button.
-

- b. Select the **PENDING** action button.

Result: The Order Number dialog box is displayed.

- c. Enter the order name associated with the pending RCs, and press **[ENTER]**.

Result: The text portion of the screen is populated with the view in the list, and several different action buttons appear on the bottom of the display.

- d. Enter the key or non-key field values, and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first view or table found. The system also indicates the total number of records found.

3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a **CHANGE** column.

Important! If there is an OE key type in the set of results, a prompt message will be displayed to user after the user clicks the **MULT RC** button. This message will indicate the RC operation for this batch set will only be **DELETE** or **VERIFY**. The user has a choice to click continue or cancel. If the user selects cancel, the screen will bring back the query screen. If the user clicks the continue button, the screen will bring the user to the next screen. Select the **CONTINUE** action button.

4 Edit the worklist to remove unwanted entries, as follows:

There will have total of three major columns. The first column of the display is the key type, the second column is the key values and the last is the change column.

- key type = CKTTN, DPKTTN, ODBTN, PPB1TN, PPB2TN, CKTMLHG, DPKTMLHG, ODBMLHG, PPB1MLHG, PPB2MLHG or DSL OE.

- The first populated key found determines the key type. The search order is CKTTN, DPKTTN, ODBTN, PPB1TN, PPB2TN, CKTMLHG, DPKTMLHG, ODBMLHG, PPB1MLHG, PPB2MLHG, and OE.
- For key type of CKTTN, DPKTTN, ODBTN, PPB1TN, PPB2TN, one column (TN) is populated.
- For key type of CKTMLHG, DPKTMLHG, ODBMLHG, PPB1MLHG, PPB2MLHG, two columns (MLHG and TERM) are populated.
- For key type OE two columns, with the OE type and OE number are populated.
 - a. Use the arrow keys to move up and down through the CHANGE column on the worklist. For each entry in the worklist, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

After the user has done the selection from that batch set, the program will also do the last check to see if the user has excluded all the OE key types. If the user does it, the RC operation will change back to CHANGE, DELETE, or VERIFY. If not, only DELETE or VERIFY will be allowed.

Result: The text cursor is located at the first key field.

5 Using the arrow keys, locate and change the necessary fields.

When changing fields, note the following:

- You can prepend data to both key and non-key fields by using the ^ character before the value. If a field contains ABC as the data and you enter ^123, the field value would be 123ABC. (You can also use ! to null out the contents of the entire field).
- Since the entire field is not required to be entered when using the ^ character to prepend data, no field level validation will be performed.
- If a selector field in the template is selected for global change, all subsequent fields in the tuple that are required for this selector must also be selected for global change.

-
- 6** Select the **ACCEPT** action button.

Result: The selected pending RCs are updated.

END OF STEPS

Copying Existing RCs in Batch

Copying RCs from the Shadow Database to Another Switch

To copy large numbers of records that already exist in the shadow database, do the following:

- 1 Select a view or table, as follows:
 - a. Move the mouse cursor over the **CLASSES** or **TABLES** portion of the menu bar, and select the class or table you want.

Result: The cascaded pull-down menu appears.

- b. Select the desired view or table from the cascaded menu.

Result: The text portion of the screen is populated with the view or table selected, and several different action buttons appear on the bottom of the display.

- 2 Query the database to create a worklist containing views or tables you want, as follows:

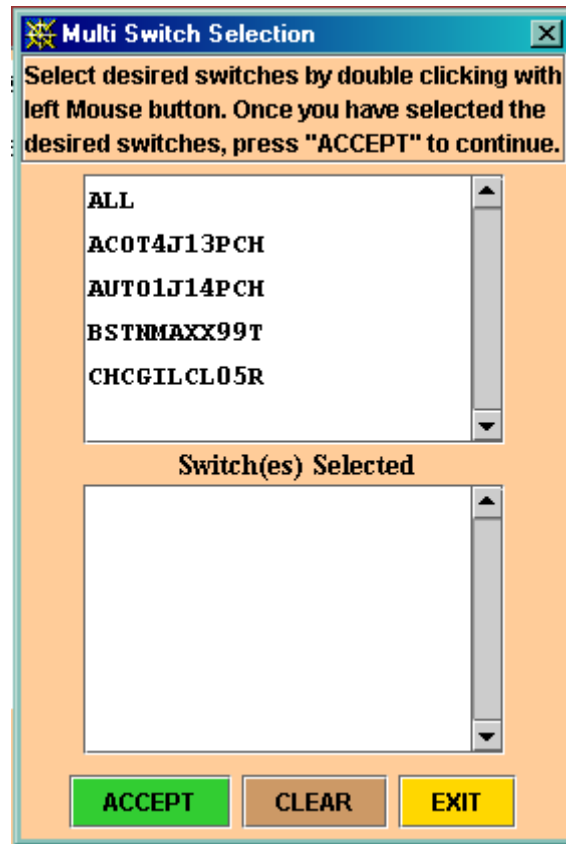
- a. Move the mouse cursor over the **QUERY** action button and select it with the right mouse button.

Result: A window appears that allows you to select the type of query.

- b. Select the **SWITCH BATCH** action button.

Result: The following window is displayed.

Figure 12-6 Multi Switch Selection Window



- c. Using the left mouse button, select the switches where the records are to be copied by double-clicking on the switch and then select the **ACCEPT** action button. The switches selected will be displayed to the lower part of the box.

Result: The text portion of the screen is populated with the first view/table in the list, and several different action buttons appear on the bottom of the display.

- d. Enter the field values, and select the **ACCEPT** action button.

Result: The system searches the database for the criteria entered and displays the first record found. The system also indicates the total number of records found.

-
- 3 Perform the Multiple operation by selecting the **MULT RC** action button.

Result: The text portion of the screen is populated with a Multiple Pop-up Window displaying the key fields and a CHANGE column.

-
- 4** Edit the worklist to remove unwanted entries, as follows:
- a. Use the arrow keys to move up and down through the **CHANGE** column on the worklist. For each entry in the worklist, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: The Order Number dialog box is displayed.

- 5** Enter a new order name or the number of an existing order, and select **NEW** or **APPEND**.
-

- 6** Select the **NEW** action button.

Result: The following window is displayed that allows you to change non-key fields.

Figure 12-7 Selecting the COPY Mode of Operation

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION			
RLSTI		LINE CLASS CODE {4.1}	
AUTO1J14PCH		LAST ACCESSED ORDER: MULTVERIFY1	
RC MODE:		ORDER: QUERY CLI: ACOT4J13PCH	
5E14			
*1. LCC	<u>10Y</u>		
*2. RAX	<u>1</u>		
#3. SERVCL	<u>10PTY</u>		
#4. TERM	<u>PARTY</u>		
#5. SCR	<u>1</u>		
6. LINE SCR N	<u>M</u>		
7. DAS	<u>1</u>		
#8. INSEP	<u>252</u>		
#9. DESEP	<u>254</u>		
COUNT	<u>2</u>		
11. LATA	<u></u>		
12. RMK	<u>10 PTY MULTFREQ</u>		

DELETE CHANGE COPY VERIFY EXIT			

- 7 Select the **COPY** action button.

Result: The text cursor is located at the first field.

- 8 Enter in the key field to alter and select the **ACCEPT** action button.

- 9 Using the arrow keys, locate and change the necessary non-key fields.

When changing fields, note the following:

- You can prepend data to non-key fields by using the ^ character before the value. If a field contains ABC as the data and you enter ^123, the field value would be 123ABC. You can also use ! to null out the contents of the entire field.

- Since the entire field is not required to be entered when using the ^ character to prepend data, no field level validation will be performed.
 - Non-key fields in the template up to the first selector field, and including the TODIGS field, may or may not be selected for global change by entering a value for the corresponding field.
 - If a selector field in the template is selected for global change, all subsequent fields in the tuple that are required for this selector must also be selected for global change.
 - If a selector field is selected for global change, then the changed selector value and all subsequent field values you enter are applied to all records in the queried batch.
-

10 Select the **ACCEPT** action button.

Result: A confirmation window is displayed.

11 Move the mouse cursor over the **YES** action button and select it.

Result: The selected RCs are copied.

END OF STEPS

Canceling Pending RCs/Orders in Batch

Introduction 8950 VAM allows you to query the database and cancel multiple pending RCs in the Ready, Reject or Open state. To cancel RCs, you use the results of an Order or RC Summary display to create a list of orders or RCs to be canceled.

For complete instructions, see the sections

- [Canceling 5ESS Pending RCs/Orders](#)
- [Canceling DMS Pending RCs/Orders](#)

Canceling 5ESS Pending RCs/Orders

To cancel 5ESS pending RCs in batch, do the following:

- 1** Move the mouse cursor over the **SUMMARIES** portion of the menu bar, and select the desired summary.

Result: The text portion of the screen is populated with the summary selected, and several different action buttons appear on the bottom of the display, as shown below. In the example below, an RC Summary screen was selected.

Figure 12-8 Using a Summary Screen to Cancel Orders

[illegible]

- 2 Move the mouse cursor over the **QUERY** action button and select it.
- 3 To query for the desired RCs, do the following:
 - a. To display only RCs in the Ready or Open state, use the **TAB** key to move to the state (ST) field, and enter ***RDY|OPN|REJ*** as shown below.

Important! To get RCs in the RDY, OPN and REJ states, use the pipe symbol (|) to get all the RCs in these states.

Figure 12-9 Querying for Orders to Cancel

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
RLSTI		RC SUMMARY {ORD}					
AUT01J14PCH		LAST ACCESSED ORDER: COPYBATCHTEST					5E14
ORDER	ST	RCV/TBL	KEY	MD RC#	DATE	USR	

RDY							
0109: Query on any field							

RDY OPN REJ							
ACCEPT EXIT							

- b. Enter data in any other summary fields to be used as the query criteria.

- 4 Move the mouse cursor over the **ACCEPT** action button and select it.

Result: 8950 VAM searches the database for the criteria entered and displays the number of orders found and several new action buttons, as shown below.

Figure 12-10 Results of the Query

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
RLSTI		RC SUMMARY {ORD}					
AUT01J14PCH		LAST ACCESSED ORDER: COPYBATCHTEST					5E14
ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR
MULTVERIFY1	OPN	9.6	001--1-	V	359471	08-26-02	RLSTI
MULTVERIFY1	OPN	9.6	002--1-	V	359472	08-26-02	RLSTI
MULTVERIFYX	OPN	1.6	-A-100-I--	V	359473	08-26-02	RLSTI
RLS8262002	OPN	4.1	980-33	I	359475	08-26-02	RLSTI
MULTVERIFY1	OPN	4.1	980-33	V	359476	08-26-02	RLSTI
MULTVERIFY1	OPN	4.1	980-33	V	359477	08-26-02	RLSTI
MULTVERIFY1	OPN	4.1	980-33	V	359478	08-26-02	RLSTI
EVH	OPN	8.58	222-222-0222-00222	V	359470	08-14-02	EVH
KBORDER	OPN	5.1	1--	I	359040	07-15-02	INT
KBORDER	OPN	5.1	2--	I	359041	07-15-02	INT
KBORDER	OPN	5.1	3--	I	359042	07-15-02	INT
KBORDER	OPN	5.1	4--	I	359043	07-15-02	INT
0877: 10000 or more RCs found. The first 10000 are displayed.							
ACCEPT NEXT PG PREV PG REPORTS MULT RC ORD INFO RC INFO X COPY EXIT							

- 5 Move the mouse cursor over the **MULT RC** action button and select it.

Result: The following dialog window is displayed.

Figure 12-11 Multiple RC Dialog Box



- 6 Move the cursor over the **CANCEL** action button and select it.

Result: The following pop-up window is displayed.

Figure 12-12 Multiple Pop-up Window

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION									
								5E14	
XT	RCV/TBL	KEY	MODE	RC#	DATE	ORDER	CHG? DEL?	USR	
								-02	RLSTI
OPN	9.6	001--1-	V	359471	08-26-02	MULTVERIFY1	Y	-02	RLSTI
OPN	9.6	002--1-	V	359472	08-26-02	MULTVERIFY1	Y	-02	RLSTI
OPN	1.6	-A-100-I--	V	359473	08-26-02	MULTVERIFYX	Y	-02	RLSTI
OPN	4.1	980-33	I	359475	08-26-02	RLS8262002	Y	-02	RLSTI
OPN	4.1	980-33	V	359476	08-26-02	MULTVERIFY1	Y	-02	RLSTI
OPN	4.1	980-33	V	359477	08-26-02	MULTVERIFY1	Y	-02	RLSTI
OPN	4.1	980-33	V	359478	08-26-02	MULTVERIFY1	Y	-02	EVH
OPN	8.58	222-222-0222	V	359470	08-14-02	EVH	Y	-02	INT
OPN	5.1	1--	I	359040	07-15-02	KBORDER	Y	-02	INT
OPN	5.1	2--	I	359041	07-15-02	KBORDER	Y	-02	INT
Y or N								-02	INT

ACCEPT
EXIT

- 7 Edit the list to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the CHG?/DEL? column on the list. For each entry in the list, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: A confirmation window is displayed.

- 8 Move the mouse cursor over the **YES** action button and select it.

Result: The selected RCs are canceled.

END OF STEPS

Canceling DMS Pending RCs/Orders

To cancel DMS pending RCs in batch, do the following:

- 1 Move the mouse cursor over the **SUMMARIES** portion of the menu bar, and select the desired summary.

Result: The text portion of the screen is populated with the summary selected, and several different action buttons appear on the bottom of the display, as shown below. In the example below, an RC Summary screen was selected.

Figure 12-13 Using a Summary Screen to Cancel Orders

The screenshot displays a software interface with a dark red menu bar at the top containing the following items: OFFICES, TABLES, LINKED TABLES, **SUMMARIES**, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the menu bar, the screen is divided into two main sections. The top section has a header area with 'RLSTI' on the left and 'RC SUMMARY {ORD}' in the center. Below this header, there are two input fields: 'NA014PEACHT' on the left and 'NA014' on the right. The main body of the screen contains a table with the following columns: ORDER, ST, RCV/TBL, KEY, MD RC#, DATE, and USR. The table is currently empty, with dashed lines indicating the column boundaries. At the bottom of the screen, there is a light orange bar containing two buttons: 'QUERY' and 'REDISPLAY'.

- 2 Move the mouse cursor over the **QUERY** action button and select it.

- 3 To query for the desired RCs, do the following:

- a. To display only RCs in the Ready, Open or Reject state, use the **TAB** key to move to the state (ST) field, and enter **RDY\OPN\REJ**.

Important! To get RCs in the RDY, OPN and REJ state, use the pipe symbol (|) to include all RCs in these states.

- b. Enter data in any other summary fields to be used as the query criteria.

- 4 Move the mouse cursor over the **ACCEPT** action button and select it.

Result: 8950 VAM searches the database for the criteria entered and displays the number of RCs found and several new action buttons, as shown below.

Figure 12-14 Results of the Query

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION								
RLSTI		RC SUMMARY {ORD}						
NA014PEACHT		NA014						
ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR	
XYZ	OPN	DIGCOL	ABC-OCT	I	8852	08-13-02	RLSTI	
TESTAC04	OPN	H_HNPACODE	202-227	C	8850	08-08-02	SAM	
TESTAC04	OPN	H_HNPACODE	202-278	I	8851	08-08-02	SAM	
ENTERITEST	OPN	TRKGRP	ACLLNAME	I	8847	07-15-02	TITLL	
ENTERITEST	OPN	TRKGRP	NEWCLLI	I	8848	07-15-02	TITLL	
ENTERITEST	OPN	TRKGRP	ANEWCLLI	I	8849	07-15-02	TITLL	
EVH-REG	OPN	XLNAME	CSRCT	I	8787	07-10-02	EVH	
EVH-REG	OPN	DNINV	407-484-1004	V	8788	07-10-02	EVH	
EVH-REG	OPN	OFRT	12	I	8789	07-10-02	EVH	
EVH-REG	OPN	OFRT	13	I	8790	07-10-02	EVH	
EVH-REG	OPN	OCCNAME	EVH	I	8791	07-10-02	EVH	
EVH-REG	OPN	S_STDPRT	ABC-1	I	8792	07-10-02	EVH	

0157: 1481 found

ACCEPT	NEXT PG	PREV PG	LIST RC	REPORTS	MULT RC	ORD INFO	RC INFO	X COPY	EXIT

- 5 Move the mouse cursor over the **MULT RC** action button and select it.

Result: The following dialog window is displayed.

Figure 12-15 Multiple RC Dialog Box



- 6 Move the cursor over the **CANCEL** action button and select it.

Result: The following pop-up window is displayed.

Figure 12-16 Multiple Pop-up Window

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION									
								NA014	
XT	RCV/TBL	KEY	MODE	RC#	DATE	ORDER	CHG? DEL?	USR	
								-02	RLSTI
OPN	DIGCOL	ABC-OCT	I	8852	08-13-02	XYZ	Y	-02	SAM
OPN	H_HNPACODE	202-227	C	8850	08-08-02	TESTAC04	Y	-02	SAM
OPN	H_HNPACODE	202-278	I	8851	08-08-02	TESTAC04	Y	-02	TITLL
OPN	TRKGRP	ACLLNAME	I	8847	07-15-02	NTERITEST	Y	-02	TITLL
OPN	TRKGRP	NEWCLLI	I	8848	07-15-02	NTERITEST	Y	-02	TITLL
OPN	TRKGRP	ANEWCLLI	I	8849	07-15-02	NTERITEST	Y	-02	EVH
OPN	XLNAME	CSRCT	I	8787	07-10-02	EVH-REG	Y	-02	EVH
OPN	DNINV	407-484-1004	V	8788	07-10-02	EVH-REG	Y	-02	EVH
OPN	OFRT	12	I	8789	07-10-02	EVH-REG	Y	-02	EVH
OPN	OFRT	13	I	8790	07-10-02	EVH-REG	Y	-02	EVH
Y or N								-02	EVH
ACCEPT EXIT									

-
- 7** Edit the list to remove unwanted entries, as follows:
- a. Use the arrow keys to move up and down through the CHG?/DEL? column on the list. For each entry in the list, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: A confirmation window is displayed.

- 8** Move the mouse cursor over the **YES** action button and select it.

Result: The selected RCs are canceled.

END OF STEPS

Reassigning Pending RCs to Another Order

Introduction 8950 VAM allows you to query the database and select pending RCs to be reassigned to a new order. To reassign RCs, you use the results of an Order or RC Summary display to create a list of RCs to be reassigned.

For complete instructions, see the sections

- [Reassigning 5ESS Pending RCs](#)
- [Reassigning DMS Pending RCs](#)

Reassigning 5ESS Pending RCs

To reassign 5ESS pending RCs to a new order, do the following:

Important! Only OPN and RDY RCs can be re-assigned.

- 1** Move the mouse cursor over the **SUMMARIES** portion of the menu bar, and select the desired summary.

Result: The text portion of the screen is populated with the summary selected, and several different action buttons appear on the bottom of the display, as shown below. In the example below, an Order Summary screen was selected.

[illegible]

- Result:** The following screen appears allowing you to query existing orders.

Figure 12-18 Querying for Orders to Reassign

OFFICESCLASSESLINKED VIEWSSUMMARIESORDER CMDSRC CMDSDADMINOPTIONSINFORMATION

RLSTIORDER SUMMARY

AUT01J14PCH5E14

ORDER	RCV/TBL	RDY DATE	RID DATE	SCC/PTD DATE	DUE DATE	COMP DATE	CANCEL DATE

0109: Query on any field

ORDER NUMBER ASSIGNED TO A GROUP OF RCs

ACCEPTEXIT

- 3 Enter data in the summary fields to be used as the query criteria. For example, tab to the RCV/TBL column and enter 5.1. Select the **ACCEPT** action button.

Result: 8950 VAM searches the database for the criteria entered and displays the number of RCs found and several new action buttons, as shown below.

Figure 12-19 Results of the Query

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
RLSTI				ORDER SUMMARY			
AUT01J14PCH				5E14			
ORDER	RCV/TBL	RDY DATE	RID DATE	SCC/PTD DATE	DUE DATE	COMP DATE	CANCEL DATE
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
SAM	5.1	03-11-02					
0157: 2364 found							
ACCEPT NEXT PG PREV PG REPORTS MULT RC ORD INFO RC INFO X COPY EXIT							

- 4 Move the mouse cursor over the **MULT RC** action button and select it.

Result: The following dialog window is displayed.

Figure 12-20 Multiple RC Dialog Box



- 5 Move the cursor over the **ASSIGN** action button and select it.

Result: The following pop-up window is displayed.

Figure 12-21 Multiple Pop-up Window

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
XT	RCV/TBL	KEY	MODE	RC#	DATE	ORDER	CHG? DEL?
RDY 5.1		0003--	V	178595	06-26-01	SAM	Y
RDY 5.1		0002--	V	178594	06-26-01	SAM	Y
RDY 5.1		0001--	V	178593	06-26-01	SAM	Y
RDY 5.1		602--	V	33325	10-25-99	SAM	Y
RDY 5.1		0004--	V	178596	06-26-01	SAM	Y
RDY 5.1		1313--	V	29574	09-01-99	NSC	Y
RDY 5.1		1--	V	78340	02-29-00	XMT1	Y
RDY 5.1		1--	C	78341	02-29-00	XMT1	Y
RDY 5.1		2--	V	30475	09-12-99	SSS0912095350	Y
RDY 5.1		550--	C	33230	10-19-99	NEWTG1	Y

Y or N

5E14

CANCEL
DATE

ACCEPT EXIT

- 6 Edit the list to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the CHG?/DEL? column on the list. For each entry in the list, enter **Y** (yes) to retain the entry or **N** (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: A confirmation window is displayed.

- 7 Move the mouse cursor over the **YES** action button and select it.

Result: The Order Number dialog box is displayed.

-
- 8** Enter the new order name, and press **[ENTER]**.

Result: The selected RCs are reassigned to the specified order name. If a Cover Sheet does not exist, 8950 VAM will create one automatically.

END OF STEPS

Reassigning DMS Pending RCs

To reassign DMS pending RCs to a new order, do the following:

Important! Only OPN and RDY RCs can be re-assigned.

- 1** Move the mouse cursor over the **SUMMARIES** portion of the menu bar, and select the desired summary.

Result: The text portion of the screen is populated with the summary selected, and several different action buttons appear on the bottom of the display, as shown below. In the example below, an Order Summary screen was selected.

Figure 12-22 Using a Summary Screen to Reassign RCs

[illegible]

- 2** Move the mouse cursor over the **QUERY** action button and select it.

[illegible]

- Result:** 8950 VAM searches the database for the criteria entered and displays the number of RCs found and several new action buttons, as shown below.

Figure 12-24 Results of the Query

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION								
RLSTI		RC SUMMARY {ORD}						
NA014PEACHT		NA014						
ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR	
EVH-REG	OPN	CLLI	EILEEN	C	8793	07-10-02	EVH	
EVH-REG	OPN	CLLI	CCC	I	8801	07-10-02	EVH	
EVH-REG	OPN	CLLI	TEST123	I	8807	07-10-02	EVH	
EVH-REG	OPN	CLLI	AAA	I	8829	07-10-02	EVH	
EVH-REG	OPN	CLLI	AAA	I	8830	07-10-02	EVH	
EVH-REG	OPN	CLLI	AAA	I	8831	07-10-02	EVH	
EVH-REG	OPN	CLLI	AAA	I	8832	07-10-02	EVH	
DB1	OPN	CLLI	AINR01ANN	I	8837	07-10-02	SAM	
DB1	OPN	CLLI	AIN_ATC	I	8838	07-10-02	SAM	
DB1	OPN	CLLI	AIN_IT	I	8839	07-10-02	SAM	
DB1	OPN	CLLI	AIS	I	8840	07-10-02	SAM	
DB1	OPN	CLLI	ANA_TO_SIDE_0	I	8841	07-10-02	SAM	
0157: 259 found								
ACCEPT NEXT PG PREV PG LIST RC REPORTS MULT RC ORD INFO RC INFO X COPY EXIT								

- Move the mouse cursor over the **MULT RC** action button and select it.

Result: The following dialog window is displayed.

Figure 12-25 Multiple RC Dialog Box



- Move the cursor over the **ASSIGN** action button and select it.

Result: The following pop-up window is displayed.

Figure 12-26 Multiple Pop-up Window

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION									
								NA014	
XT	RCV/TBL	KEY	MODE	RC#	DATE	ORDER	CHG? DEL?	USR	
								-02	EVH
OPN	CLLI	EILEEN	C	8793	07-10-02	EVH-REG	Y	-02	EVH
OPN	CLLI	CCC	I	8801	07-10-02	EVH-REG	Y	-02	EVH
OPN	CLLI	TEST123	I	8807	07-10-02	EVH-REG	Y	-02	EVH
OPN	CLLI	AAA	I	8829	07-10-02	EVH-REG	Y	-02	EVH
OPN	CLLI	AAA	I	8830	07-10-02	EVH-REG	Y	-02	EVH
OPN	CLLI	AAA	I	8831	07-10-02	EVH-REG	Y	-02	EVH
OPN	CLLI	AAA	I	8832	07-10-02	EVH-REG	Y	-02	SAM
OPN	CLLI	AINR01ANN	I	8837	07-10-02	DB1	Y	-02	SAM
OPN	CLLI	AIN_ATC	I	8838	07-10-02	DB1	Y	-02	SAM
OPN	CLLI	AIN_IT	I	8839	07-10-02	DB1	Y	-02	SAM
Y or N									

- 6 Edit the list to remove unwanted entries, as follows:
 - a. Use the arrow keys to move up and down through the CHG?/DEL? column on the list. For each entry in the list, enter *Y* (yes) to retain the entry or *N* (no) to remove the entry.
 - b. After selecting the appropriate entries, select the **ACCEPT** action button.

Result: A confirmation window is displayed.

- 7 Move the mouse cursor over the **YES** action button and select it.

Result: The order number dialog box is displayed.

-
- 8** Enter the new order name, and press **[ENTER]**.

Result: The selected RCs are reassigned to the specified order name. If a Cover Sheet does not exist, 8950 VAM will create one automatically.

E N D O F S T E P S

Change Mode on MULT RC

Manipulates on incorrect RC mode.

For example, the user creates an insert order with multiple RCs, and after sending the order finds that it should have been change order. With this feature the user will be able to change the mode from Insert to Change for all the RCs in that order.

To change the mode of Multiple RCs do the following:

- 1 Move the mouse cursor over the **SUMMARIES** portion of the menu bar, and select the desired summary.

Result: The text portion of the screen is populated with the summary selected, and several different action buttons appear on the bottom of the display, as shown below. In the example below, an RC Summary screen was selected.

Figure 12-27 Using Summary screen to Change mode on MULT RC

[illegible]

- 2** Move the mouse cursor over the **QUERY** action button and select it.

Result: The following screen appears allowing you to query existing orders.

[illegible]

- Result:** 8950 VAM searches the database for the criteria entered and displays the number of RCs found and several new action buttons, as shown below. If no criteria is entered, all the records are retrieved.

Figure 12-29 Results of the query

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION							
INT		RC SUMMARY {ORD}					
TEST5E16VMP		5E16FR5					
ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR
FFFF	OPN	9.3	1-1	I	323391	06-25-09	INT
RTRT	CAN	9.1	55	C	323384	06-01-09	INT
RTRT	CAN	9.1	54	C	323385	06-01-09	INT
TETE	CPD	9.1	243	V	323388	06-01-09	INT
RTRT	CAN	9.1	55	V	323389	06-01-09	INT
TETE	CPD	9.1	12	I	323390	06-01-09	INT
FF	OPN	9.3	1-731	C	323386	05-13-09	INT
FF	OPN	9.3	1-732	C	323387	05-13-09	INT
GTT7	CPD	9.3	001-001	I	323336	04-27-09	INT
TI041709000001	OPN	4.14	604-896-81	V	323382	04-17-09	INT
TI041709000002	OPN	5.1	3500--	C	323383	04-17-09	INT
FGHJ	OPN	9.3	001-001	C	323380	04-14-09	INT
0877: 10000 or more RCs found. The first 10000 are displayed.							
ACCEPT NEXT PG PREV PG REPORTS MULT RC ORD INFO RC INFO X COPY EXIT							

- 4 Move the mouse cursor over the **MULT RC** action button and select it.

Result: The following dialog window is displayed.

Figure 12-30 Multiple RC Dialog Box



- 5 Move the cursor over the **CHANGE** action button and select it.

Result: MULTIPLE RC dialog box is displayed as follows.

Figure 12-31 Multiple RC Change Mode dialog box



- 6** Select CHANGE action button to change the mode of Insert to Change.

Result: Presents a window listing all the OPN or RDY RCs in the query with the mode of Insert as shown in the following figure.

Similarly INSERT action button is used to change the mode of Change to Insert, VERIFY action button used to change the mode from Delete to Verify and DELETE action button used to change the mode from Verify to Delete.

Selecting INSERT will present a window listing all the RCs in the query with the mode of Change, selecting VERIFY will present a window listing all the RCs in the query with the mode of Delete and selecting DELETE will present a window listing all the RCs in the query with the mode of VERIFY.

Figure 12-32 Results of Change RC Mode to CHANGE.

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

5E16FR5

XT	RCV/TBL	KEY	MODE	RC#	DATE	ORDER	CHG? DEL?	USR
							-	INT
OPN	9.3	1-731	C	323386	05-13-09	FF	Y	INT
OPN	9.3	1-732	C	323387	05-13-09	FF	Y	INT
OPN	5.1	3500--	C	323383	04-17-09	TI0417090000002	Y	INT
OPN	9.3	001-001	C	323380	04-14-09	FGHJ	Y	INT
OPN	9.3	001-001	C	323381	04-14-09	DDD	Y	INT
OPN	9.3	001-2001	C	323374	04-13-09	GT56	Y	INT
OPN	9.3	001-001	C	323375	04-13-09	GT57	Y	INT
OPN	9.3	001-2001	C	323376	04-13-09	GT57	Y	INT
OPN	5.1	2001--	C	323377	04-13-09	TI0413090000001	Y	INT
OPN	9.3	001-001	C	323378	04-13-09	DFG	Y	INT
								INT
Y or N								

ACCEPT

EXIT

- 7 There will be a Y or N column with each RC defaulted to Y. The user will be able to select which of these RCs not to include by changing the Y to N. This works similar to the existing MULTRC selection window. Then click on ACCEPT action button.

Result: Change Mode from Insert to Change confirmation dialog box is displayed as follows:

Figure 12-33 Change Mode from Insert to Change dialog box



- 8** Click **NO** to return to RC summary screen.

-
- 9 Click **YES** to change all RCs selected from the query with a mode of Insert will be changed to RCs with a mode of Change.

Result: RCs selected from the query with a mode of Insert shall be changed to RCs with a mode of Change. The number of changes made shall be displayed. The user shall be returned to the RC Summary screen with the results of the query.

END OF STEPS

13 Perform 3 and 6 Digit Translations Using Power Tools

Overview

Purpose This chapter describes using Power tools to perform 3 and 6 digit translations in batch. Using Power Tools makes recent change work on the switch as convenient and efficient as possible.

Objectives This chapter provides information to perform the following:

- Enter information in the global or local tables.
- Perform 3 and 6 digit translations.

Contents The following topics are included in this chapter:

3 & 6 Digit Translations Feature Improvements	13-2
Introduction to 3 and 6 Digit Translations	13-3
Populating 5ESS Tables	13-4
Performing 5ESS 3 and 6 Digit Translations	13-9
Populating DMS Tables	13-15
Performing DMS 3 and 6 Digit Translations	13-26



3 & 6 Digit Translations Feature Improvements

- Improvements**
- One feature menu option instead of three.
 - 9.25 Office Profile no longer requires Recent Change to create or modify records.
 - 9.25 Office Profile determines the need for 3 digit translations.
 - User input used to distinguish between NPA and NXX translations.
 - Translations created for NXX's translated in RDIT as well as LDIT.
 - Option to send verifies prior to creating the recent changes.
 - DMS 3 & 6 Digit Translations Feature available.
 - Users no longer have to wait until the Digit Translations complete to continue other work. They will see the completed work notification in the Error and Message Status window, and they can view the 3 & 6 digit reports from the ADMIN menu. Users can also use the Order Info option to view order status.
 - Route/Rate Like Codes are now 6 digits to allow for overlay NPA splits.
 - The word SAME can be used as a valid Rate Like Code entry, to be used when the 3 and 6 digit tool is used to do a rehome order. In this case, the new code will be used as its own Rate Like Code.
 - If an equals (=) sign is entered into the **REMARKS** field, it will preserve the existing value of the **REMARKS** field in the new code in any processed LDITs when creating RCs for the order.

Important! 8950 VAM does not support either single quote (') or double quote (") in any data field.



Introduction to 3 and 6 Digit Translations

Overview The purpose of 3 and 6 digit translations is to streamline and automate a significant part of the recent change translations activity associated with opening new codes across multiple offices in an area. When a 3 digit code is to be opened across a number of offices in an area, there is a like code that is routed the same way and a like code that is rated or charged the same way. In some cases, these may turn out to be the same code. These codes are referred to as *like* codes.

To perform the translations associated with a new code opening in a particular office, a new LDIT (9.3) record must be created (or changed in the case of a vacant code) that provides the correct new routing and rating information. This must be done for each LDIT in the office that is used for digit analysis.

Performing Translations To perform 5ESS and DMS 3 and 6 digit translations, you perform the following activities:

- Populate data in the global and local tables.
- Perform the actual translation.



Populating 5ESS Tables

Introduction To perform 5ESS 3 and 6 digit translations, you must first enter data in the following tables:

- [6 DIGIT NPA Table](#)

This table contains the set of 3 digit NPAs--typically those within the company's serving area--that are candidates for creating 6 digit translations entries.

- The following local tables:

- [HOME NPA Table](#)

This table contains the date in which the NPA will no longer translate 7 digit code due to mandatory 10 digit dialing rules for this NPA. Once this date has been reached, the system will only perform 6 digit translations for that NPA.

- [SM LDIT Table](#)

This table is a new presentation of the fields that were previously entered on the 9.25 view. This table is used to associate each LDIT with its Serving NPA to be used to determine whether 7 digit dialing is applicable to that LDIT. The EXCLUDE field is used for excluding LDITS from both the Auto Code process and manual 3 & 6 digit translations feature.

6 DIGIT NPA Table To populate data in the global 6 DIGIT NPA table, do the following:

1 From the **ADMIN** menu, select the following sequence of options:

- CODE OPENING TABLES
- GLOBAL CODE ADMIN
- NPAs REQ 6 DIGIT TRANS

Result: The following screen is displayed.

Figure 13-1 6 DIGIT NPA Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI6DIGIT NPA TABLE

AUT01J14PCH5E14

*NPA
USER ID
HOST ID
DATE

INPUTQUERY

- 2 Select the **INPUT** action button.
- 3 Enter a value into the key field NPA. The value must lie in the range 200 through 999. The remaining fields will be automatically populated after clicking **ACCEPT**.
- 4 Select the **ACCEPT** action button.

END OF STEPS

HOME NPA Table To populate data in the local HOME NPA table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:

- CODE OPENING TABLES
- 5ESS OFFICE PROFILE
- HOME NPAS

Result: The following screen is displayed.

Figure 13-2 HOME NPA Table

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		HOME NPAS TABLE						
AUT01J14PCH		5E14						
*NPA END OF 7DIG XLATION DATE								
INPUT QUERY								

- 2 Select the **INPUT** action button, and enter the NPAs (200-999) that are translated for your office.

- 3 Select the **ACCEPT** action button.

END OF STEPS

SM LDIT Table To populate data in the local SM LDIT table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
 - CUSTOM INVENTORY
 - SM LDIT (9.25)

Result: The following screen is displayed.

Figure 13-3 SM LDIT Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI SM LDIT (9.25) CUSTOM INVENTORY {CUST9_25}

AUT01J14PCH 5E14

LDIT SERVING NPA EXCLUDE

QUERY UPDATE

- 2 Select the **UPDATE** action button.
- 3 Enter the LDIT (Local Digit Interpretation Table) that needs to be updated, and select the **ACCEPT** action button.

-
- 4 Change the data in any of the following fields:

Field Name	Value
SERVING NPA	NPA that serves that LDIT; 200-999
EXCLUDE	Y=Exclude and N or blank=not exclude

- 5 Select the **ACCEPT** action button.

Result: The SM LDIT table is populated with the data you specified.

END OF STEPS

Performing 5ESS 3 and 6 Digit Translations

Steps to Perform 5ESS Translation

To perform a 5ESS 3 and 6 digit translation, do the following:

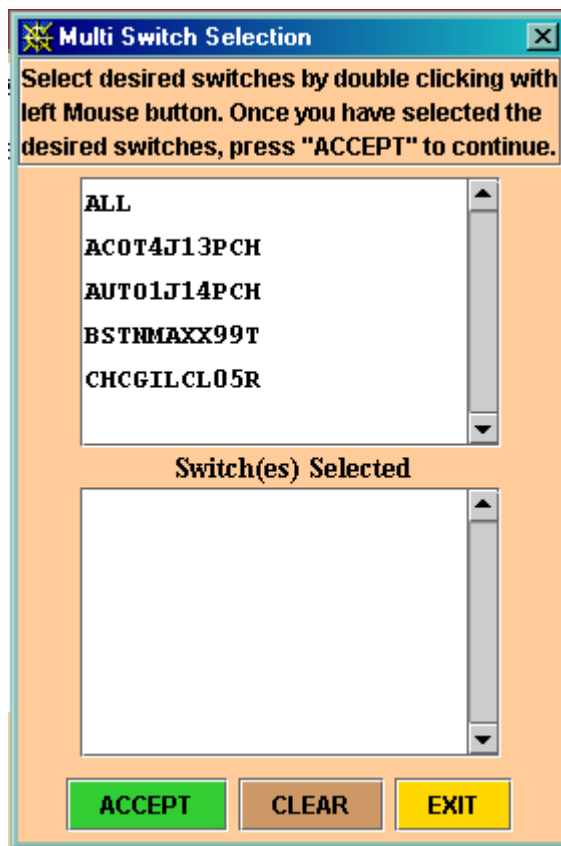
- 1 Move the cursor over the **ORDER CMDS** portion of the menu bar, and select the **3 & 6 DIGIT TRANSLATIONS** option, as shown below.

Figure 13-4 Selecting 5ESS 3 & 6 Digit Translations

The screenshot shows a terminal window with a menu bar at the top containing: OFFICES, CLASSES, LINKED VIEWS, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The 'ORDER CMDS' menu is open, displaying a list of options: COVER SHEET, OPN RSV, READY ORDER, SEND ORDER, STOP ORDER, CANCEL ORDER, UNCANCEL ORDER, ORDER INFO, SCHEDULE ORDER, GLOBAL REPLACE, and 3&6 DIGIT TRANSLATIONS. The '3&6 DIGIT TRANSLATIONS' option is highlighted. In the background, the main screen shows 'RLSTI' and 'RC SUM' at the top. Below this, there is a field for 'AUT01J14PCH' and a field for '5E14'. A table with columns 'ORDER', 'ST', 'RCV/TBL', 'DATE', and 'USR' is visible, with a dashed line separating the header from the data area. At the bottom of the screen, there are two buttons: 'QUERY' and 'REDISPLAY'.

Result: The text portion of the screen is populated with the following pop-up window.

Figure 13-5 Multi Switch Pop-up Window



-
- 2 Using the left mouse button, double click on the switches you want to include in the translation.

Result: The selected switches are displayed at the bottom half of the pop-up window.

- 3 Once you have selected all the switches needed, select the **ACCEPT** action button.

Result: The following dialog box is displayed.

Figure 13-6 Order Number Dialog Box

ORDER NUMBER

Enter ORDER # followed by return and then click NEW OR APPEND Button,
Otherwise Depress the EXIT Button

ORDER # TO BE CREATED:

NEW APPEND EXIT

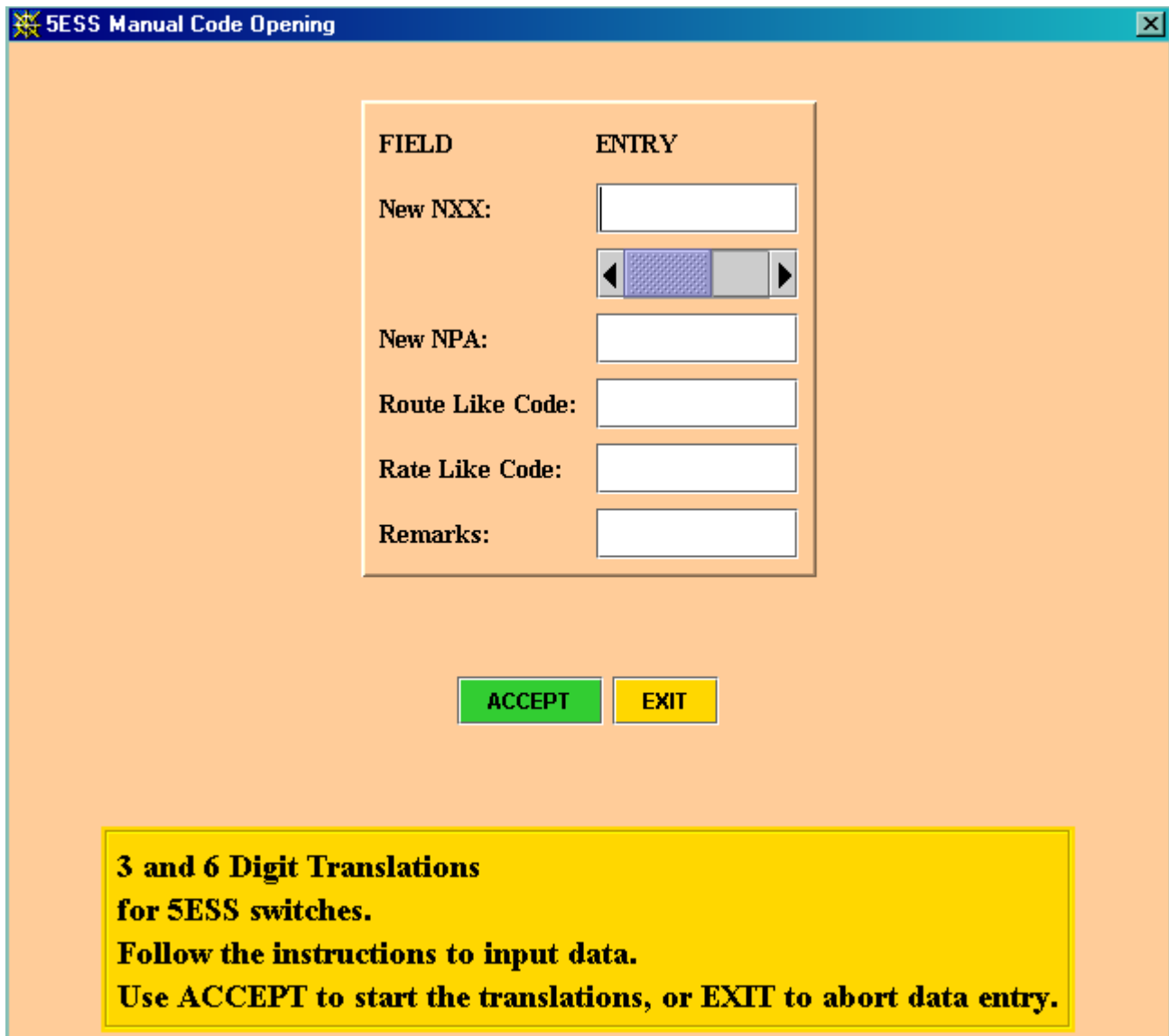
-
- 4 Enter the order name for the translation, and press **[ENTER]**.

Important! The order name format must be MCnpanxx-mmddyy for the order to flow through to the Code Administration System when the order completes. If you are not using the Automated Code Opening feature, then you can name your order as you wish.

- 5 Press the **NEW** action button.

Result: The following dialog box is displayed.

Figure 13-7 5ESS 3 and 6 Digit Translations Parameters Dialog Box



FIELD	ENTRY
New NXX:	 Left Arrow Right Arrow
New NPA:	
Route Like Code:	
Rate Like Code:	
Remarks:	

**3 and 6 Digit Translations
for 5ESS switches.
Follow the instructions to input data.
Use ACCEPT to start the translations, or EXIT to abort data entry.**

- 6 For each field, enter the digit code information, as follows. You must press [ENTER] after each entry.
 - **New NXX** - Optional field. The new 3-digit code to be opened across the selected offices. Up to 100 new codes may be specified and separated by blanks. If this field is left blank, the system assumes that you want to open a new NPA code.
 - **New NPA** - New area code to be opened or existing NPA for the new NXX; mandatory field from 200 - 999.

- **Route Like Code** - The existing digit code used to populate the route index field value for all of the new RCs created. For a 3-digit NPA code, enter 200-999 for NPA. For a 6-digit code, enter 200200-999999 for NPA/NXX.
- **Rate Like Code** - The existing digit code used to populate the code index field value for all the new RCs created. For a 3-digit NPA code, enter 200-999 for NPA. For a 6 digit code, enter 200200-999999 for NPA/NXX.

Important! When SAME is used for the Rate Like Code, then the input New NPA and New NXX(s) values will each be used as its own Rate Like Code. This application is for rehome orders where the user wishes to keep all the existing data on the New Code the same, only changing the route index.

- **Remarks** - Not required. Any remarks you would like to put into the Remarks field of the new 9.3 RCs created.

Important! 8950 VAM does not support either single quote (') or double quote (") in any data field.

7 Select the **ACCEPT** action button.

Result: The 3 & 6 Digit Translations Parameters dialog box closes, and the translation process begins. During this process, the error and message status window indicates the current status of the process and any error messages encountered.

8 To view the results of the translation, you can display a report. From the **ADMIN** menu, select the **3 & 6 DIGIT REPORTS** option.

Result: The 3 and 6 Digit Report browser window appears. You will only see the names of reports that you created, not those of other users. The name of the report file will be the Order name entered.

9 Select the report that you want to display and click **OPEN**.

Result: The selected report is displayed as shown below.

Figure 13-8 Sample 5ESS 3 & 6 Digit Report

 Report Browser: SAMPLE36DIGIT

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: Ratelike Code: 300301 Routelike Code: 200300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: Applicable LDITS = 1,2,3,4,5,6,7,9,10,11,16,17,23,31,32,33,40,41,81,88,100,

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: Applicable LDITS = 101

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 004 EXISTING CODE ALREADY MATCHES LIKE CODE(S) - NO TRANSLATIONS NEEDED FOR 9.3

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 2, INCOMINGDIGITS = 300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 3, INCOMINGDIGITS = 300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 4, INCOMINGDIGITS = 300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 5, INCOMINGDIGITS = 300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 6, INCOMINGDIGITS = 300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 7, INCOMINGDIGITS = 300

ACFILE: 09/03/2002 15:01 ACOT4J14PCH 732741

ACFILE: 003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 9, INCOMINGDIGITS = 300

File SAMPLE36DIGIT has 72 lines. Displayed from the first line up to line: 72

PRINT

EXIT

Important! You can also review the progress of this order by displaying the RC SUMMARY screen or Order Status option.

END OF STEPS

Populating DMS Tables

Introduction To perform DMS 3 and 6 digit translations, you must first enter data in the following local tables:

- [HOME NPA Table](#)

This table contains the date when the NPA will no longer translate 7 digit code due to mandatory 10 digit dialing rules. Once this date has been reached, the system will only perform 6 digit translations for that NPA.

- [L_LCASCRC Key Set Table](#)

This table lists the local area names needed for sub-table LCASCRC.

- [F_F_STSCODE Key Set Table](#)

This table lists all the key fields needed for sub-table STSCODE.

- [STDPRTCT Key Set Table](#)

This table associates each STDPRT with the Serving NPA to be used to determine whether 7-digit dialing is applicable to that STDPRT. Only visited for TOLL calling.

- [LATA XLA Key Set Table](#)

This table lists the LATA names needed for table LATA XLA. 999 should be entered for customers not using this table.

- [MUMRTAB Key Set Table](#)

This table associates each MUMRNAME with the SERVING NPA to determine if 7-digit dialing is applicable to that MUMRNAME.

- [RATE CENTER List Table](#)

This table identifies whether calls to various rate areas from each rate center are Zum, Local or Toll. None should be entered for customers not using this table.

- [C_CLSVSCRC Key Set Table](#)

This table is used to identify which CLSVSCRC subtables need to be translated for each rate center in the DMS switch. This list of subtables is determined by the rate type identified on the RATE CENTER List table for calls from this rate center to the code being opened.

HOME NPA Table To populate data in the HOME NPA table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
 - CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - HOME NPA

Result: The following screen is displayed.

Figure 13-9 HOME NPAS Option - DMS

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI HOME NPAS TABLE

NA014PEACHT NA014

*NPA
END OF 7DIG XLATION DATE

INPUT QUERY

- 2 Select the **INPUT** action button, and enter the NPAs (200-999) that are translated for your office.

-
- 3 Select the **ACCEPT** action button.

END OF STEPS

L_LCASCRC Key Set Table To populate data in the L_LCASCRC Key Set table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
- CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - L_LCASCRC Key Set

Result: The following screen is displayed.

Figure 13-10 L_LCASCRC Key Set Table

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI DMS OFFICE PROFILE - L_LCASCRC KEY SET

NA014PEACHT NA014

*STS
*LCANAME

INPUT QUERY

-
- 2 Select **Input**.
-

-
- 3** Enter data in the following key fields:

Field Name	Value
STS	serving translations scheme; 000-999
LCANAME	local calling area screening name; 4 alphanumeric characters

- 4** Select **Accept**.

F_F_STSCODE Key Set Table To populate data in the F_F_STSCODE Key Set table, do the following:

- 1** From the **ADMIN** menu, select the following sequence of options:
- CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - F_F_STSCODE Key Set

Result: The following screen is displayed.

Figure 13-11 F_F_STSCODE Key Set Table

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI DMS OFFICE PROFILE - F_F_STSCODE KEY SET								
NA014PEACHT NA014								
*STS								
INPUT QUERY								

Enter data in the following key field:

Field Name	Value
STS	serving translations scheme; 000-999

END OF STEPS

STDPRTCT Key Set Table To populate data in the STDPRTCT Key Set table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
 - CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - STDPRTCT Key Set

Result: The following screen is displayed.

Figure 13-12 STDPRTCT Key Set Table

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI DMS OFFICE PROFILE - STDPRTCT KEY SET

NA014PEACHT NA014

*EXTPRTNM
NPA

INPUT QUERY

- 2 Enter data in the following key fields:

Field Name	Value
EXTPRTNM	translator name; up to 8 alphanumeric characters
NPA	200-999

END OF STEPS

LATAXLA Key Set Table To populate data in the LATAXLA Key Set table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
- CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE

- LATA XLA Key Set

Result: The following screen is displayed.

Figure 13-13 LATA XLA Key Set Table

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI DMS OFFICE PROFILE - LATA XLA KEY SET NA014PEACHT NA014 *LATANM #LATA								
INPUT QUERY								

- 2 Enter data in the following fields:

Field Name	Value
LATANM	(key field); LATA name; up to 16 alphanumeric characters
LATA	3 digits; 000-999. 999 should be entered for customers not using this field

END OF STEPS

MUMRTAB Key Set Table To populate data in the MUMRTAB Key Set table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
 - CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - MUMRTAB Key Set

Result: The following screen is displayed.

Figure 13-14 MUMRTAB Key Set Table

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		DMS OFFICE PROFILE - MUMRTAB KEY SET						
NA014PEACHT		NA014						
*MUMRNAME								
#NPA								
INPUT QUERY								

-
- 2** Enter data in the following key fields:

Field Name	Value
MUMRNAME	1 to 8 alphanumeric characters
NPA	200-999

END OF STEPS

RATE CENTER List Table To populate data in the RATE CENTER List table, do the following:

- 1** From the **ADMIN** menu, select the following sequence of options:
- CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - RATE CENTER List

Result: The following screen is displayed.

Figure 13-15 RATE CENTER List Table

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI DMS OFFICE PROFILE - RATE CENTER LIST

NA014PEACHT NA014

*RATE CENTER
*RATE AREA
#RATE TYPE

INPUT QUERY

2 Enter data in the following fields:

Field Name	Value
RATE CENTER	(key field); up to 4 alphanumeric characters
RATE AREA	(key field); up to 10 alphanumeric characters. None should be entered for customers not using this field. Important! Use an underscore () for any embedded space within the rate area value. For example, if the value is "New Jersey" then enter "New_Jersey".
RATE TYPE	1 character; Z (Zum), L (Local) or blank (Toll)

END OF STEPS

C_CLSVSCRC Key Set Table

To populate data in the C_CLSVSCRC Key Set table, do the following:

- 1 From the **ADMIN** menu, select the following sequence of options:
 - CODE OPENING TABLES
 - DMS-100 OFFICE PROFILE
 - C_CLSVSCRC Key Set

Result: The following screen is displayed.

Figure 13-16 C_CLSVSCRC Key Set Table

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI								
DMS OFFICE PROFILE - C_CLSVSCRC KEY SET								
NA014PEACHT								
NA014								
*RATE CENTER								
*RATE TYPE								
*STS								
*SCRNCL								
*TYPCALL								
INPUT QUERY								

2 Enter data in the following key fields:

Field Name	Value
RATE CENTER	up to 4 alphanumeric characters
RATE TYPE	up to 4 alphanumeric characters
STS	Serving translations schema; 000-999
SCRNCL	Screening class; 4 alphanumeric characters
TYPCALL	Types of call; 2 characters; OA, NP, DD

END OF STEPS

Performing DMS 3 and 6 Digit Translations

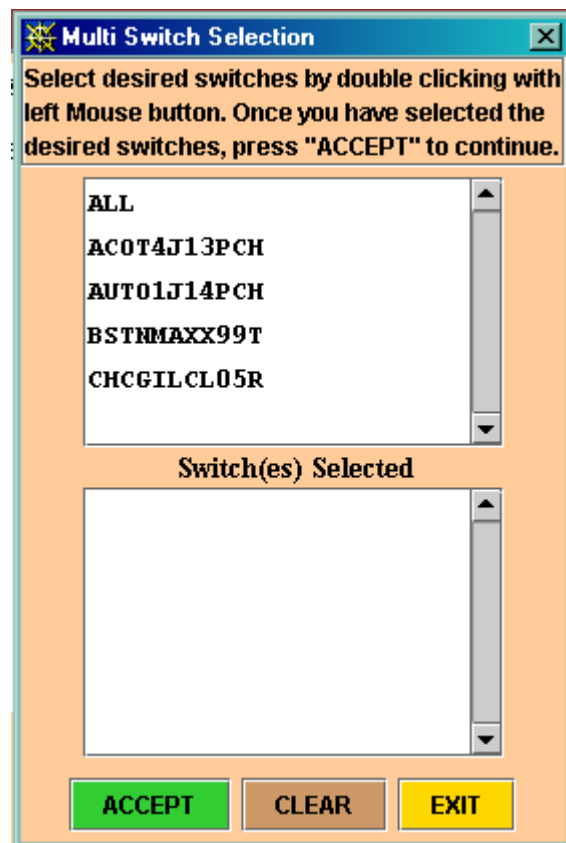
Steps to Perform DMS Translations

To perform a DMS 3 and 6 digit translation, do the following:

- 1 Move the cursor over the **ORDER CMDS** portion of the menu bar, and select the **3 & 6 DIGIT TRANSLATIONS** option.

Result: The text portion of the screen is populated with the following pop-up window.

Figure 13-17 Multi Switch Pop-up Window



- 2 Using the left mouse button, double click on the switches you want to include in the translation.

Result: The selected switches are displayed at the bottom half of the pop-up window.

-
- 3** Once you have selected all the switches needed, select the **ACCEPT** action button.

Result: The Order Number dialog box is displayed.

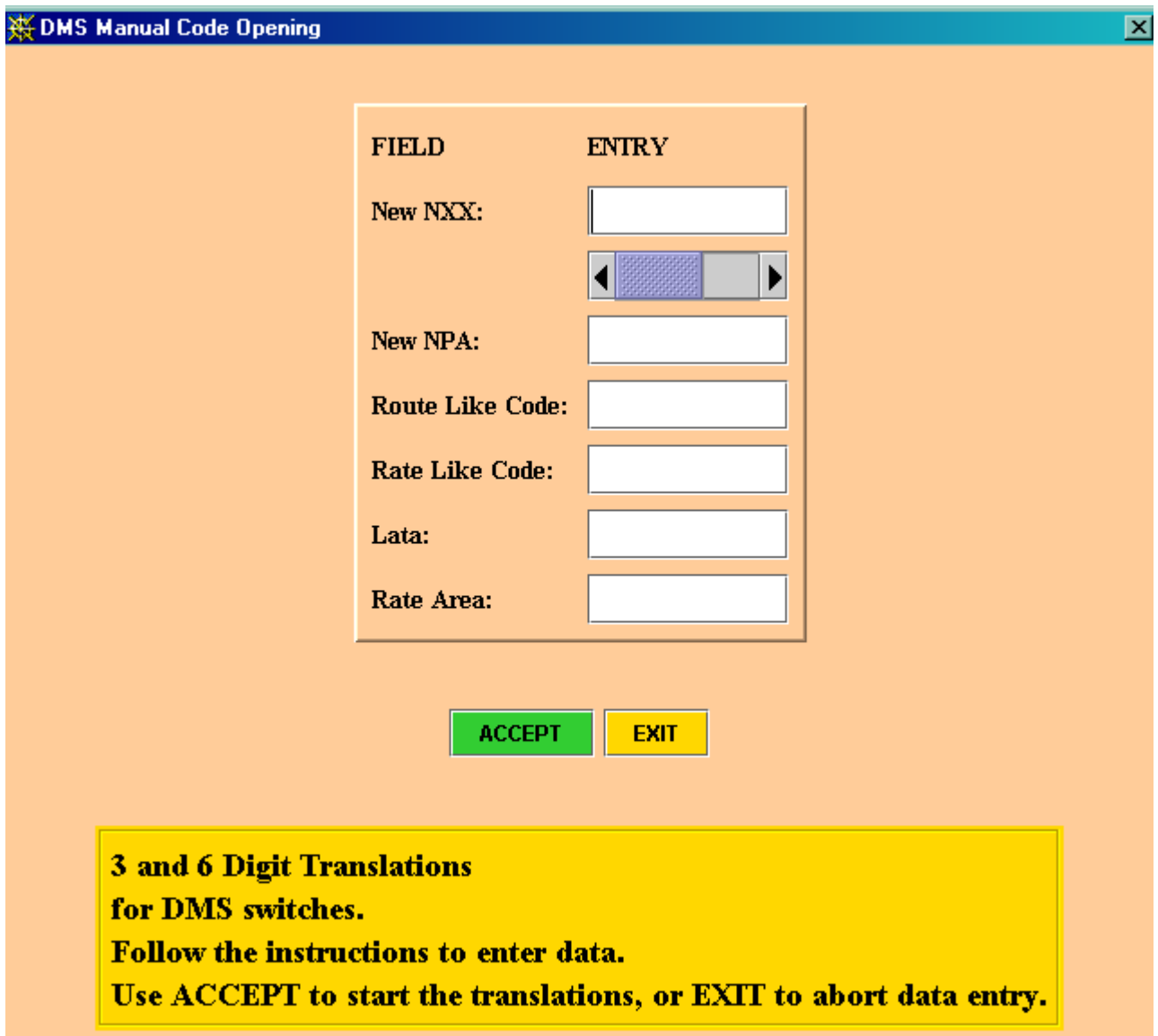
- 4** Enter the order name for the translation, and press **[ENTER]**.

Important! The order name format must be MCnpanxx-mmddyy for the order to flow through to the Code Administration System when the order completes. If you are not using the Automated Code Opening feature, then you can name your order as you wish.

- 5** Press the **NEW** action button.

Result: The following dialog box is displayed.

Figure 13-18 DMS 3 and 6 Digit Translations Parameters Dialog Box



FIELD	ENTRY
New NXX:	 Left Arrow Right Arrow
New NPA:	
Route Like Code:	
Rate Like Code:	
Lata:	
Rate Area:	

**3 and 6 Digit Translations
for DMS switches.
Follow the instructions to enter data.
Use ACCEPT to start the translations, or EXIT to abort data entry.**

- 6 For each field, enter the digit code information, as follows. You must press [ENTER] after each entry.
 - **New NXX** - Mandatory field. The new 3-digit code to be opened across the selected offices. Up to 100 new codes may be specified and separated by blanks.
 - **New NPA** - New area code to be opened or existing NPA for the new NXX; mandatory field from 200 - 999.

- **Route Like Code** - The existing digit code used to populate the route index field value for all of the new RCs created. For a 3-digit NPA code, enter 200-999 for NPA. For a 6-digit code, enter 200200-999999 for NPA/NXX.
- **Rate Like Code** - The existing digit code used to populate the code index field value for all the new RCs created. For a 3-digit NPA code, enter 200-999 for NPA. For a 6 digit code, enter 200200-999999 for NPA/NXX.

Important! When SAME is used for the Rate Like Code, then the input New NPA and New NXX(s) values will each be used as its own Rate Like Code. This application is for rehome orders where the user wishes to keep all the existing data on the New Code the same, only changing the route index.

- **LATA** - 3 numeric digits; 000-999. 999 should be entered for customers not using this field.
- **Rate Area** - 1 to 10 alphanumeric characters that identify the rate center in the switch. None should be entered for customers not using this field.

Important! Use an underscore (_) for any embedded space within the rate area value. For example, if the value is "New Jersey" then enter "New_Jersey".

7 Select the **ACCEPT** action button.

Result: The 3 & 6 Digit Translations Parameters dialog box closes, and the translation process begins. During this process, a message window appears indicating the current status of the process and any error messages encountered.

8 To view the results of the translation, you can display a report. From the **ADMIN** menu, select the **3 & 6 DIGIT REPORTS** option.

Result: You will only see the reports you created, not those of other users. The name of the report file will be the Order name entered. A sample report is shown below.

Figure 13-19 Sample DMS 3 & 6 Digit Report

Report Browser: DMS36DIGIT	
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	Ratelike Code: 200202 Routelike Code: 200201 Lata: 111 Ratearea: 23
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	013 TRANSLATIONS NOT REQUIRED FOR LATA/LA 717622
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	013 TRANSLATIONS NOT REQUIRED FOR TRIGDIG 717622
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	004 EXISTING CODE ALREADY MATCHES LIKE CODE(S) - NO TRANSLATIONS NEEDED FOR (
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	004 EXISTING CODE ALREADY MATCHES LIKE CODE(S) - NO TRANSLATIONS NEEDED FOR (
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	004 EXISTING CODE ALREADY MATCHES LIKE CODE(S) - NO TRANSLATIONS NEEDED FOR (
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	004 EXISTING CODE ALREADY MATCHES LIKE CODE(S) - NO TRANSLATIONS NEEDED FOR :
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	004 EXISTING CODE ALREADY MATCHES LIKE CODE(S) - NO TRANSLATIONS NEEDED FOR :
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	002 NO ROUTE LIKE CODE EXISTS FOR F_FNPACODE 717-622
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	002 NO ROUTE LIKE CODE EXISTS FOR H_HNPACODE 717-622
ACFILE:	09/04/2002 12:03 NA014PEACHT 717622
ACFILE:	PROCESSED - RC TOTAL=0
File DMS36DIGIT has 44 lines. Displayed from the first line up to line: 44	
PRINTEXIT	

Important! You can also review the progress of this order by displaying the RC SUMMARY screen or Order Status option.

END OF STEPS

14 Automated Code Openings Feature

Overview

Purpose The purpose of this chapter is to introduce the automated code openings feature associated with 8950 VAM.

Objectives Upon completion of this unit, you will be able to:

- Populate and interpret the Office Profile.
- Describe the process flow for an Automated Code Opening.
- Interpret the Tables, Reports and Log Files used for Automated Code Openings, and take appropriate action where required.

The following topics are included in this chapter

Background	14-3
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Background

Introduction The Automated Code Opening Feature automates most of the activity currently manually performed by translations technicians. Data needed to open new NXX codes is automatically downloaded into 8950 VAM on a daily basis via FTP file transfer from the company's Code Administration System. 8950 VAM validates the data based on its shadow database and automatically generates and schedules all required code openings for the upcoming month.

If the company has selected the option of internally generated Rate and Route Like codes, the Automated Code Opening feature derives the appropriate Rating and Routing Like codes using both the information from the code administration system and the user defined rule sets. If the company has selected the option of externally specified Rate and Route Like codes, the Automated Code Opening feature will use the Rate and Route Like codes specified by the company code administration system for each code opening.

Reports identify codes for which orders have been successfully scheduled as well as codes that cannot be handled automatically and must be manually opened.

Management Summary Reports provide management and system administrators the capability to track the efficiency of the Automated Code opening process.

A link to the code administration system allows 8950 VAM to automatically flow both database information and completed code openings back to the Code Administration System, thereby providing a timely and accurate feedback.

Customer options are provided that let automatic handling of either GROWTH or both GROWTH and REHOME types of code openings. In both cases, status reporting will be returned, Automated Code Openings will automate GROWTH, including status reporting, to the Code Administration system. Translations Technicians will still be responsible for translations pertaining to network rearrangements, e.g. REHOME, DWD, that are not handled by the Automated Code Opening feature, and processing the fallout from the GROWTH code opening orders that are handled by the Automated Code Opening feature.

In the new ACO Rehome feature, the REHCHG job is a job similar to Rehome, but other parameters besides the route index are changed. In the REHCHG job, the Route Index Value is taken from the Route Like Code. Values for NPA, OFFCOD and PORTED IN fields remain unchanged, and are not over written by code values. For the ACO process these jobs are identified as the REHCHG job type.

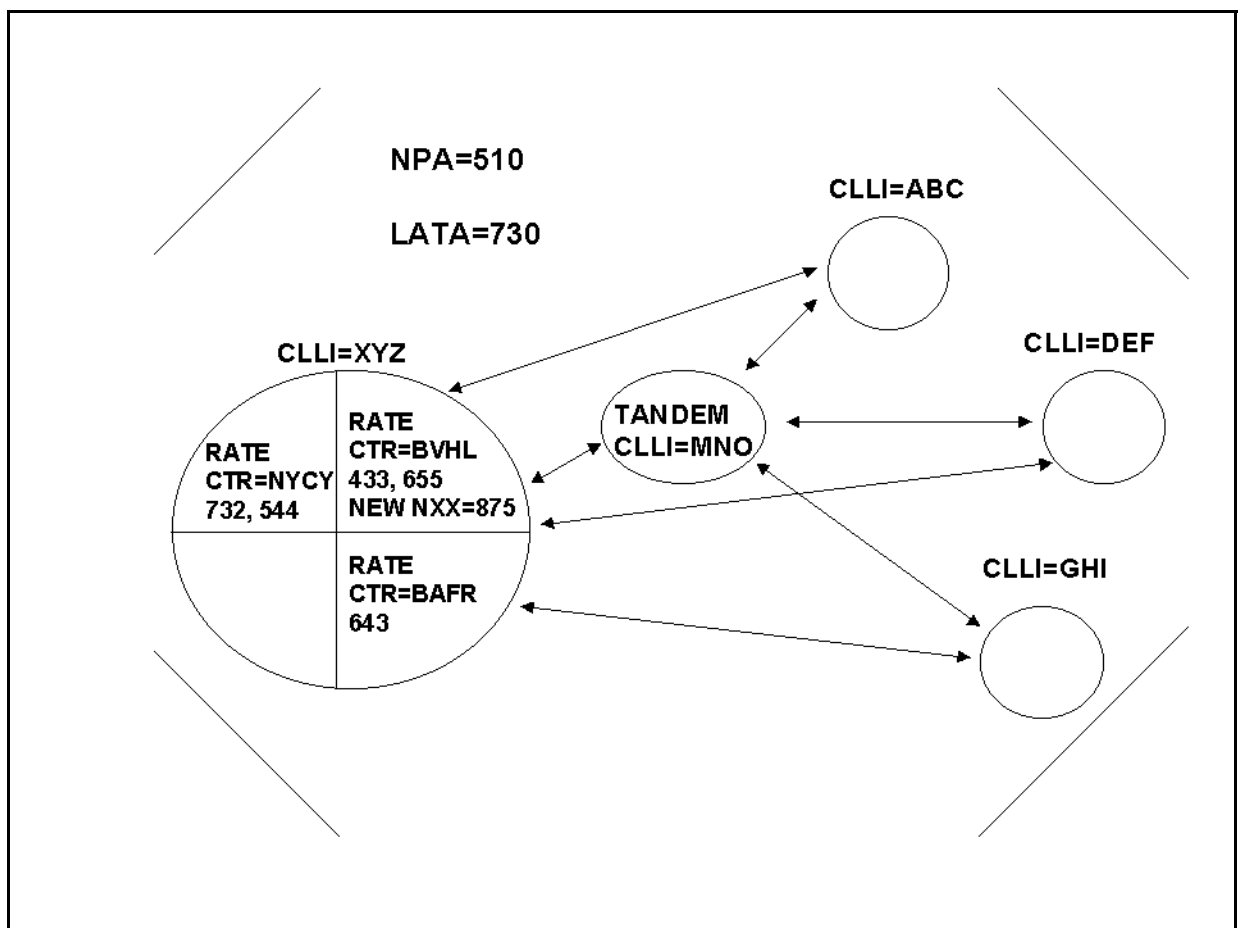


ROUTE LIKE and RATE LIKE CODE Concept

Overview for GROWTH Jobs

8950 VAM uses the concept of Route Like and Rate Like Codes in order to automate the provisioning of new NXX code openings in various switches in a company. When a new NXX code is built in a switch, the code must be opened (i.e. routing and rating translations must be created) in all switches that have traffic into that switch. For example, in the simplified network shown in the accompanying figure, if new NXX code 875 is added to rate center BVHL in switch XYZ, then translations must be created in switches ABC, DEF, and GHI to provide the correct routing and rating for calls into the 875 exchange. This translations activity is commonly referred to as opening code 875 in each of switches ABC, DEF, and GHI.

Figure 14-1 Route Like and Rate Like Code Flow for GROWTH



A methodology for creating the necessary routing and rating translations to open the code in each of these switches would be to use the concept of routing and rating like codes. A route like code is a working NXX code in the same switch where the new NXX code is being added, while a rate like code is an NXX code in the same rate center where the new NXX code is being added. If such a like code exists, then translations in each switch where the code needs to be opened can be created using the translations for the like code as a model or template. In the example figure, either 433 or 655 could be used both as a route like and a rate like code for opening new NXX code 875. Let us assume that 433 is the route and rate like code. This means that in switch ABC, for example, the routing and rating translations that support code 433 could be used as a template for creating routing and rating translations for new NXX code 875 in switch ABC. Likewise in switch DEF the routing and rating translations that support code 433 could be used as a template for creating routing and rating translations for new NXX code in 875 in switch DEF. This technique offers a mechanism for opening a new code in any switch by using the translations for a working like code in that same switch, and supports the creation of accurate code opening translations in each switch, regardless of how standardized the routing translations are across the various switches in the network.

In the case where the customer uses the internally generated Rate and Route Like codes, the determination of a route like and rate like code in the 8950 VAM Automated Code Opening Feature is made through the use of Route Like and Rate Like Code Lookup tables. In the Route Like Code table, there will be an entry for every end office CLLI to which a call can be routed within an NPA and a LATA. In addition there will be entries for every tandem CLLI route into the end office CLLI to allow for cases where different NXX's can be routed via different tandems. For the Rate Like table, there will be an entry for every rate center to which calls can be routed within an NPA and a LATA.

In the simple network example in the accompanying figure, the Route Like Code table entry for TO LOCATION = XYZ might take the following form:

TO LOCATION	NPA	LATA	TANDEM CLLI	ROUTE LIKE CODE
.	.	.	.	.
XYZ	510	730	MNO	510-433
.	.	.	.	.

In this example, the code opening parameters specified by the Code Administration Organization for new NXX = 875 would indicate that the code is to be opened in office CLLI = XYZ, in NPA = 510, in LATA = 730, and routed via tandem CLLI = MNO. A lookup in the Route Like Code table would reveal that code 510-433 is a working code that can be used as a template to create routing translations in all offices that have traffic into this switch.

Again in the simple network example in the accompanying figure, the Rate Like Code table entry for Rate Center = BVHL might take the following form:

RATE CENTER	NPA	LATA	RATE LIKE CODE
.	.	.	.
BVHL	510	730	510-433
.	.	.	.

In this example, the code opening parameters for new NXX = 875 would specify that the code is to be opened in Rate Center = BVHL, in NPA = 510, and in LATA = 730. A lookup in the Rate Like Code table would reveal that code 510-433 is also a working code that can be used as a template to create rating translations in all offices that have traffic into this switch.

Overview for REHOME Jobs

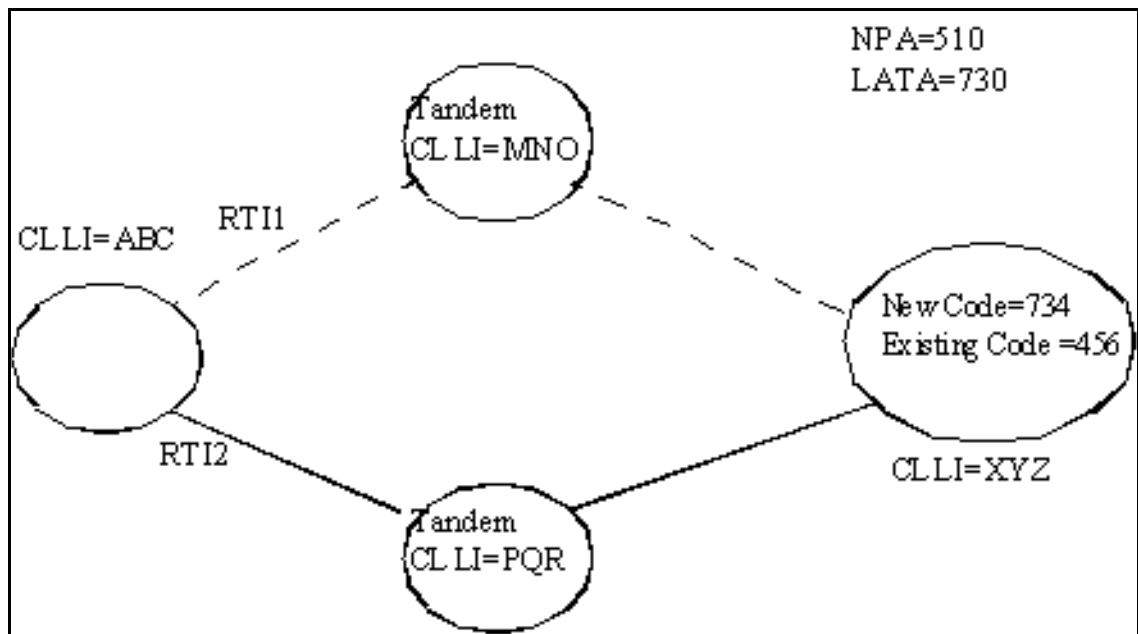
If the **REHOME** option is included, some additional processing occurs. A REHOME occurs when the routing for an existing code is changed; typically, it involves a code having its **tandem** routing changed. The code is said to be "homed" off of a different tandem. In Figure 14-2, code 510-734, which works out of CLLI XYZ, currently routes via Tandem MNO. Calls from switch ABC are routed by Route Index (RTI) 1 to Tandem MNO to reach switch XYZ. There is currently an existing code 510-456, which already routes via Tandem PQR (using RTI 2).

REHOME Example

An example of a REHOME order would be an order to move the routing of code 510-734 to Tandem PQR. In switch ABC, this would mean changing the RTI for code 510-734 from 1 to 2 and not changing any of the rating data for 510-734.

When ACO processes a REHOME order, the code being moved (still referred to as "new code") is used as its own Rate Like Code.

Figure 14-2 Route Like and Rate Like Code Flow for REHOME



Here an order with TYPE=REHOME would be sent to ACO for code 510-734. Rather than query for a Rate Like Code, ACO would automatically use 510-734 as the Rate Like Code. A query on the Route Like Code table would produce the following record:

TO LOCATION	NPA	LATA	TANDEM CLLI	ROUTE LIKE CODE
.	.	.	.	.
XYZ	510	730	PQR	510-456
.	.	.	.	.

Hence, 510-456 would be used as the Route Like Code, and the RTI for code 510-734 would be changed from 1 to 2. All of the existing information for 510-734 remains the same.

END OF STEPS

Auto Code Opening Overview

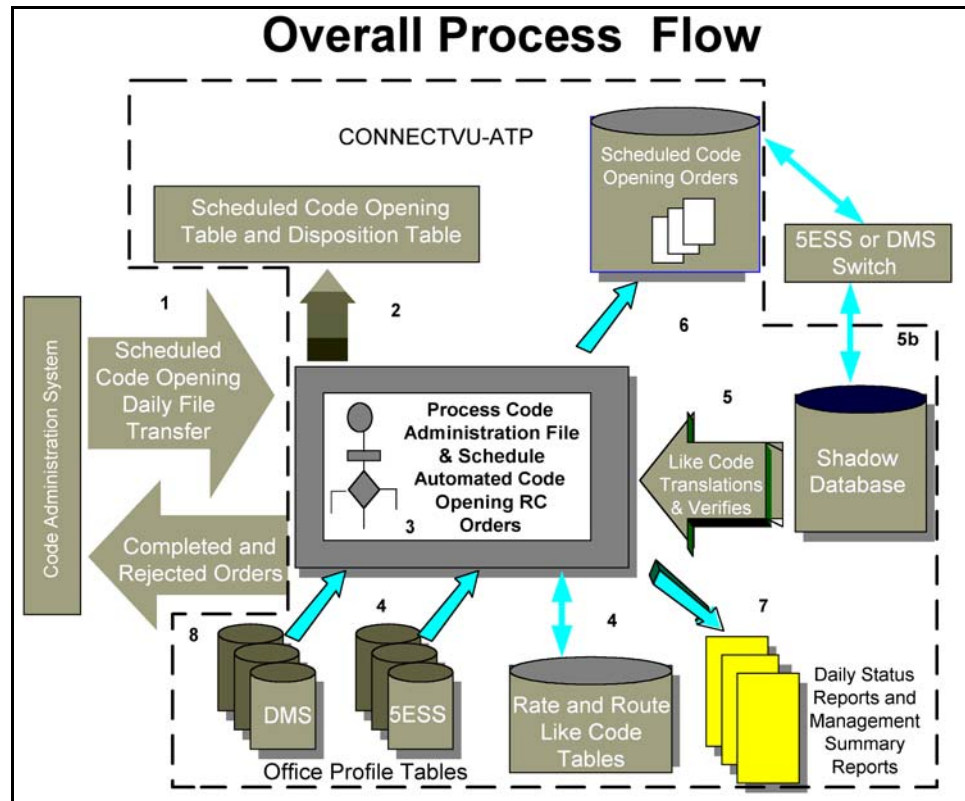
- Introduction** The Auto Code Opening Process automatically invokes the following steps:
1. Daily FTP File Transfer of the Code Opening file from the Code Administration System.
 2. Create and Maintain Scheduled Code Opening Table, and the Code Opening Disposition Table.
 3. In the case of the customer who uses internally generated Rate and Route Like codes, identify Like Codes for each New Code based on the Routing and Rating Like Code Tables.
 4. For every Switch CLLI, create a pending order to open each new code based on the like codes. For each like code and new code record accessed, first perform a verify into the switch to guarantee that the shadow database records used to create the recent change order will accurately reflect what is in the switch. Each verify request will be sent with user ID = 991. However, to conserve disk space, the verify request will not create a history record.
 5. Schedule Orders for appropriate Date and Time.
REHOME orders created by ACO in 8950 VAM are identified by the format RHnpanxxmmddy. Since rehomes are done on existing working codes, ACO will not schedule the order to be sent to the switch. The order will be created with a status of HOLD. The order will remain held by 8950 VAM until a technician determines that the "other end" is ready to handle the rehomed traffic and then manually sends the order to the switch.
 6. Generate Status Reports and Management Summary Reports.
 7. When performing verifies and determining that the code exists per the like code, the system generates a Cover Sheet without Recent Changes and marks the order status as complete.
 - The verify order number for the Cover Sheet created by the system has the structure ACV-npanxx, and is common to all jobs.
 - The Cover Sheet generated for the Automated Code Opening job has the structure ACnpanxx-mmddy for GROWTH and RHnpanxx-mmddy for REHOME, and is unique for each job.



Process Flow

Diagram The following diagram illustrates the Overall Process Flow for the Automated Code Openings Feature:

Figure 14-3 Overall Process Flow



Automated Code Opening

Order Generation Steps The following two diagrams illustrate the Translations Order Generation Process for DMS and 5ESS.

Figure 14-4 DMS Switch Process

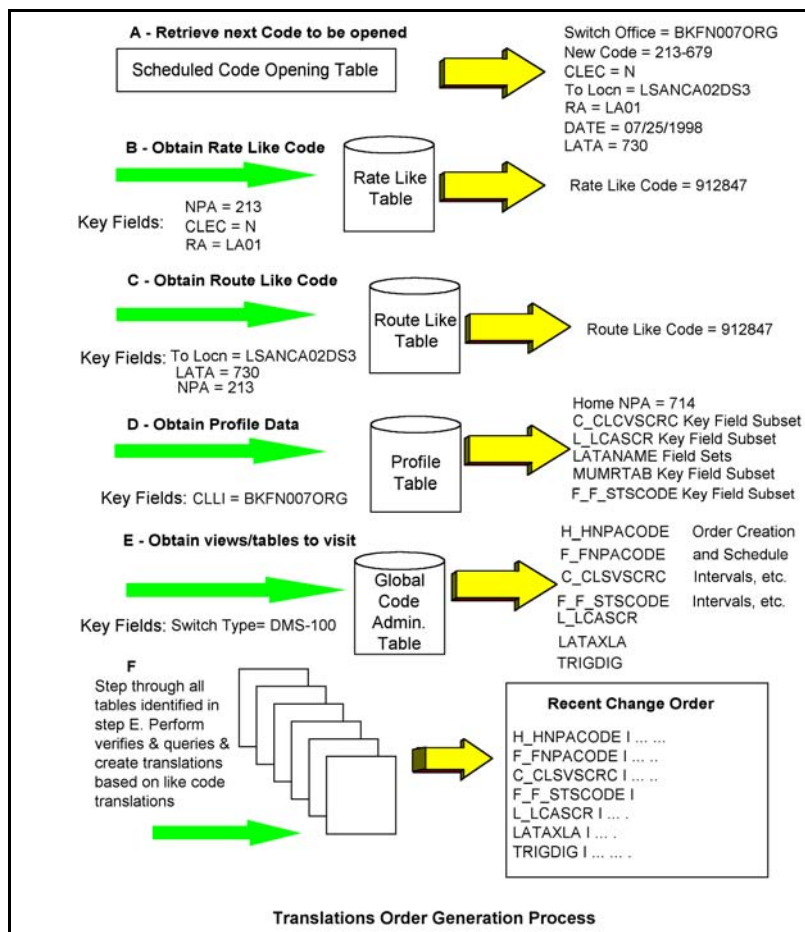
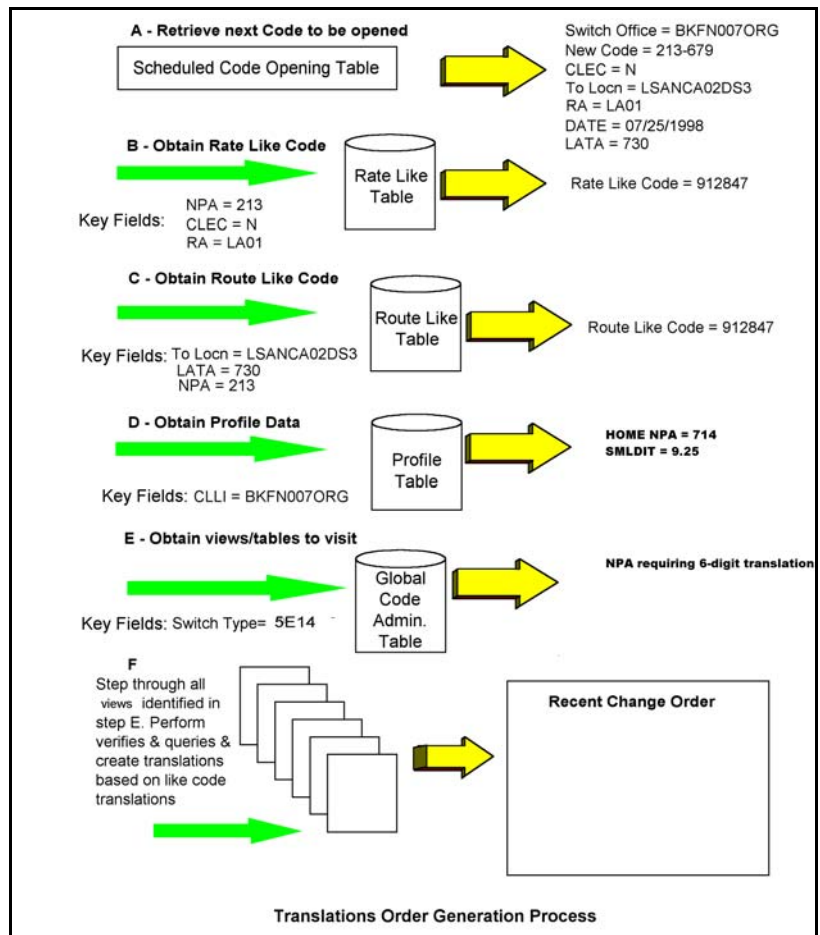


Figure 14-5 5ESS Switch Process



8950 VAM Code Administration System Overview

Overview The Automated Code Opening Feature requires a daily transfer of a scheduled code opening file from an upstream code administration system. This file contains code opening activity that is scheduled for the next thirty days for each of the offices managed by the 8950 VAM system for the customer. Customers have the option of using their own code administration system and meeting the 8950 VAM ACO API or using the LERG Pre-Processor (LERG-PP) feature.

The LERG-PP feature is a 8950 VAM feature that manages an up-to-date local copy of the Telcordia Local Exchange Routing Guide (LERG), and that uses information in this local LERG copy to generate the daily scheduled code opening files needed to drive the 8950 VAM ACO feature. The LERG-PP system manages the local copy of the LERG through initialization and monthly updates from the Telcordia Traffic Routing Administration (TRA) provided monthly CD ROM. Daily changes to the LERG data are managed through email access to the TRA provided daily updates. This allows the LERG-PP feature to provide an up to date copy of all upcoming scheduled code opening activity that is tied to the LERG. In addition, the 8950 VAM Auto Code Open feature provides the customer with the ability to specify local switch tables to identify codes that need to be opening in specific CLLIs, LATAs, and NPAs supported by the company.



User Categories

- Overview** With this feature, there are four workgroup designations. They are:
- Auto Code Feature Administrator – Responsible for maintaining the integrity of Rate and Route Like tables and company specific parameters.
 - System Administrator – Responsible for data-filling the system tables and administrating errors/problems.
 - Translation Technicians – Responsible for managing the integrity of the Office Profile information and reading reports and handling manual fallout.
 - Code Administration System Administrator – Ensures that the Code Opening files are sent and received on a daily basis.



Table Administration

Introduction The Auto Code feature has several tables. Some of these tables are automatically administered by the Auto Code processing feature, while others are user administered tables.

Table Name	Administrator
Global level administration	
Scheduled Code Opening Table	System (auto)
Code Opening Disposition Table	System (auto)
Global Code Administration Tables LOCAL NPA Table PARAMETERS Table	Feature Administrator
NPA's Requiring 6 Digit Translations Table	Feature Administrator
Rate Like Code Table	Feature Administrator
Route Like Code Table	Feature Administrator
Switch CLI level administration	
SESS Office Profile Tables	Translation Technicians
DMS Office Profile Tables	Translation Technicians

All the Global Level Administration Tables can be viewed and updated as necessary from any central within the domain. The System Generated (auto) tables are view-only.



Global Code Administration

Overview The following tables are Globally Administered; they are initially populated by the system or feature administrator, and the information is globally administered once per domain or central grouping. The USER ID, HOST ID, and DATE field in all of the Globally Administered tables are updated by the system only. They are viewable by the user.

The GLOBAL CODE ADMIN menu contains the following sub-tables:

- Local NPA Table (DMS only)
- Parameters Table
- Scheduled Code Opening Table
- Code Opening Disposition Table
- Rate Like Code Table
- Route Like Code Table
- NPAs Requiring 6 Digit Translation Table

Code Opening Tables The following figure shows the menu of commands that are used for Global Code Administration.

Figure 14-6 Code Opening Tables Option

SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
LOCAL NPA TABLE			☐ MULTIPLE VERIFY ☐ DIGILATOR RANGE DELETE ☐ REPORT BROWSER BAGNI INVENTORY ▶ AT&T INVENTORY ▶ CUSTOM INVENTORY ▶		
			GLOBAL CODE ADMIN DMS-100 OFFICE PROFILE		
			CO ☐ 3 A ☐ AU ☐ AU US		
			☒ LOCAL NPA ☐ PARAMETERS ☐ SCHEDULED CODE OPENING ☐ CODE OPENING DISPOSITION ☐ RATE LIKE CODE ☐ ROUTE LIKE CODE ☐ NPAS REQ 6 DIGIT TRANS		
INPUT QUERY					

Local NPA Table - DMS only

The following procedure shows how to use the Local NPA option:

- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then **GLOBAL CODE ADMIN**, and then select the **LOCAL NPA** option.

Important! You must currently be accessed on a DMS switch to see this option.

Figure 14-7 LOCAL NPA

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI LOCAL NPA TABLE

NA014PEACHT NA014

*NPA
USER ID
HOST ID
DATE

INPUT QUERY

This table will contain the NPAs requiring special intra-lata handling in LATAXLA in the DMS. This is used to handle translations required for codes being opened in NPAs that cross state boundaries.

Field Values This table lets the user input NPA's to query existing entries.

Field Name	Value
NPA	(key field); 200-999
USER ID	up to 8 character UUID of last user to update entry
HOST ID	11 character central name where update was initiated
DATE	mm/dd/yyyy of last update

END OF STEPS.....

Parameters Table

- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then **GLOBAL CODE ADMIN**, and then select the **PARAMETERS** option.

Figure 14-8 PARAMETERS Option

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI PARAMETERS TABLE								
NA014PEACHT NA014								
#SCHED INTVL								
#CREATN INTVL								
#LOG SUCCESS								
#JEOPARDY INTVL								
#VFY TIMEOUT								
#DNIC								
USER ID								
HOST ID								
DATE								
QUERY								

This table is used to set intervals and other parameters for the Automated Code Opening feature.

Field Values This table will contain the following fields:

Field Name	Value
SCHED INTVL	[Integer] number of days prior to the code opening due date when the order should be scheduled for transmission to the switch by the Automated Code Opening feature.

Field Name	Value
CREATN INTVL	[Integer] number of days prior to the code opening due date when the order should be created by the Automated Code Opening Feature. (Note that the Code Opening Order Creation Interval must be greater than or equal to the Code Opening Order Schedule Interval.)
LOG SUCCESS	[Y/N] Specifies whether or not to include information messages in the code opening order log.
JEOPARDY INTVL	[Integer] number of days prior to code opening due date by which a code order currently in jeopardy (because it has not been created and scheduled yet) should be reclassified as a reject requiring manual interaction.
VFY TIMEOUT	[Integer] number of seconds after which a time-out will be declared if there is no response from a switch verify request issued by the order generation process.
DNIC (5ESS only)	The local company 5 digit DNIC numeric string, used in packet LDITs for translating certain packet routings.

Example of DUE DATE is 05/19/99 and SCHED INTVL = 5. The order will be scheduled to be sent to the switch on 5/14/99.

.....
E N D O F S T E P S

Scheduled Code Opening Table

-
- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then **GLOBAL CODE ADMIN**, then select the **SCHEDULED CODE OPENING** option.

Figure 14-9 Scheduled Code Opening Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION	
RLSTI	SCHEDULED CODE OPENING TABLE
NA014PEACHT	NA014
*HOSTCLLI	GEN TODAY
*CODE	TARGET JOB
*JOB	IC OLD
IC	TO LOCATION OLD
TO LOCATION	RA OLD
RA	LATA OLD
LATA	DUE DATE OLD
DUE DATE	TANDEM OLD
TANDEM	STA DATE
STA	OCN OLD
OCN	OTH OLD
OTH	EFF DUE DATE
ORDER ID	
QUERY	

This table consists of data obtained from the upstream Code Administration System file that defines both scheduled network rearrangements as well as new NXX codes that are scheduled to be opened during the coming 30 day period. The data is updated on a daily basis via FTP file transfer from the Code Administration System. This data is retained in the table for one month into the future, and two months of history. This table cannot be modified by users; can only be viewed by the user. Pending AC and MC orders can be viewed from the Scheduled Order Summary Screen.

The Scheduled Code Opening Table provides the following functions:

- Automatically updated Daily from Upstream System
- Presents Code Activity 30 Days Ahead
- Viewable as a Report
- Drives Automated Code Opening Order Process

Field Values This table will contain the following fields:

Field Name	Field Value
HOSTCLLI*	(key field); 11 character alphanumeric CLLI of the switch in which the code is to be opened. There will be a unique record for each GROWTH code to be opened as determined by the Code Administration System. DUMMY--CLLI appears when the Code Administration System's daily file contains information on job type other than GROWTH (e.g. DISC, REHOME, DWD, etc.). The CLLI in each record must match one of the CLLI's supported by all central processors in the common grouping. If there is no match, the record will be flagged as invalid "error type 02" in the Acknowledgment Report sent back to the Code Administration System. Also an exception message will be recorded in the Auto Code Processing Log.
CODE*	(key field); Code that is affected for the specified job type, including 3 digit NPA followed by 3 digit NXX. This six digit field shall become the CODE field in the Scheduled Code Opening Table. This is a mandatory field for all job types.
JOB*	(key field); 1-6 alphanumeric characters. Allowed values shall include the following [GROWTH, DISC, REHOME, NSW, DWD, CHG, CANCEL, CURCAR] This field is a mandatory field for all job types and is loaded into the JOB field of the Scheduled Code Opening Table.
IC*	[P for local, Z for CLEC code, W for Wireless] = IC field in the Scheduled Code Opening Table. This field indicates whether or not the new code is to be opened in a CLEC. This is a mandatory field for all job types except DISC or CAN. Any Code other than Z will be treated as Local.
* These are default fields; all other fields can be viewed by using the modify feature.	
TO LOCATION*	The 11 character TO LOCATION field defines the office CLLI of the end office switch CLLI in which the new code will reside, and to which all other local switch offices must route calls. This is a mandatory field for all job types except DISC or CAN.
RA*	RATE AREA field in the Scheduled Code Opening Table. This is a mandatory field for all job types except DISC or CAN.
LATA*	[3 digits] = LATA field in the Scheduled Code Opening Table. This is a mandatory field for all job types except DISC or CAN.
DUE DATE*	[mm/dd/yyyy] = DATE field in the Scheduled Code Opening Table. This is the effective date for the new code or the specified network rearrangement. This is a mandatory field for all job types.
TANDEM	TANDEM field in the Scheduled Code Opening Table. The 11 character TANDEM field defines the tandem CLLI through which calls to the new end office CLLI code will be routed. This field is optional and may be left blank.
STA*	Order Status; NEW, SCH, CPD, CAN, JPDY, REJ, HOLD, or blank.

Field Name	Field Value
OCN	[4 alphanumeric characters] = OCN field in the Scheduled Code Opening Table. This is a shorthand designation for a service provider that is used for certain exception cases where customers have special contractual arrangements for routing or billing for certain CLEC providers. This is a mandatory field for all job types except DISC or CAN.
OTH	(Other) Field - [H, C, P or blank] = OTH field in the Scheduled Code Opening Table. This field may be left blank.
ORDER ID	Order name automatically created by the system, in the format ACnpanxx-mmddyy or RHnpanxx-mmddyy, which signifies due date.
GEN_TODAY	Y indicates orders that were generated today; this is a dynamic value.
TARGET JOB	Job type being changed with a new order.
STA DATE	Status date.
EFF DUE DATE	Adjusted due date that Auto Code processing uses to account for code due date that falls within the switch freeze interval.
* These are default fields; all other fields can be viewed by using the modify feature.	

The field names with OLD appended are pre-populated when a CHANGE record is received. The original date is stored in the corresponding OLD field and the new date replaces the changed data fields. The REPORT will look similar to the file that gets sent to 8950 VAM from the Code Administration System.

END OF STEPS

Code Opening Disposition Table

- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then **GLOBAL CODE ADMIN**, then select the **CODE OPENING DISPOSITION** option.

Figure 14-10 Code Opening Disposition Option

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		CODE OPENING DISPOSITION TABLE						
NA014PEACHT		NA014						
*HOSTCLLI *CODE *ORDER ID ROUTE LIKE RATE LIKE #DISP #DISP DATE DISP TIME								

The Code Opening Disposition Table is used to track the disposition of all code opening growth jobs once the order has been attempted to be created. Updates are automatically made to this table whenever the disposition of a growth or rehome job changes. Entries will also be added for manual code openings that were created using the order_id format required for manually created orders that you included in the report back to the Code Administration System by using the naming convention MCnpanxx-mmddyy (MC312487-052899). This data is retained in the table for one month into the future, and two months of history. This table is only viewable by the user.

Field Values This table will contain the following fields:

Field Name	Field Value
HOSTCLLI	(key field); Office CLLI in which the code is to be opened
CODE	(key field); 6 digit code to be opened
ORDER ID	(key field); Order name
ROUTE LIKE	6 Digit Route Like Code used to create translations

Field Name	Field Value
RATE LIKE	6 Digit Rate Like Code used to create translations
DISP	code opening action disposition
DISP DATE	date of the disposition
DISP TIME	time of the disposition

This table is used to generate the Daily status report sent to the Code Administration System and the Management Summary reports generated by 8950 VAM.

Dispositions The disposition can be one of the following:

Disposition	Meaning	Action to be Taken
SCH	Order scheduled for transmission to switch for growth job	Wait for order to go to switch and complete
HOLD	Order has been created but not scheduled.	Manually send order to switch or manually schedule order.
CPD	Order completed in switch for growth job	View CPD order on RC SUMMARY screen
CAN	Job canceled by the Code Opening Administrator	No action required
JPDY	Job is in JPDY	Repair JPDY condition and refer to the Auto Code Exceptions Report.
REJ1	Order could not be created because route and/or rate like codes were not available, or not added to the Rate/Route Like Code tables prior to the system jeopardy date.	Create order manually and send to switch*
REJ2	Order could not be created for other reason	Create order manually and send to switch*
REJ3	Order was created but was rejected by switch	Fix order and re-send to switch

Important! * Use the MCnpanxx-mmddyy format for flow through to the Automated Code Opening System.

Disposition	Meaning	Action to be Taken
REJ4	Order could not be created within the jeopardy interval because the route or the rate like code needed to open this code had the INHIBIT FLAG set = Y	Create order manually and send to switch*

Disposition	Meaning	Action to be Taken
REJ5	Order was created and partially completed in switch, but the order is stuck in the transmit state	Contact system administrator
REJ6	Order could not be created within the jeopardy interval due to the inability to complete verifies because the link was down	Create order manually and send to switch*
REJ7	Order was partially completed, or completed in the switch but not in 8950 VAM	Contact system administrator
REJ8	Order could not be created because of a duplicate order name	Create order manually and send to switch*
REJ9	Order could not be created because due date of code opening request from code administration system was within the jeopardy interval	Create order manually and send to switch*
REJA	Order could not be created because a toll route like code record could not be found	Create order manually and send to switch*

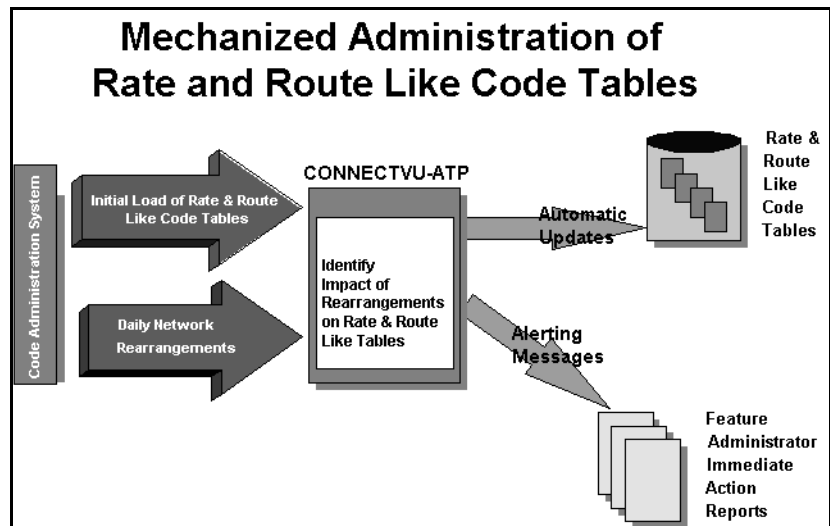
Important! * Use the MCnpanxx-mmddyy format for flow through to the Automated Code Opening System.

The Code Opening Disposition Table can provide a user having view/query permissions with a wide variety of reports that can be generated on demand through query by example on various fields in the table. For example, a user could generate a report of all Code Opening orders for a particular office that has rejected and that must be manually worked. This is done by querying for field DISP = "REJ*". The query could be further refined by also specifying a date or date range using the DISP_DATE field.

END OF STEPS

Rate and Route Like Tables

Diagram **Figure 14-11 Rate and Route Like Code Tables Administration**



Overview Rate Like and Route Like Code Tables are an important component of the Automated Code Opening Feature. They are used on a daily basis to obtain working NXX codes to be used as templates for opening new growth NXX codes, based on parameters in the Scheduled Code Opening Table.

The tables are typically initialized with a mechanized load from a local system. They must be maintained to contain current working NXX codes associated with the key field parameters. When the daily Code Opening file is read and processed by 8950 VAM, the system may automatically update these tables based on scheduled network rearrangements, or may provide alerting messages in the Auto Code Immediate Action Report identifying table entries that must be modified.

Whenever the system cannot perform an automated update on the tables, but recognizes a condition, e.g., a code rehome, that affects an entry in one of these two tables, the system will inhibit further use of the entry by setting an Inhibit Flag in the record. This flag will prevent the use of this entry until it has been updated to use a different code.

Important! Some customers may not need to data-fill the Rate and Route Like Code Tables because they are getting that information from their upstream systems.

Rate Like Code Table

- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then the **GLOBAL CODE ADMIN**, then select the **RATE LIKE CODE** option.

Figure 14-12 Rate Like Code Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI

RATE LIKE CODE TABLE

NA014PEACHT

NA014

*NPA

*CLEC

*RATE AREA

#RATE LIKE NPA

#RATE LIKE NXX

INHIBIT FLAG

USER ID

HOST ID

DATE

INPUT

QUERY

The Automated Code Administration Process will obtain a 6 digit rate like code, consisting of a 3 digit NPA and 3 digit NXX, by indexing into the table with the NPA, CLEC(Y/N/W), and RATE AREA fields obtained or derived [in the case of the CLEC(Y/N/W) field] from information in the Scheduled Code Opening Table. A match for a RATE LIKE NPA and NXX that will be used for the new NXX that is being opened should be obtained for all cases except for the case when any CLEC goes into a new rate area for the first time. The INHIBIT FLAG is set =Y automatically by the system when a REHOME, DWD, or DISC record invalidates a Rate Like NPA/NXX used in this table. The system will not utilize the record while the flag is set to Y. When this record is updated, the INHIBIT FLAG is reset to BLANK.

In the Rate Like Table, you will likely have more than one entry for a single central office (e.g. there will be an entry for the Local Operating Company and other entries for CLECs).

Important! For processing of REHOME orders, the new code will be used as its own Rate Like Code.

Field Values This table will contain the following fields:

Field Name	Value
NPA	(key field); 200-999
CLEC	(key field); Y,N,W
RATE AREA	(key field); 1- 10 alphanumeric characters. None should be entered for customers not using this field. Important! Use an underscore (_) for any embedded space within the rate area value. For example, if the value is "New Jersey" then enter "New_Jersey".
RATE LIKE NPA	200-999
RATE LIKE NXX	200-999
The following fields shall only be updated by the system:	
INHIBIT FLAG	Y or blank. If an Inhibit Flag is set to "Y", then the Feature Administrators are notified via the Daily Immediate Action Report.
USER ID	up to 8 character UUID of last user to update entry
HOST ID	11 character central name where update was initiated
DATE	mm/dd/yyyy of last update

END OF STEPS

Route Like Code Table

- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then **GLOBAL CODE ADMIN**, then select the **ROUTE LIKE CODE** option.

Figure 14-13 Route Like Code Option

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI ROUTE LIKE CODE TABLE NA014PEACHT NA014 *TO LOCATION *LATA *NPA *TANDEM #ROUTE LIKE NPA #ROUTE LIKE NXX INHIBIT FLAG USER ID HOST ID DATE								
INPUT QUERY								

The Automated Code Administration Process will obtain a ROUTE LIKE NPA and NXX by indexing into the table with the TO LOCATION, LATA, NPA, and TANDEM fields obtained from the Scheduled Code Opening Table. The INHIBIT FLAG is set when a REHOME, DWD, or DISC record invalidates a Route Like NPA/NXX used in this table. The system will not utilize the record while the flag is set to Y. When this record is updated, the INHIBIT FLAG is reset to BLANK. A ROUTE LIKE NPA and NXX field set should be found for all cases except when the new NXX is the first route into a new TO LOCATION. (It should be noted that the TO LOCATION may be either the End Office CLLI in which the code lives, or a tandem office CLLI where a code such as a Wireless code lives, or a TANDEM office that is used to Route calls to a CLEC.)

The steps used to index into the Route Like Code Table are as follows:

- For a scheduled code opening table entry for a local company code with a tandem field entry, first look for a matching entry in the Route Like Code Table by using the tandem field. If no matching field is found, then look for a matching entry with a blank tandem field. For example, for the first entry (new code 213444) in the following Schedule Code Opening Table, route like code 213467 in the sample Route Like Table would be a match. For the second entry (new code 213665) route like code 213555 in the sample Route Like Table would be a match if there were no Route Like Code Table entries with a tandem field = BVHLCA1101T.

Office CLLI	Code	I C	TO LOCATION	RATE AREA	LAT A	DATE	JOB	TANDEM
BVHLCA01DS 0	21344 4	P	DFRDCA11DS 0	LS01	730	05/19/199 9	GROWT H	DFRDCA1101 T
BVHLCA01DS 0	21366 5	P	BVHLCA5512 3	LS01	730	05/19/199 9	GROWT H	BVHLCA1101 T

TO LOCATION	LATA	NPA	TANDEM	ROUTE LIKE NPA	ROUTE LIKE NXX
DFRDCA11DS0	730	213	DFRDCA1101T	213	467
BVHLCA55123	730	213		213	555

- For a scheduled code opening table entry for a local company code without a tandem field entry, only accept a matching entry in the route like code table with a blank tandem field entry. For example, for the second entry (new code 213665) in the following Schedule Code Opening Table, route like code 213467 in the sample Route Like Table would be a match.

Office CLLI	Code	I C	TO LOCATION	RAT E ARE A	LAT A	DATE	JOB	TANDEM
BVHLCA01DS 0	213444	P	DFRDCA11D S0	LS01	730	05/19/199 9	GROWT H	DFRDCA1101 T
BVHLCA01DS 0	213665	P	DFRDCA11D S0	LS01	730	05/19/199 9	GROWT H	

TO LOCATION	LATA	NPA	TANDEM	ROUTE LIKE NPA	ROUTE LIKE NXX
DFRDCA11DS0	730	213		213	467

- For a scheduled code opening table entry for a CLEC code the tandem entry **MUST** be specified. First look for a matching entry in the route like code table by using the tandem field. If not found, then look for an entry by using the tandem field entry from the scheduled code opening table entry as the TO_LOCATION field entry with a blank field in the tandem field. For example, for new code 213444 in the following example, route like code 213467 would be the preferred match. Because this code opening is for a CLEC, if this route like table entry did not exist then route like code 213777 (access via a like code that lives in the tandem office) would be an alternate match.

Office CLLI	Code	I C	TO LOCATION	RAT E ARE A	LAT A	DATE	JOB	TANDEM
BVHLCA01DS 0	213444	Z	DFRDCA11D S0	LS01	730	05/19/199 9	GROWT H	DFRDCA1101 T

TO LOCATION	LATA	NPA	TANDEM	ROUTE LIKE NPA	ROUTE LIKE NXX
DFRDCA11DS0	730	213	DFRDCA1101T	213	467
DFRDCA1101T	730	213		213	777

Field Values This table will contain the following fields:

Field Name	Value
TO LOCATION	(key field); 11 alphanumeric characters
LATA	(key field); 000-999
NPA	(key field); 200-999
TANDEM	(key field); 11 alphanumeric characters
ROUTE LIKE NPA	200-999
ROUTE LIKE NXX	200-999
The following fields shall only be updated by the system:	
INHIBIT FLAG	Y or blank. If an Inhibit Flag is set to “Y”, then the Feature Administrators are notified via the Daily Immediate Action Report.
USER ID	up to 8 character UUID of last user to update entry
HOST ID	11 character central name where update was initiated
DATE	mm/dd/yyyy of last update

END OF STEPS

6 DIGIT NPA TABLE

- 1 From the **ADMIN** Menu, select **CODE OPENING TABLES**, then the **GLOBAL CODE ADMIN**, then select the **NPAs REQ 6 DIGIT TRANS** option.

Figure 14-14 NPAs REQ 6 Digit Trans Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI6DIGIT NPA TABLE

NA014PEACHTNA014

*NPA
USER ID
HOST ID
DATE

INPUTQUERY

This table contains the set of 3 digit NPAs, typically those within the company’s serving area, that are candidates for creating 6 digit translations entries.

Field Values This table will contain the following fields:

Field Name	Value
NPA	(key field); 200-999
USER ID	up to 8 character UUID of last user to update entry
HOST ID	11 character central name where update was initiated
DATE	mm/dd/yyyy of last update

RC Summary Review Since RC Summary Review orders are created as any other 8950 VAM order, all the standard summaries are available; i.e. RC SUMMARY.

END OF STEPS.....

ACO Rehome Enhancement for Rating Change using Manual Code Opening Interface

Purpose This section explains how to process the REHCHG job type using the manual code opening interface.

Steps Perform the following to process the REHCHG job type:

- 1** Login to the Translation User Interface.

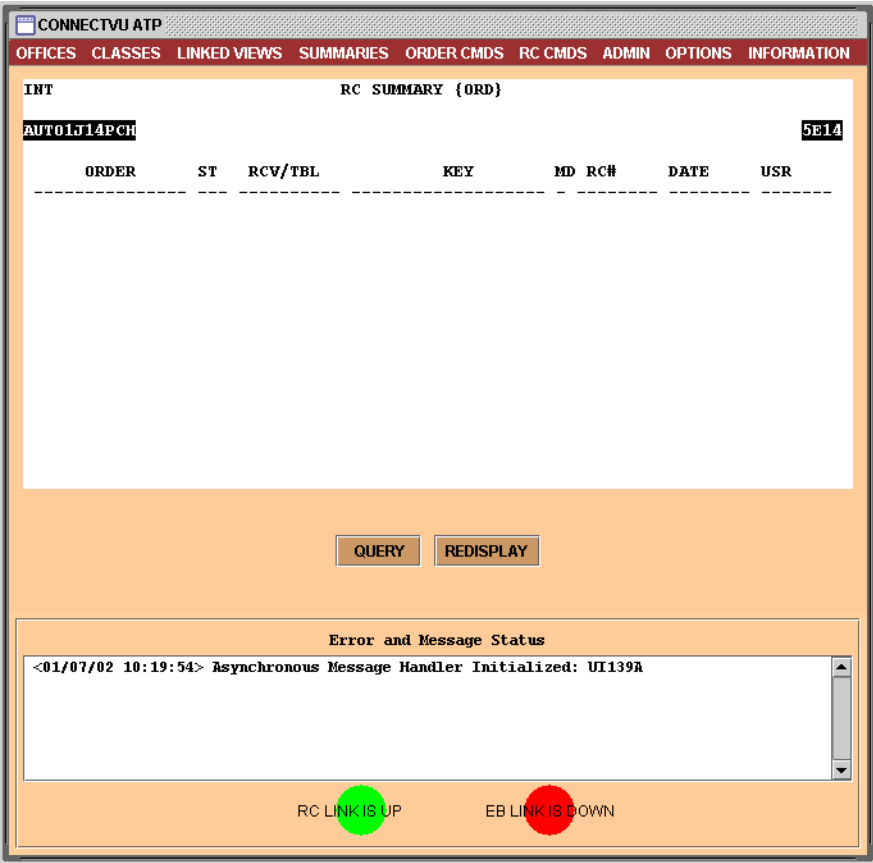
Important! For more information on Translation Interface see, Translation Interface Guide, Chapter 3, Getting Started.

- 2** Select the office, and press **[ENTER]**.

Example: Select the 5E16FRTESTS office

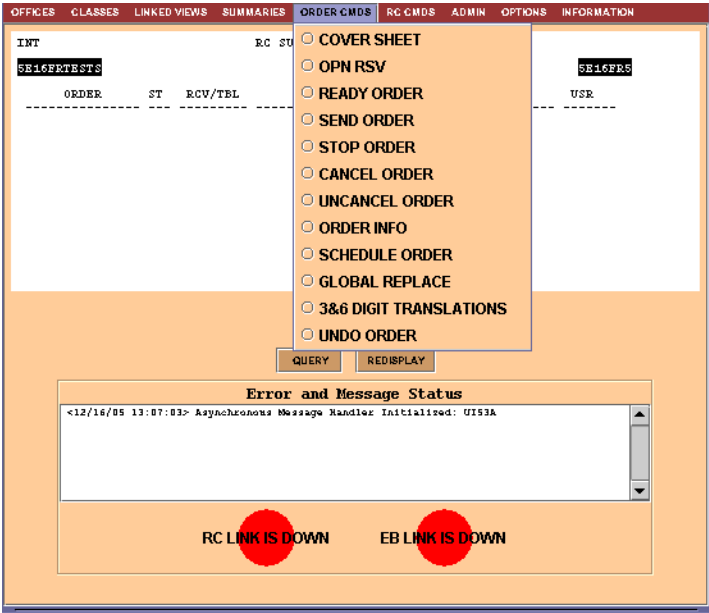
Result: The **Main window** screen is displayed.

Figure 14-15 Main window



- 3 Select **ORDER CMDS** from the main navigation menu.
- Result:** The **List of options** screen is displayed.

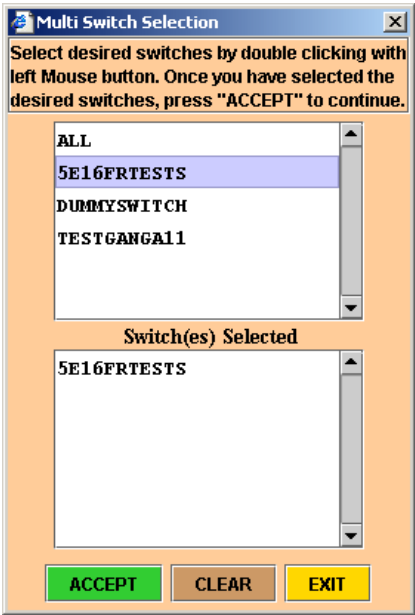
Figure 14-16 List of options



- 4 Select **3&6 DIGIT TRANSLATIONS** from the **List of options**.

Result: The **Multi Switch Selection** screen is displayed.

Figure 14-17 Multi switch selection

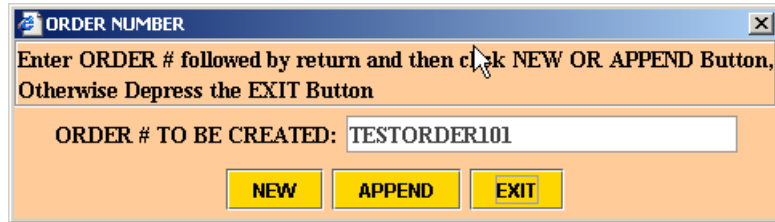


- 5 Select the switch, and press **ACCEPT**.

Example: Select the 5E16FRTESTS switch.

Result: The **ORDER NUMBER** screen is displayed.

Figure 14-18 Order number



ORDER NUMBER

Enter ORDER # followed by return and then click NEW OR APPEND Button,
Otherwise Depress the EXIT Button

ORDER # TO BE CREATED: TESTORDER101

NEW APPEND EXIT

-
- 6 Type the order number, and press [ENTER]. The **NEW** and **APPEND** fields are enabled.

Example: Type the order TESTORDER101.

- 7 Click on NEW.

Result: The 5ESS Manual Code Opening screen is displayed.

Figure 14-19 5ESS manual code opening

FIELD	ENTRY
New NXX:	221
New NPA:	714
Route Like Code:	909209
Rate Like Code:	909209
Rating Change:	Y
Remarks:	STORDER101

ACCEPT EXIT

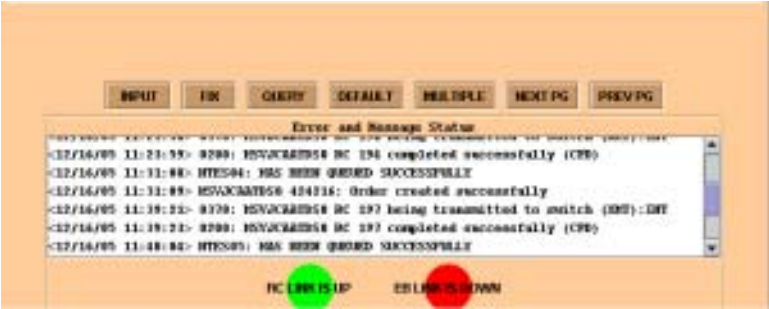
Enter the Remarks:
select a string of up to 16 characters.
The Remarks are captured for the 9.3 View.
(Optional Field)

- 8 Enter the values as shown in the Figure 1-5, and click **ACCEPT**.

Result: The order TESTORDER101 is created with the recent changes and the **Order Created Confirmation** message is displayed.

Important! REHCHG job type is identified depending on the value entered in **Rating Change** field. If you enter **Y** in the **Rating Change** field, then that job is considered as REHCHG job type. If you enter **N** in the **Rating Change** field, then that job is not REHCHG job type. If the value entered in the **Rating Change** field is **Y**, then you cannot enter the “SAME” in **Rate like Code** field.

Figure 14-20 Order created confirmation



REHCHG job type supported in the automated code opening process

Purpose This section explains the details of the COTS file.

The REHCHG job type is supported in the COTS file. The format of the COTS file is as shown.

```
NRBBWM5TEST|815639|P|7241|C|ARLINGTONVA|1232|123|12/10/  
2005|REHCHG|
```

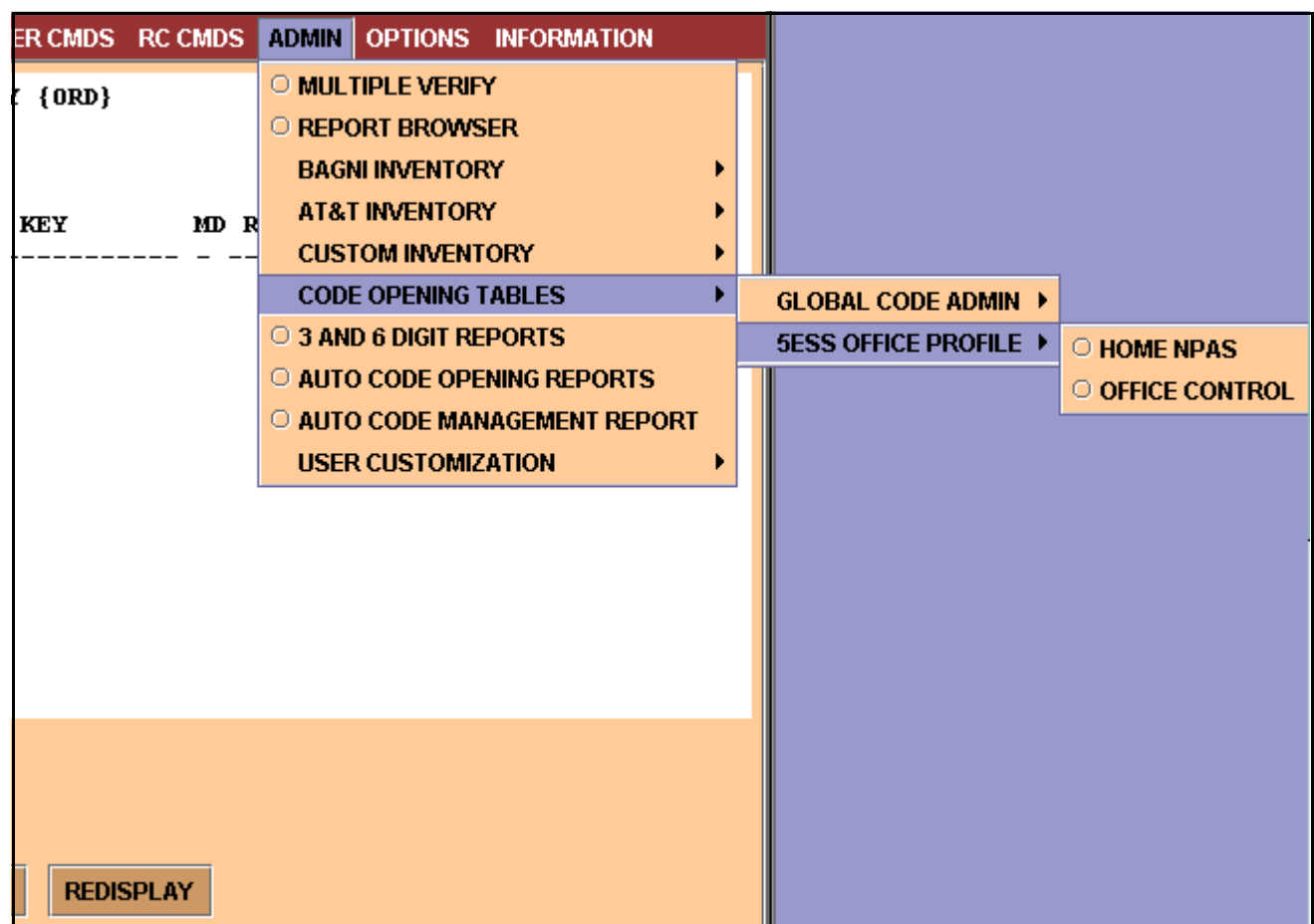
```
NRBBWM5TEST|815639|P|7241|C|ARLINGTONVA|1232|123|12/10/  
2005|CURCAR|
```

Important! There are two parameters added in Customize table *aco_rehchg* and *aco_clec_pc*, when *aco_rehchg*=Y, REHCHG jobs is processed by ACO processes.

5ESS Office Profile Tables

Introduction From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **5ESS OFFICE PROFILE** option. There are 2 tables listed under the 5ESS OFFICE PROFILE option for 5ESS: HOME NPAS and OFFICE CONTROL. A third 5ESS OFFICE PROFILE TABLE can be found under the CUSTOM INVENTORY option, and it is called SM LDIT (9.25).

Figure 14-21 5ESS Office Profile Tables Option



HOME NPAS TABLE

- 1 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **5ESS OFFICE PROFILE** option, then the **HOME NPAS** option.

Figure 14-22 HOME NPAS Option - 5ESS

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		HOME NPAS TABLE						
BSTNMAXX99T		5E14						
*NPA								
END OF 7DIG XLATION DATE								
INPUT QUERY								

Field Values This table (depicted above) contains the following fields:

Field Name	Field Value
NPA	(key field); 200-999
END OF 7DIG XLATION DATE	This is the date in which the switch will no longer translate 7 digit code due to mandatory 10 digit dialing rules. Once this date has been reached, the system will only perform 6 digit translations for that NPA.

END OF STEPS

OFFICE CONTROL - 5ESS

- 1 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **5ESS OFFICE PROFILE** option, and then the **OFFICE CONTROL** option.

Figure 14-23 OFFICE CONTROL Option - 5ESS

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI OFFICE CONTROL TABLE

BSTNMAXX99T 5E14

#SCHED TIME
OPEN BEGIN DT
FREEZE BEGIN DT
FREEZE END DT

INPUT QUERY

This table shows the date when the autocode will start processing. It also shows the time that changes will be sent to the switch so that they can be sent during periods of low activity.

There are often times when recent change activity is frozen for a switch. This generally occurs during a generic update. By using the FREEZE_BEGIN_DT and FREEZE_END_DT dates, the Auto Code Opening Feature will adjust the dates for recent change that is scheduled to be sent to the switch during this freeze period. These recent changes will be sent to the switch before the beginning of the freeze period.

Field Values This table contains the following fields:

Field Name	Field Value
SCHED TIME	The time when AC and RH orders are scheduled to go to the switch.
OPEN BEGIN DT	When this switch will begin auto code processing.
FREEZE BEGIN DT	Identifies when RCs are frozen for switch. This generally occurs during generic upgrades.
FREEZE END DT	When RC processing can be resumed for this switch.

.....
E N D O F S T E P S

SM LDIT (9.25)

.....

- 1 From the **ADMIN** Menu, select the **CUSTOM INVENTORY** option, and then the **SM LDIT (9.25)** option.

Figure 14-24 9.25 SM LDIT

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
RLSTI SM LDIT (9.25) CUSTOM INVENTORY {CUST9_25}		
BSTNMAXX99T 5E14		
LDIT	SERVING NPA	EXCLUDE
-----	-----	-----
QUERY UPDATE		

This table is a new presentation of the fields that appear on the 9.25 view. This table is used to associate each LDIT with its Serving NPA to be used to determine whether 7 digit dialing is applicable to that LDIT. The EXCLUDE field is used for excluding LDITS from both the Auto Code process and manual 3 & 6 digit translations feature.

END OF STEPS.....

Field Values This table will contain the following fields:

Field Name	Field Value
LDIT	local digit interpretation table.
SERVING NPA	NPA that serves that LDIT; 200-999.
EXCLUDE	Y=Exclude and N=not exclude or blank.



DMS Office Profile Tables

Description	The DMS Office Profile Table consists of the following tables: • HOME NPAS • Office Control - DMS • L_LCASCRC Table • F_F_STSCODE Table • STDPRTCT Table • LATAXLA Table • MUMRTAB Table • Rate Center Table • C_CLSVSCRC Table
Selection	From the ADMIN Menu, select the CODE OPENING TABLES option, then select the DMS-100 OFFICE PROFILE option.

Figure 14-25 DMS-100 Office Profile

The screenshot displays the DMS-100 software interface. At the top, there are five main menu tabs: SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, and OPTIONS INFORMATION. The ADMIN tab is currently selected.

Below the ADMIN tab, a dropdown menu is open, listing several options:

- MULTIPLE VERIFY
- DIGILATOR RANGE DELETE
- REPORT BROWSER
- BAGNI INVENTORY
- AT&T INVENTORY
- CUSTOM INVENTORY
- CODE OPENING TABLES

To the right of the ADMIN dropdown, two additional options are visible:

- GLOBAL CODE ADMIN
- DMS-100 OFFICE PROFILE

In the background, a window titled "RC SUMMARY {ORD}" is partially visible, showing a table with columns labeled TBL, KEY, and MD. Below this window, there are two buttons: QUERY and REDISPLAY.

HOME NPAS

- 1 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **HOME NPAS** option.

Figure 14-26 HOME NPAs Option - DMS

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		HOME NPAS TABLE						
NA014PEACHT		NA014						
*NPA END OF 7DIG XLATION DATE								
INPUT QUERY								

END OF STEPS

Field Values This table will contain the following fields:

Field Name	Field Value
NPA	(key field); 200-999
END OF 7DIG XLATION DATE	This is the date in which the switch will no longer translate 7 digit code due to mandatory 10 digit dialing rules. Once this date has been reached, the system will only perform 6 digit translations for that NPA

Office Control - DMS

- 1 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **OFFICE CONTROL** option.

Figure 14-27 Office Control Option - DMS

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI OFFICE CONTROL TABLE								
NA014PEACHT NA014								
#SCHED TIME								
OPEN BEGIN DT								
FREEZE BEGIN DT								
FREEZE END DT								
INPUT QUERY								

This table shows the date when the autocode will start processing. It also shows the time that changes will be sent to the switch so that they can be sent during periods of low activity.

There are often times when recent change activity is frozen for a switch. This generally occurs during a generic update. By using the **FREEZE_BEGIN_DT** and **FREEZE_END_DT** dates, the Auto Code Opening Feature will rearrange the dates for recent change that is scheduled to be sent to the switch during this freeze period. These recent changes will be sent to the switch before the beginning of the freeze period.

Field Values This table will contain the following fields:

Field Name	Field Value
SCHED TIME	The time when AC and RH orders are scheduled to go to the switch.
OPEN BEGIN DT	When this switch will begin auto code processing.
FREEZE BEGIN DT	Identifies when RC's are frozen for switch. This generally occurs during generic upgrades.
FREEZE END DT	When RC processing can be resumed for this switch.

.....
E N D O F S T E P S

DMS 3 and 6 Digit Translations Algorithm

The algorithm for creating 3 and 6 digit translations on DMS switches looks at a number of tables. For each table where the like code is translated, a recent change translation is created to make the new code look like the like code. The DMS Office Profile tables limit the search of some of these tables by specifying a subset of key field sets to search.

Important! The same algorithm is used whether manual or autocode is being used on DMS switches.

For each table the algorithm used for creating the recent change translations is as follows:

- Using the 8950 VAM POS command, do a query on the like code and a query on the new code
- If they are the same, do nothing. In the case of generating an Automated Code Opening order, the system creates an AC or RH Cover Sheet and marks the order CPD.
- If they are different, change the new code to reflect the same data as the like code
- If the like code does not exist, delete the new code
- If the new code does not exist, insert it
- 3 Digit Ambiguous translations are done automatically by converting HNPACODE records to "AMBI" selector or CLSVSCRC records to "I" selector when necessary.

The following DMS Office Profile tables are populated to limit the search in certain tables by specifying a subset of key field sets to search.

L_LCASCR Table

- 1 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **L_LCASCR Key Set** option.

Figure 14-28 L_LCASCR Key Set Option

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI DMS OFFICE PROFILE - L_LCASCR KEY SET								
NA014PEACHT NA014								
*STS								
*LCANAME								
INPUT QUERY								

This table lists the local area names needed for sub-table LCASCR.

Field Values This table will contain the following fields:

Field Name	Field Value
STS	(key field); serving translations scheme; 000-999
LCANAME	(key field); local calling area screening name; 4 alphanumeric characters.

Important! Some companies require ACO to create translations in the LCA6SCRN table. For these cases, the shadowed DMS table LCAINFO will be used as the Office Profile table to determine the appropriate key set to use for Table LCA6SCRN.

F_F_STSCODE Table

- 2 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **F_F_STSCODE Key Set** option.

Figure 14-29 F_F_STSCODE Key Set Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI DMS OFFICE PROFILE - F_F_STSCODE KEY SET

NA014PEACHT NA014

*STS

INPUT QUERY

The Table F_F_STSCODE is used in the same way as F_FNPACODE. Where F_FNPACODE handles six digit translation for the Public Network, F_F_STSCODE is used for six digit translation in private networks. Some phone companies have their routings translations department update private networks for new codes and would want Autocode to handle F_F_STSCODE as well. Other phone companies

rely on separate organizations, working with the customer that owns the private network to make the updates. If this is the case, then it is not necessary to update this table.

Field Value This table will contain the following field:

Field Name	Field Value
STS	serving translations scheme; 000-999

STDPRCTCT Table

- 3 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **STDPRTCT Key Set** option.

Figure 14-30 STDPRTCT Key Set Option

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
DMS OFFICE PROFILE - STDPRCT KEY SET								
NA014PEACHT								NA014
*EXTPRTNM NPA								
INPUT QUERY								

This table associates each STDPRT with the Serving NPA to be used to determine whether 7 digit dialing is applicable to that STDPRT. The S_AMAPRT table also used this table.

Field Values This table will contain the following fields:

Field Name	Field Value
EXTPRTNM	(key field); translator name; up to 8 alphanumeric characters.
NPA	(key field); 200-999

LATA XLA Table

- 4 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **LATA XLA Key Set** option.

Figure 14-31 LATA XLA Key Set Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI DMS OFFICE PROFILE - LATA XLA KET SET

NA014PEACHT NA014

*LATANM

#LATA

INPUT QUERY

This table lists the LATA names needed for table LATAXLA.

Field Values This table will contain the following fields:

Field Name	Field Values
LATANM	(key field); LATA name; up to 16 alphanumeric characters.
LATA	3 digits; 000-999. 999 should be entered for customers not using this field.

MUMRTAB Table

- 5 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **MUMRTAB Key Set** option.

Figure 14-32 MUMRTAB Key Set Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI DMS OFFICE PROFILE - MUMRTAB KEY SET

NA014PEACHT NA014

*MUMRNAME
#NPA

INPUT QUERY

This table associated each MUMRNAME with the SERVING NPA to determine if 7 digit dialing is applicable to that MUMRNAME.

Field Values This table will contain the following fields:

Field Name	Field Value
MUMRNAME	(key field); 1 to 8 alphanumeric characters.
NPA	(key field); 200-999

Rate Center Table

- 6 From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **RATE CENTER LIST** option.

Figure 14-33 Rate Center List Option

OFFICES TABLES LINKED TABLES SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

RLSTI

DMS OFFICE PROFILE - RATE CENTER LIST

NA014PEACHT

NA014

*RATE CENTER

*RATE AREA

#RATE TYPE

INPUT

QUERY

When new code activations are done in a DMS switch, there are often translations required in the CLSVSCRC subtable. To do these correctly it may be necessary to know how the new code is to be treated with respect to each of the rate centers served by the switch. The Rate Center List Table identifies how to identify whether calls to various rate areas from each rate center are Zum, Local or Toll. An entry in the rate type field of Z implies Zum, an entry of L implies Local, and the absence of an entry implies Toll calling to each rate area. A (all) is also treated as T (toll). These are mapped to entries in the C_CLSVSCRC table.

Field Values This table will contain the following fields:

Field Names	Field Value
RATE_CENTER	(key field); up to 4 alphanumeric characters.
RATE_AREA	(key field); up to 10 alphanumeric characters. The word NONE should be entered for customers not using this field. Important! Use an underscore () for any embedded space within the rate area value. For example, if the value is "New York" then enter "New_York".
RATE_TYPE	1 character; Z, L or blank for Toll.

C_CLSVSCRC Table

-
- From the **ADMIN** Menu, select the **CODE OPENING TABLES** option, then select the **DMS-100 OFFICE PROFILE** option, and then the **C_CLSVSCRC Key Set** option.

Figure 14-34 C_CLSVSCRC Key Set Option

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI DMS OFFICE PROFILE - C_CLSVSCRC KEY SET								
NA014PEACHT NA014								
*RATE CENTER								
*RATE TYPE								
*STS								
*SCRNCL								
*TYP CALL								
INPUT QUERY								

This table is used to identify which CLSVSCRC subtables need to be translated for each rate center in the DMS switch. This list of subtables is determined by the rate type (Local or Toll, etc.) for calls from this rate center to the code being opened.

Field Values This table will contain the following fields:

Field Name	Field Values
RATE CENTER	(key field); up to 4 alphanumeric characters.
RATE TYPE	(key field); up to 1 alphanumeric character; L (local), T (toll), Z (Zum) or A (all).
STS	(key field); Serving translations schema; 000-999.
SCRNCL	(key field); Screening class; 4 alphanumeric characters.
TYPCALL	(key field); Types of call; 2 characters; OA, NP, DD, NL.

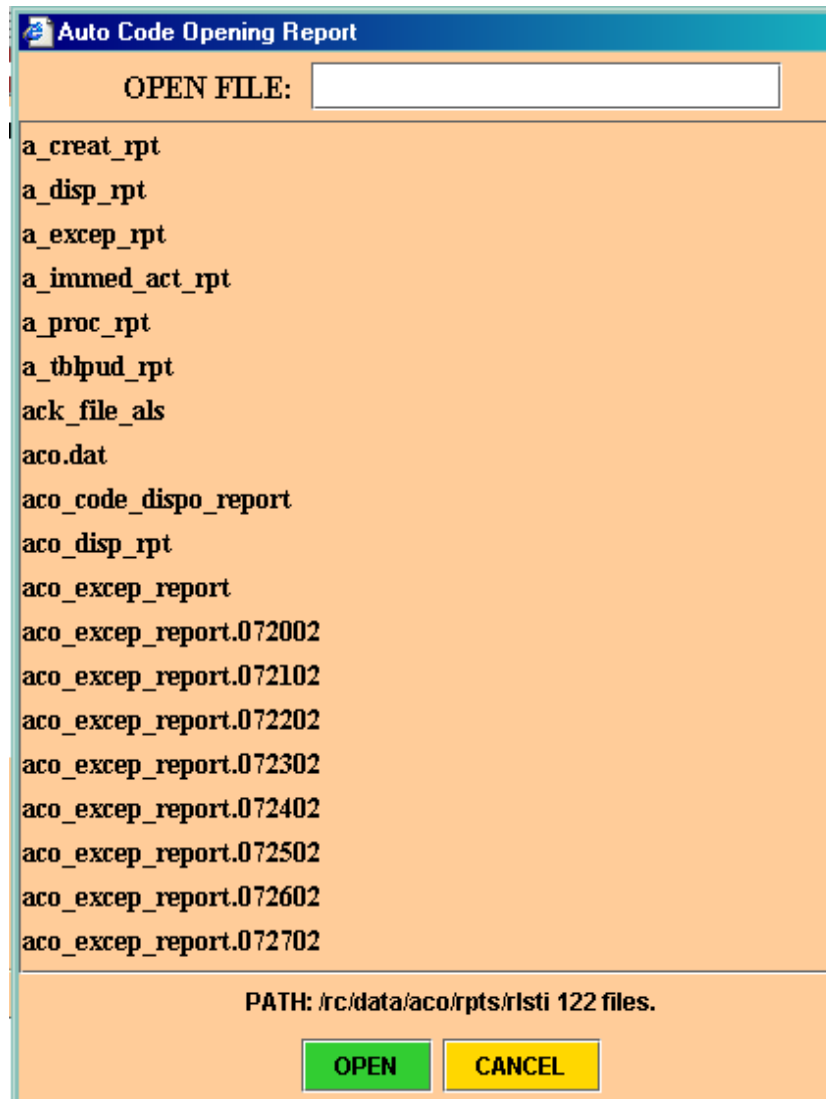
.....
E N D O F S T E P S

Auto Code Reports

Introduction

- 1 From the **ADMIN** Menu, select the **AUTO CODE OPENING REPORTS** option.

Figure 14-35 Auto Code Report Browser Window



END OF STEPS

Overview This Report Browser lists all the reports that can be accessed by the user using the names specified in the Domain Table. These reports are retained for 60 days. These are view-only reports.

Reports The set of reports included are:

Name of Report	Audience
Acknowledgment Report	Code Administration System Administrator
Immediate Action Report	Auto Code Feature Administrator
Order Creation Log Report	Translations Technicians/End Users
Exceptions Report	Auto Code Feature Administrator
Processing Log	Auto Code Feature Administrator/Alcatel-Lucent
Table Update Log Report	Auto Code Feature Administrator/Alcatel-Lucent
Management Summary Report	Management

Acknowledgement Report Acknowledgment Report - This report is transmitted back to the Code Administration System by the primary central processor as soon as 8950 VAM has parsed and analyzed the daily Code Administration System code opening file. This report is generated to acknowledge the receipt and processing of the file, and also identifies any records determined to be invalid by 8950 VAM.

This report is intended only for the Code Administration System administrator.

Figure 14-36 Acknowledgement Report

ACO Report Browser: ack_file_als

ACRPTS:
ACRPTS: ***** BEGIN Wed Mar 5 07:14:34 2003
ACRPTS:
ACRPTS: ***** END Wed Mar 5 07:14:34 2003

File ack_file_als has 4 lines. Displayed from the first line up to line: 4

PRINT EXIT

Immediate Action Report

Immediate Action Report - Daily Status Report produced and maintained by the primary central processor. The report is generated to identify the set of actions the Automated Code Opening Feature Administrator is required to perform to properly maintain the Route and Rate Like Code Tables. Included in this report are the set of Rate and Route Like Code Table entries that must be updated by the Feature Administrator because of scheduled network rearrangement activity. At the conclusion of the Code Administration System file processing, this report is sent to the printer designated by the system administrator for Daily Status Reports.

This table is intended to be used by the Auto Code Feature Administrator.

Figure 14-37 Immediate Action Report

```
ACO Report Browser: aco_imm_act_report
ACRPTS:
ACRPTS: ***** BEGIN  Mon Aug 12 10:31:20 2002
ACRPTS:
ACRPTS: ## Begin post processing DWD records
ACRPTS:
ACRPTS: ## End post processing DWD records
ACRPTS:
ACRPTS: ## Begin post processing DISC records
ACRPTS:
ACRPTS: ## End post processing DISC records
ACRPTS:
ACRPTS: ## Begin post processing NSW records
ACRPTS:
ACRPTS: ## End post processing NSW records
ACRPTS:
ACRPTS: ## Begin post processing REHOME records
ACRPTS:
ACRPTS: ## End post processing REHOME records
ACRPTS:
ACRPTS: ***** END  Mon Aug 12 10:31:20 2002

File aco_imm_act_report has 20 lines. Displayed from the first line up to line: 20

[PRINT] [EXIT]
```

Order Creation Log Report

Order Creation Log Report - This log report is created daily. The data in this report is similar to the log report currently provided for the 3 and 6 digit translations feature, and contains chronological information on the LDITs or tables visited, recent changes that were created for the order, and exception events. This log will be sorted daily by switch CLLI and new code.

This report is intended for individual translations technicians (End Users).

Figure 14-38 Order Creation Log Report

```

N ACO Report Browser: aco_creat_log.sorted.032701
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      Applicable LDITS = 1,2,3,4,5,6,7,9,10,11,16,17,23,31,32,33,40,41,81
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      Applicable LDITS = 101
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      011 THE NEW CODE 202940 HAS PENDING RECENT CHANGE AGAINST IT IN 9.3
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      011 THE NEW CODE 202940 HAS PENDING RECENT CHANGE AGAINST IT IN 9.3
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      007 RECENT CHANGE SUCCESSFULLY CREATED FOR 9.3 LDIT = 1, INCOMINGDI
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      011 THE NEW CODE 940 HAS PENDING RECENT CHANGE AGAINST IT IN 9.3 W
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      007 RECENT CHANGE SUCCESSFULLY CREATED FOR 9.3 ldit=1 incomingdigit
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 2, INCOMINGDIGITS = 20
ACRPTS:
ACRPTS: 03/27/2001 09:29 LAN5E14J1HM 202940
ACRPTS:      003 NO RATE LIKE CODE EXISTS FOR 9.3 LDIT = 3, INCOMINGDIGITS = 20
ACRPTS:

```

File aco_creat_log.sorted.032701 has 99 lines. Displayed from the first line up to line: 99

PRINT EXIT

Exceptions Report

Exceptions Report - This report is produced daily by each central processor and contains such information as current link outages that are causing code opening order creation jeopardy conditions and CLEC orders that should be examined to determine whether or not direct trunk routes are available rather than the tandem routes that were used. The report is sent to the printer designated by the system administrator for Daily Status Reports. This log will be sorted daily by switch CLI and new code.

This report is intended for the Auto Code Feature Administrator.

Figure 14-39 Exceptions Report

```
ACO Report Browser: aco_excep_rpt.041801
ACRPTS:
ACRPTS: 04/18/2001 12:45 LAN5E14J1HM 202746
ACRPTS:      Failed to schedule code. Currently in REJ state.
ACRPTS:
ACRPTS: 04/18/2001 12:45 LAN5E14J1HM 702265
ACRPTS:      Failed to schedule code. Currently in REJ state.
ACRPTS:
ACRPTS: 04/18/2001 12:45 LAN5E14J1HM 702332
ACRPTS:      Failed to schedule code. Currently in REJ state.
ACRPTS:
ACRPTS: 04/18/2001 12:45 LAN5E14J1HM 702581
ACRPTS:      Failed to schedule code. Currently in REJ state.
ACRPTS:
ACRPTS: 04/18/2001 12:45 LAN5E14J1HM 702858
ACRPTS:      Failed to schedule code. Currently in REJ state.
```

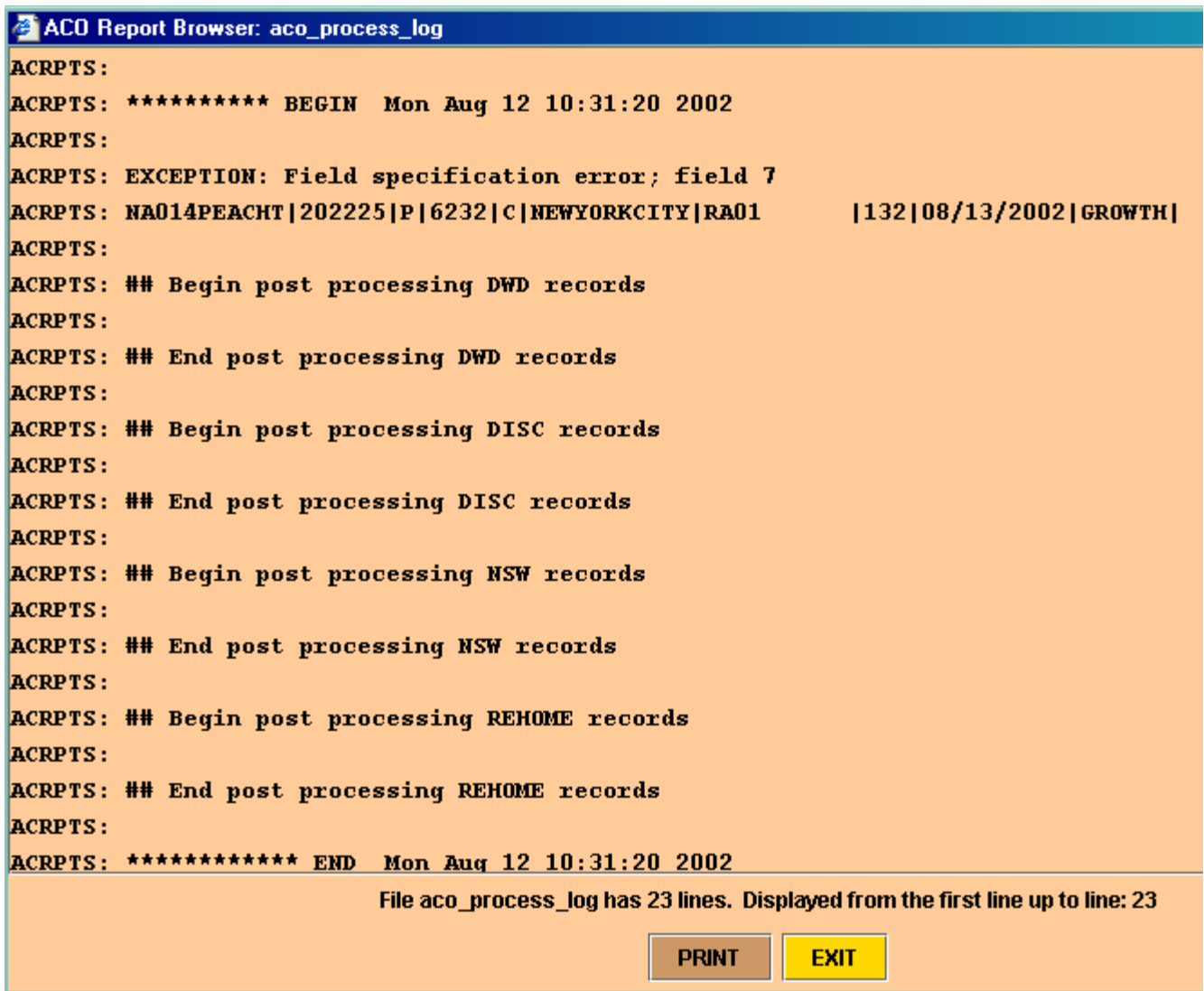
File aco_excep_rpt.041801 has 15 lines. Displayed from the first line up to line: 15

PRINT EXIT

Processing Log Processing Log - This Daily Status Report is produced and maintained by the primary central processor. The report logs chronological actions taken by the Automated Code Opening process by the primary central processor. The report can be viewed via the Auto Code Opening Report Browser.

This report is intended for the Auto Code Feature Administrator and/or Alcatel-Lucent.

Figure 14-40 Processing Log



```
ACO Report Browser: aco_process_log
ACRPTS:
ACRPTS: ***** BEGIN  Mon Aug 12 10:31:20 2002
ACRPTS:
ACRPTS: EXCEPTION: Field specification error; field 7
ACRPTS: NAO14PEACHT|202225|P|6232|C|NEWYORKCITY|RA01      |132|08/13/2002|GROWTH|
ACRPTS:
ACRPTS: ## Begin post processing DWD records
ACRPTS:
ACRPTS: ## End post processing DWD records
ACRPTS:
ACRPTS: ## Begin post processing DISC records
ACRPTS:
ACRPTS: ## End post processing DISC records
ACRPTS:
ACRPTS: ## Begin post processing NSW records
ACRPTS:
ACRPTS: ## End post processing NSW records
ACRPTS:
ACRPTS: ## Begin post processing REHOME records
ACRPTS:
ACRPTS: ## End post processing REHOME records
ACRPTS:
ACRPTS: ***** END  Mon Aug 12 10:31:20 2002

File aco_process_log has 23 lines. Displayed from the first line up to line: 23

PRINT EXIT
```

Table Update Log Report

Table Update Log Report - This report is generated daily and maintained in each central processor, and contains an entry for every change (insert, change, or delete) made to any of the global administrative tables.

This report is intended for use by the Auto Code Feature Administrator and/or Alcatel-Lucent.

Figure 14-41 Table Update Log Report

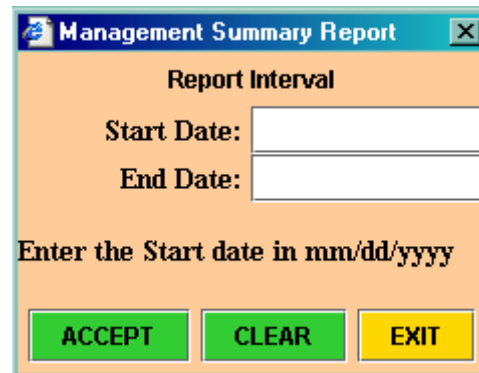
ACO Report Browser: tbl_upd_log			
ACRPTS:			
ACRPTS:	05/24/1999 12:53:55	User Id: DAS	Host Id: PEACH
ACRPTS:	DEL: Deleted a record from the table aco_route_like		
ACRPTS:	where tolocation=JJJJJJJJJJ and lata=555 and npa=444 and (tan		
ACRPTS:			
ACRPTS:	05/24/1999 12:54:27	User Id: DAS	Host Id: PEACH
ACRPTS:	INP: Input a record into the table aco_sw_ctl with values		
ACRPTS:	(EN0CHJ33PCH,1010,,)		
ACRPTS:			
ACRPTS:	05/24/1999 12:54:38	User Id: DAS	Host Id: PEACH
ACRPTS:	DEL: Deleted a record from the table aco_sw_ctl		
ACRPTS:	where hostc1li=EN0CHJ33PCH and order_sched_time=1010 and (ope		
ACRPTS:			
ACRPTS:	05/24/1999 12:54:52	User Id: DAS	Host Id: PEACH
ACRPTS:	INP: Input a record into the table aco_sw_ctl with values		
ACRPTS:	(EN0CHJ33PCH,1010,,)		
ACRPTS:			
ACRPTS:	05/24/1999 12:55:15	User Id: DAS	Host Id: PEACH
ACRPTS:	CHG: Updated a record in the table aco_sw_ctl		
ACRPTS:	where hostc1li=EN0CHJ33PCH and order_sched_time=1010 and (ope		
ACRPTS:	with order_sched_time= 1010,open_begin_dt= 12/28/1999,freeze_b		
ACRPTS:			
File tbl_upd_log has 552 lines. Displayed from the first line up to line: 552			
		PRINT	EXIT

Management Summary Report

- 1 Move the cursor over the **ADMIN** portion of the menu bar. Select the **AUTO CODE MANAGEMENT REPORT** option.

The following window is displayed:

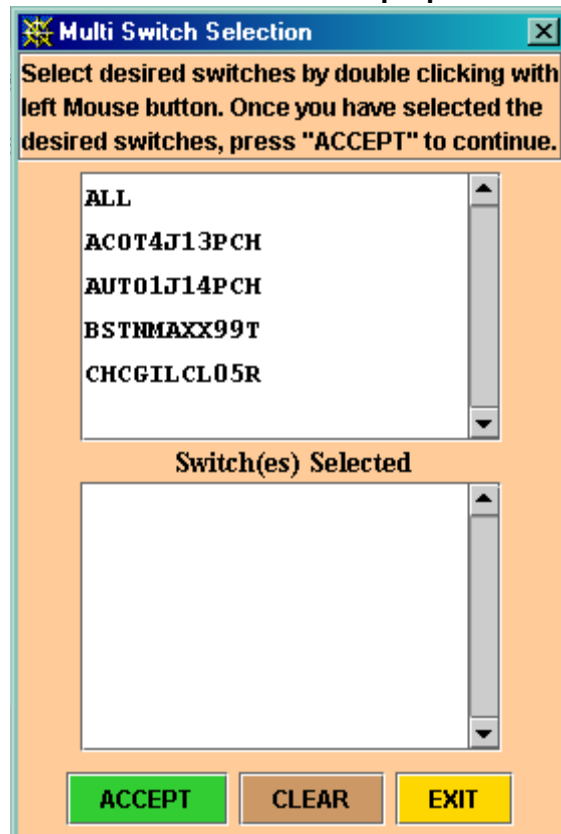
Figure 14-42 Dates for Management Summary Report



A dialog box titled "Management Summary Report" with a close button (X) in the top right corner. The dialog has an orange background. It contains a section labeled "Report Interval" with two text input fields: "Start Date:" and "End Date:". Below these fields is a text label "Enter the Start date in mm/dd/yyyy". At the bottom of the dialog are three buttons: "ACCEPT" (green), "CLEAR" (green), and "EXIT" (yellow).

-
- 2 Enter in the Interval to be covered by the report; Start Date and End Date and press the **ACCEPT** action button.
-
- 3 Select the Switches to be included in the report and press the **ACCEPT** action button, as displayed below.

Figure 14-43 Multi-switch Selection Pop-up Window



A dialog box titled "Multi Switch Selection" with a close button (X) in the top right corner. The dialog has an orange background. It contains a text label "Select desired switches by double clicking with left Mouse button. Once you have selected the desired switches, press 'ACCEPT' to continue." Below this label is a list box containing the following items: "ALL", "AC0T4J13PCH", "AUT01J14PCH", "BSTNMAXX99T", and "CHCGILCL05R". Below the list box is a text label "Switch(es) Selected" followed by an empty text input field. At the bottom of the dialog are three buttons: "ACCEPT" (green), "CLEAR" (brown), and "EXIT" (yellow).

The report will be displayed as shown below:

Figure 14-44 Management Summary Report

Code Opening Summary Report

MANAGEMENT SUMMARY REPORT
 Code Opened by Navis Voice AM Auto Code Opening Feature
 Interval = 06/02/2002 - 06/05/2002

MANAGEMENT SUMMARY REPORT

Codes Opened by CONNECTVU Automated Code Opening Feature

Interval = Jun. 02, 2002 - Jun. 05, 2002

Switching Office	Scheduled Code Openings	Codes Opened by CONNECTVU	Codes Reqd Manual Handling	Percent Flow Through	Rejected Codes
=====					
AVERAGES :					

PRINT **SAVE** **EXIT**

The Management Summary report is designed for management and/or the Feature Administrator to track the progress of the Automated Code Opening Feature.

The system will then query the Code Opening Disposition Table for record entries that match the set of user specified criteria, i.e. HOST CLI field entry that matches one of the selected switches and DATE field entry that falls within the specified interval. Entries that have a DISP field of SCH or CAN are then discarded. The resulting set of entries will then be used to create the Management Summary Report.

It can be requested on demand to measure and report on the flow through percentage achieved by the Automated Code Opening Feature over a specified interval for a selected set of switch offices.

The resulting set of entries shall be grouped by Office CLI and the following parameters computed for each office:

- Scheduled Code Openings = sum of all growth entries
- Codes Opened by 8950 VAM = sum of all entries with DISPOSITION = CPD
- Codes Requiring Manual Handling = sum of all entries with DISPOSITION = REJ1, REJ2, REJ3, REJ5 or REJ7.
- Percent Flow Through = $(\text{Codes Opened by 8950 VAM} / \text{Scheduled Code Openings}) * 100\%$
- Rejected Codes = sum of all entries with DISPOSITION = REJ4, REJ6, REJ8 or REJ9.

The average of each of the above set of parameters across all selected switch offices shall then be computed.

Columns in the report shall consist of Switching Office, Scheduled Code Openings, Codes Opened by 8950 VAM, Codes Requiring Manual Handling, Percent Flow Through, and REJECTED CODES.

Calculated column averages are displayed at the bottom of each column.

The user can print or save the report to a file or exit the report.

END OF STEPS

15 Creating Custom Inventory Tables

Overview

Purpose The purpose of this chapter is to introduce the custom inventory tables feature associated with 8950 VAM.

Contents The following topics are included in this chapter

Background	15-2
Action Buttons Used for Managing the Tables	15-4
Network Wide Tables	15-5
Switch Specific Tables	15-31
Custom Inventory Table - Display only	15-42
Creating DID Custom Inventory Forms	15-45
Creating CTX Custom Inventory Forms	15-48

Background

Introduction Customer inventory tables are stored as database tables within the shadow database. There are two types of tables: switch specific and network wide. A network wide table is one where the data is available from any central. The customer Inventory tables are also updated by task activity. Updates include additions of rows in a table, changes to data within a row in a table or deletion of table row(s). In addition, task activity will read and retrieve data from the customer Inventory tables for use in Task Execution.

The three Custom Inventory tables listed at the bottom are for all customers.

Overview There are 13 Network wide tables:

- Code Index Table
- Digit Analysis Mapping Table
- RTI Parameter Table
- RTI Range Table
- RAR Parameter Table
- Trunk Parameter (there are 2 versions of this table: one is the Trunk Parameter Table (AT&T) and one is the Trunk Parameter Table (BAGNI))
- DMSFAC.ALARM Table
- DMSFAC.PM Table
- DMSFAC.FAIL Table
- DMSFAC.THLD Table
- DMSTRKGRPEANT Table
- TUTTM to CDI Mapping Table
- Lookup Custom Inventory Table

There are 11 switch specific tables:

- ADL Usage Indicator Table
- ARS Feature Table (display only)
- BTFN to TGN Mapping Table
- RTI RESERVATION Table
- SI Reservation Table
- CALLATTR Reservation Table

- LTID Reservation Table
- SCREENING INVENTORY MAPPING Table
- TRUNK GROUP FIN MAPPING Table
- INV GEN RSV Table
- DMS LIST Table

There are three Custom Inventory tables:

- NOC Table - 5ESS only
- DID Custom Inventory Form- 5ESS only
- CTX Custom Inventory Form- 5ESS only



Action Buttons Used for Managing the Tables

Action buttons While accessing the custom inventory tables, you will see one or more action buttons at the bottom of the window. The following information describes how they are used:

- **Input** – Lets users input new rows of data into the inventory table. This mode performs key validations to ensure that users are not allowed to enter duplicate records. Key fields are the only required fields. When a specific number is specified for a field value, users must enter exactly that number of characters or the field will fail validation.
- **Query** – Lets users format a query-by-example to query the inventory tables. Records are displayed to users as a screen of data; one record per screen. Users can scroll through these records by using the NEXT and PREV buttons. Users can stay within the query paging in order to change and/or delete more than one record.

The following Action Buttons are available from within a query:

- **Report** – After a query is executed, users can run a report to view the data in report format. A record can be deleted from within the query, but still appear in the report, since the reports feature is based on the current query results prior to any changes/deletions.
- **Change** – After a query is executed, users can position the cursor on a particular record and use this option to make changes to the record. The key fields for a record can not be changed.
- **Delete** – After a query is executed, users can position the cursor on a particular record and use this option to delete the record. Users are prompted for confirmation of the deletion.



Network Wide Tables

Overview AT&T Network wide tables are stored on each central. If a single central is unavailable, a background process will periodically resynchronize the table on that central.

Figure 15-1 AT&T Inventory Tables Option

The screenshot shows a terminal window with a menu structure. At the top, there are tabs: SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The ADMIN tab is selected. Below the tabs, the main area displays 'RC SUMMARY {ORD}' and a table with columns 'BL', 'KEY', and 'MD R'. A cascaded pull-down menu is open from the ADMIN tab, showing options: MULTIPLE VERIFY, REPORT BROWSER, BAGNI INVENTORY, AT&T INVENTORY (highlighted), CUSTOM INVENTORY, CODE OPENING TABLES, 3 AND 6 DIGIT REPORTS, AUTO CODE OPENING REPORTS, AUTO CODE MANAGEMENT REPORT, and USER CUSTOMIZATION. To the right of the main menu, a sub-menu is visible with options: LOG REPORT, NETWORK TABLES, and SWITCH SPECIFIC TABLES. At the bottom of the terminal window, there are two buttons: QUERY and REDISPLAY.

Introduction The following section will demonstrate how to access and use the Network Wide Inventory tables. Network Wide inventory forms let you Query or Update customer related information.

Code Index Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

-
- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **Code Index** option.

Result: The text portion of the screen will be populated with the Code Index inventory form and two action buttons will appear on the bottom of the display.

Figure 15-2 Code Index Table

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
RLSTI		CODE INDEX						
AUT01J14PCH		5E14						
(*) 1. ROUTE TYPE								
*2. 4ESS ROUTE								
(*) 3. TU/TTM								
*4. PORTED								
5. CODE INDEX								
6. CLLI								
7. USER ID								
8. TIMESTAMP								
9. ORDER ID								
INPUT QUERY								

END OF STEPS

Code Index Table Field Values

The following are the field values for the Code Index Table:

Field Name	Field Value
Route Type	Toll, Local, ADL4, APN or blank; up to 5 characters.
4ESS Route	Y or N
TU/TTM	up to 9 characters
Ported	Y or N
Code Index	0 to 4095
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 30 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)

Digit Analysis Mapping Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **Digit Analysis Mapping** option.

Result: The text portion of the screen will be populated with the Digit Analysis Mapping inventory form and two action buttons will appear on the bottom of the display.

Figure 15-3 Digit Analysis Mapping Table

OFFICES	CLASSES	LINKED VIEWS	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
NSC		DIGIT ANALYSIS MAPPING						
ENOCHT13SPK		5E13						
*1. TU/TTM *2. ADL USE (*) 3. OPERATOR EXPRESS (*) 4. ADL (*) 5. SERVICE INDICATOR (*) 6. CUSTOMER DIALING PLAN 7. DAS 8. USER ID 9. TIMESTAMP 10. ORDER ID								
INPUT QUERY								

END OF STEPS

Digit Analysis Mapping Table Field Values

The following are the field values for the Digit Analysis Mapping Table:

Field Name	Field Value
TU/TTM	up to 9 characters
ADL Use	ADL4 or ADL5
Operator Express	Y, N or blank
ADL	Y, N or blank
Service Indicator	SDN, MEG, INB or blank
Customer Dialing Plan	NXX, PLS or blank
DAS	0 to 99 - do NOT use leading zeros
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 30 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, *Action Buttons Used for Managing the Tables*.

RTI Parameter Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **RTI Parameter** option.

Result: The text portion of the screen will be populated with the RTI Parameter inventory form and two action buttons will appear on the bottom of the display.

Figure 15-4 RTI Parameter Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

NSC RTI PARAMETER

ENOCHJ13SPK 5E13

*1. TU/TTM
2. SIG PRO
3. RT DEST TYPE
4. FGD CIC 4
5. ANI IND
6. CPN SUBSC
7. CSI SUBSC
8. CIGP SUBSC
9. USER ID
10. TIMESTAMP
11. ORDER ID

INPUT QUERY

END OF STEPS

RTI Parameter Table Field Values

The following are the field values for the RTI ParameterTable:

Field Name	Field Value
TU/TTM	up to 9 characters
SIG PRO	up to 5 characters
RT DEST TYPE	up to 11 characters
FGD CIC 4	Y or N
ANI IND	Y or N
CPN SUBSC	Y or N
CSI SUBSC	Y or N
CICP SUBSC	Y or N
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 30 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)

RTI Range Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **RTI Range** option.

Result: The text portion of the screen will be populated with the RTI Range inventory form and two action buttons will appear on the bottom of the display.

Figure 15-5 RTI Range Table

OFFICESCLASSESLINKED VIEWSSUMMARIESORDER CMDSRC CMDSADMINOPTIONSINFORMATION

NSC

RTI RANGE

ENOCHJ13SPK5E13

(*)1. ACCESS ARRANGEMENT
*2. CODE TYPE
(*)3. TU/TTM
4. START OF RTI RANGE
5. END OF RTI RANGE
6. USER ID
7. TIMESTAMP
8. ORDER ID

INPUTQUERY

END OF STEPS

RTI Range Table Field Values

The following are the field values for the RTI Range Table:

Field Name	Field Value
ACCESS ARRANGEMENT	4 characters or blank
CODE TYPE	4 characters
TU/TTM	up to 9 characters
START OF RTI RANGE	1 to 16382
END OF RTI RANGE	1 to 16382
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 30 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)

RAR Parameter Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **RAR Parameter** option.

Result: The text portion of the screen will be populated with the RAR Parameter inventory form and two action buttons will appear on the bottom of the display.

Figure 15-6 RAR Parameter Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

NSC RAR PARAMETER

ENOCHJ14SPK 5E14

*1. TU/TIM
*2. SI
*3. CDI
4. TDV
5. CST
6. IECR
7. CBLK
8. (NONE) CHARGE INDEX
9. (1+) CHARGE INDEX
10. (0+) CHARGE INDEX
11. REMARKS
12. USER ID
13. TIMESTAMP
14. ORDER ID

INPUT QUERY

END OF STEPS

RAR Parameter Table Field Values

The following are the field values for the RAR Parameter Table:

Field Name	Field Value
TU TTM	up to 9 characters
SI	1 to 4095; wildcards permitted at the end of #
CDI	1 to 4095
TDV	N, RVB or ATT
CST	NONE, HIGH or LOW
IECR	Y or N
CBLK	Y or N
CHARGE INDEX	0 to 2047
CHARGE INDE 1	0 to 2047
CHARGE INDEX 0	0 to 2047
REMARKS	up to 16 characters
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 30 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables*](#).

Trunk Parameter Table (AT&T)

Important! The first Trunk Parameter is the AT&T Trunk Parameter Table.

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed.

-
- 3 Select the **Trunk Parameter** option.

Result: The text portion of the screen will be populated with the Trunk Parameter inventory form and two action buttons will appear on the bottom of the display.

Figure 15-7 AT&T Trunk Parameter Table

TRUNK PARAMETER	
*1. TU/TTM	15. OUTPUTSING
2. TRK DIR	16. HOLD BUSY
3. HUNT TYPE	17. CNA OPTION
4. GLARE ACTION	18. BRCS
5. TRUNK CLASS	19. DATARATE
6. CARRIER ID	20. SI
7. FEAT GRP	21. REMARKS
8. FREE ANS	22. USER ID
9. INTD WINK	23. TIMESTAMP
10. ATTN	24. ORDER ID
11. TERARCVY	
12. IAPT	
13. CALLMON INH	
14. INPULSING	

END OF STEPS

Trunk Parameter (AT&T) Values

The following are the field values for the AT&T Trunk ParameterTable:

Field Name	Field Value
TU/TTM	up to 9 characters
TRK DIR	up to 7 characters
HUNT TYPE	3 to 6 characters
GLARE ACTION	up to 8 characters
TRUNK CLASS	up to 8 characters
CARRIER ID	0 to 9999 or blank
FEAT GRP	D or blank
FREE ANS	Y or N
INTD WINK	Y or N
ATTN	0 to 999
TERARCVY	3 characters
IAPT	Y or N
CALLMON INH	Y or N
INPULSING	up to 8 characters
OUTPULSING	up to 8 characters
HOLD BUSY	Y or N
CNA OPTION	COND, NONE or UNCOND
BRCS	Y or N
DATARATE	56K, 64K, R64K or blank
SI	1 to 4095
REMARKS	up to 16 characters
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, *Action Buttons Used for Managing the Tables*.

Trunk Parameter Table (BAGNI)

Important! This is the BAGNI Trunk Parameter Table.

- 1 Select the **BAGNI INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **Trunk Parameter** option.

Result: The text portion of the screen will be populated with the Trunk Parameter inventory form and two action buttons will appear on the bottom of the display.

Figure 15-8 BAGNI Trunk Parameter Table

NSC		TRUNK PARAMETER	
ENOCHJ140RG		5E14	
1. TU/TM	17. TSPSTYPE		
2. TRK DIR	18. TRKQUERY		
3. GLARE ACTION	19. TRANSTEST		
4. TRUNK CLASS	20. VPARATE		
5. CARRIER ID	21. VPATYPE		
6. FEAT GRP	22. CONTROLTYPE		
7. TERARCVY	23. DATARATE		
8. IAPT	24. MAX HOP CNT		
9. INPLS	25. ATTBILL		
10. OUTPLS	26. LDP		
11. FREEANS	27. ANIPROCESS		
12. OUTPLREQ	28. TERMBILL		
13. AUDIBLE	29. RTCD		
14. SIGNAL	30. REMARKS		
15. FREETERM	31. USER ID		
16. INIT	32. TIMESTAMP		
	33. ORDER ID		

INPUT QUERY

END OF STEPS

**Trunk Parameter Table
(BAGNI) Field Values**

The following are the field values for the BAGNI Trunk ParameterTable:

Field Name	Field Value
TU/TTM	up to 15 characters
TRK DIR	up to 7 characters
GLARE ACTION	blank, NONECTRL, ODDEVEN or ALLCTRL
TRUNK CLASS	up to 8 characters
CARRIER ID	6963, 0333 or blank
FEAT GRP	D or blank
TERARCVY	3 characters; RPT or TST
IAPT	Y or N
INPLS	MF or ISUP7
OUTPLS	MF or ISUP7
FREEANS	Y or N
OUTPLREQ	Y or N
AUDIBLE	Y or N
SIGNAL	EXINBND or NONE
FREETERM	Y or N
INIT	Y or N
TSPSTYPE	SUPERCOMB or NONE
TRKQUERY	Y or N
TRANSTEST	Y or N
VPARATE	0, 12, 50, 100
VPATYPE	NOVPA or 4W4WL0
CONTROLTYPE	SKIP, CANCEL or blank
DATARATE	56K, 64K or blank
MAX HOP CNT	1 - 20
ATTBILL	Y, N or blank
LDP	Y or N
ANIPROCESS	Y or N
TERMBILL	Y or N

Field Name	Field Value
RTCD	Y or N
REMARKS	up to 16 characters
USER ID	up to 8 characters; display only
TIMESTAMP	14 digits; YYYYMMDDHHMMSS; display only
ORDER ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [Action Buttons Used for Managing the Tables](#).

DMS Inventory Tables

The DMS inventory tables are based on the following format:

<DMS table name>.<DMS.list name>

For example, C7RTESET.PC would be the PC list in the C7RTESET table. Users need to be familiar with the DMS tables and the lists they contain in order to use these tables properly.

DMSFAC.ALARM Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **DMSFAC.ALARM** option.

Result: The text portion of the screen will be populated with the DMSFAC.ALARM inventory form and two action buttons will appear on the bottom of the display.

Figure 15-9 DMSFAC.ALARM Table

END OF STEPS

DMSFAC.ALARM Table Field Values

The following are the field values for the DMSFAC.ALARM Table:

Field Name	Field Value
PARM	up to 16 characters
ALRMLIME	0 to 200
CLRLIM	0 to 200
ALRMSEV	NA, MN, MJ, CR
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [Action Buttons Used for Managing the Tables](#).

DMSFAC.PM Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **DMSFAC.PM** option.

Result: The text portion of the screen will be populated with the DMSFAC.PM inventory form and two action buttons will appear on the bottom of the display.

Figure 15-10 DMSFAC.PM Table

The screenshot displays a terminal window with a menu bar at the top containing the following items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. The main content area is divided into two sections. The top section contains the text 'LORI' on the left and 'DMSFAC PM' on the right. Below this, there is a line of text 'NOVYRJ09KRR' on the left and 'UCS12' on the right. The bottom section of the main area contains a list of options: *1. PARM, 2. DAYLIM, 3. MIN15LIM, 4. ALRMSEV, 5. USER ID, 6. TIMESTAMP, and 7. ORDER ID. At the bottom of the screen, there are two buttons labeled 'INPUT' and 'QUERY'.

END OF STEPS

DMSFAC.PM Table Field Values

The following are the field values for the DMSFAC.PM Table:

Field Name	Field Value
PARM	up to 16 characters
DAYLIM	0 to 4294967295
MIN15LIM	0 to 32767
ALRMSEV	NA, MN, MJ, CR
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, *Action Buttons Used for Managing the Tables*.

DMSFAC.FAIL Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **DMSFAC.FAIL** option.

Result: The text portion of the screen will be populated with the DMSFAC.FAIL inventory form and two action buttons will appear on the bottom of the display.

Figure 15-11 DMSFAC.FAIL Table

OFFICES	TABLES	LINKED TABLES	SUMMARIES	ORDER CMDS	RC CMDS	ADMIN	OPTIONS	INFORMATION
LORI		DMSFAC FAIL						
NOVVRJ09KRK		UCS12						
*1. PARM 2. SERVERITY 3. ACTION 4. USER ID 5. TIMESTAMP 6. ORDER ID								
					INPUT QUERY			

END OF STEPS

DMSFAC.FAIL Table Field Values

The following are the field values for the DMSFAC.FAIL Table:

Field Name	Field Value
PARM	up to 16 characters
SEVERITY	NA, MN, MJ CR
ACTION	RPT, NRPT
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [Action Buttons Used for Managing the Tables](#).

DMSFAC.THLD Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

-
- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **DMSFAC.THLD** option.

Result: The text portion of the screen will be populated with the DMSFAC.THLD inventory form and two action buttons will appear on the bottom of the display.

Figure 15-12 DMSFAC.THLD Table

The screenshot displays a software interface with a dark red header bar containing the following menu items: OFFICES, TABLES, LINKED TABLES, SUMMARIES, ORDER CMDS, RC CMDS, ADMIN, OPTIONS, and INFORMATION. Below the header, the interface is divided into two main sections. The left section, titled 'LORI', contains a text field with the value 'NOVYRJ09KRK' and a list of six items: *1. PARM, 2. SFBERLIM, 3. SDBERLIM, 4. USER ID, 5. TIMESTAMP, and 6. ORDER ID. The right section, titled 'DMSFAC THLD', contains a text field with the value 'UCS12'. At the bottom of the interface, there are two buttons labeled 'INPUT' and 'QUERY'.

END OF STEPS

DMSFAC.THLD Table Field Values

The following are the field values for the DMSFAC.THLD Table:

Field Name	Field Value
PARM	up to 16 characters
SFBERLIM	3 to 5
SDBERLIM	5 to 9
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)

DMSTRKGRP.EANT Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Network Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **DMSTRKGRP.EANT** option.

Result: The text portion of the screen will be populated with the DMSTRKGRP.EANT inventory form and two action buttons will appear on the bottom of the display.

Figure 15-13 DMSTRKGRP.EANT Table

OFFICES		CLASSES		LINKED VIEWS		SUMMARIES		ORDER CMDS		RC CMDS		ADMIN		OPTIONS		INFORMATION	
KAB		DMSTRKGRP EANT															
LDTEST05PCH		5E14															
*1. TU/TTM		11. USER ID															
2. PADGRP		12. TIMESTAMP															
3. NCCLS		13. ORDER ID															
4. IDPRTRAN																	
5. PRINM																	
6. OPART																	
7. BCNAME																	
8. OPTION1																	
9. COTREQ																	
10. OPTION2																	
INPUT		QUERY															

END OF STEPS

**DMSTRKGRP.EANT Table
Field Values**

The following are the field values for the DMSTRKGRP.EANT Table:

Field Name	Field Value
TU/TTM	up to 9 characters
PADGRP	up to 8 characters
NCCLS	up to 4 characters
IDPRTRAN	up to 8 characters
PRTNM	up to 8 characters
OPART	up to 3 characters
BCNAME	up to 10 characters
OPTION1	up to 150 characters
COTREQ	1 character
OPTION2	up to 80 characters
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

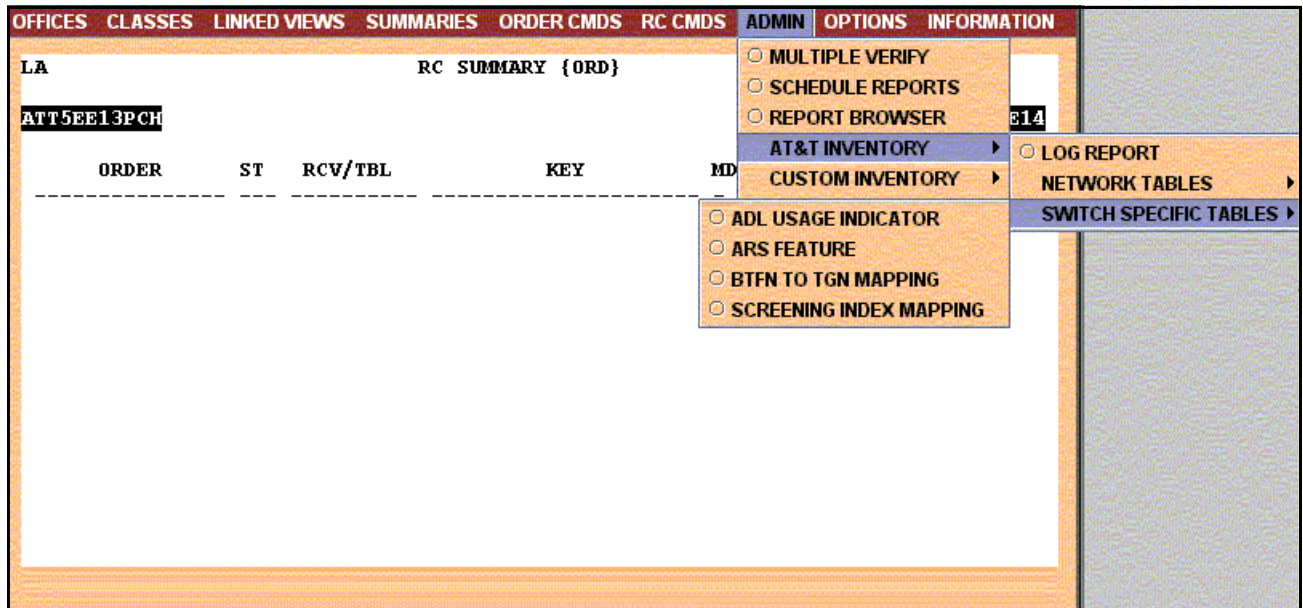
Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)



Switch Specific Tables

Overview AT&T Switch Specific tables are located on each central.

Figure 15-14 Switch Specific Tables Option



Introduction The following section will demonstrate how to access and use the Switch Specific Inventory tables. Switch Specific inventory forms let you Query or Update customer related information.

ADL Usage Indicator Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Switch Specific Tables** option.

Result: The cascaded pull down menu is displayed

-
- 3 Select the **ADL Usage Indicator** option.

Result: The text portion of the screen will be populated with the ADL Usage Indicator inventory form and two action buttons will appear on the bottom of the display.

Figure 15-15 ADL Usage Indicator Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

NSC ADL USAGE INDICATOR

ENOCHJ13SPK 5E13

*1. HOSTCLLI
2. ADL USE
3. USER ID
4. TIMESTAMP
5. ORDER ID

INPUT QUERY

END OF STEPS

ADL Usage Table Field Values

The following are the field values for the ADL Usage Table:

Field Name	Field Value
HOST CLLI	11 characters
ADL Use	ADL4 or ADL5
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)

ARS Feature Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Switch Specific Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **ARS FEATURE** option.

Result: The text portion of the screen will be populated with the ARS Feature inventory form and two action buttons will appear on the bottom of the display.

Figure 15-16 ARS FeatureTable

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

LAARS FEATURE

ATT5EE13PCH5E14

*1. HOSTCLLI
*2. FEATURE NAME
3. VOICE ARS GROUP NAME
4. DATA ARS GROUP NAME
5. ARS SI
6. 1st MCRTIDX 10D
7. 2nd MCRTIDX 7D
8. SFG NUM
9. TGN
10. IN USE
11. RESERVATION DATE
12. USER ID
13. TIMESTAMP
14. ORDER ID

END OF STEPS

ARS Feature Table Field Values

The following are the field values for the ARS FeatureTable:

Field Name	Field Value
HOST CLI	11 characters
FEATURE NAME	up to 8 characters
VOICE ARS GROUP NAME	up to 8 characters or blank
DATA ARS GROUP NAME	up to 8 characters or blank
ARS SI	1 to 16
1st MCRTIDX 10D	0 to 16382
2nd MCRTIDZ 7D	0 to 16382
SFG NUM	0 to 2000
TGN	1 to 4000
IN_USE	Y, R (reserved) or blank
RESERVATION DATE	MM/DD/YYYY; 8 character date
USER ID	up to 8 characters; display only
TIMESTAMP	14 digits; YYYYMMDDHHMMSS; display only
ORDER ID	up to 19 characters; display only

There is a limit of 850 ARS feature names per 5ESS switch.

There is a limit of 500 SFGs per 5ESS switch.

Reference: For information on how to use the action buttons, refer to the previous section [*Action Buttons Used for Managing the Tables.*](#)

BTFN to TGN Mapping Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Switch Specific Tables** option.

Result: The cascaded pull down menu is displayed

-
- 3 Select the **BTFN to TGN Mapping** option.

Result: The text portion of the screen will be populated with the BTFN to TGN Mapping inventory form and two action buttons will appear on the bottom of the display.

Figure 15-17 BTFN to TGN Mapping Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

NSC BTFN TO TGN MAPPING

ENOCHJ13SPK 5E13

*1. HOSTCLLI
*2. FAR END CLLI
*3. BTFN
4. TGN
5. USER ID
6. TIMESTAMP
7. ORDER ID

INPUT QUERY

END OF STEPS

**BTFN To TGN Mapping
Table Field Values**

The following are the field values for the BTFN to TGN Table:

Field Name	Field Value
HOST CLLI	11 characters
FAR END CLLI	11 characters
BTFN	0000 to 9999
TGN	1 to 4000
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, *Action Buttons Used for Managing the Tables*.

RTI RESERVATION Table

- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Switch Specific Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **RTI RESERVATION** option.

Result: The text portion of the screen will be populated with the RTI Reservation inventory form and two action buttons will appear on the bottom of the display.

Figure 15-18 RTI RESERVATION Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

KAB RTI reservation

LDTEST05PCH 5E14

*1. HOSTCLLI
*2. RTI
3. IN USE
4. RESERVATION DATE
5. TGN
6. NEXTRTI
7. SIGPRO
8. PREFDIG
9. DIGDLTD
10. ORDER ID

QUERY

END OF STEPS

RTI RESERVATION Table Field Values

The following are the field values for the RTI RESERVATION Table:

Field Name	Field Value
HOSTCLLI	11 characters
RTI	1 to 16382
IN_USE	Y, R (reserved)
RESERVATION DATE	YYYYMMDD; 8 characters
TGN	1 to 4000
NEXTRTI	0 to 16382 or blank
SIGPRO	TRAD, EA, INC, PNANI, FGB, MEA or INCM
PREFDIG	1 to 10 digits
DIGDLTD	0 to 15
ORDER ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)

Screening Index Mapping Table

-
- 1 Select the **AT&T INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **Switch Specific Tables** option.

Result: The cascaded pull down menu is displayed

- 3 Select the **Screening Index Mapping** option.

Result: The text portion of the screen will be populated with page one of the Screening Index Mapping inventory form and two action buttons appear on the bottom of the display.

Figure 15-19 Screening Index Mapping Table (first page)

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION		
NSC		SCREENING INDEX MAPPING
		Page 1 of 2
ENOCHJ14SPK 5E14		
*1. HOSTCLLI	15. DELETE TGAC3	
*2. FELATA	16. PREFIX TGAC3	
(*)3. FELATAA5	17. 911 TGAC3	
*4. FENPA	18. TKGRP IN-EFFECT TGAC3	
(*)5. FE0FC for 911	19. DELETE TGAC4	
6. PRIMARY RTI	20. PREFIX TGAC4	
7. DELETE TGAC1	21. 911 TGAC4	
8. PREFIX TGAC1	22. TKGRP IN-EFFECT TGAC4	
9. 911 TGAC1		
10. TKGRP IN-EFFECT TGAC1		
11. DELETE TGAC2		
12. PREFIX TGAC2		
13. 911 TGAC2		
14. TKGRP IN-EFFECT TGAC2		
INPUT QUERY		

END OF STEPS

**Screening Index Mapping
Table Field Values**

The following are the field values for the Screening Index Mapping Table:

Field Name	Field Value
HOST CLLI	11 character switch identifier
FELATA	front end LATA; 000 to 999
FELATA45	front end LATA45; 00 to 99 or blank
FENPA	front end NPA; 100 to 999
FEOFC FOR 911	3 characters or blank
PRIMARY RTI	1 to 16382
DELETE TGAC1	00 to 15
PREFIX TGAC1	up to 10 digits
TGAC1 911	8 characters
TKGRP IN-EFFECT TGAC1	Y or N
DELETE TGAC2	00 to 15
PREFIX TGAC2	up to 10 digits
TGAC2 911	8 characters
TKGRP IN-EFFECT TGAC2	Y or N
DELETE TGAC3	00 to 15
PREFIX TGAC3	up to 10 digits
TGAC3 911	8 characters
TKGRP IN-EFFECT TGAC3	Y or N
DELETE TGAC4	00 to 15
PREFIX TGAC4	up to 10 digits
TGAC4 911	8 characters
TKGRP IN-EFFECT TGAC4	Y or N
DELETE TGAC5	00 to 15
PREFIX TGAC5	up to 10 digits
TGAC5 911	8 characters
TKGRP IN-EFFECT TGAC5	Y or N
DELETE TGAC6	00 to 15
PREFIX TGAC6	up to 10 digits

Field Name	Field Value
TGAC6 911	8 characters
TKGRP IN-EFFECT TGAC6	Y or N
SI	1 to 4095
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only

Reference: For information on how to use the action buttons, refer to the previous section, [*Action Buttons Used for Managing the Tables.*](#)



Custom Inventory Table - Display only

NOC Table - 5ESS only

This table is display only. This table contains the status of all NOC (normalized office code) values. It is initialized using a cron job which populates the table with 8190 entries for each office, setting the NOC field with values from 1 - 8190 and setting the IN USE field to Y and the NPANXX field to the value created by concatenating the 8.2 NPA and OFFCOD fields for each NOC value that exists in the 8.2 records for that switch.

Procedure

- 1 Select the **CUSTOM INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **NOC Table** option.

Result: The text portion of the screen will be populated with the NOC inventory form and one action button will appear on the bottom of the display.

Figure 15-20 NOC Table

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

NSC NOC

EN0CHJ13SPK 5E13

*1. HOSTCLLI
*2. NOC
3. NPA/NXX
4. IN USE
5. RESERVATION DATE
6. USER ID
7. TIMESTAMP
8. ORDER ID

QUERY

NOC Table Field Values

The following are the field values for the NOC Table:

Field Name	Field Value
HOST CLI	11 characters
NOC	1 to 8190
NPA/NXX	6 digits
IN_USE?	Y, R (reserved) or blank
RESERVATION DATE	8 digits; MM/DD/YYYY
User ID	up to 8 characters; display only
Timestamp	14 digits; YYYYMMDDHHMMSS; display only
Order ID	up to 19 characters; display only



ROUTE_DIGITS table

ROUTE_DIGITS table ROUTE_DIGITS table is for IMS and it is a copy of the ROUTE_DIGITS table on the Alcatel-Lucent MGCF. The CSI will use the format required by the XML interface to the OMC-P. Where there are differences, the task will convert the value to the format required by the CSI.

Example: Boolean values are stored by the switch as "N" or "Y", but CSI stores as "true" or "false". The Inventory table will store these as "N" or "Y" and the task will convert them to "true" or "false".

Procedure Perform the following to display the ROUTE_DIGITS table:

- 1 Select the **CUSTOM INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **ROUTE_DIGITS Table** option.

Result: The text portion of the screen will be populated with the ROUTE_DIGITS inventory form and two action buttons will appear on the bottom of the display.

Figure 15-21 ROUTE_DIGITS

VitalSuite® Voice AM

ADMIN OPTIONS INFORMATION

INT

ROUTE DIGITS

DURHYSWITCH

5E16

*1. SWITCH NAME

*2. ROUTE LABEL

*3. PRIMARY KEY

*4. PRIM KEY VALUE

5. SECON KEY VALUE

6. TERT KEY VALUE

7. RTDEST

8. ACTM

9. MIN COST

11. REROUTE

12. USER ID

13. TIMESTAMP

14. ORDER ID

10. MAX COST

INPUT

QUERY

Error and Message Status

CHECKING RC LINK

CHECKING EB LINK

ROUTE_DIGITS Table Field Values

The following are the field values for the ROUTE_DIGITS Table:

Field Name	Field Value
SWITCH NAME	11 characters
ROUTE LABEL	10 characters
PRIMARY KEY	9 digits alphanumeric
PRIMARY KEY VALUE	15 digits alphanumeric
SECONDARY KEY VALUE	31 digits alphanumeric
TERTIARY KEY VALUE	10 digits alphanumeric
RTDEST	27 characters
ACTN	197 actions
MINCOST	3 digits
MAXCOST	3 digits
REROUTE	N or Y

.....
E N D O F S T E P S

ROUTE_DIGITS _KEY_SET table

ROUTE_DIGITS_KEY_SET table This table provides the key sets to be used with the NPANXX string for identifying and querying records in the ROUTE_DIGITS inventory table.

Procedure Perform the following to display the ROUTE_DIGITS_KEY_SET table:

- 1 Select the **CUSTOM INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **ROUTE_DIGITS_KEY_SET Table** option.

Result: The text portion of the screen will be populated with the ROUTE_DIGITS_KEY_SET inventory form and two action buttons will appear on the bottom of the display.

Figure 15-22 ROUTE_DIGITS_KEY_SET

VitalSuite® Voice AM

ADMIN OPTIONS INFORMATION

INT ROUTE DIGITS KEY SET

DURDAYSWITCH SE16

*1. SWITCH NAME
*2. ROUTE LABEL
*3. PRIMARY KEY
*4. PRTH KEY VALUE
*5. TERT KEY VALUE
6. USER ID
7. TIMESTAMP
8. ORDER ID

INPUT QUERY

Error and Message Status

CHECKING RC LINK CHECKING EB LINK

**ROUTE_DIGITS_KEY_SET
Table Field Values**

The following are the field values for the ROUTE_DIGITS_KEY_SET Table:

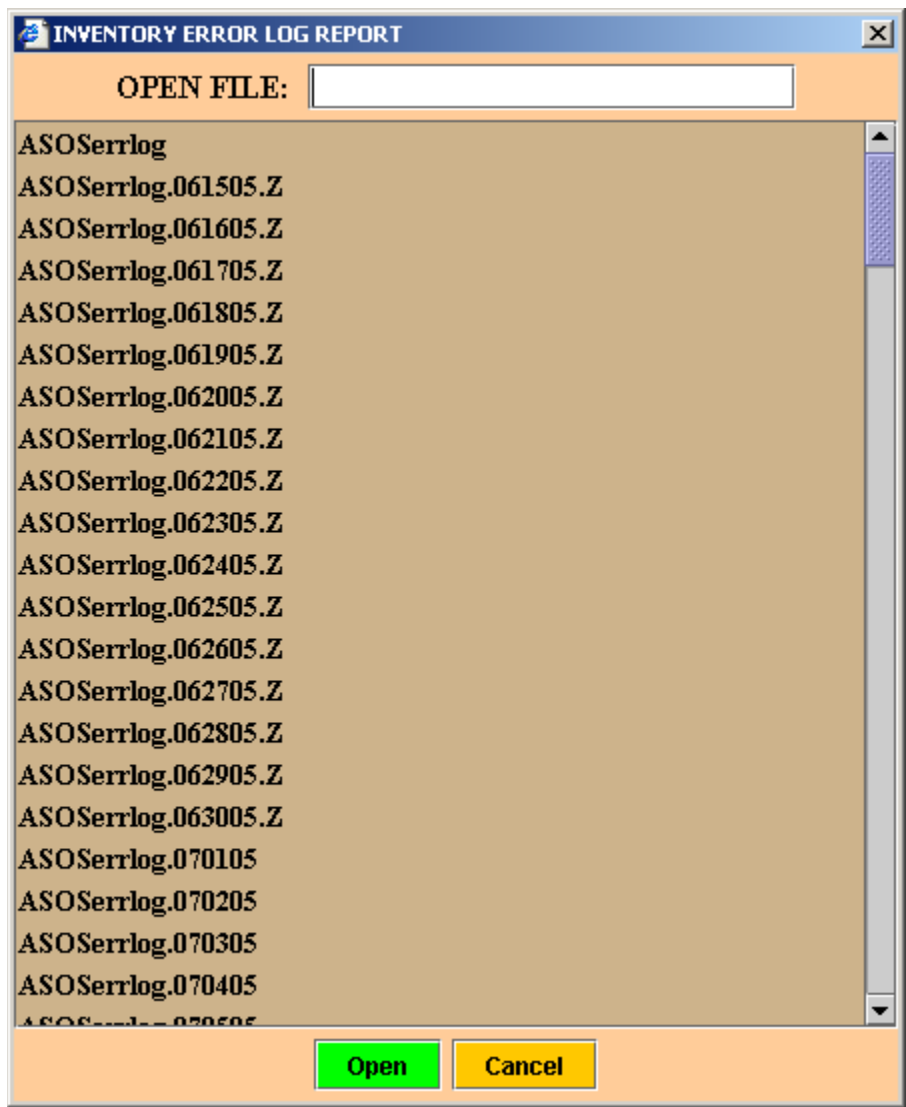
Field Name	Field Value
SWITCH NAME	11 characters
ROUTE LABEL	10 characters
PRIMARY KEY	9 digits alphanumeric
PRIMARY KEY VALUE	15 digits alphanumeric
SECONDARY KEY VALUE	31 digits alphanumeric
TERTIARY KEY VALUE	10 digits alphanumeric

Inventory Error Log Report

Introduction

- 3 From the **ADMIN** Menu, select the **AT&T Inventory** option, then select the **LOG REPORT** option.

Figure 15-23 Inventory Log Report



END OF STEPS

Overview This Report Browser lists all the Log Reports found on the central.

How to Use Highlight the Log Report to display and press the **Open** Action Button, and the report will be displayed.



Creating DID Custom Inventory Forms

Introduction The following section will demonstrate how to access and use the DID Custom Inventory feature. DID custom inventory forms let you Query or Update customer related information.

Important! This feature works for *5ESS only*.

Data table The fields on the DID Custom Inventory Screen are derived from a combination of data found on the 4.14 and 10.2 views.

Field Name	Source View
CUSTOMER NAME	4.14
# RANGE	4.14 fields npa (5E12 and later), offcode & hundgrp as follows: <NPA><OFFCODE><HUNDGRP>00:<HUNDGRP>99
RTI	HRI field from 4.14
TGN	TGN field from 10.2 where RTI=4.14 HRI field
REMARKS	4.14

Procedure

- 1 Select the **CUSTOM INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **DID INVENTORY** option.

Result: The text portion of the screen will be populated with the DID custom inventory form and two action buttons will appear on the bottom of the display.

- 3 Select the **QUERY** action button.

Result: The text cursor will be located at the CUSTOMER NAME field.

-
- 4 Enter information about a known CUSTOMER NAME or select the **ACCEPT** action button for a general database search.

Important! The DID CUSTOM INVENTORY report is better suited for queries based on the CUSTOMER NAME rather than the hundreds group. To query on the numbers, use wildcard characters instead of a range.

For example 816-220-100* or 816-220-1000?1099. If numeric ranges are truly required for an accurate query, use the 4.14 form for the query.

Result: The system will display the number of records found, and display the records in a list.

- 5 Select the **UPDATE** action button.

Result: The text cursor will be located at the CUSTOMER NAME field, as shown below:

Figure 15-24 DID Custom Inventory

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

LA DID CUSTOM INVENTORY {CDID}

ENOCHJ12PCH 5E12

CUSTOMER NAME	# RANGE	RTI	TGN	REMARKS

QUERY UPDATE

-
- 6** Enter the CUSTOMER NAME to be updated and select the **ACCEPT** action button.

Result: 8950 VAM will automatically display the specific information that corresponds to that CUSTOMER NAME.

- 7** Update the record as desired.

Important! 8950 VAM does not support either single quote (') or double quote (") in any data field.

- 8** Select the **ACCEPT** action button.

Result: 8950 VAM will update the corresponding 4.14 or 10.2 View.

END OF STEPS

Creating CTX Custom Inventory Forms

Introduction The following section will demonstrate how to access and use the CTX Custom Inventory feature. CTX custom inventory forms let you Query or Update customer related information.

Important! This feature works for *5ESS only*.

Procedure

- 1 Select the **CUSTOM INVENTORY** option from the **ADMIN** menu.

Result: The cascaded pull down menu is displayed

- 2 Select the **CTX INVENTORY** option.

Result: The text portion of the screen will be populated with the CTX custom inventory form and two action buttons will appear on the bottom of the display.

- 3 Select the **QUERY** action button.

Result: The text cursor will be located at the IDPNAME field.

- 4 Enter information about a known IDPNAME or select the **ACCEPT** action button for a general database search.

Result: The system will display the number of records found, and display the records in a list.

- 5 Select the **UPDATE** action button.

Result: The text cursor will be located at the IDPNAME field, as shown below:

Figure 15-25 CTX Custom Inventory

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

LA CTX CUSTOM INVENTORY {CTXC}

EN0CHJ12PCH 5E12

IDPNAME CUSTOMER NAME PILOT TEL. #

QUERY UPDATE

- 6 Enter the IDPNAME to be updated and select the **ACCEPT** action button.

Result: 8950 VAM will automatically display the specific information that corresponds to that IDPNAME.

- 7 Update the record as desired.

Important! 8950 VAM does not support either single quote (') or double quote (") in any data field.

- 8 Select the **ACCEPT** action button.

Result: 8950 VAM will update the corresponding 9.10 View.



16 Data Dictionary

Purpose This chapter describes the Data Dictionary Tool developed by 8950 VAM.

Objectives This chapter explains the function of the Data Dictionary and provides procedures for how to use it.

Contents The following topics are included in this chapter:

Perl CGI Interface	16-3
Informix ODBC Interface	16-10
MS Excel	16-10
MS Access	16-14
Other Procedures	16-19

Introduction to the Data Dictionary Tool/ODBC Interface

8950 VAM has developed a Data Dictionary Tool to eliminate the need to publish a data dictionary and maintain its accuracy as the database schema changes.

The Data Dictionary Tool is a perl script that uses the Database Interface (DBI) (Perl:DBI) to access the database. When the tool is configured to run as a Common Gateway Interface (CGI) script, it becomes accessible from the web. In conjunction with this tool, 8950 VAM has developed a set of procedures to allow the customer to use MS Access as the interface to the database.

The Data Dictionary Tool displays the relationship between switch field names and their associated database tables/columns. By running this tool, a switch expert can identify the database tables/columns required to perform a particular query. A database expert can then formulate the query using a preferred tool.

By using the Informix Open Database Connectivity (ODBC) Interface driver, the need for a database expert can be eliminated, provided the user is familiar with MS Access or a similar tool.

Background Information

Because the shadow database is a key selling point of the 8950 VAM system, customers have requested a data dictionary, which would enable them to query the database and extract the required data independent of the application.

8950 VAM has never published a data dictionary because the schema is constantly changing. Once published, the dictionary would virtually be out of date. Keeping the dictionary up to date would be a high-effort task. To eliminate the need to keep a data dictionary up to date, a tool has been developed to display the necessary information dynamically.



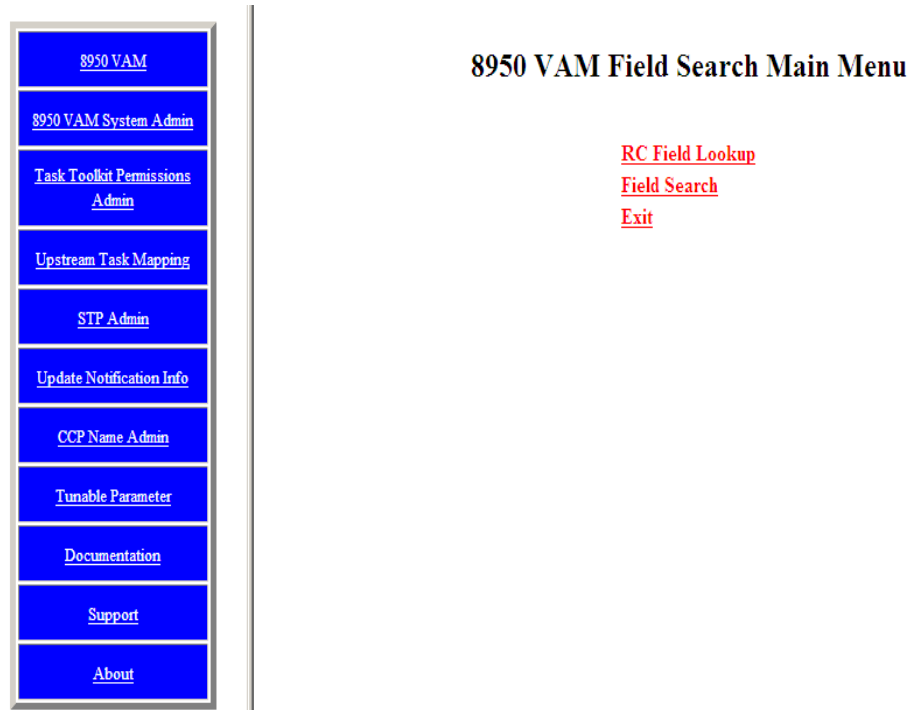
Perl CGI Interface

Perl CGI Interface Script This script is currently available through the ***RC FIELD LOOKUP*** feature.

To access the RC Field Lookup feature,

1. Click on the RC Field Lookup icon in the 8950 VAM launch page.
The ***RC Field Main Menu*** screen is displayed.

Figure 16-1 RC Field Main Menu screen



Using this screen, you can either try to look up the RC Field results or search for Fields.

- RC Field Lookup**
1. Click on the RC Field Lookup link.
The ***Recent Change Field Lookup*** screen is displayed.

Figure 16-2 Recent Change Field Lookup screen

AXE
☐ all ☐ AF29 ☐ AF46

ANP
☐ all ☐ AN82

View or Table

Field Name On Screen
(Include spaces.)

DB Table

DB Column
(Include spaces.)

2. Specify the required options for the specified switches:
 - a. **5ESS**
Select any one of the 5ESS switch generics provided as radio buttons. You can also choose to query for **all** the options provided.
 - b. **ERIC**
Select any one of the ERIC switches that are provided as radio buttons. You can also choose to query for **all** the options provided.
 - c. **DMS**
Select any one of the DMS switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.
 - d. **E**
Select any one of the E switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.
 - e. **CDOT**
Select any one of the CDOT switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

f. HSS

Select any one of the HSS switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

g. BGCF

Select any one of the BGCF switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

h. SIEMENS

Select any one of the SIEMENS switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

i. NEC

Select any one of the NEC switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

j. FS3K

Select any one of the FS3K switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

k. SONUS

Select any one of the SONUS switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

l. FS5K

Select any one of the FS5K switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

m. BIGCF

Select any one of the BIGCF switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

n. LCM

Select any one of the LCM switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

o. MGCF

Select any one of the MGCF switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

p. AXE

Select any one of the AXE switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

q. ANP

Select any one of the ANP switch generics provided as radio buttons. You can also choose to query for **all** the switch generics provided.

3. Enter the table name in the **View or Table** text field. Either a View/Table or Field Name or both may be entered.

Important! The table name that you specify is not the name that is displayed in the TABLES menu of the Translation Interface GUI. It is the name this is displayed within { } in the Translation Interface GUI when a table is selected from the menu. For example, when you choose the table CLSVSCRC.CLSVSCR from the C TABLES sub-menu of the tables menu, C_CLSVSCR is displayed in the header. Therefore, to query for this table, you must enter C_CLSVSCR in the **View or Table** text field.

4. The field name displayed on the Translation Interface GUI should be specified in the **Field Name On Screen** field.
5. Click **SEARCH** after specifying all the required options.
The sample result of this query is as shown in [Figure 16-3](#).

Figure 16-3 Recent Change Field Lookup query result

Recent Change Field Lookup

Tables

```
Generic DB Table
=====
5E15      rc5_rbrasg_tn_fid
5E16      rc5_rbrasg_tn_fid
5E16FR5   rc5_rbrasg_tn_fid
5E14      rc5_rbrasg_tn_fid
```

Fields

Generic	View	Screen Name	DB column
5E14	1.8	ACCT_GRPNM	acctgpnm
5E14	1.8	ALUMDR	alwmdr
5E14	1.8	ARSSI	arssi
5E14	1.8	ARS_GRPNM	argpname
5E14	1.8	ASI_GRP	asigrp
5E14	1.8	ATH_GRPNM	athgrp
5E14	1.8	ATT_MLHG	attmlhg
5E14	1.8	BCK_LNK	bcklnk
5E14	1.8	BCLID_GRP	bclidgrp
5E14	1.8	BFGN_BFGNAME	bfgnbfgname
5E14	1.8	BFGN_BFGSUF	bfgnbfgsufx
5E14	1.8	BUSY_MONITOR	busymonitor
5E14	1.8	CF_B	cfb
5E14	1.8	CF_CFVALERT	cf_cfvalert
5E14	1.8	CF_DN	cfdn
5E14	1.8	CF_FEATURE	cfeature
5E14	1.8	CF_SA	cfsa
5E14	1.8	CF_SI	cfsi
5E14	1.8	CF_TIMEOUT	cft
5E14	1.8	CHNGOE_ENTYPE	chngoeentype
5E14	1.8	CHNGOE_LEN	chngoelen
5E14	1.8	CHNG_MEMB	chngmemb
5E14	1.8	CHNG_MLHG	chngmhlg
5E14	1.8	CHNG_PTY	chngpty
5E14	1.8	CHNG_TN	chngrtn

- Field Search**
1. In the **RC Field Main Menu** screen, to go to the **Field Search** page, click on **Field Search**.
The **Field Search** screen is displayed.

Figure 16-4 Field Search screen

Field Search

Route Index

CLLI

- a. Enter the Route Index.
- b. Choose a CLI and click on **Search**.

Important! CLI drop down list includes all cross central switches along with connected central switches.

- c. A report is displayed identifying all records in the 8950 VAM database that contains the route index.

The sample result of this query is as shown in [Figure 16-5](#).

Figure 16-5 Field Search Results screen

Field Search

[Back](#)

Hostelli	View	Field Name	Keys
TESTCLLIDAL	1.5	Record Not Found	
TESTCLLIDAL	1.6	Record Not Found	
TESTCLLIDAL	1.8	Record Not Found	
TESTCLLIDAL	4.9	Record Not Found	
TESTCLLIDAL	4.14	Record Not Found	
TESTCLLIDAL	4.17	Record Not Found	
TESTCLLIDAL	4.61	Record Not Found	
TESTCLLIDAL	4.63	Record Not Found	
TESTCLLIDAL	7.1	Record Not Found	
TESTCLLIDAL	7.3	Record Not Found	
TESTCLLIDAL	8.2	Record Not Found	
TESTCLLIDAL	8.21	Record Not Found	
TESTCLLIDAL	9.2	Record Not Found	
TESTCLLIDAL	9.3	Record Not Found	
TESTCLLIDAL	9.5	Record Not Found	
TESTCLLIDAL	9.6	Record Not Found	
TESTCLLIDAL	9.7	Record Not Found	
TESTCLLIDAL	9.9	Record Not Found	
TESTCLLIDAL	10.1	Record Not Found	
TESTCLLIDAL	10.2	Record Not Found	
TESTCLLIDAL	10.3	Record Not Found	
TESTCLLIDAL	10.4	Record Not Found	
TESTCLLIDAL	10.5	Record Not Found	
TESTCLLIDAL	10.10	Record Not Found	
TESTCLLIDAL	10.17	Record Not Found	
TESTCLLIDAL	10.19	Record Not Found	
TESTCLLIDAL	10.31	Record Not Found	
TESTCLLIDAL	10.34	Record Not Found	
TESTCLLIDAL	10.35	Record Not Found	
TESTCLLIDAL	10.38	Record Not Found	
TESTCLLIDAL	10.39	Record Not Found	
TESTCLLIDAL	10.40	Record Not Found	
TESTCLLIDAL	10.41	Record Not Found	
TESTCLLIDAL	10.42	Record Not Found	
TESTCLLIDAL	12.46	Record Not Found	
TESTCLLIDAL	18.1	Record Not Found	
TESTCLLIDAL	26.22	Record Not Found	

[SAVE REPORT](#)

[Back](#)

- d. Clicking on **SAVE REPORT**, user will be able to save the Field Search results to a file.

END OF STEPS



Informix ODBC Interface

Procedure for Installing the ODBC Drivers

Before starting the following procedure, you will need to get an ODBC driver for informix.

Use the following procedure to install one of the Informix Open Database Connectivity (ODBC) drivers.

1. To install one of the drivers, unzip the file that is appropriate for Windows XP and run the setup program.
2. Once the ODBC drivers are installed, a Data Source Name (DSN) must be configured to use them.

Add the appropriate entries to the following:

\Informix\etc\sqlhosts.

Example:

A typical entry is shown. Use the name of the particular Central instead of *louise*. This file should be similar to the *~informix/etc/sqlhosts* file on the particular Central.

# Server Service	Protocol	Host
ol_atp_louise sqlrm	onsoctcp	louise

Also, add the service corresponding to column 4 in the *\Informix\etc\sqlhosts* to the *services* file on your PC.

For machines running Windows XP on the drive where Windows XP is installed, this file is:

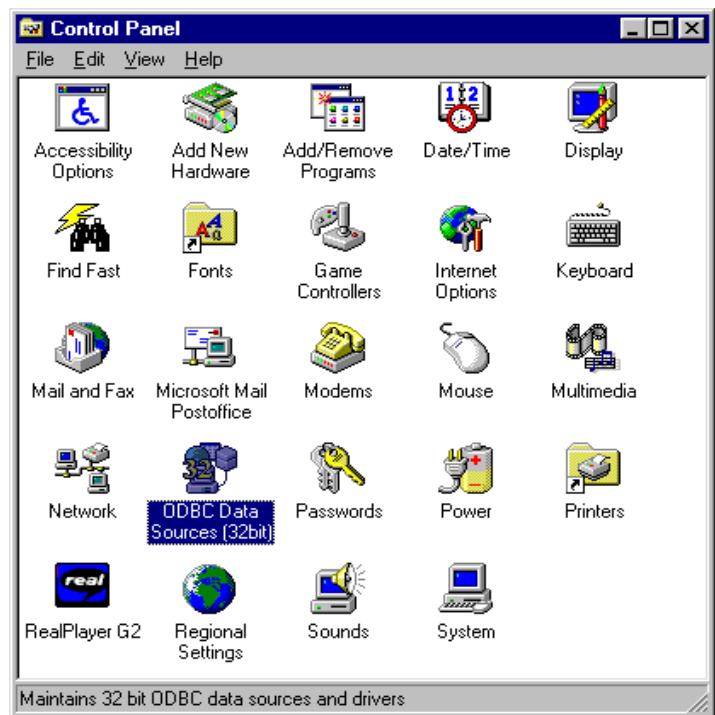
%SystemRoot%\system32\drivers\etc\services.

A typical entry is shown below:

```
#  
# Informix  
#  
sqlrm      20050/tcp
```

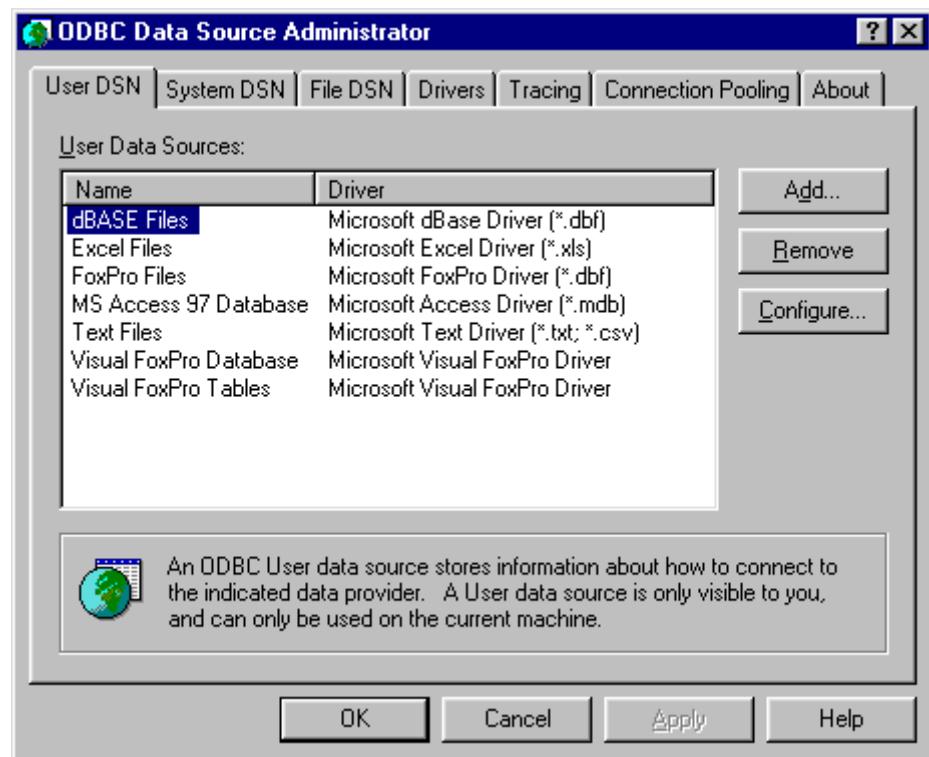
See the Informix *sqlhosts* and */etc/services* files on the Central if you want to access more information.

Figure 16-6 ODBC Data Sources From Control Panel



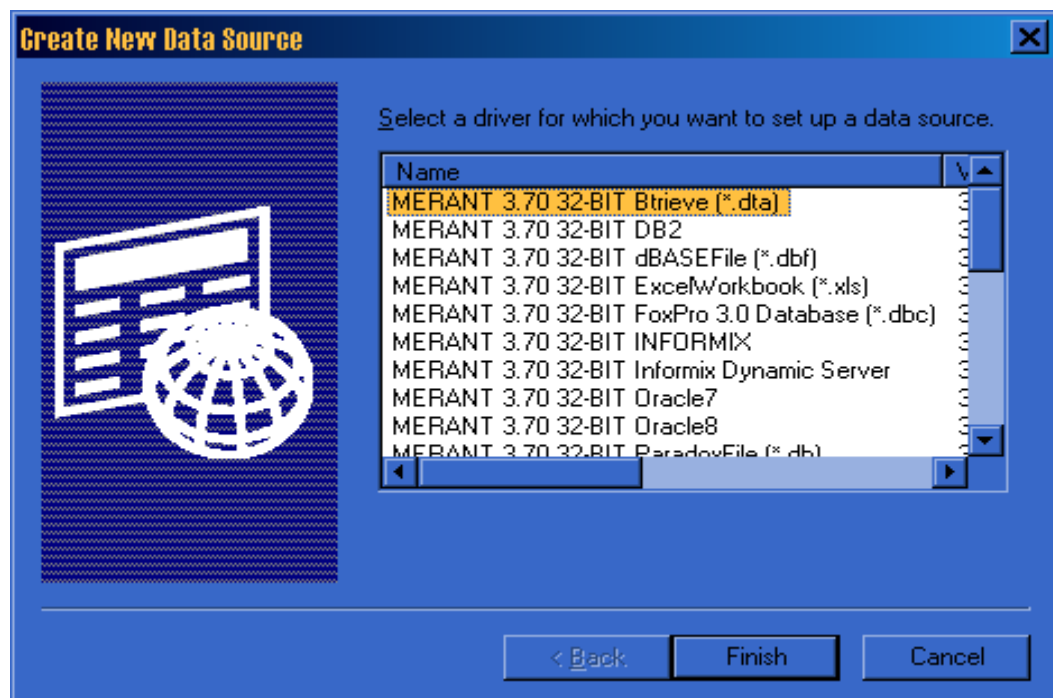
3. Once the connection to the database is established, select the ODBC Data Sources icon from the Control Panel to set up a DSN.
4. From the ODBC Data Source Administrator screen, select Add to create a new User DSN.

Figure 16-7 ODBC Data Source Administration



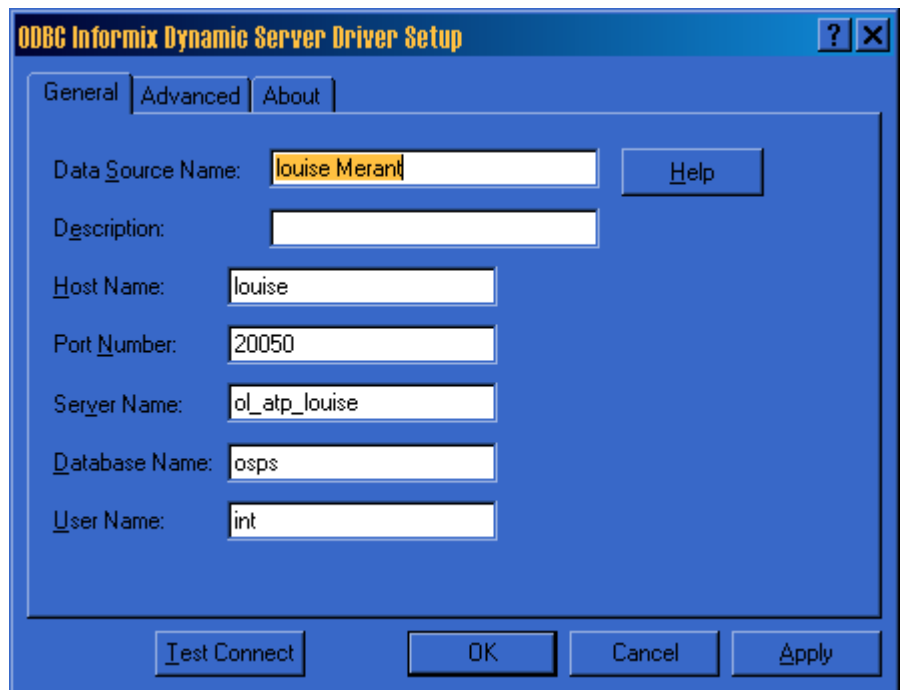
5. The two Informix drivers appear. Highlight the Informix dynamic server entry and select finish.

Figure 16-8 Create New Data Source



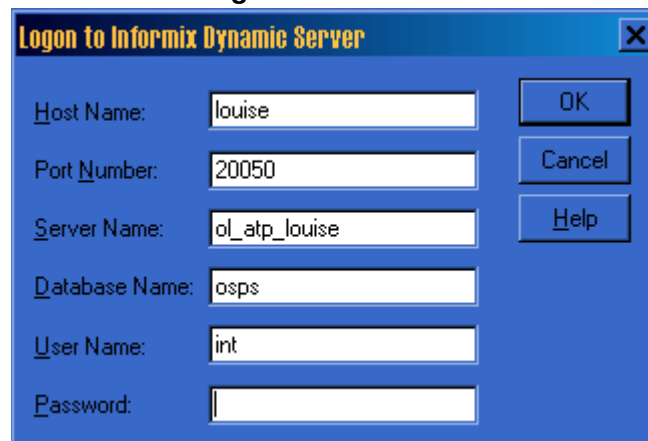
6. Populate the fields on the General tab as shown in the following figure—replace *louise* with the name of your Central.

Figure 16-9 Intersolv ODBC Driver Setup General Tab



7. The DSN setup is now completed, so you can test the ODBC connection using the Test Connect button.
8. Click the Test Connect button. The Informix login screen appears as shown in the following figure.

Figure 16-10 Informix Login



9. Enter a valid Password and click OK.

10. A success message, similar to the message shown in Figure 16-8, appears. The DSN is set up and you are now ready to link the tables into an MS Access database or an Excel spreadsheet.

Important! Strictly speaking, the tables do not have to be linked into an MS Access database. You could use the ODBCDirect mechanism and develop all queries and reports in Visual Basic.

Figure 16-11 Success Message from Test Connect Test



END OF STEPS

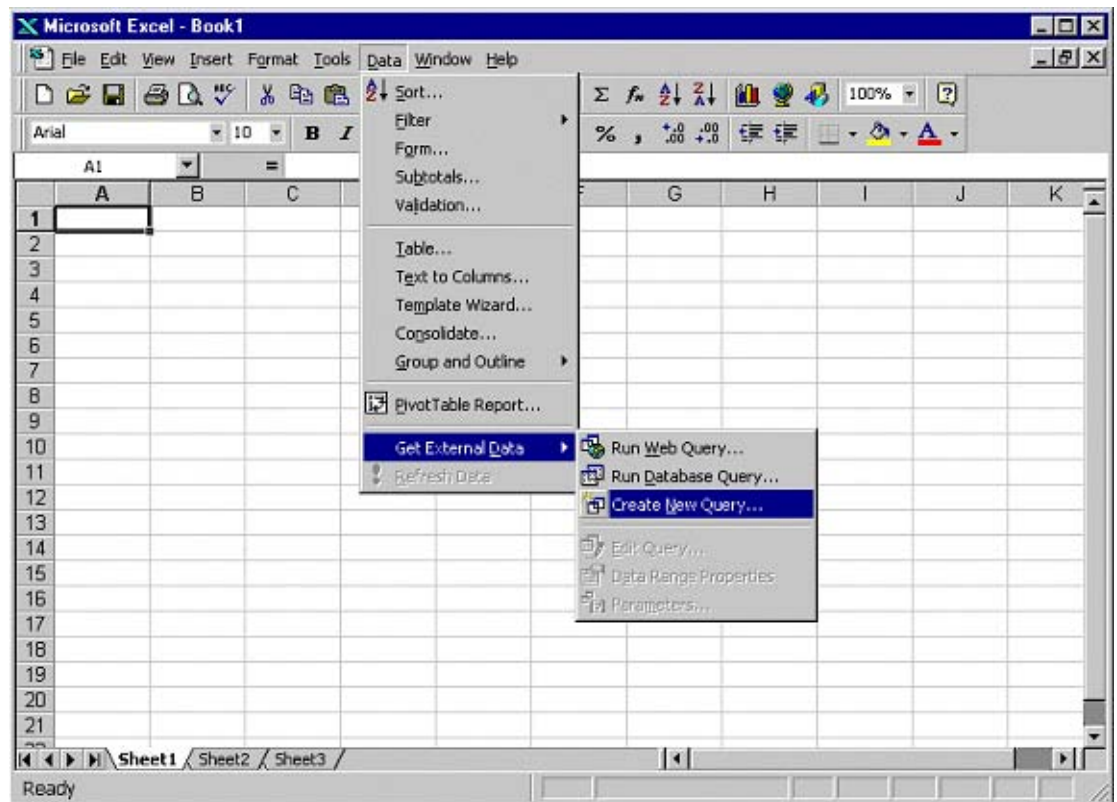
MS Excel

Procedure for Using MS Excel

To import data into an Excel spreadsheet and to query that data, use the following procedure.

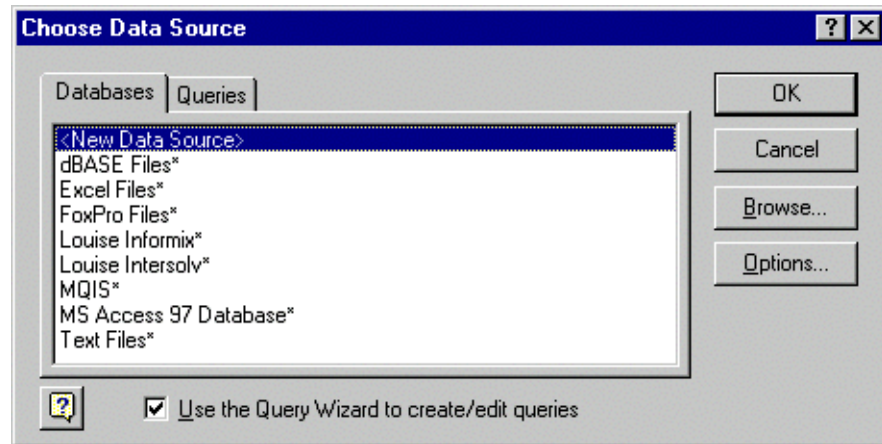
1. To import data into an Excel spreadsheet, select Data -> Get External Data -> Create New Query, as shown in the following figure. A list of available data sources appears (Figure 16-10).

Figure 16-12 MS Excel Create New Query



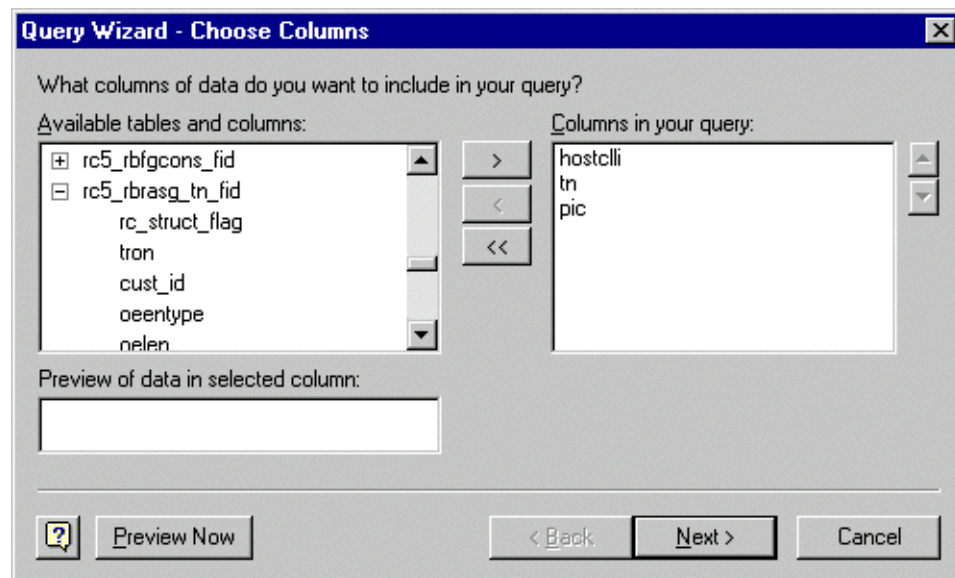
2. Select the data source corresponding to the DSN previously set up for Informix (in this case, *Louise Intersolv*) and click OK.

Figure 16-13 Excel Choose Data Source Screen



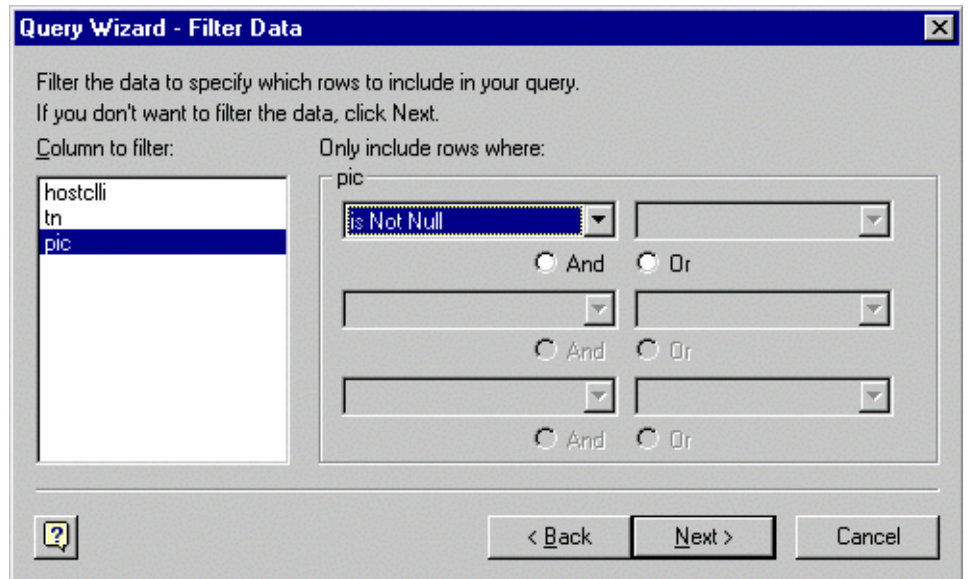
3. At the Informix Login window, supply a valid User Name and Password.
4. Once the connection to the database is established, the Query Wizard screen allows you to select the tables and columns you want in the query.

Figure 16-14 Query Wizard Screen



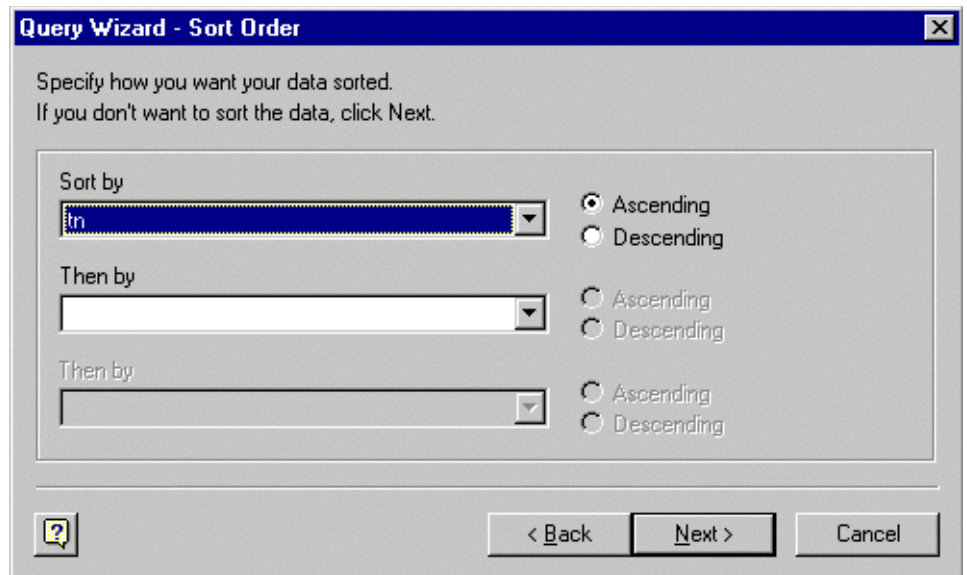
5. In this example, the *hostcli*, *tn*, and *pic* columns were selected from the *rc5_rbrasg_tn_fid* table. The data is filtered by selecting only those rows where the *pic* is not null. Refer to the following figure.

Figure 16-15 Query Wizard - Filter Data Screen



6. As the following figure shows, *tn* is then sorted in ascending order.

Figure 16-16 Query Wizard - Sort Order



7. At this point, save this query if you want to re-run it.
In this example, the query is saved in the default location (Program Files\Microsoft Office\Queries) in case it has to be re-run (perhaps after some modification).

8. Once the Finish button is clicked, the query is executed and the data is returned to the spreadsheet.

END OF STEPS

MS Access

Typical Procedure for Linking Tables into MS Access and Problems that Arise

The typical procedure for linking tables in MS Access is the following:

1. Start MS Access.
2. Activate the Tables tag.
3. Select File -> Get External Data -> Link Tables.

Important! By linking the tables rather than importing them, MS Access data is synchronized with the APX database. Importing tables results in a snapshot of the database.

4. From the Link Tables screen, select Files of Type ODBC Databases.
5. Select the Machine Data Sources tab. The DSN previously set up should be visible.
6. Select the DSN and complete any missing information such as user and password.
7. Once logged in, a screen containing all tables in the database appears.

Important! The following problems occur:

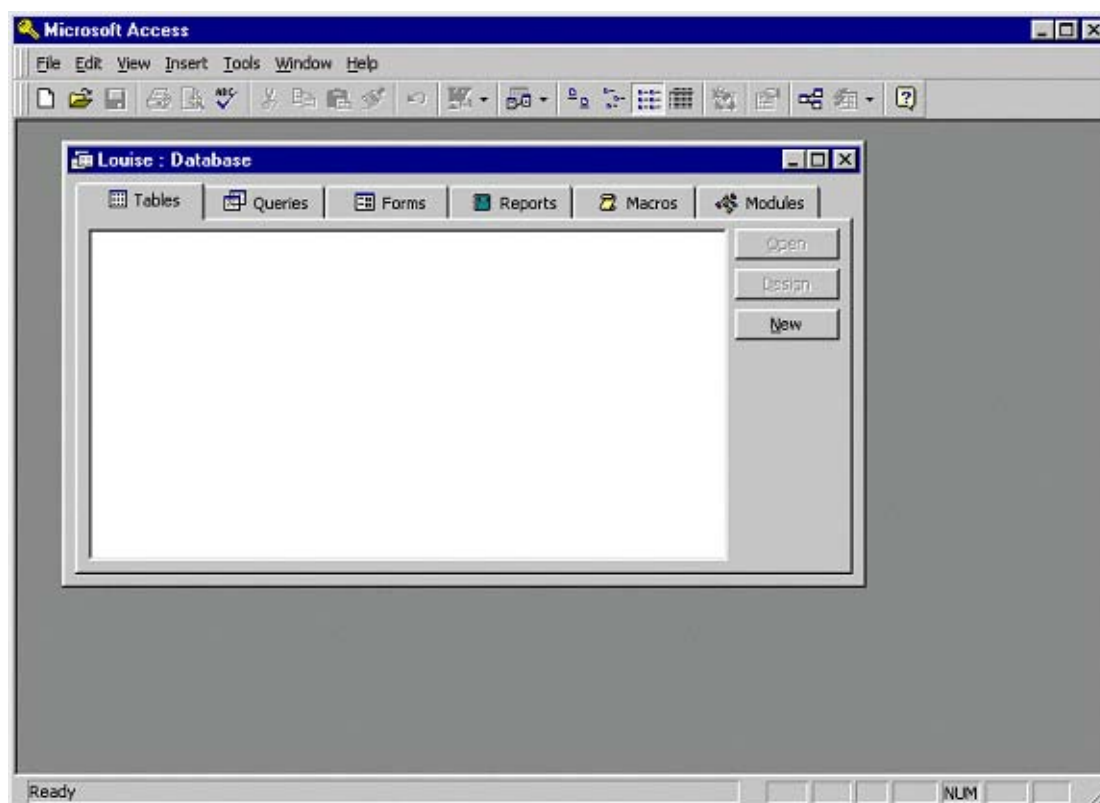
- All table names are prepended with **int**. If you select the required tables and click OK, the tables are linked to the MS Access database as *int_table_name*.
- When you actually start linking the tables, MS Access requires a Unique Record Identifier in each table. For every table that does not contain such an identifier, a dialog box pops up that must be populated or canceled. With a database containing a large number of tables, much user interaction is required.

END OF STEPS

Newly Developed Visual Basic Procedures for Linking Tables

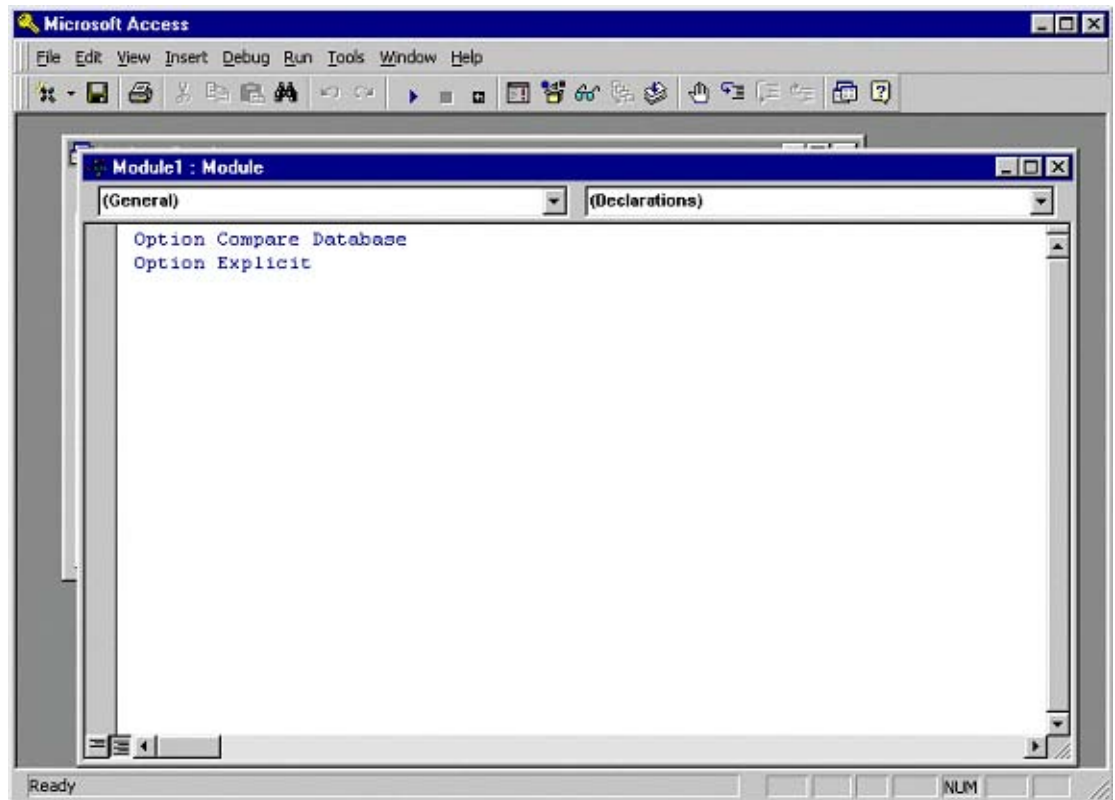
1. Open your MS Access database.
2. Select the Modules tab.
3. Create a new module containing the procedures downloaded.
4. Run the appropriate procedure to set up the connection. For example, start by creating a blank MS Access database called *Louise*. See the following figure.

Figure 16-17 Create Blank Database



5. Activate the Modules tab and click New. An editor window appears.

Figure 16-18 Create New Module

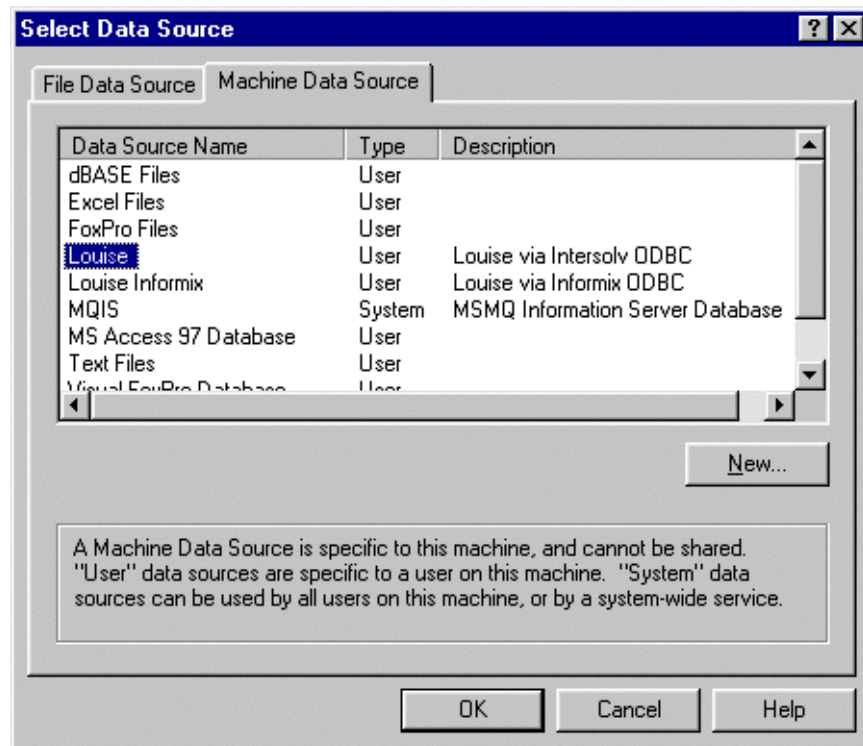


6. Insert the contents of the *LinkODBCTables.bas* file by opening the *LinkODBCTables.bas* file with Notepad (or another editor), select all the text, and copy it to the Windows Clipboard.
7. Switch to the MS Access New Module window. Insert the contents of the clipboard using the Control-V key.
8. Close the New Module window, save the changes made to the design of this module, and name the module. In this example, the module is called *LinkTables*.
9. To run the module, double click the LinkTables icon.
10. From the MS Access Debug Window, select Compile and Save All Modules.

Important! For visual feedback to determine if the code is running properly, open the debug window (View -> Debug Window).

11. Highlight the LinkODBCTables routine in the LinkTables module to run the subroutine via Run -> Go/Continue. A Select Data Source window pops up. Refer to the following figure.
12. From Machine Data Source, select the DSN set up previously. In this example, it is the DSN called *Louise*.

Figure 16-19 Select Data Source



13. Once selected, a login screen window appears. Enter a valid User Name/Password, which corresponds to a login/password on the Central, and click OK.

14. If the debug window is open, debug messages of the following form appear:

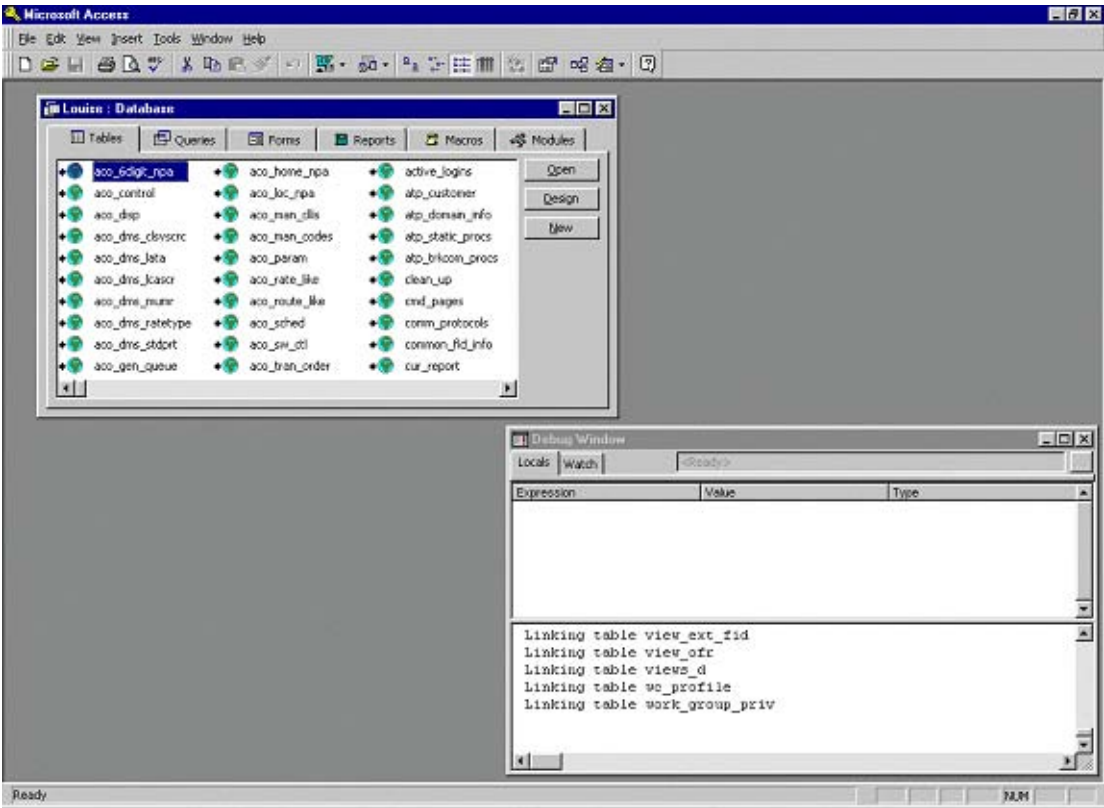
Linking table...

Depending on the speed of the PC and LAN connection, several minutes can elapse before all tables are linked. If the debug window is not open, it might appear as if MS Access has hung while it is busy linking the tables.

Once all tables are linked, they are visible via the Tables tab.

You can now query the database on the Central as if it were a local MS Access database.

Figure 16-20 Linked Database Tables



END OF STEPS

Other Procedures

Link ODBCTables Procedure

The LinkODBCTables procedure first calls UnlinkODBCTables to delete any stale links. It then prompts for the DSN and any necessary login information before connecting to the database and setting up the links.

Unlink ODBCTables Procedure

The UnlinkODBCTables procedure deletes stale links.

DisplayProperties Procedure

The DisplayProperties procedure prompts for a DSN and any necessary login information before connecting to the database and displaying the database properties.



17 LERG Pre-Processor

Purpose This chapter describes the 8950 VAM Local Exchange Routing Guide (LERG) Pre-Processor. The LERG Pre-Processor generates the input data, compiled from the LERG database, that is fed into the Automated Code Openings application. Auto code automates much of the local NXX code opening rating and routing translations activity.

Contents The following topics are included in this chapter:

Application Conventions	17-2
Logging In	17-3
Home Page	17-5
Office Profile	17-7
Scheduled Code Openings	17-9

Application Conventions

Queries that may result in a large amount of data returned are controlled in the following manner: The user will select the number of records that may be viewed on a screen. Additional records may be viewed using the PREV and NEXT buttons. On the first page of returned records, there will be a NEXT button only. On the last page of returned records, there will be a PREV button only. Pages in between will show both PREV and NEXT buttons.

A session will expire after 30 minutes of inactivity. If the user attempts to use the PREV or NEXT buttons after 30 minutes, a **SESSION EXPIRED** error message will be returned, and the user must redo the query.

There are wildcard characters in Informix:

- * evaluates to zero or more characters
- ? evaluates to a single character except null
- [] evaluates to a single character or range of values
- \ escapes special significance of next character



Logging In

The first screen visible to users will be the LERG Pre-processor Login Page, as shown below. The URL for this page, as well as user ID and password, are provided by a LERG Pre-processor administrator.

Figure 17-1 Login Page



A user's session will expire after thirty minutes of inactivity, preventing the user from performing queries. If a query is attempted, a Login Required screen will advise the user of the need to login again, and provide a link to the Login page in order to accomplish this task.



Home Page

Overview The LERG Pre-processor WEB home page provides current LERG system status such as Last Monthly LERG, Last Daily Update and Last Automated Code Opening file generated, along with most recent job results information, including information on the date and status of each job run and any error messages involving the job.

The Last Monthly LERG refers to the most recently processed monthly LERG database update. The Last Daily Update refers to the most recently processed One Day Change File. The Last SCO Generated refers to the most recently processed Scheduled Code Opening File.

If an error occurs when a job is run, the message field on the HOME Page will show the error and it will appear in red. A Process One Day Change Files job or a Create Scheduled Code Opening File job may succeed but also generate fallout data errors. The number of fallout errors will be displayed with a link to display them. These jobs will appear in yellow.

The Most Recent Job Results will display all job results for the last 7 days. The Job Results Status field indicates the current status of any job. The possible status codes are I (in progress), S (successful completion) and F (job failure). The home screen will be displayed as shown below:

Figure 17-2 Most Recent Job Results screen

LERG Pre-Processor

Last Monthly LERG:	July 2000
Last Daily Update:	07/10/2000
Last SCO Generated:	02/20/2001

Most Recent Job Results

Job Name	Date	Status	Message
Load Monthly LERG Files	02/20/2001 11:05	S	
Process One Day Change File	02/20/2001 11:14	S	
Create Scheduled Code Opening File	02/20/2001 11:38	S	
Load Monthly LERG Files	02/21/2001 10:10	S	
Process One Day Change File	02/21/2001 11:40	S	Fallout Errors: 4 fallout errors
Process One Day Change File	02/21/2001 12:50	I	
Process One Day Change File	02/21/2001 13:14	F	com.ssi_corp.translator.TransformRuntimeException: One Day Changes to table 1 failed, error=com.ssi_corp.translator.TransformRuntimeException: com.ssi_corp.translator.TransformRuntimeException: Update of LERG 1 failed for activity code = A; activity date = 000705; Error=com.ssi_corp.translator.TransformRuntimeException: com.ssi_corp.translator.TransformRuntimeException:

Office Profile

Local Switch Administration

The Office Profile item allows the user to view, delete or add local switch CLLI, LATA and NPA mappings. This data, in conjunction with the LERG data, is used to generate the growth and rehome records in the Schedule Code Opening file.

Under the Office Profile heading, select the Local Switch Administration option, which will open the Local Switch Administration Query screen.

Figure 17-3 Local Switch Administration Query screen

LERG Pre-Processor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Messenger Links

Local Switch Administration Query

CLLI

LATA

NPA

Submit

Done Local intranet

Enter the CLLI, LATA or NPA to limit your query or leave all fields blank for a general, non-specific query. Click the SUBMIT button. The Local Switch Administration screen will display the results of your query, and allow you to delete or add Switch List information.

To delete an item, click the radio button on the line to be deleted and click the DELETE button. If the delete was successful, the Switch List will be redisplayed, without the deleted row. If the delete failed, the Switch List will be displayed with an error message.

To add an item, click the ADD button. Fill in the Switch CLLI, LATA and NPA in the Add Switch screen. All fields must be completed. Click the SUBMIT button. If the add was successful, the Switch List will be redisplayed, with a new row for the added data. If the add failed, the Switch List will be displayed with an error message.

Term	Definition
CLLI	Local switch CLLI (Common Language Location Identifier)
LATA	Local Access Transport Area in which the code resides
NPA	Area code



Scheduled Code Openings

SCO Data Scheduled Code Opening files are transferred from the LERG Pre-Processor system to the primary 8950 VAM central on a daily basis and contain data on all scheduled NPA/NXX code opening activity and NPA/NXX rehomes for the next thirty days. All jobs will remain in the SCO file until one day past the effective date of the new code, where the effective date is the latest date found in either the original job record or in any change record with the same key fields, and that therefore describes this same record.

Two types of SCO queries are supported. The first gives the growth and cancelled growth or rehome and cancelled rehome records for a specific day. The second query gives a historical view of SCO growth and rehome records.

Under the Scheduled Code Openings heading, select the SCO Data option, which will open the SCO Data Queries screen.

Figure 17-4 SCO Data Queries screen

LERG Pre-Processor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Messenger Links

SCO Data Queries

Query by Date

Date: [Month] [Day] [Year]

Record Type: ☒ Growth ☐ Rehome

Submit

Query by CLLI, NPA, NXX (Historical)

CLLI: [Text Box]

NPA: [Text Box]

NXX: [Text Box]

Record Type: ☒ Growth ☐ Rehome

Submit

Done Local intranet

You may query by date, NPA, NXX or Switch CLLI.

To query by date:

Enter the date, choose either growth or rehome records and click the SUBMIT action button. The current and cancelled growth/rehome records tables will be displayed as shown below:

Figure 17-5 Scheduled Code Opening Records screen

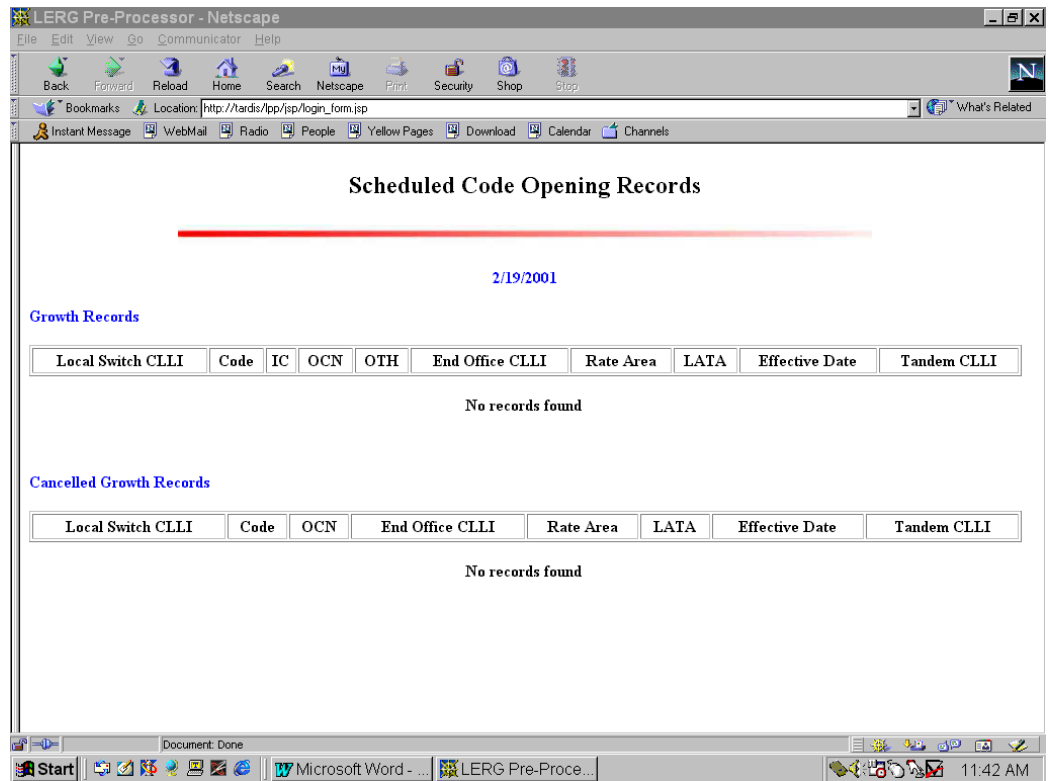


Figure 17-6 shows the screen as it appears when the user selects Rehome Records.

Figure 17-6 Rehome Records Scheduled Code Opening screen

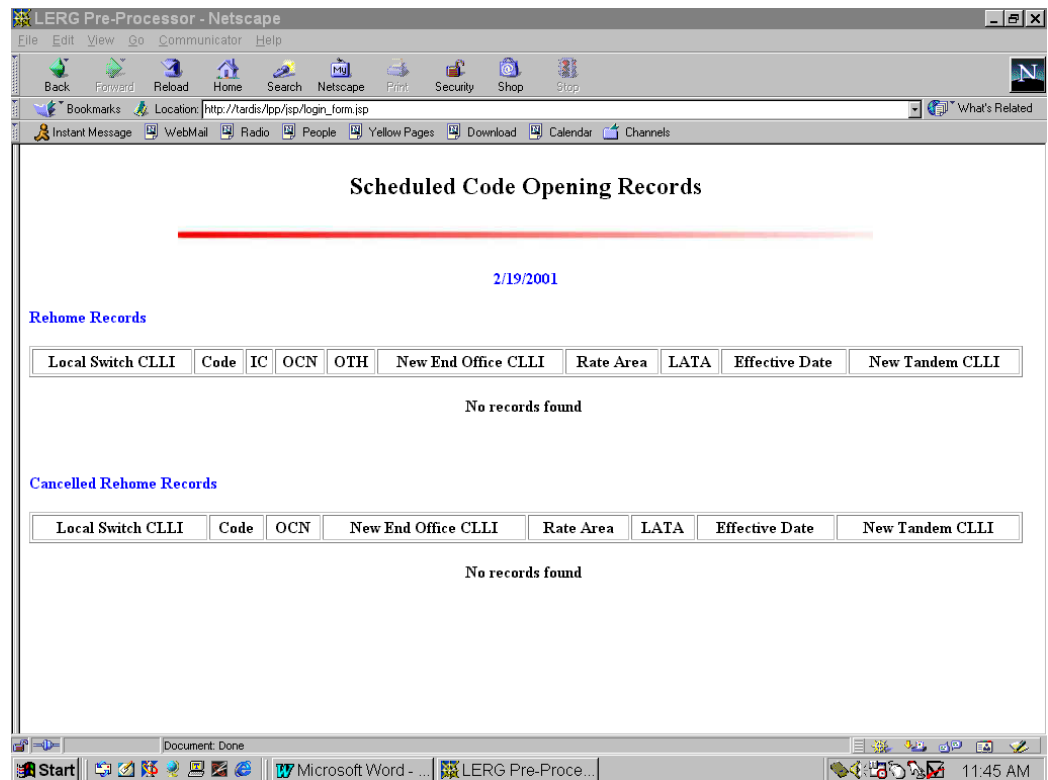


Table 17-1 Cancelled Rehome Records

Term	Definition
Local Switch CLLI	Local Switch CLLI of the SCO record
Code	NPA followed by NXX
IC	Interexchange Carrier. Values are as follows: Z for categories CAP, CLEC, L RESELLER, INTRALATA; P for categories ICO, RBOC; W for categories P RESELLER, PCS, WIRELESS, W RESELLER
OCN	Operating Company Number (owner of code)
End Office CLLI	End office switch for NPA/NXX
Rate Area	Rate area in which the code resides
LATA	The Local Access Transport Area in which the code resides
Effective date	Date the data is effective
Tandem	The terminating local tandem

To query by CLLI and/or NPA and/or NXX:

Enter the appropriate values, choose either growth or rehome records and click the SUBMIT action button. The results table will display the results of your query.

Figure 17-7 Scheduled Code Opening Growth Records screen

Insert Date	Removal Date	Removal Reason	Local Switch CLLI	Code	IC	OCN	OTH	End Office CLLI	Rate Area	LATA	Effective Date	Tandem CLLI

Figure 17-8 shows the screen as it appears when the user selects Rehome Records.

Figure 17-8 Rehome Records Scheduled Code Opening screen

Scheduled Code Opening Records

1/7/2001

Rehome Records

Local Switch CLLI	Code	OCN	New End Office CLLI	Rate Area	LATA	Effective Date	New Tandem CLLI

Cancelled Rehome Records

Local Switch CLLI	Code	OCN	New End Office CLLI	Rate Area	LATA	Effective Date	New Tandem CLLI

Term	Definition
Code	NPA followed by NXX
IC	Interexchange Carrier. Values are as follows: Z for categories CAP, CLEC, L RESELLER, INTRALATA; P for categories ICO, RBOC; W for categories P RESELLER, PCS, WIRELESS, W RESELLER
OCN	Operating Company Number (owner of code)
End Office CLLI	End office switch for NPA/NXX
Rate Area	Rate area in which the code resides
LATA	The Local Access Transport Area in which the code resides
Effective date	Date the change is effective

Term	Definition
Insert date	Date the record first appeared in the Scheduled Code Opening File
Removal date	Date the record was removed from the Scheduled Code Opening File
Removal reason	Why the record was removed from the Scheduled Code Opening File. Valid values are IN_EFFECT and CANCELLED

SCO Acknowledgements

After a Scheduled Code Opening File is retrieved by 8950 VAM, it will generate an Acknowledgement file, which will contain information identifying any Scheduled Code Opening File records that were determined to be invalid by 8950 VAM. The format of this file shall be an error number indicating the type of invalid record, followed by the invalid record. (See list of Acknowledgement File errors on page 18.) Acknowledgement files are transferred from the primary 8950 VAM central to the LERG Pre-processor system on a daily basis, after 8950 VAM has processed the Scheduled Code Opening Files. The job that processes the Acknowledgement File will be scheduled by the system administrator to run at regular intervals since it is not known when the file will appear.

The SSI Translation Engine allows the user to process SCO acknowledgement queries to obtain the exact date and time an automated code opening file was acknowledged, and the details of any formatting errors that may have occurred.

Under the Scheduled Code Openings heading, select the SCO Acknowledgements option, which will open the SCO Acknowledgements screen, as shown below. Detailed information about an Acknowledgement file for one date or summary information about Acknowledgement files for a date range can be retrieved.

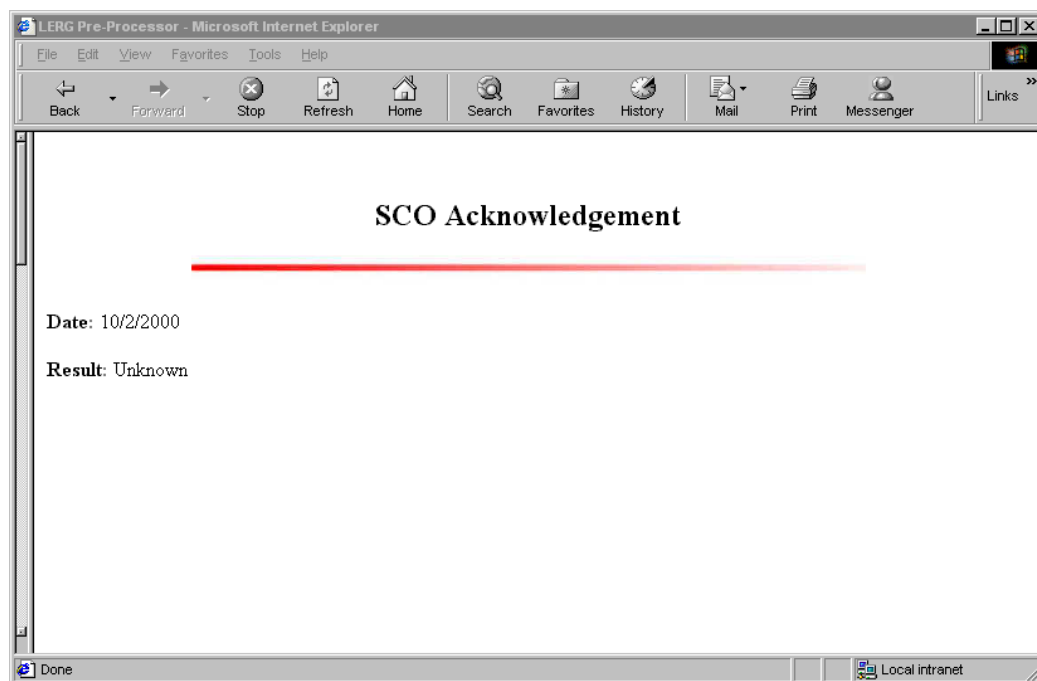
Figure 17-9 SCO Acknowledgements screen

The screenshot shows a Netscape browser window with the title "SCO Acknowledgements". The browser's menu bar includes "File", "Edit", "View", "Go", "Communicator", and "Help". The toolbar contains icons for "Back", "Forward", "Reload", "Home", "Search", "Netscape", "Print", "Security", "Shop", and "Stop". The main content area has a red horizontal line at the top. Below the line, the text "SCO Acknowledgements" is centered. Underneath, the text "Query by Date" is displayed in blue. A date selection form is shown, consisting of a text input field followed by three dropdown menus for "Date". Below this form is a "Submit" button. A horizontal line separates this section from the next. The second section is titled "Query by Date Range" in blue. It contains two rows of date selection forms. The first row is labeled "Start Date" and the second row is labeled "End Date". Each row has a text input field followed by three dropdown menus. Below these forms is a "Submit" button.

To query by date:

Enter the date and click the SUBMIT action button. The results screen will indicate the date and time the Scheduled Code Opening File was acknowledged, and whether it ran successfully or failed. If a failure occurred, error details will be displayed.

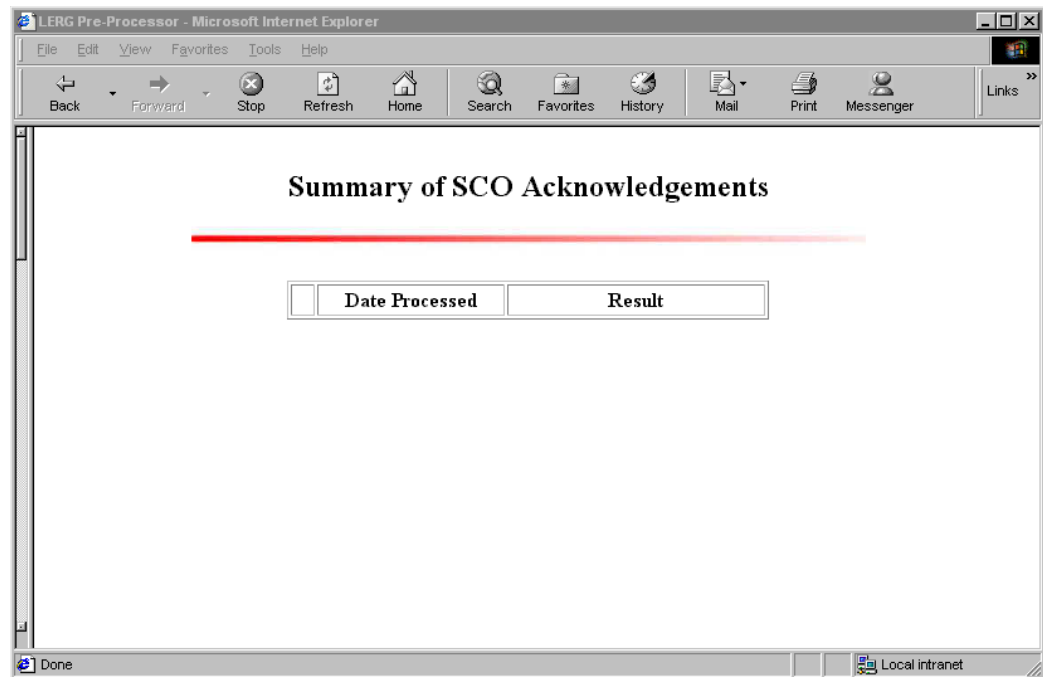
Figure 17-10 SCO Acknowledgement screen with error details



To query by date range:

Enter the start and end dates and click the SUBMIT action button. This will open the Summary of SCO Acknowledgements screen, as shown below.

Figure 17-11 Summary of SCO Acknowledgements screen



A list of acknowledgement files, their processed dates and results will appear. If you want detailed information about the processing of an Acknowledgement file, select the one you want by clicking the radio button on that row then click the DETAILS action button to access the Acknowledgment of Scheduled Code Opening File screen. The table shown will indicate the date and time the SCO was acknowledged and any errors that may have been reported.

Term	Definition
Field	the field in which the error occurred
Error	type of error – see the following list

Acknowledgement File Errors A complete set of errors is as follows:

1	Field specification error, field X
2	Invalid switch; cli=[XXX]
3	DWD record pair error
4	REHOME record pair error

5	CHG record pair error
5	CANCEL record pair error
6	Corresponding order has status XXX – cannot update code opening YYY record
7	Cannot find record to change
8	Found multiple records
9	Code opening XXX record has status YYY – cannot change
10	Cannot find record to cancel
13	Code opening XXX record has status YYY – cannot cancel
99	DATABASE ERROR: XXX [line YYY]



18 LERG Pre-Processor (continued)

Overview

Purpose This chapter continues a description of the LERG Pre-Processor begun in Chapter 17.

Contents The following topics are included in this chapter

Job Status	18-2
LERG Data	18-7
Table 6 ODCF Records	18-13
Table 7SHA ODCF Records	18-15



Job Status

Job Results Some jobs will be scheduled by the system administrator to run automatically at certain times, and other jobs will be run manually through the WEB browser. The user will be responsible for checking the status of these jobs. Some jobs are uniquely identified by a job identifier, which may be used when performing a job results query. The query will provide the user with the following information: job start and end times, job identifier, job parameters, job status and errors, if any.

Under the Job Status heading, select the Job Results option, which will open the Job Results Query screen.

Figure 18-1 Job Results Query screen

Job Results Query

Start Date	
End Date	
Job Name	
Job Identifier	
# of Records	10

Submit

The following fields may be specified to limit the number of job results returned:

- start date
- end date
- job identifier
- job name

- number of records viewed on the screen

Set the appropriate query fields and click the SUBMIT action button. The Job Results screen will display the results of your query.

LERG Update Errors

Traffic Routing Administration (TRA) provides, via email, daily updates to the LERG. This information is provided in the One Day Change Files. A regularly scheduled job will read these One Day Change Files for LERG Tables 6 and 7SHA (Switch Homing Arrangement indicator) and update the LERG database. Any errors that occur during this update job are logged, and the LERG Update Errors query provides a view of these errors. This query will display information from the last monthly LERG update to the present. This information includes the file date and processed date, the activity code and date, which LERG table was updated, the status code and any error messages.

Detailed information on the One Day Change File records can be found in the “Table 6 One Day Change File (ODCF) Records” and “Table 7 SHA ODCF Records” sections of this document.

Under the Job Status heading, select the LERG Update Errors option, which will open the LERG Update Errors Query screen, as shown in the following figure.

Figure 18-2 LERG Update Errors Query screen

The following fields may be specified to limit the number of LERG update errors returned:

- Start Date
- End Date
- LERG Table
- Switch CLLI
- SHA Indicator
- NPA
- NXX
- Number of Records viewed on the screen

Fill in any of the above fields, depending on the scope of the query you desire, then click the SUBMIT action button. The LERG Update Errors Log screen will display the results of your query.

SCO Create Errors A Scheduled Code Opening (SCO) file is created every day. Any data errors that occur during the creation of the file are logged. An SCO file errors query allows the user to view these errors. Under the Job Status heading, select the SCO Create Errors option, which will open the SCO Create Errors Query screen.

Figure 18-3 SCO Create Errors Query screen

The screenshot shows a web browser window titled "LERG Pre-Processor - Microsoft Internet Explorer". The browser's address bar and menu bar are visible. The main content area displays the "SCO Create Errors Query" form. The form includes fields for "Start Date", "End Date", "Switch CLLI", "Job", "NPA", and "NXX", each with a corresponding input field or dropdown menu. A "Submit" button is located below the form fields. The browser's status bar at the bottom shows "Done" and "Local intranet".

The following fields may be specified to limit the number of SCO File errors returned:

- start date
- end date
- switch CLLI
- job
- NPA
- NXX

Enter any desired query fields and click the SUBMIT action button.
The log will be displayed.



LERG Data

Overview The LERG Pre-processor will enable the user to manage LERG data through monthly and daily updates of the LERG database. It is useful to remember that there will be times when the One Day Change File date will be different than the processed date. For example, a One Day Change File is dated June 30. However due to the weekend followed by a holiday, the file is processed on July 5. The monthly LERG refresh serves to delete the existing LERG database and replace it with an up-to-date copy of the database from TRA. Upon completion of the monthly LERG refresh, the update from One Day Change Files should be run to keep the LERG up-to-date. The items in this menu provide views of LERG Tables 1, 6 and 7SHA and any changes that have been applied based on the One Day Change Files from TRA. Please refer to LERG documentation for definition of LERG terminology.

LERG Table 1 This selection will allow the user to view information about the LERG Table 1 records. If the Current option is selected, the current version of the LERG Table 1 data will be displayed, with all the One Day Changes from Telcordia Technologies TRA applied. If the Last Monthly option is selected, the last Telcordia Technologies TRA monthly LERG Table 1 will be displayed. Under the LERG Data heading, select the LERG Table 1 option, which will open the LERG Table 1 Query screen.

Figure 18-4 LERG Table 1 Query screen

LERG Table 1 Query

OCN	
Name	
Category	
Option	☒ Current ☐ Last Monthly
# of Records	10

The following fields may be specified to limit the number of job results returned:

- OCN
- Name
- Category

The “current” option is the last monthly LERG plus all changes from One Day Change Files that have been processed. Choose either current or last monthly LERG update and the number of records to view on the screen and click the SUBMIT action button. The Current LERG Table 1 screen will indicate the results of your query, and you may click the PREV or NEXT action buttons to page through the records.

Please refer to TRA documentation for definition of field values.

LERG Table 6

This selection will allow the user to view information about the LERG Table 6 records. If the Current option is selected, the current version of the LERG Table 6 data will be displayed, with all the One Day Changes from Telcordia Technologies TRA applied. If the Last Monthly option is selected, the last Telcordia Technologies TRA monthly LERG Table 6 will be displayed. Under the LERG Data heading, select the LERG Table 6 option, which will open the LERG Table 6 Query screen.

Figure 18-5 LERG Table 6 Query

The screenshot shows a web browser window titled "LERG Pre-Processor - Microsoft Internet Explorer". The address bar shows "Local intranet". The main content area displays the "LERG Table 6 Query" form. The form has a title "LERG Table 6 Query" followed by a horizontal red line. Below the line is a table with four rows. The first row is labeled "NPA" and has a text input field. The second row is labeled "NXX" and has a text input field. The third row is labeled "Option" and has two radio buttons: "Current" (selected) and "Last Monthly". The fourth row is labeled "# of Records" and has a dropdown menu showing "10". Below the table is a "Submit" button.

NPA	
NXX	
Option	☒ Current ☐ Last Monthly
# of Records	10

The following fields may be specified to limit the number of job results returned:

- NPA
- NXX

The “current” option is the last monthly LERG plus all changes from One Day Change Files that have been processed. Choose either current or last monthly LERG update and the number of records to view on the screen and click the SUBMIT action button. The Current LERG Table 6 screen will indicate the results of your query, and you may click the PREV or NEXT action buttons to page through the records.

Please refer to TRA documentation for definition of field values.

LERG Table 7SHA

This selection will allow the user to view information about the LERG Table 7SHA records. If the Current option is selected, the current version of the LERG Table 7SHA data will be displayed, with all the One Day Changes from Telcordia Technologies TRA applied. If the Last Monthly option is selected, the last Telcordia Technologies TRA monthly LERG Table 7SHA will be displayed. Under the LERG Data heading, select the LERG Table 7SHA option, which will open the LERG Table 7SHA Query screen. Please refer to LERG documentation for definition of LERG terminology.

Figure 18-6 LERG Table 7SHA Query

LERG Table 7SHA Query

SWITCH CLI	
SHA	☐
Option	☒ Current ☐ Last Monthly
# of Records	10

Submit

The following fields may be specified to limit the number of job results returned:

- SWITCH CLI
- SHA

Choose either current or last monthly LERG update, the number of records to view on the screen and click the SUBMIT action button. The LERG Table 7SHA screen will indicate the results of your query, and you may click the PREV or NEXT action buttons to page through the records.

Please refer to TRA documentation for definition of field values.

Table 1 ODCF Records

The user may view detailed information about One Day Change File updates to LERG Table 1 since the last monthly update of the LERG. Under the LERG Data heading, select the Table 1 ODCF Records option, which will open the Table 1 ODCF Records Query screen.

Figure 18-7 Table 1 ODCF Records Query

The screenshot shows a web browser window titled "LERG Pre-Processor - Microsoft Internet Explorer". The address bar displays "http://tardis/app/jsp/login_form.jsp". The main content area is titled "Table 1 ODCF Records Query" and features a form with the following fields:

OCN	
Name	
Category	
# of Records	10

Below the form is a "Submit" button.

The following fields may be specified to limit the number of job results returned:

- OCN
- Name
- Category

Enter the OCN, Name and/or Category and the number of records to view on the screen and click the SUBMIT action button. The LERG Table 1 One Day Change File Records screen will indicate the results of your query. You may click the PREV or NEXT action buttons to view other pages.



Table 6 ODCF Records

Overview The user may view detailed information about One Day Change File updates to LERG Table 6 since the last monthly update of the LERG. Under the LERG Data heading, select the Table 6 ODCF Records option, which will open the Table 6 ODCF Records Query screen.

Figure 18-8 Table 6 ODCF Records Query

Table 6 ODCF Records Query

NPA	
NXX	
# of Records	10

Submit

The following fields may be specified to limit the number of job results returned:

- NPA
- NXX

Enter the NPA and/or the NXX and the number of records to view on the screen and click the SUBMIT action button. The LERG Table 6 One Day Change File Records screen will indicate the results of your query. You may click the PREV or NEXT action buttons to view other pages.



Table 7SHA ODCF Records

Overview The user may view detailed information about One Day Change File updates to LERG Table 7SHA since the last monthly LERG update. Under the LERG Data heading, select the Table 7SHA ODCF Records option, which will open the Table 7SHA ODCF Records Query screen.

Figure 18-9 Table 7SHA ODCF Records Query screen

LERG Pre-Processor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Messenger Links

Table 7SHA ODCF Records Query

Switch CLI

SHA

of Records 10

Submit

Local intranet

The following fields may be specified to limit the number of job results returned:

- SWITCH CLI
- SHA

Enter the CLI and/or the SHA and the number of records to view on the screen and click the SUBMIT action button. The LERG Table 7SHA One Day Change File Records screen will indicate the results of your query, and you may click the PREV or NEXT action buttons to view other pages.

Please refer to the LERG documentation for definition of tandems and other LERG terminology.



19 BTI Introduction

Overview

Purpose This chapter describes the benefits provided and the business issues resolved by the Batch Translation Interface (BTI).

Reason for reissue This is the first issue of the document.

Objectives This chapter provides information to perform the following:

- An overview of the Batch Translation Interface.
- New functionalities provided as part of this interface.

Contents This chapter discusses these topics.

Batch Translation Interface Feature	19-2
Accessing the BTI GUI	19-3



Batch Translation Interface Feature

Overview The Batch Translation Interface (BTI) feature facilitates the creation and submission of bulk Recent Changes to a shadowed 5ESS switch. The interface provides an excel-like spreadsheet where distinct changes can be made to multiple records at a time in an order.

Using this feature you will be able to view all data for a single or multiple records for a particular table or view in a consolidated spreadsheet format. You can make all the necessary changes at once and submit it for further processing.

The interface performs level one validations to ensure that valid RCs are created.

Important! All Translation Interface (TI) users can access the Batch Translation Interface.

- Features** The BTI interface facilitates the following:
- Improved MULTRC functionality: The spreadsheet interface offers the capability of creating INSERT or VERIFY records in a batch process. In addition, you will be able to perform all of the existing MULTRC functionalities including DELETE and CHANGE.
 - Improved Report Generation: Using this feature you can generate reports that display data in a spreadsheet format containing details of all records and all fields within a record. You will be able to generate these reports for 5ESS views.

- Capabilities** The BTI provides the following capabilities:
- Query records, including the query by example capability.
 - Save the results of the query on your workstation or PC.
 - Insert, change, delete or verify records in bulk.
 - Cut, paste and copy cells, data in cells, rows or columns into other cells, data in cells, rows or columns. This includes highlighting a portion of the data in a cell and copying or cutting it.
 - Copy data and cells from Microsoft Excel to the spreadsheet and vice versa.



Accessing the BTI GUI

Purpose This section describes the procedure for accessing the BTI GUI.

Related information BTI is accessed through a separate window from the existing Translation Interface browser. The BTI window is a child of the original TI browser. You will be able to toggle back and forth between the new spreadsheet window and the TI browser that is used to launch the spreadsheet window. Closing the original TI browser will close the spreadsheet window as well.

To start using the BTI feature, logon to 8950 VAM.

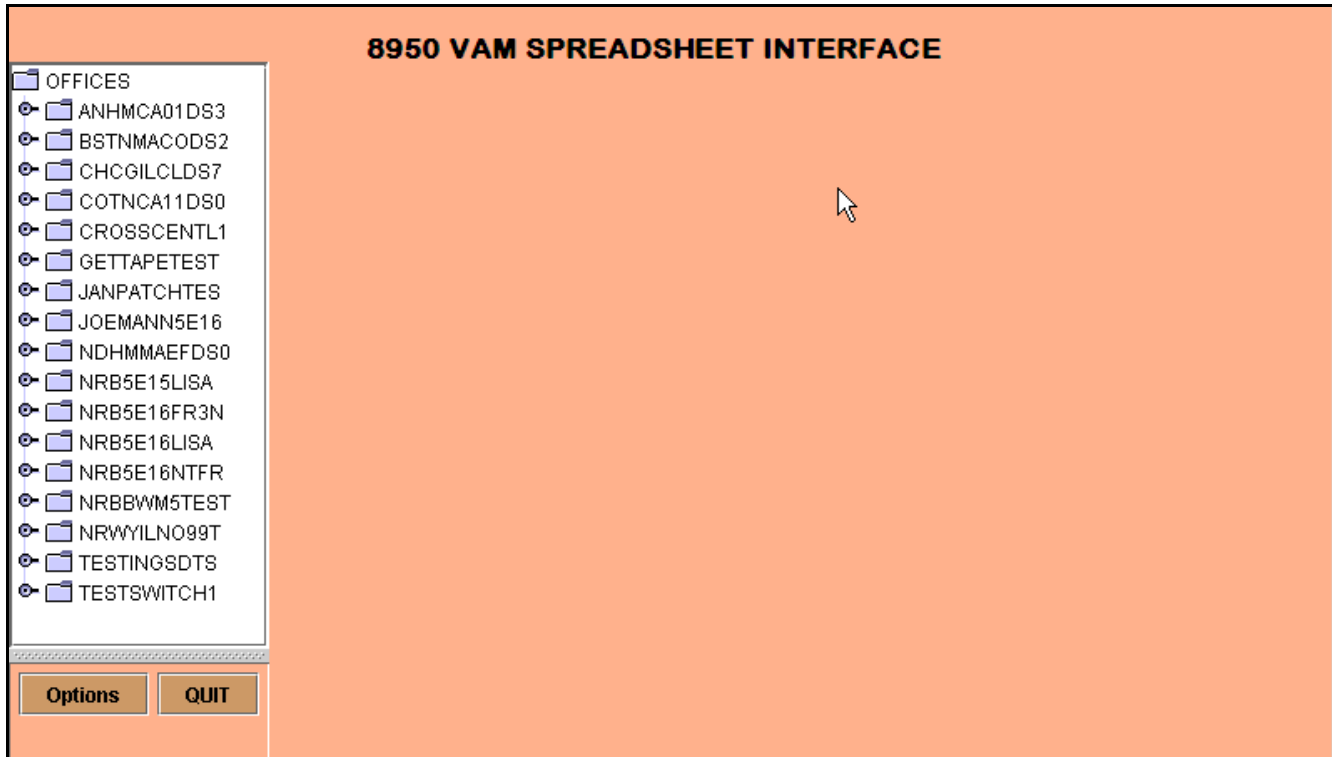
Important! The steps for accessing the TI browser are detailed in the Translation Interface guide.

Procedure To start accessing the BTI window, do the following:

- 1 Select the **Spreadsheet Interface** option from the **Admin Menu** of the Translation Interface.

Result: The Spreadsheet Interface window is displayed.

Figure 19-1 8950 VAM Spreadsheet Interface screen



-
- 2 Select the desired office (5ESS Switches) from the list.

Result: A list of all the available classes of 5ESS views supported by 8950 VAM is presented. Each class has a set of corresponding views that are displayed in a cascading sub-menu.

Important! The displayed list only contains switches that are there in the hot-list. Cut-through views are not displayed.

- 3 Select the desired view from the list.

Result: The Query or Insert/Verify screen is displayed depending on the action you select to perform.

Figure 19-2 Query or Insert/Verify screen

CLASS 9

- 9.1
- 9.2
- 9.3
- 9.4
- 9.5
- 9.6
- 9.7
- 9.8
- 9.9
- 9.10
- 9.11
- 9.12
- 9.13
- 9.16
- 9.20
- 9.21
- 9.22

INT

NRB5E16FR6J

LOCAL DIGIT (OFFICE DIALING) {9.3}

LAST ACCESSED ORDER:

5E16FR5

ROW NUM	*1. LDIT	*2. INCOMING DIGITS	3. CALL TYPE	5. TYP CI CALL	7. RTI

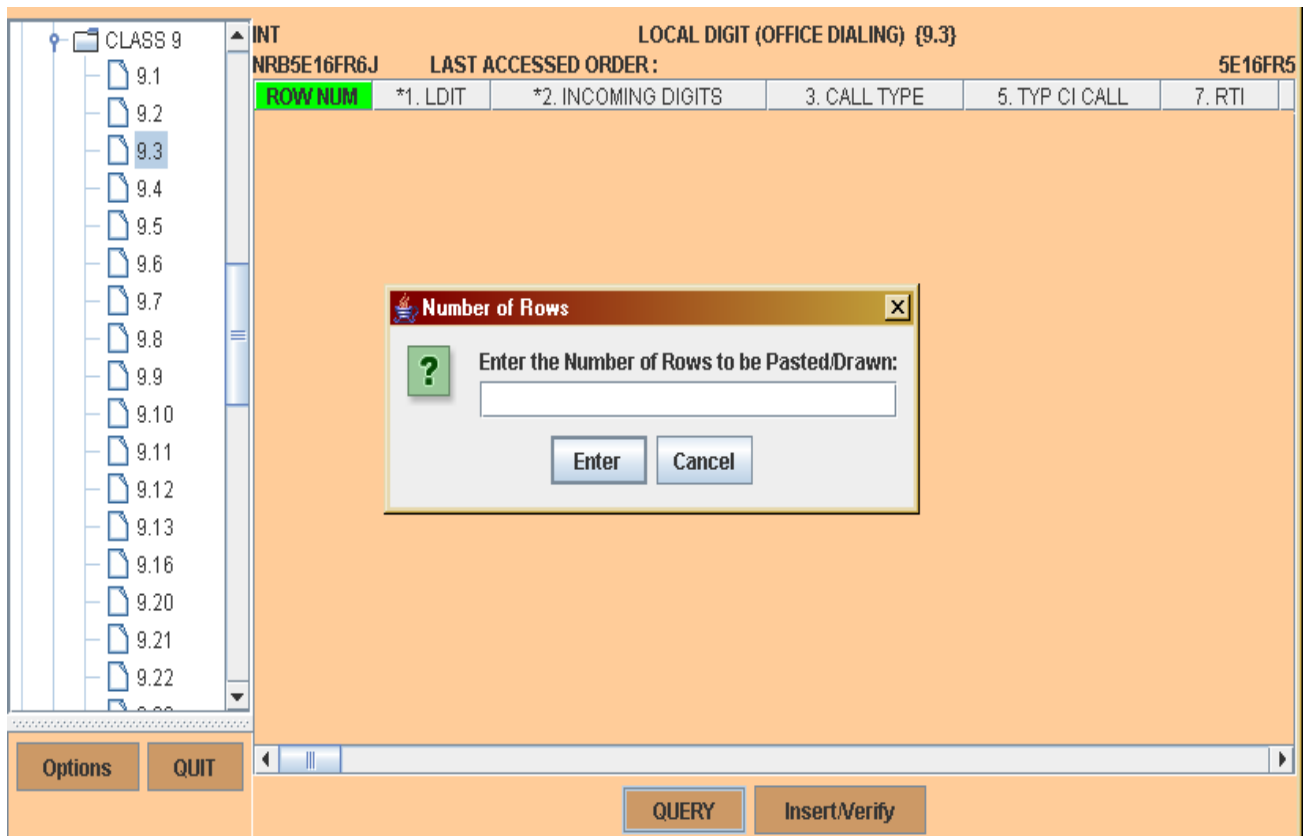
Options QUIT

QUERY Insert/Verify

- 4 Select a desired mode (Query or Insert/Verify) from the list. For example, click **Query**.

Result: The following pop-up window is displayed.

Figure 19-3 Number of Rows pop-up screen



- 5 Enter a numeric value between 1 - 5000 in the Pop-up window and click **Enter**.

Result: The Query By example screen with the mentioned number of rows is displayed.

Figure 19-4 Query-by-Example screen

CLASS 9

9.1

9.2

9.3

9.4

9.5

9.6

9.7

9.8

9.9

9.10

9.11

9.12

9.13

9.16

9.20

9.21

9.22

9.23

9.25

9.26

9.27

9.35

9.36

9.40

9.41

CLASS 10

CLASS 11

INT

5ESSTESTLIS

LAST ACCESSED ORDER :

LOCAL DIGIT (OFFICE DIALING) {9.3}

5E16

ROW NUM	*1. LDIT	*2. INCOMING DIGITS	3. CALL TYPE	5. TYP CI CALL	7. RTI	8. FAT LDIT	9. POLYGR
1							
2							
3							
4							
5							

Options

QUIT

OK

RESET

EXIT

Important! Only views that are shadowed are displayed.

END OF STEPS.....

20 Performing an Insert/Verify

Overview

- Purpose** This chapter describes how to use the Insert and Verify modes to create a new RC using the BTI.
- Objectives** This chapter provides information on creating a 5ESS Insert/Verify RC.
- Contents** This chapter discusses the following topics.

Creating a 5ESS Insert/Verify RC	20-2



Creating a 5ESS Insert/Verify RC

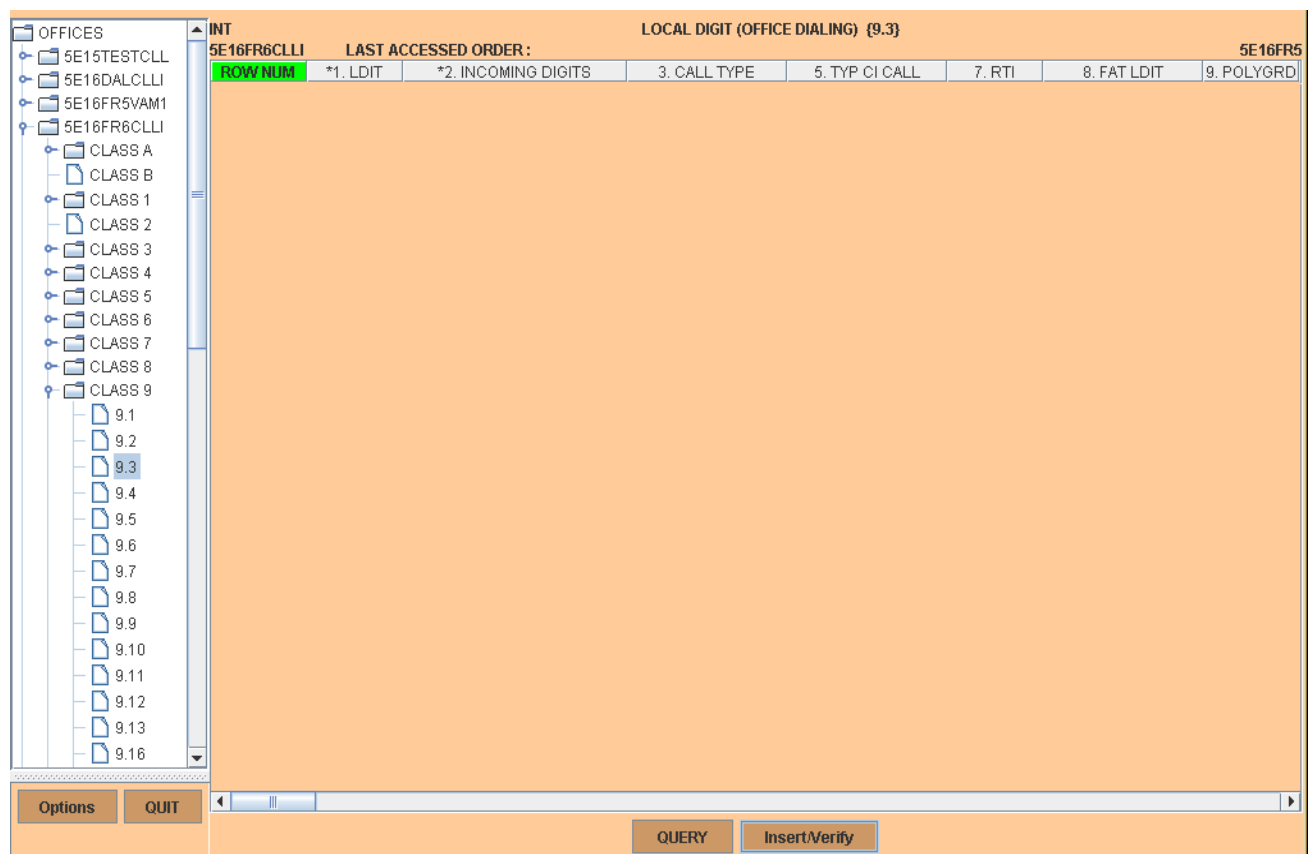
Introduction Using BTI you can create a new pending insert or verify RC.

To create a 5ESS RC using the **INSERT** or **VERIFY** operation, do the following:

- 1 Select a desired Office (5ESS switch) and View from the list.

Result: The Spreadsheet Interface screen is displayed with the details of the switch CLLI and view combination.

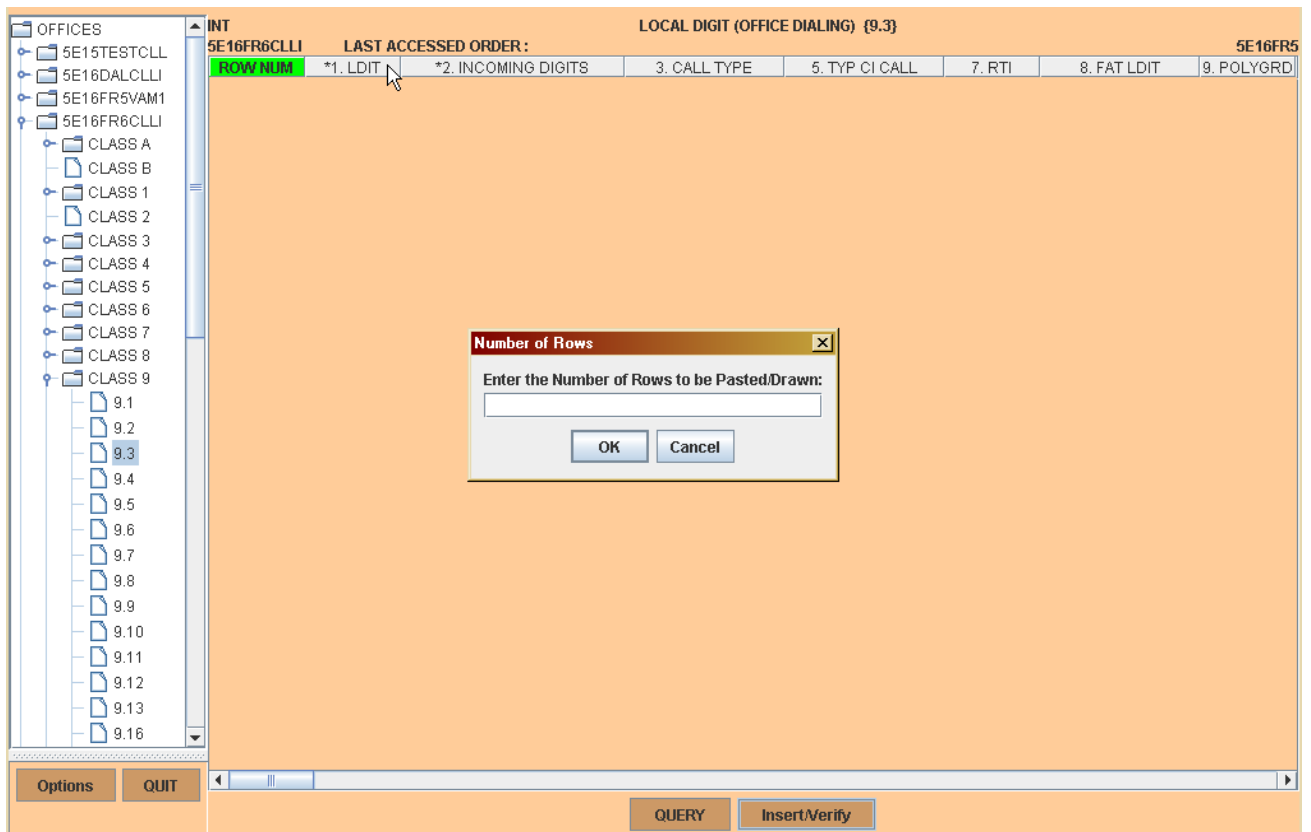
Figure 20-1 Spreadsheet Interface - Navigation screen



- 2 Click on the **Insert/Verify** action button.

Result: The following pop-up window is displayed.

Figure 20-2 Spreadsheet Interface - Navigation Window pop-up screen



Important! ROWNUM is for display or read-only.

- 3 Enter a numeric value between 1 - 5000 in the Pop-up window.

Result: The **Insert Verify** screen with the above mentioned number of rows will be displayed.

Figure 20-3 Spreadsheet Interface - Insert Verify screen

RC MODE	ROW NUM	SROW	*1. LDIT	*2. INCOMING DIGITS	3. CALL TYPE	5. TYP CI CALL	7. RTI	8. F
	1	1			NORMAL		10000	
	2	1			NORMAL		10000	
	3	1			NORMAL		10000	
	4	1			NORMAL		10000	

- 4 You can create new RCs/Orders using the following modes:
- Insert (I)**
 This mode lets you create a new RC. It requires key fields and non-key fields or a valid key set.
 - Verify (V)**
 This mode lets you create a new pending verify RC. It requires key fields or valid key sets.

Figure 20-4 Insert/Verify screen

The screenshot shows a software interface for managing call classes. On the left is a tree view under 'OFFICES' containing several folders like '5E15TESTCLL', '5E16DALCLI', '5E16FR5VAM1', and '5E16FR6CLI'. The '5E16FR6CLI' folder is expanded, showing sub-items 'CLASS A' through 'CLASS 9', and further down, items '9.1' through '9.16'. Item '9.3' is selected. On the right is a table titled 'LOCAL DIGIT (OFFICE DIALING) {9.3}' with a sub-header '5E16FR6CLI' and '5E16FR5'. The table has columns: 'RC MODE', 'ROW NUM', 'SROW', '*1. LDIT', '*2. INCOMING DIGITS', '3. CALL TYPE', '5. TYP CI CALL', '7. RTI', and '8. F'. The first four rows of data are visible, all with 'NORMAL' call types and '10000' RTI values. At the bottom are buttons for 'Options', 'QUIT', 'SUBMIT', and 'EXIT'.

RC MODE	ROW NUM	SROW	*1. LDIT	*2. INCOMING DIGITS	3. CALL TYPE	5. TYP CI CALL	7. RTI	8. F
I	1	1	1	1	NORMAL		10000	
I	2	1	2	2	NORMAL		10000	
	3	1			NORMAL		10000	
	4	1			NORMAL		10000	

- Enter **I** in the RC Mode field to create an Insert record. Enter **V** to create a Verify record.

Result: Default values will be displayed. You can now start entering data in the fields.

Figure 20-5 RC Mode - Insert/Verify

RC MODE	ROW NUM	SROW	*1. LDIT	*2. INCOMING DIGITS	3. CALL TYPE	5. TYP CI CALL	7. RTI	8. F
I	1	1	1	1	NORMAL		10000	
I	2	1	2	2	NORMAL		10000	
V	3	1	3		NORMAL		10000	
V	4	1	4		NORMAL		10000	

- 6 After all the appropriate data has been captured, click on the **SUBMIT** button.

Result: The Order Number dialog box is displayed.

Figure 20-6 Order Number Dialog Box

ORDER # TO BE CREATED BTI0345672EW

NEW APPEND EXIT

-
- 7 Enter the Order number that is to be created and click on the **NEW** button if you are creating a new order. To append the RC to an existing order, specify an already existing order number and then click the **APPEND** button.

Result: 8950 Voice Activation Manager creates the order. A status message indicating that the order has been created successfully is displayed.

END OF STEPS



21 Querying for a Record

Overview

Purpose Using BTI you can search for details of all records and all fields within a record. After you have performed a query, you can save the results of the query to your workstation.

The following section explains how to perform a query.

Performing a Query-By-Example

To perform a query-by-example, enter the search criteria for a given view. This narrows the scope of your query. As a result, only records containing the specified information are retrieved from the database.

Important! The search criteria for the query is case sensitive.

Using the Query Operators

When you enter search criteria for a query-by-example, you can use the following operators:

Operator	Description
=	Equal to
!=	Not equal to
>	Greater than
>=	Greater than or equal to
<	Less than

Operator	Description
<=	Less than or equal to

Procedure with Example

The procedure to perform a query-by-example is as follows:

Important! This section explains the query-by-example procedure for the switch 5E16FR6CLLI and view 9.3 combination.

- 1 Select the 5E16FR6CLLI switch from the list of 5ESS switches (Offices).

Result: A list of the available classes of 5ESS views for 5E16FR6CLLI is displayed.

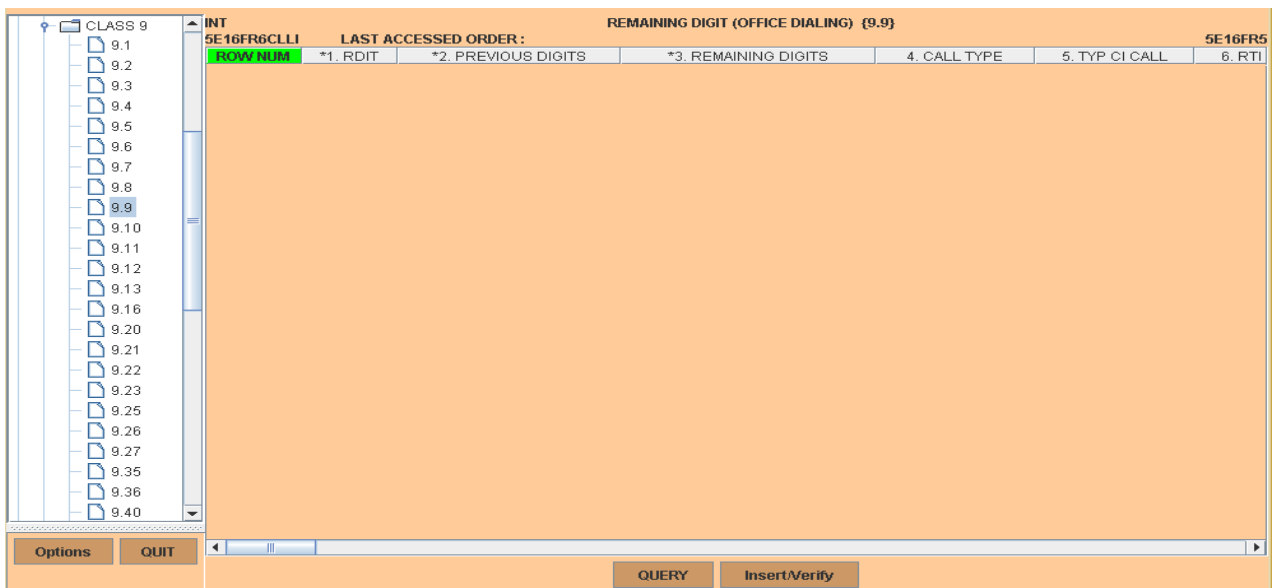
- 2 Select **Class 9**.

Result: A list of all views for the class is displayed.

- 3 Select view **9.3**.

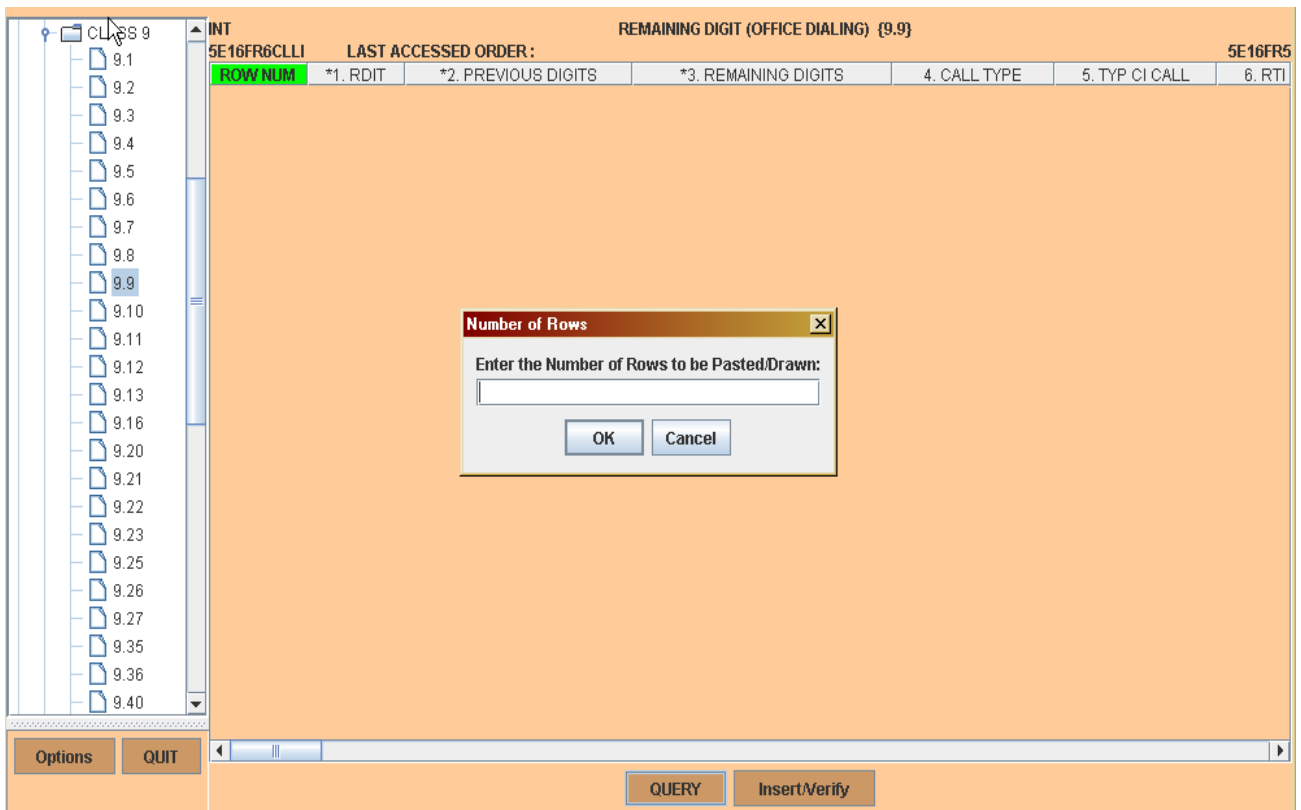
Result: The **Navigation** screen is displayed and the text portion of the screen is populated with the view selected.

Figure 21-1 Navigation screen



-
- 4 You can select either the **Query** option or the **Insert/Verify** option.
-
- 5 If you select **Query** option, the following pop-up window is displayed.

Figure 21-2 Navigation Query Pop-up screen



Important! ROWNUM is for display or read-only.

- 6 Enter a numeric value between 1 - 5000 in the Pop-up window.

Result: A **Query by example** screen with the above mentioned number of rows will be displayed.

Figure 21-3 Query-by-Example screen

CLASS 9

9.1

9.2

9.3

9.4

9.5

9.6

9.7

9.8

9.9

9.10

9.11

9.12

9.13

9.16

9.20

9.21

9.22

9.23

9.25

9.26

9.27

9.35

9.36

9.40

9.41

CLASS 10

INT

5E16FR6CLI

LAST ACCESSED ORDER :

REMAINING DIGIT (OFFICE DIALING) {9.9}

5E16FR5

ROW NUM	*1. RDIT	*2. PREVIOUS DIGITS	*3. REMAINING DIGITS	4. CALL TYPE	5. TYP CI CALL	6. RTI
1						
2						
3						
4						

Options QUIT

OK RESET EXIT

7 Enter the search criteria as follows:

Field Name	Operator	Your Entry
NBROFDIGITS	>	5
RTI	<	1000

Important! If you select the Options button, you can view 2000 records by default. You can change the value to view more or less number of records.

8 Each row is an OR condition. Each column is an AND condition. For example, if you want PREVIOUSDIGITS< 1000, or RTI > 100, then fill it as shown in the figure below.

Result: You get the records that match with the condition provided for the PREVIOUSDIGITS or RTI.

Figure 21-4 Query-by-Example - Input screen

NOV NUM	*1. RDIT	*2. PREVIOUS DIGITS	*3. REMAINING DIGITS	4. CALL TYPE	5. TYP CI CALL	6. RTI
1		1000				
2						100
3						
4						

Important! Empty rows will be ignored while retrieving the records. If none of the values in the input screen are provided, then this screen will display all the records that exist in the database.

- 9 Click the **OK** button to submit the query.

Result: The system scans the database and retrieves the results of the query. The text portion of the query-by-example screen is populated with the details of the view that matched the search criteria as shown in the following screen:

Figure 21-5 Query Results screen

CLASS 9		REMAINING DIGIT (OFFICE DIALING) {9.9}				
5E16FR6CLLI		LAST ACCESSED ORDER :				
RC MODE	ROW NUM	SROW	*1. RDIT	*2. PREVIOUS DIGITS	*3. REMAINING DIGITS	
	1	1	1	220	1199	
	2	1	1	220	5161	
	3	1	1	222	4130	
	4	1	1	268	7016	
	5	1	1	268	7046	
	6	1	1	415	978	
	7	1	1	416	977	
	8	1	1	418	702	
	9	1	1	419	976	
	10	1	1	495	9996	
	11	1	1	495	9998	
	12	1	1	727	0071	
	13	1	1	727	0072	
	14	1	1	727	0290	
	15	1	1	727	0291	
	16	1	1	727	0500	
	17	1	1	727	0510	
	18	1	1	727	0520	
	19	1	1	727	0530	
	20	1	1	727	0540	
	21	1	1	727	0550	
	22	1	1	727	0560	
	23	1	1	727	0570	
	24	1	1	727	0580	
	25	1	1	727	0590	
	26	1	1	727	0770	
	27	1	1	727	0771	
	28	1	1	727	0861	

Important! A message indicating the total number of records that matched the search criteria is also displayed.

You have the option of saving the results of the query on your workstation as a .csv file or you can choose to create a new order.

Important! Click on the **EXIT** button in the view's pane (Navigation Tree) to close the spreadsheet window. Click on the **EXIT** button in the query results section to return to the original query-by-example screen.

For views like 5.1, 1.6, 1.8 and so on, where the number of fields in the view is large, if the data to be retrieved in the query results is large, an out of memory exception might occur.

You need to modify the query results size in the **Options** button.

.....
E N D O F S T E P S

Creating Change, Delete, Verify RCs

When the results of the query are displayed, you can create Change, Delete, and Verify RCs.

Important! If you select the Insert (I) option from the RC mode drop-down the Insert (I) option is not displayed, since the Insert RC is not allowed in Query screen.

The procedure to create a Change RC, Verify RC or Delete RC is as follows:

-
- 1 Perform the query as mentioned in the Performing a query-by-example section.

Result: The results of the query are displayed.

-
- 2 In the **RC Mode** field select the **C** (Change) mode to create a change RC.

Important! To create a Delete RC choose the **D** mode. Similarly, to create a Verify RC, choose the **V** mode.

-
- 3 Select the non-key field(s) which has to be modified and change the existing data.

Important! A key field is preceded by an asterisk *. Mandatory fields are prefixed with a hash #.

-
- 4 Repeat steps 2 and 3 to change non-key fields across RCs.

Figure 21-6 Creating a Change RC screen

INT		REMAINING DIGIT (OFFICE DIALING) {9.9}				
5E16FR6CLLI		LAST ACCESSED ORDER :				
RC MODE	ROW NUM	SROW	*1. RDIT	*2. PREVIOUS DIGITS	*3. REMAINING DIGITS	
	1	1	1	220	1199	
C	2	1	1	220	5161	
	3	1	1	222	4130	
C	4	1	1	268	7016	
C	5	1	1	268	7046	
C	6	1	1	415	978	
C	7	1	1	415	977	
	8	1	1	418	702	
	9	1	1	419	976	
C	10	1	1	495	9996	
	11	1	1	495	9998	
	12	1	1	727	0071	
C	13	1	1	727	0072	
	14	1	1	727	0290	
	15	1	1	727	0291	
C	16	1	1	727	0500	
	17	1	1	727	0510	
	18	1	1	727	0520	
	19	1	1	727	0530	
	20	1	1	727	0540	
C	21	1	1	727	0550	
	22	1	1	727	0560	
	23	1	1	727	0570	
	24	1	1	727	0580	
C	25	1	1	727	0590	
	26	1	1	727	0770	
	27	1	1	727	0771	
	28	1	1	727	0861	

Important! You need to enter values for optional key fields in the View 23.2 to create, change or delete RCs. By default the optional key fields are blank in **Query Results** Screen.

- Click on the **SUBMIT** button.

Result: The Order Number dialog box is displayed.

Figure 21-7 Order Number Dialog Box

ORDER NUMBER

Enter ORDER # followed by return and then click NEW OR APPEND Button,
Otherwise Depress the EXIT Button

ORDER # TO BE CREATED

NEW

APPEND

EXIT

-
- 6 Enter an appropriate order number to identify the order and click on the **NEW** button.

Important! If the RC is to be appended to an existing order in the switch, specify an order number that exists and click the **APPEND** button.

Result: Power tool dialog box is displayed. Allows users the option to create Inserts even if record already exists as is done today with MULT-RC.

Figure 21-8 INSERT RC Power Tool dialog box



-
- 7 Click on **YES** to create Insert RCs even if it already exists.

Result: The order will be created with pending RCs. You will be able to view the order in the TI RC Summary screen.

-
- 8 If the Insert RCs need not be created if the record already exists, click on **NO**.

-
- 9 Click on **EXIT** to dismiss the prompt.

Figure 21-9 TI RC Summary screen

OFFICESCLASSESLINKED VIEWSSUMMARIESORDER CMDSRC CMDSADMINOPTIONSINFORMATION

INT

RC SUMMARY {ORD}

NRB5E16LISA

5E16

ORDER	ST	RCV/TBL	KEY	MD	RC#	DATE	USR
BTITEST02	OPN	9.3	1-01	C	1585	04-07-06	INT
BTITEST02	OPN	9.3	1-04	C	1586	04-07-06	INT
BTITEST02	OPN	9.3	1-07	C	1587	04-07-06	INT
BTITEST02	OPN	9.3	1-091	C	1588	04-07-06	INT

0157: 4 found

ACCEPTNEXT PGPREV PGREPORTSMULT RCORD INFORC INFOX COPYEXIT

Error and Message Status

<04/07/06 13:37:14> Asynchronous Message Handler Initialized: UI&A

RC LINK IS UP

EB NO HEARTBEAT

END OF STEPS

Creating an Insert RC

When the results of a query are displayed you have the option of inserting new RCs.

The procedure to insert a new RC is as follows:

-
- 10 Perform the query as mentioned in the Performing a query-by-example section.

Result: The results of the query are displayed.

- 11 Select an RC and go to the last field of the RC and press the [TAB] key.

Result: The Choose Record Type dialog box is displayed.

- 12 Select the record type you would like to create. You can either choose to insert a new record or insert a new list record.

Result: If you choose the **New Record** option, a new record is automatically inserted as the last row at the end of the query results. The RC Mode is automatically set to **I**. The system populates the default values.

If you choose the **New List Record** option, a new list row is appended to the current record. The **SROW** value is incremented. The RC Mode of the current record is set to **C**.

Important! In the RC mode, you are allowed to select “I, V, and D” only, though C is displayed.

- 13 If you are creating a new record enter the key and non-key field values. If you are inserting a new list record enter the values for the list fields.

Example: In the 9.3 view **CONFRES** and **IMPLDNPASS** are the only two lists available.

- 14 Click on the **SUBMIT** button.

Result: The Order Number dialog box is displayed. Save the RC as a new order or append it to an existing order.

END OF STEPS

Performing Bulk Changes To perform a Bulk Change on multiple RCs, do the following:

- 15** Select a desired Office (5ESS switch) from the list.
 - 16** Query the database to create a worklist containing records of the selected view.
-

Result: The query-by-example screen is displayed with the results of the query.

Important! Notice, when the results of the query are displayed, a new set of action buttons are displayed at the bottom of the query-by-example screen.

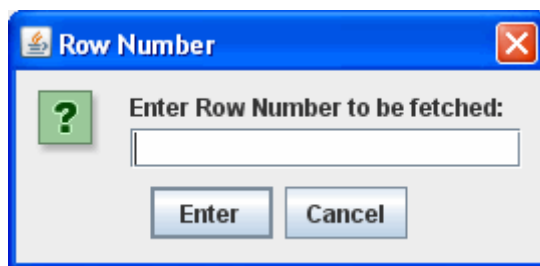
Figure 21-10 Action Buttons



-
- 17** To scroll to a specified row in the query results screen, click on **GOTO** action button.

Result: Row Number dialog box is displayed.

Figure 21-11 GOTO dialog box



-
- 18** Enter the appropriate row number and click on **Enter**.

Result: The Query Results screen is scrolled such that the entered row number is at the top of the screen and the row number is highlighted. If the row number entered is one among the last screen in huge number of records, then that row is just highlighted, but not scrolled to the top of the screen.

- 19 To begin modifying data, highlight multiple fields in the column that you wish to modify and click on the **BULK CHANGE** action button.

Figure 21-12 Bulk Change - Highlighted Fields screen

8950 VAM SPREADSHEET INTERFACE

CLASS 9

- 9.1
- 9.2
- 9.3
- 9.4
- 9.5
- 9.6
- 9.7
- 9.8
- 9.9
- 9.10
- 9.11
- 9.12
- 9.13
- 9.16
- 9.20
- 9.21
- 9.22
- 9.23
- 9.25
- 9.26
- 9.27
- 9.35
- 9.36
- 9.40
- 9.41

CLASS 10

CLASS 11

INT TEST5E16VMP LAST ACCESSED ORDER: LOCAL DIGIT (OFFICE DIALING) (9.3) 5E16FR5

RC MODE	ROW NUM	SROW	*1. LDIT	*2. INCOMING DIGITS	3. CALL TYPE	5. TYP CI CALL	7. RTI	8. F
	1	1	1	000	VACANT	NONCI		
	2	1	1	001	NORMAL		10000	
	3	1	1	002	VACANT	NONCI		
	4	1	1	003	VACANT	NONCI		
	5	1	1	004	VACANT	NONCI		
	6	1	1	005	VACANT	NONCI		
	7	1	1	006	VACANT	NONCI		
	8	1	1	007	VACANT	NONCI		
	9	1	1	008	NS800	NONCI		
	10	1	1	009	VACANT	NONCI		
	11	1	1	1	VACANT	NONCI		
	12	1	1	10	VACANT	NONCI		
	13	1	1	100	100	NONCI	200	
	14	1	1	101	101	NONCI	200	
	15	1	1	102	102	NONCI	200	
	16	1	1	103	103	NONCI	200	
	17	1	1	104	104	NONCI	200	
	18	1	1	105	105	NONCI	200	
	19	1	1	106	VACANT	NONCI		
	20	1	1	107	VACANT	NONCI		
	21	1	1	108	VACANT	NONCI		
	22	1	1	109	VACANT	NONCI		
	23	1	1	11	VACANT	NONCI		
	24	1	1	110	VACANT	NONCI		
	25	1	1	111	VACANT	NONCI		
	26	1	1	112	VACANT	NONCI		
	27	1	1	113	VACANT	NONCI		
	28	1	1	114	VACANT	NONCI		
	29	1	1	115	VACANT	NONCI		
	30	1	1	116	VACANT	NONCI		
	31	1	1	117	VACANT	NONCI		
	32	1	1	118	VACANT	NONCI		
	33	1	1	119	VACANT	NONCI		

Options QUIT

GOTO SUBMIT BULK CHANGE SAVE EXIT

Call Type. Refer to RC Manual for valid values.

Result: The Bulk Change dialog box is displayed as follows:

Figure 21-13 Bulk Change Dialog Box

CHANGE X

Enter new data for 3. CALL TYPE field:

VACANT

OK

EXIT

Important! You can highlight only one column at a time. If multiple columns are selected the specified change is carried out only on the first column of the selected fields.

If you want all the fields in a column to be selected, highlight the first field and hold the **[SHIFT]** key and click on the last field.

- 20** Enter the new value for the selected field and click **OK** in the Bulk Change dialog box.

Important! If you modify data pertaining to key-fields the RC Mode automatically changes to **I**. Similarly, if non-key fields are modified, the RC Mode is automatically set to **C**. If both key and non-key fields have been modified, the RC Mode is set to **I**.

- 21** Click on the **SUBMIT** button to create an order with pending RCs.

END OF STEPS

Saving the Results of a Query as a .csv file

After you perform a query, at any point of time you can save the results as a *csv* file. This file can be opened using Microsoft Excel.

To save the results of the query do the following:

- 22** Click on the **SAVE** action button to save the results of the query on your workstation.

Result: The **Save As** screen is displayed.

- 23** Specify an appropriate file name to identify the query result.

Important! It is recommended that you save the file as plain text by giving the *.csv* extension or choosing the *.csv* file type.

END OF STEPS

Change RC for views with optional keys

The procedure to create a Change RC for views with optional key fields is as follows:

- 1** Perform the query as mentioned in the Performing a query-by-example section.

Result: The results of the query are displayed.

- 2 In the **RC Mode** field select the **C** (Change) mode to create a change RC.
- 3 Select the non-key field(s) which has to be modified and change the existing data.
A key field is preceded by an asterisk *. Mandatory fields are prefixed with a hash #.
- 4 For views like 1.6, 1.8 and so on, which have multiple sets of optional key fields, query result would retrieve data populated in multiple key sets.

Figure 21-14 Change RC with Incorrect Optional Key Fields

RC MODE	ROW NUM	(*1. TN	(*2. OE.ENTYPE	(*2. OE.LEN	(*5. PTY	(*6. MLHG	(*7. MEMB	9. CHNG
C	1	2014380106	L	0010005053	I			20143801

- 5 An error message is displayed at the bottom of the screen if the correct set of optional keys is not populated and the **SUBMIT** button is not enabled.

- 6 You need to remove the appropriate optional key set to create the change RC successfully.

Figure 21-15 Change RC with correct optional key fields

COMPOSITE LINE (LINE ASSIGNMENT) {1.6}

RC MODE	ROW NUM	(*)1. TN	(*)2. OE.ENTYPE	(*)2. OE.LEN	(*)5. PTY	(*)6. MLHG	(*)7. MEMB	9. CHNG TN	10. CHNG OE
C	1	2014380106						2014380106	L

Options QUIT SUBMIT BULK CHANGE SAVE EXIT

Inter A=INEN, C=ISLU-Z, D=DEN, E=AIU, G=GEN, L=LEN, N=NEN, ...[see manual]

END OF STEPS



Cut and Paste values in BTI Do the following to cut and paste the values in a BTI spreadsheet interface.

- 1 Select the value that you want to copy/cut and paste. The value you want to copy is highlighted.

The value to be pasted can be copied from anyplace. In the example, it is not copied from the query results screen but from the regular Translations Interface GUI.

Example: Select TN.

Figure 21-16 BTI Copying the Value

OFFICES CLASSES LINKED VIEWS SUMMARIES ORDER CMDS RC CMDS ADMIN OPTIONS INFORMATION

INT PBX-DID LINE (LINE ASSIGNMENT) {1.5}

5E16FR6TEST 5E16FR5

RC MODE: ORDER:

*1. TN 2014380103 SPEC TRN NONE
22. RMX 1 COMP LOSS +0 0
23. LCC IM1
38. RTI SCD SCRNING N
HRI 129. LRN INDEX
57. TSTCODE NONE 131. NON COND TRIG N
59. RMK S B 00 27
60. TRC N
61. CD RSTRCT NONE

Found 7170 records (Record: 1)

NEXT PREV MULT RC GO TO DB COPY REPORTS HIST EXIT

Error and Message Status

<04/24/06 10:14:01> Asynchronous Message Handler Initialized: UI110A

- 2 Select the field in the BTI spreadsheet interface and paste the value.

Figure 21-17 BTI Pasting the value

OFFICES

5E15TESTCLL

5E16DALCLLI

5E16FR5VAM1

5E16FR6CLLI

CLASS A

CLASS B

CLASS 1

1.5

1.6

1.7

1.8

1.9

1.11

1.12

1.22

1.24

1.25

1.32

1.37

1.45

CLASS 2

CLASS 3

CLASS 4

CLASS 5

CLASS 6

CLASS 7

CLASS 8

CLASS 9

9.1

INT

5E16FR6CLLI

LAST ACCESSED ORDER:

PBX-DID LINE (LINE ASSIGNMENT) {1.5}

5E16FR5

ROW NUM	*1. TN	22. RAX	23. LCC	38. RTI	HRI	57. TSTCODE	59. RMK	60. TRC	61. CD RSTRCT
=									
1									
2	201438010...								
3									
4									

OptionsQUIT

OKRESETEXIT

Telephone number. Enter NXXXXXXXXX where N=2-9 and X=0-9.

END OF STEPS

Drag and Drop capability in BTI

Similar to Copy, Cut and Paste. Data can be copied or moved using Drag and Drop in a BTI spreadsheet interface. Data can also be dragged and dropped, to and from Excel Spreadsheet.

A Customer Scenarios

Overview

Purpose The purpose of this chapter is to introduce the Customer Scenarios associated with Power Tools for 8950 VAM.

The following topics are included in this chapter:

Using Power Tools	A-2
Using Text Editing Special Characters	A-26
Using Operators as Query Criteria	A-32



Using Power Tools

What are Power Tools

Power Tools is a term given to a group of features that have been designed to increase your productivity by allowing you to perform a single operation on multiple records simultaneously. Power Tools have the following characteristics:

- Many operate on multiple views.
- Almost all of these tools can operate on more than one switch at a time (switches must be like type and generic).
- May be used individually or in combination with each other. For example, if you want to make changes to more than one switch, you can use SWITCH BATCH to select multiple switches, query the database, and then use MULT RC to make changes on all of the selected switches.

Important! When you use power tools to create RCs, you must still ready the RCs and send them to the switch.

This section provides a general description of each power tool followed by one or more examples of how the tool might be used. These operational scenarios are intended to illustrate ways in which customers typically use Power Tools to provision services on their networks. Users can easily adapt the specific scenarios included here to perform other operations in their own workplaces. Each scenario includes a high level procedure for performing the operation. For detailed procedures, please refer to the corresponding chapter in the body of this user guide.

MULTIPLE Feature Description

Creates insert RCs to be added to the switch on which you are positioned. All of the RCs that are created have a common template (with the same non-key fields). This tool is used on a single view.

Possible uses of MULTIPLE would be to:

- Create a new LDIT where all codes are routed to vacant or a particular treatment.
- Add several new trunk members to an existing trunk group.

MULTIPLE Procedure

To add several new members to an existing trunk group, using an existing record in the shadow database for a template, do the following:

.....

- 1** From the Classes menu, select the 5.5 View.
.....
- 2** Click on the **MULTIPLE** action button.
.....
- 3** Enter an order name in the Order Number dialog box, and press the Enter/Return key.
.....
- 4** Do *one* of the following:
 - If you want to create the RCs in a new order, click on the **NEW** action button.
 - If you want to add the RCs to an existing order, click on the **APPEND** action button.

The Template Selection dialog box is displayed with the following choices:

- Copy from Shadow: allows you to use an existing record in the shadow database as the template.
 - Copy from Pending: allows you to use a previously created RC as the template.
 - Create RCs with New Template: allows you to enter data in non-key fields to be used as the template.
-

- 5** From the Template Selection dialog box, select Copy from Shadow.
.....
- 6** Enter the new key set data in the MULTIPLE dialog box.
.....
- 7** Click on the **ACCEPT** action button.
.....
- 8** Enter key sets from the record in the shadow database to be used as a template.

-
- 9 Click on the **ACCEPT** action button.

Result: The Power Tool Message dialog box is displayed. It allows you to validate whether keys for newly created RCs already exist in the shadow database.

- 10 Select YES to create duplicate records in the shadow database; otherwise, select NO. NO is recommended for this scenario.

Result: RCs are created using the key sets that you entered in the MULTIPLE dialog box. Only one RC is created for each key set you entered. Any RC that could not be created because of an already existing record in the shadow database is displayed.

END OF STEPS

MULT RC Feature Description

Creates insert, change, verify, or delete RCs of records in the shadow database to one or more switches. This tool is used on a single view.

Possible uses of the MULT RC tool would be to:

- Create a new screening index.
- Change the maximum number of digits expected for international dialing.
- Delete all members of an existing trunk group.

MULT RC Procedure - Creating a New Screening Index

To create a new screening index, do the following:

-
- 1 From the Classes menu, select the 10.10 View.
-
- 2 Query for the desired screening index to be copied as follows:
- a. Click on the **QUERY** action button.
 - b. Enter the screening index in the SCR key field.
 - c. Click on the **ACCEPT** action button.

Result: Records matching your query criteria are displayed.

3 Click on the **MULT RC** action button.

Result: One line for each CDI within the selected screening index is displayed in the Multiple pop-up window.

4 Do *one* of the following:

- If you want to use all the CDIs in the new screening index, continue with the next step.
 - If you want to exclude any of the CDIs from the new screening index, change the Y associated with the entry to an N for each entry you want to exclude.
-

5 Click on the **ACCEPT** action button.

6 Enter an order name in the Order Number dialog box, and press the Enter/Return key.

7 Do *one* of the following:

- If you want to create the insert RCs in a new order, click on the **NEW** action button.
 - If you want to add the insert RCs to an existing order, click on the **APPEND** action button.
-

8 Click on the **COPY** action button.

9 Enter the new screening index in the SCR key field and click on the **ACCEPT** action button.

Result: The cursor is located in the RMK field.

-
- 10** Do *one* of the following:
- If desired, enter data in the RMK field.
Data entered in the RMK field will be copied to all of the CDIs.
 - If you do not want to enter a remark, continue with the next step.
-

- 11** Click on the **ACCEPT** action button.

Result: The cursor is located in the Screening Index Data rows.

- 12** Do *one* of the following:
- If desired, enter data in any field in any row.
The changes to the data will be copied to *all* of the CDIs.
 - If you do not want to make any changes, continue with the next step.
-

- 13** Click on the **ACCEPT** action button.

Result: The Power Tool Message dialog box is displayed. It allows you to validate whether keys for newly created RCs already exist in the shadow database.

- 14** Select YES to create duplicate records in the shadow database; otherwise, select NO. NO is recommended for this scenario.

Result: Insert RCs are created for all selected CDIs in the new screening index. You can now use the Query Pending functionality to make changes to the CDIs.

END OF STEPS

MULT RC Procedure - Changing the Number of Allowable Digits

To change the maximum number of allowable digits for an international call from 12 to 15, do the following:

- 1** From the Classes menu, select the 9.6 View.
-

2 Query the MXDE field for 12 as follows:

- a. Click on the **QUERY** action button.
- b. Enter 12 in the MXDE field to query for all records, or also enter one or more values in the LDIT field to query for a subset of the records to be changed.
- c. Click on the **ACCEPT** action button.

Result: Records with MXDE equal to the value of 12 are displayed.

3 Click on the **MULT RC** action button.

Result: One line for each key set is displayed in the Multiple pop-up window.

4 Do *one* of the following:

- If you want to change all the key sets displayed in the pop-up window, continue with the next step.
 - If you want to exclude any of the key sets from being changed, change the Y associated with the key set to an N for each key set you want to exclude.
-

5 Click on the **ACCEPT** action button.

6 Enter an order name in the Order Number dialog box, and press the Enter/Return key.

7 Do *one* of the following:

- If you want to create the change RCs in a new order, select **NEW**.
 - If you want to add the change RCs to an existing order, select **APPEND**.
-

8 Click on the **CHANGE** action button.

Result: The cursor is located in the first non-key field.

-
- 9 Press the Enter/Return key to move through the non-key fields.
-

- 10 Enter 15 in the MXDE field and click on the **ACCEPT** action button.

Result: Change RCs are created for all of the selected records.

END OF STEPS

**MULT RC Procedure -
Deleting Members of a
Trunk Group**

To delete all or a selected group of members in a trunk group, do the following:

- 1 From the Classes menu, select the 5.5 View.
-
- 2 Query for the desired range of members within the trunk group by doing *one* of the following:
- If you want to display all the members of the trunk group, enter the TGN.
 - If you want to limit the display to only certain members of the group, enter a range of members (*i.e.*, 48:63).
-

- 3 Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

- 4 Click on the **TASK DONE** action button.

Result: Trunk group members meeting your query criteria are displayed.

- 5 Click on the **MULT RC** action button.

Result: One line for each member of the trunk group is displayed in the Multiple pop-up window.

-
- 6 Do *one* of the following:
- If you want to delete all the members displayed in the pop-up window, continue with the next step.
 - If you want to exclude any of the members from being deleted, change the Y associated with the member to an N for each member you want to exclude.
-
- 7 Click on the **ACCEPT** action button.
-
- 8 Enter an order name in the Order Number dialog box, and press the Enter/Return key.
-
- 9 Do *one* of the following:
- If you want to create the delete RCs in a new order, click on the **NEW** action button.
 - If you want to add the delete RCs to an existing order, click on the **APPEND** action button.
-
- 10 Click on the **DELETE** action button.
- Result:** Delete RCs are created for the selected trunk group members.

END OF STEPS

MULT RC – ASSIGN Feature Description

This feature allows you to segment an existing order into smaller pieces. You can use MULT RC-ASSIGN across multiple views. Segmenting an order may be necessary when you need to send only a part of a created order. The MULT RC - ASSIGN tool eliminates the need to cancel an entire order just because certain parts of the order cannot be sent. MULT RC-ASSIGN is also more efficient than the time consuming alternative of canceling each RC that cannot be sent within the order.

For example, suppose that a customer has asked for 300 new numbers to be routed to a new trunk group. An order has been created with a new trunk group, members, and 3 new hundred's groups. To test equipment at the customer end, the customer wants only 20 numbers to be opened and routed to the trunk group. So that numbers do not get assigned early, only one of the hundred's groups will be sent with the trunk group and members. To send only the one hundred's group with the rest of the order, two of the hundred's groups could be moved to another order to be sent at a later time.

**MULT RC-ASSIGN
Procedure**

To reassign (move) RCs from an existing order to another order, do the following:

-
- 1 From the RC SUMMARY screen, click on the **QUERY** action button.
-

- 2 In the ORDER column, enter the order name.
-

- 3 In the RCV/TBL column, enter the 4.14 View.

Result: Records matching your query criteria are displayed. (In this scenario, 3 records match your criteria).

- 4 Click on the **MULT RC** action button.
-

- 5 From the dialog box, click on the **ASSIGN** action button.
-

- 6 One line for each key set is displayed in the Multiple pop-up window.
-

- 7 Do *one* of the following:

- If you want all the key sets displayed in the pop-up window to be moved to the new order, continue with the next step.
- If you want to leave any of the key sets in the original order, change the Y associated with the key set to an N for each key set you want to leave in the original order.

8 Click on the **ACCEPT** action button.

9 Answer YES to the MULTIPLE RC dialog box.

10 Enter the new order name that will contain any RC to be reassigned.

Result: The selected RCs are assigned to the new order. The original order no longer contains any RCs that were selected to be moved.

END OF STEPS

MULT RC – CANCEL

Feature Description

MULT RC-CANCEL gives you the ability to cancel parts of an order that are no longer needed without having to cancel the entire order or having to cancel one RC at a time.

A possible use of this feature would be to:

- Cancel some RCs from an existing order. For example, in an order that was built with 96 members, but only 48 members will be installed, MULT RC-CANCEL would cancel all but the 48 members to be installed.

MULT RC – CANCEL Procedure

To cancel selected RCs from an existing order, do the following:

1 From the RC SUMMARY screen, click on the **QUERY** action button.

2 In the ORDER column, enter the order name.

3 In the RCV/TBL column, enter the 5.5 View.

Result: Records matching your query criteria are displayed. (In this scenario, assuming trunks were installed as full T1s, 4 records match your criteria).

4 Click on the **MULT RC** action button.

5 From the dialog box, click on the **CANCEL** action button.

Result: One line for each key set is displayed in the Multiple pop-up window.

6 For each entry in the pop-up window, do *one* of the following:

- If you want the RC to be cancelled, leave it as a Y.
 - If you want the RC to remain in its original state, change it to an N.
-

7 Click on the **ACCEPT** action button.

8 Answer YES to the MULTIPLE RC dialog box.

Result: The state of the selected RCs is changed to Cancel.

END OF STEPS

GLOBAL REPLACE Feature Description

Makes a distinct change (or changes) to all RCs within an order. The change is made across all fields and views that are contained within an order. Since this is usually done for an order, the change can be to either a single view or across all views within the order. GLOBAL REPLACE allows up to 10 distinct changes in one operation. This tool also gives you the capability of performing several MULT RC operations in a single procedure. In addition, if the template and target orders are different, then GLOBAL REPLACE changes the mode of the created RC, depending on whether or not the key set already exists in the shadow database.

Important! Changes made with global replace cannot be undone. It is recommended that you plan carefully before using this powerful tool.

Possible uses of GLOBAL REPLACE would be to:

- Change the routing on a group of carriers (10.3 View).
- Change the routing on a group of carriers (9.7 View).
- Change equipment assignments for lines or trunks.
- Add a new carrier (DMS).

GLOBAL REPLACE Procedure

Changing Routing on a Group of Carriers

There is more than one way to accomplish this objective. For example, you could make several queries for the data to be changed and then use the MULT RC Power Tool to make the changes. GLOBAL REPLACE simplifies making changes on a view such as 10.3, because using MULT RC would require that you enter query criteria in a large number of fields (*i.e.*, DOMES, INTL, ZPLUS, *etc.*). Using DBCOPY to create the set of records to be changed can be used effectively in this scenario because GLOBAL REPLACE has the functionality to change the mode of the RC, depending on whether or not the key set already exists in the shadow database.

To change all the routing on a select group of carriers, do the following:

-
- 1 From the Classes menu, select the 10.3 View.
-

- 2 Query for the group of carriers where routing is to be changed as follows:
 - a. Click on the **QUERY** action button.
 - b. Enter data in the key fields.
 - c. Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

- d. Click on the **TASK DONE** action button.

Result: Records with the carriers matching your search criteria are displayed.

- 3 Click on the **DBCOPY** action button.

Result: The Multi Switch Selection dialog box is displayed.

- 4 Double click on the switch CLI to select the desired switch.
-

In this scenario, select the switch that you are positioned on. The selected CLI is displayed in the lower section of the Multi Switch Selection dialog box.

.....

5 Click on the **ACCEPT** action button.

.....

6 Enter an order name in the Order Number dialog box, and press the Enter/Return key.

.....

7 Do *one* of the following:

- If you want to create the insert RCs in a new order, click on the **NEW** action button.
- If you want to add the insert RCs to an existing order, click on the **APPEND** action button.

Result: Insert RCs are created for the queried records.

.....

8 From the Order Cmds menu, select GLOBAL REPLACE.

.....

9 Enter the Template Order name. (This is the order you just created.)

.....

10 Enter Target Order name. (This must be different from the Template,)

.....

11 Click on the **ACCEPT** action button.

.....

12 In the REPLACE field, enter the data to be changed.

.....

13 In the WITH field, enter the new data.

.....

14 In the key fields, enter N.

.....

15 In the non-key fields, enter Y.

.....

-
- 16** When all data changes have been made, click on the **ACCEPT** action button.

Result: The changes that were made are displayed in the dialog box.

- 17** Click on the **EXIT** action button to dismiss the dialog box.

Result: Records from the template order are copied to the target order. The target order contains RCs with the new routing information for the selected carriers.

END OF STEPS

GLOBAL REPLACE Procedure

Changing Equipment Assignments for Trunks

To change the SM (Trunk Equipment Number) location for a group of trunks – (SM 1 to SM 9), do the following:

- 1** From the Classes menu, select the 5.5 View.
-
- 2** Query the OE field for the SM to be changed as follows:
- Click on the **QUERY** action button.
 - Enter an appropriate length, *e.g.*, 001*, in the SM field.
 - Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

- Click on the **TASK DONE** action button.
-

- 3** Click on the **MULT RC** action button.

Result: One line for each key set is displayed in the Multiple pop-up window.

- 4** Do *one* of the following:
- If you want to change all of the key sets displayed in the pop-up window, continue with the next step.
-

- If you want to exclude any of the key sets, change the Y associated with the member to an N for each key set you want to exclude.
-

5 Click on the **ACCEPT** action button.

6 Enter an order name in the Order Number dialog box, and press the Enter/Return key.

7 Do *one* of the following:

- If you want to create the change RCs in a new order, click on the **NEW** action button.
 - If you want to add the change RCs to an existing order, click on the **APPEND** action button.
-

8 Click on the **CHANGE** action button.

Result: The cursor is located in the first non-key field.

9 Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

10 Click on the **TASK DONE** action button.

Result: This step creates change RCs so that a global change can be made on a distinct portion of the OE without affecting the remaining portion.

11 From the Order Cmds menu, select GLOBAL REPLACE.

12 Enter the Template Order name (the order you just created).

13 Enter the Target Order name.

-
- 14** Do *one* of the following:
- If the Target Order is different from the Template Order, continue with the next step.
 - If the Target Order is the same as the Template Order, answer YES in the dialog box asking if you want to update the current order.
-

15 Click on the **ACCEPT** action button.

16 In the **REPLACE** field, enter 001.

17 In the **WITH** field, enter 009.

18 In the key fields, enter N.

19 In the non-key fields, enter Y.

20 Click on the **ACCEPT** action button.

Result: A dialog box is displayed showing the changes that were made.

21 Click on the **EXIT** action button to dismiss the dialog box.

END OF STEPS

GLOBAL REPLACE Procedure

Adding a New Carrier (DMS)

Since there are many tables associated with adding a carrier, GLOBAL REPLACE is an effective tool for this scenario. Using GLOBAL REPLACE, you can change all the tables (OCCNAME, OCCINFO, CKTDIGIT, *etc.*) at one time. Wherever the replace data is found in the order, it will be replaced with the new data. Because there are a number of tables associated with adding a new carrier, you can create a template order with all of the tables and keep this template for later use.

To add a new carrier (DMS), do the following:

- 1 Do *one* of the following:
 - If a template order containing the appropriate tables for adding a new carrier does not exist, create the order, and then continue with the next step.
 - If a template order containing the tables for adding a new carrier exists, continue with the next step.
- 2 From the Order Cmds menu, select GLOBAL REPLACE.
- 3 Enter the Template Order name (for the order you just created or the existing template with the tables for adding a carrier).
- 4 Enter the Target Order name (for the new order that will be sent).
- 5 Click on the **ACCEPT** action button.
- 6 In the REPLACE field, enter 9999.
- 7 In the WITH field, enter 288.
- 8 In the key fields, enter Y.
- 9 In the non-key fields, enter Y.
- 10 When all the data changes have been made, click on the **ACCEPT** action button.

Result: A dialog box is displayed showing the changes that were made.

-
- 11** Click on the **EXIT** action button to dismiss the dialog box.

.....
END OF STEPS
.....

DBCOPY Feature Description

Creates insert RCs that can be copied to any switch of like type and generic. These RCs are a duplicate copy of the existing records in the shadow database. Since these records already reside in the shadow database, the records are uniquely different. The tool is used typically to copy a single view from the target to one or more switches.

Possible uses of DBCOPY would be to:

- Create a new LDIT for a new remote that will be served by the host switch
- Create a new FAT for a split in a dialing pattern
- Copy records of an existing switch to a newly installed switch

DBCOPY Procedure To copy an entire PDIT to a newly created switch, do the following:

.....

- 1** From the Classes menu, select the 9.2 View.
-
- 2** Query for all the records in PDIT 1 as follows:
- a. Click on the **QUERY** action button.
 - b. Enter 1 in the PDIT key field.
 - c. Click on the **ACCEPT** action button.

Result: Records matching your query criteria are displayed.

.....

- 3** Click on the **DBCOPY** action button.

Result: The Multi Switch Selection dialog box is displayed.

.....

- 4** Double click on the switch CLLI to select the desired switch where the records are to be copied.

Result: The selected CLLI is placed in the lower section of the Multi Switch Selection dialog box.

.....

-
- 5 Click on the **ACCEPT** action button.
 - 6 Enter an order name in the Order Number dialog box and press the Enter/Return key.
 - 7 Do *one* of the following:
 - If you want to copy the RCs to a new order, click on the **NEW** action button.
 - If you want to add the RCs to an existing order, click on the **APPEND** action button.
-

Result: The queried records of PDIT 1 are copied to the selected switch CLI.

END OF STEPS

XCOPY Feature Description

Copies an entire set of RCs (usually an entire order) to any switch of like type and generic. The operation can be initiated from either the RC SUMMARY or the ORDER SUMMARY screen. The XCOPY tool saves you the effort of having to recreate common changes across multiple switches, and gives you the flexibility of copying created RCs from multiple views. It copies a distinct set of RCs regardless of their mode to one or more switches. The RCs retain their mode on the target switch.

Possible uses of XCOPY would be to:

- Copy an entire common customer centrex
- Copy a new product offering

XCOPY Procedure To copy a newly created customer centrex to one or more other switches, do the following:

- 1 From the Summaries menu, select RC Summary.
 - 2 Query for the desired records to be copied as follows:
-

- a. Click on the **QUERY** action button.
- b. Enter the order name (or other appropriate criteria) for the RCs to be copied.
- c. Click on the **ACCEPT** action button.

Result: Records matching your query criteria are displayed.

- 3 Click on the **XCOPY** action button.

Result: The Multi Switch Selection dialog box is displayed.

- 4 Double click on the switch CLLI to select the desired switch where the records are to be copied.
-

- 5 The selected CLLI is displayed in the lower section of the Multi Switch Selection dialog box.
-

- 6 Repeat 4 for each switch to which you want to copy records.
-

- 7 Enter an order name in the Order Number dialog box and press the Enter/Return key.
-

- 8 Do *one* of the following:

- If you want to copy the RCs to a new order, click on the **NEW** action button.
- If you want to add the RCs to an existing order, click on the **APPEND** action button.

Result: The queried RCs are copied to the selected switch CLLI(s).

END OF STEPS

SWITCH BATCH Feature Description

Many of the Power Tools give you the ability to copy created RCs or records from the shadow database to one or more switches. The Multi Switch dialog box is displayed, allowing you to select multiple switches. SWITCH BATCH differs from other Power Tools in its query capabilities. For DBCOPY and XCOPY, you select the switches *after* you enter the query criteria. For SWITCH BATCH, you can select multiple switches (of like type and generic) *before* you enter the query criteria. This allows you to create RCs that are common to all of the selected offices with only one query rather than selecting and then moving to each individual office.

The SWITCH BATCH tool is used in conjunction with other Power Tools.

Possible uses of SWITCH BATCH would be to:

- Find a common key to be used in all switches for a new product/feature
- Query to compare keys for trouble shooting purposes
- Enter a new key in all switches (*e.g.*, for a new carrier or trunk group)

SWITCH BATCH Procedure To add a new carrier in all switches, do the following:

-
- 1 From the Classes menu, select the 10.3 View.

 - 2 With the *right* mouse button, click on the **QUERY** action button.
Result: The Query Options dialog box is displayed.

 - 3 Click on the **SWITCH BATCH** action button.
Result: The Multi Switch Selection dialog box is displayed.

 - 4 Double click on the switch CLLI to select the desired switch to be queried.
Result: The selected CLLI is displayed in the lower section of the Multi Switch Selection dialog box.

5 Repeat 4 for each switch you want to query.

6 Click on the **ACCEPT** action button.

7 In the CARRIER ID field, enter the carrier number to be queried (and copied).

8 In the FEAT GRP field, enter the feature group of the carrier to be queried (and copied).

9 Click on the **ACCEPT** action button.

10 The Multi Page dialog box is displayed.

11 Click on the **TASK DONE** action button.

Result: Records matching your query criteria on all the selected switches are displayed.

12 Click on the **MULT RC** action button.

Result: One line for each key set is displayed in The Multiple pop-up window.

13 Do *one* of the following:

- If you want to copy all of the key sets in the pop-up window, continue with the next step.
- If you want to exclude any key set from being copied, change the Y associated with the entry to an N for each key set you want to exclude.

Result: This will create insert RCs for the new carrier to be built on all of the selected switches.

14 Click on the **ACCEPT** action button.

15 Enter an order name in the Order Number dialog box and press the Enter/Return key.

16 Do *one* of the following:

- If you want to create the insert RCs in a new order, click on the **NEW** action button.
 - If you want to add the insert RCs to an existing order, click on the **APPEND** action button.
-

17 Click on the **COPY** action button.

Result: The cursor is located in the CARRIER ID field.

18 Enter the new carrier id to be inserted in the CARRIER ID field.

19 Click on the **ACCEPT** action button.

Result: The cursor is located in the first non-key field.

20 Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

-
- 21** Click on the **TASK DONE** action button.

Result: The Power Tool Message dialog box is displayed. It allows you to validate whether keys for newly created RCs already exist in the shadow database.

- 22** Select YES to create duplicate records in the shadow database; otherwise, select NO. NO is recommended for this scenario.

Result: Insert RCs are created for the new carrier entered in each of the selected switches.

END OF STEPS

Using Text Editing Special Characters

You can use special characters in place of the actual value in data entry fields. When used in conjunction with a Power Tool, these text editing special characters allow you to change the value in the data field in multiple records with one operation.

Using the ^ character The caret (^) character (Shift 6) is used to prepend data to fields in existing records in the shadow database. Typically, this is used in conjunction with the MULT RC power tool.

Possible uses of the caret (^) character would be to:

- Break open a code within an LDIT to perform 6 digit translations
- Create a duplicate set of existing records in the shadow database with distinct new keys

Procedure To break out area code 303 for 6 digit translations, do the following:

- 1 From the Classes menu, select the 9.3 View.

- 2 Enter query criteria – LDIT(s) and INCOMING DIGITS - of the records where an area code will be prepended as follows:
 - a. Click on the **QUERY** action button.
 - b. Enter data in the LDIT and INCOMING DIGITS key fields.
 - c. Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

- 3 Click on the **TASK DONE** action button.

Result: Records matching your query criteria are displayed.

- 4 Click on the **DBCOPY** action button.

Result: The Multi Switch Selection dialog box is displayed.

-
- 5 Double click on the switch CLLI to select the desired switch where the records are to be copied.

Result: The selected CLLI (in this case, the switch that you are positioned on) is placed in the lower section of the Multi Switch Selection dialog box.

- 6 Click on the **ACCEPT** action button.
-

- 7 Enter an order name in the Order Number dialog box, and press the Enter/Return key.
-

- 8 Do *one* of the following:

- If you want to copy the RCs to a new order, click on the **NEW** action button.
- If you want to add the RCs to an existing order, click on the **APPEND** action button.

Result: Queried records of the 9.3 View are copied to the selected CLLI.

- 9 With the *right* mouse button, click on the **QUERY** action button.

Result: The Query Options dialog box is displayed.

- 10 Click on the **PENDING** action button.
-

- 11 In the Order Number dialog box, enter the order name just used to create the RCs, and press the Enter/Return key.
-

- 12 Click on the **ACCEPT** action button to query the RCs just created.

Result: The Multi Page dialog box is displayed.

13 Click on the **TASK DONE** action button.

Result: The pending RCs are displayed.

14 Click on the **MULT RC** action button.

Result: One line for each key set is displayed in The Multiple pop-up window.

15 Do *one* of the following:

- If you want to change all of the key sets in the pop-up window, continue with the next step.
 - If you want to exclude any key set from being changed, change the Y associated with the entry to an N.
-

16 Click on the **ACCEPT** action button.

Result: The cursor is located in the LDIT key field.

17 Press the Enter/Return key to move the cursor to the INCOMING DIGITS field.

18 In the INCOMING DIGITS field, enter ^303

Result: The ^ character is displayed on this screen, but not on the created RCs.

19 Press the Enter/Return key.

Result: The cursor is located in the first non-key field.

20 Do *one* of the following:

- If desired, change data in the non-key fields.
 - If you do not want to change data, continue with the next step.
-

21 Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

22 Click on the **TASK DONE** action button.

Result: The pending RCs are updated with 303 in front of the original value in the INCOMING DIGITS field.

END OF STEPS

Using the ! character

The ball bat (!) character (Shift 1) is used to blank out a field of data on a group of records in the shadow database. Typically it is used in conjunction with the MULT RC Power Tool. (Note that it cannot be used to blank out a field on a single record in the shadow database because it will not pass Level 1 validation.) Entering the ! character in any field while using the MULT RC power tool blanks out that field on all selected records. The (!) character can be placed in more than one field during the Power Tool operation.

A possible use of the ballbat (!) character would be to:

- Blank out data fields to change routing to vacant on a group of codes

Procedure To change a group of codes to vacant code treatment, do the following:

1 From the Classes menu, select the 9.3 View.

2 Enter query criteria – LDIT(s) and INCOMING DIGITS – for the records to be changed to vacant treatment as follows:

- a. Click on the **QUERY** action button.
- b. Enter data in the LDIT and INCOMING DIGITS key fields. For the INCOMING DIGITS field, you can use a pipe (222|444|555) or a range (200:209) on the desired records.
- c. Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

- d. Click on the **TASK DONE** action button.

Result: Records matching your query criteria are displayed.

- 3 Click on the **MULT RC** action button.

Result: One line for each key set is displayed in The Multiple pop-up window.

- 4 Do *one* of the following:

- If you want to change all of the key sets in the pop-up window, continue with the next step.
 - If you want to exclude any key set from being changed, change the Y associated with the entry to an N.
-

- 5 Click on the **ACCEPT** action button.
-

- 6 Enter an order name in the Order Number dialog box, and press the Enter/Return key.
-

- 7 Do *one* of the following:

- If you want to create the change RCs in a new order, click on the **NEW** action button.
 - If you want to add the change RCs to an existing order, click on the **APPEND** action button.
-

- 8 Click on the **CHANGE** action button.

Result: The cursor is located in the first non-key field.

- 9 Change the CALL TYPE field to VACANT.
-

- 10 Change the TYPE CI CALL to NONCI.

11 Enter the ! character to blank out the data from the other fields (*e.g.*, RTI, CODE INDEX, NPA, OFFCOD, *etc.*).

12 Enter required data in any of the other fields as needed.

13 Click on the **ACCEPT** action button.

Result: The Multi Page dialog box is displayed.

14 Click on the **TASK DONE** action button.

Result: Change RCs are created for all of the selected key sets. All of the fields where you entered the ! character have been blanked out.

END OF STEPS

Using Operators as Query Criteria

Table of Operators Use the operators in [Table A-1](#) to refine your query criteria and search for only those RC's with the specific values of interest.

Table A-1 Examples of Special Characters for Queries

Operator	Description	Field Type	Example	Results
=	Equal to	alphanumeric	Use to find RCs with a field that should have data but does not (<i>i.e.</i> , a blank field). Example: SEND LD CIC field on the 5.1 view does not have a default value. To find all of the RCs with the field SEND LD CIC, enter: SEND LD CIC =	Returns any record where field SEND LD CIC is blank.
>	Greater than	alphanumeric	Use to identify a value that is common across switches. Example: to find a common route index, enter: RTI >3000	Returns records in all selected switches that have a route index greater than 3000.
<	Less than	alphanumeric	See Greater Than. Example: to find all records that have field MXDE in the 9.6 View with a value of less than 15, enter: MXDE <15	Returns records in all selected switches that have a maximum number of digits less than 15.
<> !=	Not equal to	alphanumeric	Use to find all records except a particular value, that is, to <i>exclude</i> specific values from your query. Example: to find all records except those with TRIG NBR=5 or RTI=REGL, enter: TRIG NBR<>5, or RTI<>REGL	Returns records in all selected switches that have a TRIG NBR that is not equal to 5, or in the second example, all records with an RTI that is not equal to REGL.

Operator	Description	Field Type	Example	Results
:	Range	alphanumeric	Use to find records within a specific range. Example: to find class code records with a RAX between 7 and 9, enter: RAX 7:9	Returns records in all selected switches that have line class codes where the RAX is 7 to 9.
	Alternation (or) pipe	alphanumeric	Use to find more than one record when they do not fall within a range, that is values that are not contiguous. Allows you to display and compare records when the values are not sequential. Example: to find the specific LDITs 288, 333, 895, and 444 enter: LDIT...288 333 895 444	Returns records in all selected switches that have a value equal to any in the search string.
*	Wildcard	alpha	Use to substitute for some part of the search string. Example: to find all records with any value in the BILLING DN field, enter: BILLING DN * Example: to find all trunk groups that point to a particular tandem, enter: RMK *07T	Returns records in all selected switches that have a BILLING DN field, or in the second example, returns all records with a value in the RMK field that <i>ends</i> in 07T.
?	Wildcard	alpha	Use to find all entries of a specific length. Example: to find an LDIT where INCOMING DIGITS is three digits, enter: INCOMING DIGITS ???	Returns records in all selected switches that have INCOMING DIGITS equal to three digits.



B Exceptions for fields/views not being shadowed

Overview

Purpose This chapter provides policy regarding Fields and Views that are not shadowed in the 8950 VAM database.

The following topic is covered in this chapter:.

Read-Only Fields

B-2



Read-Only Fields

Purpose This section provides policy regarding the Read-Only fields.

Policy regarding Read-Only Fields In Alcatel-Lucent 5E shadow development, Verify-Only (Read-Only) fields are not updated by after-functions, nor any internal verifies (verifies sent from after-function) are performed because these verifies will unnecessarily increase the traffic on the RC links.

8950 VAM software "mimics" the 5E switch; therefore, the Read-Only fields will NOT be shadowed in the 8950 VAM database.

To see the current value of a read-only field on the 5E switch, and populate it into the 8950 VAM shadow database, send a verify RC through Translation Interface for that particular view.



Glossary

A ANCM

Access Node Configuration Management

API

Application Process Interface

APPLICATION

A collection of executable and configuration files that, when operated upon, provide a defined set of functionality.

B BASEWORX

BaseWorx application (BWX). This application is an integrated suite of tools used to develop and operate UNIX-based distributed applications in multivendor environment.

C CCP

Customer Care Platform

CORBA

Common Object Request Broker Architecture. This is a platform-independent protocol for interprocess communication. This is for communication at the API and application level and lower.

CPU

Central Processing Unit

CSL

Communication Software Launcher

CSR

Customer Service Representative

D DNS
Domain Name Server

E EMM
Element Mediation Module

F FILE SYSTEM
An operating system structure imposed on a media device, such as a disk drive, used for manipulating data.

FTP
File Transfer Protocol

G GUI
Graphical User Interface

H

I ICMS
Integrated Customer Management System

ISDN
Integrated Services Digital Network

J JDBC
JAVA Database Component

JDK
JAVA Development Kit

K

L LDS
Local Digital Switch

M MSIE
Microsoft Internet Explorer

N NPA/NXX
Numbering Plan Area/Office Code

O OA&M
Operations, Administration, and Maintenance

OA&M PLATFORM
see *XDP*.

OE
Originating Equipment

ORACLE
Oracle Database application used by 8950 VAM. It includes facilities for schemas, SQL, and data backup and recovery.

ORBIX
Orbix software provides and supports CORBA service for 8950 VAM.

OS
Operating System

P PARTITION
A bounded file system.

PLATFORM
An integrated set of software components that form a base on which applications can be developed.

PROCESS
A program from disk combined with the OS overhead necessary to support its execution.

Q

R RAM
Random Access Memory

RC

Recent Change

RCAT

Recent Change Action Table

S SAM

System Administration Manager

SECM

Switch Element Configuration Management

SERVER

The UNIX host machine that contains 8950 VAM and supporting software.

SQL

Structured Query Language

SO

Service Orders

T TCP/IP

Transmission Control Protocol/Internet Protocol. A transport protocol commonly used over a network. The 8950 VAM application currently supports TCP/IP only.

TN

Telephone Number

TNS LISTENER

The TNS Listener is a persistent daemon process, run by Oracle that “listens” to the 8950 VAM application for database commands and updates.

U UI

User Interface application. This application is responsible for providing each 8950 VAM user with a graphic interface to communicate with 8950 VAM.

UNIX

This is the OS application that provides an environment to govern how resources are used on the machine. Such resources include CPU, RAM memory, and secondary storage. The UNIX application also supports the execution of user-level programs. **HP-UX** is the UNIX OS developed by Hewlett Packard. 8950 VAM currently runs on **HP-UX**.

USFN

Universal Switch Feature Name

V

W

X XDP

Cross Domain Platform, also referred to as the *OA&M Platform*. This application is responsible for OA&M of the 8950 VAM application. It provides a communications facility that allows the 8950 VAM administrator to start and stop applications, dynamically trace the activity of a process, and provide interprocess communication between processes over well-known port numbers.

Y

Z

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