

AS/400e



Facsimile Support for AS/400 User's Guide

Version 4

AS/400e



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Version 4

Note

Before using this information and the product it supports, be sure to read the information in "Notices" on page ix.

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About Facsimile Support for AS/400 User's Guide (SC41-0655)

This book provides information on using the Facsimile Support for AS/400 product. The Facsimile Support for AS/400 product allows you to use industry-standard Group 3 fax node services to send or receive faxes to or from an AS/400 system.

The Facsimile Support for AS/400 product requires a **fax controller**. The fax controller can be any of the following:

- An **external fax controller**, typically a personal computer that is attached to the AS/400 system.

Personal computers that are attached to the AS/400 system control the telephone lines you use to send and receive faxes. Each personal computer operates as a dedicated fax controller supporting up to six fax telephone lines. (The number of slots available determines the number of lines a personal computer can support.)

The Facsimile Support for AS/400 product supports most 80386, 80486, and Integrated PC Server microchannel or non-microchannel personal computers as external fax controllers. Personal computers you can use are those that support the following:

- Operating System/2 operating system
- Communications Manager/2 and Communications Manager/400 communications software
- GammaLink programmable fax adapters
- An **internal fax controller** in the AS/400 system. The Integrated Fax Adapter (feature 2664) that is installed in the AS/400 system is an internal fax controller.
- A 7852-400 modem that is asynchronously attached to the AS/400 system. Unless otherwise indicated, information that applies to the internal fax controller also applies to the 7852-400 modem.
- One of the controllers defined on the PCI Based Integrated remote access adapter
 - 8 port Analog (feature 2761)
 - 4 port Remote Basic rate ISDN (feature 2750 and feature 2751)

Throughout this guide, the term *fax controller* applies to either the internal or external fax controller.

Who should read this book

AS/400 system programmers or application programmers who are responsible for integrating the Facsimile Support for AS/400 product into application programs should use this book. In addition, experienced AS/400 system users who want to send or receive faxes may find this book useful.

Conventions and terminology used in this book

This guide uses the following terms:

- *Fax support* refers to the Facsimile Support for AS/400 product or functions of this product.
- *Fax controller* applies to either the internal or external fax controller.

- *Personal computer* refers to any of the personal systems, or the ValuePoint personal computer, that the Facsimile Support for AS/400 product supports as external fax controllers.
- *Fax* indicates both of the following:
 - The unit that converts images to signals over a telephone system
 - The transmitted image that is duplicated on paper

The fax process involves scanning the image at the transmitter, reconstructing the image at the receiving station, and duplicating the image on paper.

Prerequisite and related information

Before using the Facsimile Support for AS/400 product, you should have some knowledge of the AS/400 system and the AS/400 control language (CL) commands. The following items describe other information you may need, depending on how you intend to use the Facsimile Support for AS/400 product.

- To send faxes from the AS/400 system, you should be familiar with how the AS/400 system creates printed output and places it on the output queues.
- To receive and print faxes, you need a general understanding of the functions provided by the advanced function printing support that is available on the AS/400 system.
- To receive and file faxes, you need an understanding of the document processing functions that the OfficeVision for AS/400 product provides.
- To set up an external fax controller, you need a basic understanding of the personal computer and the OS/2 operating system.

Use this book with the following publications:

- *Facsimile Support for AS/400 Installation Guide*, which provides instructions for installing and setting up the Facsimile Support for AS/400 product
- *Facsimile Support for AS/400 User's Guide*, which provides information for using the Facsimile Support for AS/400 product

For information about Advanced 36 publications, see the *Advanced 36 Information Directory*, SC21-8292-01 , in the AS/400 Softcopy Library.

For a list of related publications, see the “Bibliography” on page 185.

Use the AS/400 Information Center as your starting point for looking up AS/400 technical information. You can access the Information Center from the AS/400e Information Center CD-ROM (English version: SK37-2027) or from one of these Web sites:

<http://www.as400.ibm.com/infocenter>
<http://publib.boulder.ibm.com/pubs/html/as400/infocenter.htm>

The AS/400 Information Center contains important topics such as logical partitioning, clustering, Java, TCP/IP, Web serving, and secured networks. It also contains Internet links to Web sites such as the AS/400 Online Library and the AS/400 Technical Studio. Included in the Information Center is a link that describes at a high level the differences in information between the Information Center and the Online Library.

For a list of related publications, see the “Bibliography” on page 185.

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Chapter 1. Introducing the Facsimile Support for AS/400 Product

The IBM Facsimile Support for AS/400 product allows Application System/400 (AS/400) users to send and receive faxes on an AS/400 system network. The Facsimile Support for AS/400 product provides both a menu and Control Language (CL) command interface. AS/400 users can send output to or receive input from any Group 3 fax machine. The Facsimile Support for AS/400 product runs on the AS/400 system. Users work with fax machines in much the same way that they work with any input or output device on the system.

The following figure provides an overview of the Facsimile Support for AS/400 environment.

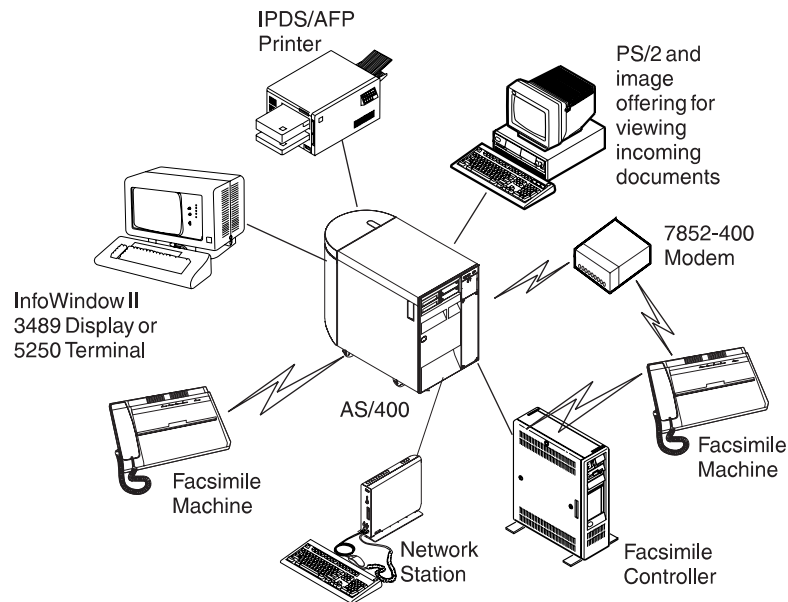


Figure 1. Facsimile Support for AS/400 Environment

The Facsimile Support for AS/400 product requires one or more fax controllers. It supports any combination of internal and external fax controllers. You can use one of the following connection types to connect external fax controllers to the AS/400 system:

- Local twinaxial connection
- Token-ring local area network (LAN)
- Ethernet LAN

For more information on the requirements for the Facsimile Support for AS/400 product, and for installation instructions, see the *Facsimile Support for AS/400 Installation Guide*.

Authority Requirements

Before you can use the Facsimile Support for AS/400 product, you must have at least *USE level authority to the QUSRSYS library on the AS/400 system. This applies to all Facsimile Support for AS/400 administrators and users.

Using Enhanced Services

The Facsimile Support for AS/400 product provides both user and application interfaces. You can perform most of the Facsimile Support for AS/400 functions you need through menus or commands. **Enhanced Services** provides menus from which you can perform most of the functions you need. Enhanced Services presents a consistent interface between the Facsimile Support for AS/400 product and the OfficeVision for AS/400 product and other applications.

Enhanced Services provides the following functions:

- Fax user profiles for allowing AS/400 users to customize fax support
- A fax master directory for storing and accessing fax telephone numbers and customized cover page information to put on each outbound fax
- Support for distribution lists
- Support for creating a fax note
- An interactive interface for tracking the status of outbound faxes
- Automatic routing and processing of inbound faxes, based on Transmitting Subscriber Identification (TSI), Dual Tone Multi-Frequency (DTMF) data, or Direct Inward Dial (DID)

Enhanced Services provides an interface for the OfficeVision for AS/400 product. This interface allows you to use fax functions for OfficeVision for AS/400 notes, mail items, and documents. Enhanced Services includes an option to fax a document and to call a user-supplied program to view an image. You can use this option to view faxes that you previously received and stored in a folder as an image document.

For complete information on how you can use the Enhanced Services to work with the OfficeVision for AS/400 product, see “Chapter 10. Fax Features within OfficeVision for AS/400” on page 123.

Note: Some additional programming is required for OfficeVision for AS/400 users. See the *Facsimile Support for AS/400 Programmer’s Guide and Reference* for programming considerations.

Setting Up the Facsimile Support for AS/400 Product

You must install the Facsimile Support for AS/400 product before you can use it. Once installed, you can set up and customize the Facsimile Support for AS/400 product to meet the needs of your business. The Facsimile Support for AS/400 administration functions allow you to do this. The administration functions are available only to users that are identified as fax administrators. For instructions on installing and customizing the Facsimile Support for AS/400 product, see the *Facsimile Support for AS/400 Installation Guide*.

Understanding Fax Profiles

Enhanced Services requires a Facsimile Support for AS/400 user to have a fax profile. The fax profile is a file that contains information about the user. The Facsimile Support for AS/400 product uses this information when processing fax requests. For more information, see “Chapter 3. Fax Profiles” on page 17.

Understanding Fax Distribution Lists

You can create a fax distribution list you can use to send a fax to a specific group of users. The fax distribution list contains a subset of the fax master list entries. You can have any number of fax distribution lists. See “Chapter 5. Fax Distribution Lists” on page 47 for information on creating and maintaining fax distribution lists.

Understanding the Fax Master List

Enhanced Services uses a fax master list to store frequently used distribution information. The fax master list is much like a telephone directory for the system. It contains information for each company destination. This information includes an identifier (customer number), and specific entries for either separate individuals or departments within that company.

You can create fax distribution lists from entries that are found in the fax master list. To send a fax to a destination that is not included in the fax master list, specify that destination when you send the fax.

If you are not using Enhanced Services, you cannot use the fax master list. Instead, you must specify the destination information when you send the fax. For more information on using the fax master list, see “Chapter 4. Fax Master List” on page 31.

Sending a Fax

The Facsimile Support for AS/400 product uses AS/400 print support to send faxes. Fax support sends your fax information as a spooled file, just as if that information was to be printed.

When you send a fax, you must provide the name of the spooled file, as well as the destination information. If you specify a fax distribution list, fax support uses the destination information in that list. You can also specify the following when you send a fax:

- Cover page information. You can include a previously created cover page, or specify text for the cover page (such as the title, to information, from information, and comments).
- The date and time for the fax to be sent.
- A user message queue or data queue to receive fax completion status, or both.
- A specific fax description for use in sending the fax. However, you cannot specify a specific port for use in sending the fax.

When the Facsimile Support for AS/400 product processes the fax, it performs the following tasks:

- Creates the cover page
- Sends the cover page and spooled file to the specified destinations
- Sends completion messages to the specified user message queue and data queue
- Updates the fax transaction log database file

For more information about sending a fax, see “Chapter 7. Sending a Fax” on page 63 .

Receiving a Fax

Using the Facsimile Support for AS/400 product to receive a fax is similar to scanning an image. The telephone lines that are associated with fax support receive the faxes. Fax support then places them in a member within an AS/400 database file. You can then use Facsimile Support for AS/400 functions to file, print, or delete received faxes.

For more information about receiving a fax, see “Chapter 9. Inbound Features of Enhanced Services” on page 93.

Routing Inbound Faxes

The Facsimile Support for AS/400 product allows you to route faxes that are received from a particular destination to one or more AS/400 users. You can route faxes in one of the following ways:

- Using received codes, such as Dual Tone Multi-Frequency (DTMF) codes, that are based on tones that are sent from the sending fax machine. DTMF routing uses touchtone dialing sequences as routing codes. For example, you might use a telephone extension or department number to route faxes to a particular fax recipient.
- Using transmitting subscriber identification (TSI) information. A fax machine that is configured to use TSI routing sends faxes with associated TSI routing codes. The receiving fax controller then uses the TSI routing codes to route incoming faxes to specific users.
- Using direct inward dialing (DID). You can use a combination of DTMF codes and DID to route faxes.

Chapter 2. Using the Facsimile Support for AS/400 Product

You can perform Facsimile Support for AS/400 functions in any of the following ways:

- Using the Facsimile Support for AS/400 menus
- Using Facsimile Support for AS/400 control language (CL) commands that are entered on a command line
- Using Facsimile Support for AS/400 commands issued from a business application

This guide shows you how to use the Facsimile Support for AS/400 menus. For command descriptions and information on how to use Facsimile Support for AS/400 functions through a business application, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

Getting Started

To use the Facsimile Support for AS/400 product, type the following command from any AS/400 command line and press the Enter key:

```
GO FAX
```

The Facsimile Support for AS/400 main menu appears.

Note: To use the Facsimile Support for AS/400 product, you must have at least *USE authority to library QUSRSYS on the AS/400 system.

Using the Facsimile Support for AS/400 Main Menu

The options on the Facsimile Support for AS/400 main menu allow you to perform administration functions, or work with fax profiles, master lists, distribution lists, and faxes.

FAX

Facsimile Support for AS/400

Select one of the following:

1. Administration
2. Fax Profiles
3. Fax Master List
4. Fax Distribution List
5. Outbound Fax Commands
6. Inbound Fax Commands
7. Fax User Menu

Selection or command

==>

F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant
F16=System main menu

The following sections describe the options on the Facsimile Support for AS/400 main menu.

Administration Option

To perform administrator tasks for customizing the Facsimile Support for AS/400 product, select option 1 (Administration) on the Facsimile Support for AS/400 main menu and press the Enter key. Your fax profile must define you as a fax administrator before you can perform some of these tasks. For more information about fax administrator tasks, see the *Facsimile Support for AS/400 Installation Guide*.

Fax Profiles Option

To display the Fax Profile options, select option 2 (Fax Profiles) on the Facsimile Support for AS/400 main menu and press the Enter key. This displays the Fax Profile menu.

FAXPRF	Fax Profiles
Select one of the following:	
<ol style="list-style-type: none"> 1. Work with Fax Profiles 2. Create Fax Profile 3. Edit Fax Profile 	
Selection or command	
===> _____	
F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant F16=System main menu	

The following options are available for working with fax profiles.

1 = Work with Fax Profiles

This option presents the Work with Fax Profiles display. From this display, you can create, edit, copy, remove, display, and print fax profiles. See “Working with Fax Profiles” on page 20 for additional information. Choosing this option is the same as entering the Work with Fax Profiles (WRKFAXPRF) command.

2 = Create Fax Profile

This option creates fax profiles from all AS/400 user profiles. For each fax profile created, this option uses the AS/400 user profile description for the description of the fax profile and the first FROM line on the default cover page. See “Creating Fax Profiles from AS/400 User Profiles” on page 18 for additional information. Choosing this option is the same as entering the Create Fax Profile (CRTFAXPRF) command.

3 = Edit Fax Profile

This option allows you to edit your own fax profile. See “Editing Fax Profiles” on page 25 for additional information. Choosing this option is the same as entering the Edit Fax Profile (EDTFAXPRF) command.

For detailed information about the fax profile commands, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*. For more information on fax profiles, see “Chapter 3. Fax Profiles” on page 17.

Fax Master List Option

There is one fax master list on the AS/400 system. This master list is much like a telephone directory; each entry contains information about an individual or business to or from whom you routinely fax information. You can create distribution lists from these entries so that you can send the same fax to more than one destination.

A default entry exists for each master list entry. This default entry might be the main fax number for a business. You can then add additional entries, such as entries for specific departments within that business, to the default entry.

For example, the default fax master list entry might be ABC Office Furniture. You could add additional entries for the Order Entry, Accounts Payable, and Service departments within ABC Office Furniture.

To work with a fax master list, select option 3 (Fax Master List) on the Facsimile Support for AS/400 main menu and press the Enter key. This displays the Fax Master List menu.

```
FAXMST                               Fax Master List

Select one of the following:

    1. Work with Fax Master List
    2. Create Fax Master List Entry
    3. Remove Fax Master List Entry
    4. Change Master List Entry Owner
    5. Grant Master List Entry Authority

Selection or command
===>

-----
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
```

The following Fax Master List options are available.

1 = Work with Fax Master List

This option presents the Work with Fax Master List display. From this display, you can update destinations and entries in the fax master list. See “Working with the Fax Master List” on page 32 for additional information. Choosing this option is the same as entering the Work with Fax Master List (WRKFAXMST) command.

2 = Create Fax Master List Entry

This option allows you to create a new entry in the fax master list. See “Creating Destination Entries” on page 36 for additional information. Choosing this option is the same as entering the Create Fax Master List Entry (CRTFAXMLE) command.

3 = Remove Fax Master List Entry

This option removes a fax master list entry and all other dependent information. See “Removing Destination Entries” on page 39 for additional information. Choosing this option is the same as entering the Remove Fax Master List Entry (RMVFAXMLE) command.

4 = Change Fax Master List Entry Owner

This option allows you to change the owner of a fax master list entry. See “Changing the Owner of a Fax Master List Entry” on page 44 for additional information. Choosing this option is the same as entering the Change Fax Master List Entry Owner (CHGMLEOWN) command.

5 = Grant Master List Entry Authority

This option allows you to give another user specific authority to a fax master list entry. See Granting Authority to a Fax Master List Entry for

additional information. Choosing this option is the same as entering the Grant Master List Entry Authority (GRTMLEAUT) command.

For detailed information about the fax commands, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*. For more information on fax master lists, see "Chapter 4. Fax Master List" on page 31.

Fax Distribution List Option

To work with fax distribution lists, select option 4 (Fax Distribution List) on the Facsimile Support for AS/400 main menu and press the Enter key. This displays the Fax Distribution List menu.

```
FAXDST                               Fax Distribution List

Select one of the following:

    1. Work with Fax Distribution Lists
    2. Create Distribution List
    3. Edit Fax Distribution List
    4. Remove Fax Distribution List
    5. Change Distribution List Owner
    6. Grant Distribution List Authority
    7. Add Distribution List Entry
    8. Remove Fax Distribution List Entry

Selection or command
===> _

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
```

The following Fax Distribution List options are available.

1 = Work with Fax Distribution Lists

This option presents the Work with Fax Distribution Lists display. From this display, you can create, delete, and add entries to a distribution list. See "Working with Fax Distribution Lists" on page 47 for additional information. Choosing this option is the same as entering the Work with Fax Distribution Lists (WRKFAXDST) command.

2 = Create Fax Distribution List

This option creates an empty fax distribution list. See "Creating a Fax Distribution List" on page 52 for additional information. Choosing this option is the same as entering the Create Fax Distribution List (CRTFAXDST) command.

Once you have created a distribution list, you can add entries to the list. Use option 7 (Add Fax Distribution List Entry) on the Fax Distribution List menu to do so.

3 = Edit Fax Distribution List

This option allows you to edit the name and description of an existing fax distribution list. See "Editing Distribution List Authority" on page 51 for additional information. Choosing this option is the same as entering the Edit Fax Distribution List (EDTFAXDST) command.

4 = Remove Fax Distribution List

This option removes a fax distribution list and all associated entries. See “Removing a Distribution List” on page 53 for additional information. Choosing this option is the same as entering the Remove Fax Distribution List (RMVFAXDST) command.

5 = Change Fax Distribution List Owner

This option allows you to change a distribution list owner. See “Changing a Fax Distribution List Owner” on page 54 for additional information. Choosing this option is the same as entering the Change Fax Distribution List Owner (CHGDSTOWN) command.

6 = Grant Fax Distribution List Authority

Use this option to give a user specific authority to a distribution list. See “Changing a Distribution List Description” on page 50 for additional information. Choosing this option is the same as entering the Grant Fax Distribution List Authority (GRTDSTAUT) command.

7 = Add Fax Distribution List Entry

Use this option to add an existing fax master list entry to a fax distribution list. See “Adding a Distribution List Entry” on page 56 for additional information. Choosing this option is the same as entering the Add Fax Distribution List Entry (ADDFAXDLE) command.

8 = Remove Fax Distribution List Entry

This option removes an existing fax master list entry from a distribution list. See “Removing a Distribution List Entry” on page 56 for additional information. Choosing this option is the same as entering the Remove Fax Distribution List Entry (RMVFAXDLE) command.

For detailed information about the fax commands, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*. For more information on fax distribution lists, see “Chapter 5. Fax Distribution Lists” on page 47.

Outbound Fax Commands Option

To work with outbound faxes, select option 5 (Outbound Fax Commands) on the Facsimile Support for AS/400 main menu and press the Enter key. This displays the Outbound Fax Commands menu.

FAXOUT

Outbound Fax Commands

Select one of the following:

1. Work with Fax Output Queue
2. Work with Fax File Attributes
3. Change Fax File Attributes
4. Delete Fax File
5. Send Fax

Enhanced Services:

21. Create Fax Note
22. Check Fax Status
23. Print Fax Status
24. Submit Fax

Selection or command

==>

F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant
F16=System main menu

This menu has two sections:

- Main fax support functions (options 1-5)
- Enhanced Services functions (options 21-24)

The following outbound fax options are available.

1 = Work with Fax Output Queue

This option displays a list of spooled files and the file status for an output queue. Choosing this option is the same as entering the Work with Fax Output Queue (WRKFAXQ) command. This command is similar to the Work with Output Queue (WRKOUTQ) command; it displays a list of spooled files and file status. This option allows you to access fax information (if any) and to fax a spooled file.

2 = Work with Fax File Attributes

This option allows you to work with the current attributes of the specified spooled file in the output queue QFFSNDFAX in library QUSRSYS. Choosing this option is the same as entering the Work with Fax File Attributes (WRKFAXFA) command.

3 = Change Fax File Attributes

This option allows you to change the attributes of a spooled file that contains a fax. The QFFSNDFAX output queue in the QUSRSYS subsystem contains this file. Choosing this option is the same as entering the Change Fax File Attributes (CHGFAXFA) command.

4 = Delete Fax File

Use this option to delete the specified spooled file from the system. The file must exist in one of the following output queues:

- QFFSNDFAX
- QFFSNDSAV
- QFFSNDERR

Choosing this option is the same as entering the Delete Fax File (DLTFAXF) command.

5 = Send Fax

This option sends a fax in a spooled file to one or more recipients. Choosing this option is the same as entering the Send Fax (SND FAX) command. If you use this option, you cannot use the Check Fax Status (CHK FAXSTS) command to check the status of your fax.

21 = Create Fax Note

This option allows you to create a note to fax. The fax note can be up to 10 pages long, with 60 lines per page. Each line can be 75 characters wide. Fax support deletes this note as soon as you send the fax. Choosing this option is the same as entering the Create Fax Note (CRT FAXNOTE) command.

22 = Check Fax Status

This option allows you to check the status of outbound faxes for a particular user. Choosing this option is the same as entering the Check Fax Status (CHK FAXSTS) command.

23 = Print Fax Status

This option allows you to print a report of outbound or inbound fax requests. You can specify the level of detail you want printed in the report. Choosing this option is the same as entering the Print Fax Status (PRT FAXSTS) command.

24 = Submit Fax

This option allows you to transmit a fax request to one or more destinations. The request can be handled in interactive or batch mode. Choosing this option is the same as entering the Submit Fax (SBM FAX) command.

For detailed information about the fax commands, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*. For more information on outbound faxes, see "Chapter 7. Sending a Fax" on page 63, and "Chapter 8. Monitoring the Status of Outbound Faxes" on page 77.

Inbound Fax Commands Option

To work with inbound faxes, select option 6 (Inbound Fax Commands) on the Facsimile Support for AS/400 main menu and press the Enter key. This displays the Inbound Fax Commands menu.

FAXIN

Inbound Fax Commands

Select one of the following:

1. Work with Faxes
2. File Fax
3. Print Fax
4. Delete Fax

Enhanced Services:

21. Work with Received Faxes
22. Work with TSI Routing
23. Print Fax Status

Selection or command

==>

F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant
F16=System main menu

This menu has two sections:

- Main Facsimile Support for AS/400 functions (options 1-4)
- Enhanced Services functions (options 21-23)

The following inbound fax options are available. For detailed information about the fax commands, see *Facsimile Support for AS/400 Programmer's Guide and Reference*.

1 = Work with Faxes

This option displays a list of inbound faxes. From this list, you can file, delete, and print faxes, as well as change their descriptions. Choosing this option is the same as entering the Work with Faxes (WRKFAX) command.

2 = File Fax

This option files a fax as a document within a folder. Choosing this option is the same as entering the File Fax (FILFAX) command.

3 = Print Fax

This option prints a fax. The printer you are using must support Advanced Function Printing (AFP). Choosing this option is the same as entering the Print Fax (PRTFAX) command.

4 = Delete Fax

This option deletes one or more inbound faxes from the fax database file. Choosing this option is the same as entering the Delete Fax (DLTFAX) command.

21 = Work with Received Faxes

This option allows you to display, resend, delete, or file an inbound fax. Choosing this option is the same as entering the Work with Received Faxes (WRKRCVFAX) command.

22 = Work with TSI Routing

This option allows you to create, change, and delete TSI routing entries for faxes. Choosing this option is the same as entering the Work with TSI Routing (WRKTSIRTG) command.

23 = Print Fax Status

This option allows you to print a report of outbound or inbound fax requests.

You can specify the level of detail you want printed in the report. Choosing this option is the same as entering the Print Fax Status (PRTFAXSTS) command.

For more information on inbound faxes, see “Chapter 9. Inbound Features of Enhanced Services” on page 93.

Fax User Menu Option

To display the Fax User Menu options, select option 7 (Fax User Menu) on the Facsimile Support for AS/400 main menu and press the Enter key. This displays the Fax User Menu.

```
FAXUSR                               Fax User Menu

Select one of the following:

    1. Fax Operator Messages
    2. Work with Faxes

Enhanced Services:
    21. Create Fax Note
    22. Check Fax Status
    23. Work with Fax Master List
    24. Work with Fax Distribution List
    25. Work with Received Faxes
    26. Print Fax Status
    27. Edit Fax Profile

    40. Convert Fax Documents

Selection or command
===> _____

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
```

The Fax User Menu allows you to work with all of the Facsimile Support for AS/400 user functions. This menu has two sections:

- Main Facsimile Support for AS/400 functions (options 1 and 2)
- Enhanced Services functions (options 21-27 and 40)

The following list describes these user options. In most cases, selecting an option from this menu is the same as entering a fax CL command. For detailed information on the fax commands, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

1 = Display Fax Operator Messages

This option displays fax messages. These are the messages that are sent to the QFAXOPR message queue.

2 = Work with Faxes

This option allows you to display a list of inbound faxes. From this list you can file, delete, print, and change the description of inbound faxes. Choosing this option is the same as entering the Work with Faxes (WRKFAX) command.

21 = Create Fax Note

The Create Fax Note option allows you to create a note to fax to another user. Choosing this option is the same as entering the Create Fax Note (CRTFAXNOTE) command. A fax note can be up to 10 pages long, with 60

lines per page. Each line can be 75 characters wide. Fax support deletes the note as soon as you send it. For more information on creating a fax note, see “Chapter 6. Creating a Fax Note” on page 59.

22 = Check Fax Status

The Check Fax Status option allows you to check the status of outbound faxes for a particular user. Choosing this option is the same as running the Check Fax Status (CHKFAXSTS) command. See “Chapter 8. Monitoring the Status of Outbound Faxes” on page 77, for additional information.

23 = Work with Fax Master List

The Work with Fax Master List option presents the Work with Fax Master List display. From this display, you can update destinations and entries in the fax master list. Choosing this option is the same as entering the Work with Fax Master List (WRKFAXMST) command. For more information on working with the fax master list, see “Chapter 4. Fax Master List” on page 31.

24 = Work with Fax Distribution Lists

The Work with Fax Distribution Lists option presents the Work with Fax Distribution Lists display. From this display, you can create, delete, and add entries to a distribution list. Choosing this option is the same as entering the Work with Fax Distribution Lists (WRKFAXDST) command. For more information about fax distribution lists, see “Chapter 5. Fax Distribution Lists” on page 47.

25 = Work with Received Faxes

The Work with Received Faxes option allows you to file, remove, print, and view faxes you have authority to. You can work with faxes that you received today, or specify a date or time. You must have a fax profile to use this option. Choosing this option is the same as entering the Work with Received Faxes (WRKRCVFAX) command.

26 = Print Fax Status

The Print Fax Status option produces a printed report of outbound or inbound fax requests. You can specify the level of detail you want printed in the report. Choosing this option is the same as entering the Print Fax Status (PRTFAXSTS) command. See “Printing the Fax Status Report” on page 89 for more information.

27 = Edit Fax Profile

The Edit Fax Profile option allows you to edit your fax profile. Choosing this option is the same as entering the Edit Fax Profile (EDTFAXPRF) command. For more information on fax profiles, see “Chapter 3. Fax Profiles” on page 17.

40 = Convert Fax Documents

The Convert Fax Document option allows you to convert fax documents from one type to another. Choosing this option is the same as entering the Convert Fax Document (CVTFAXDOC) command. See “Converting Fax Documents” on page 127 for more information.

Chapter 3. Fax Profiles

This chapter describes how to create and maintain a fax profile. A fax profile contains information about a fax user. The Facsimile Support for AS/400 product uses this information when processing fax commands. The fax profile provides the following information:

- Cover page
- Cover page printer file
- Default send time
- Name of the program used to display images
- Routing code for received faxes

Every AS/400 system user who needs to use Enhanced Services to send or receive faxes must have a fax profile. Using the Facsimile Support for AS/400 product, you can perform the following tasks:

- Create a fax profile for all AS/400 users, based on user profile information
- Use the Work with Fax Profiles display to copy an existing fax profile
- Create an individual profile from the Work with Fax Profiles display
- Use the Edit Fax Profile (EDTFAXPRF) command to create an individual profile for a user who is currently signed on

You must be a fax administrator to display or work with a fax profile other than your own.

You can use the following displays to change fax profiles:

- The Work with Fax Profiles display allows administrators to use option 2 (Edit) to change any fax profile.
- The Edit Fax Profile display allows you to change your own fax profile.

To work with fax profiles, select option 2 (Fax Profiles) on the Facsimile Support for AS/400 main menu and press Enter key. This displays the Fax Profiles menu.

FAXPRF	Fax Profiles
Select one of the following:	
<ol style="list-style-type: none"> 1. Work with Fax Profiles 2. Create Fax Profile 3. Edit Fax Profile 	
Selection or command	
===> _____	
F3=Exit F4=Prompt F9=Retrieve F12=Cancel F13=Information Assistant	
F16=System main menu	

Creating Fax Profiles from AS/400 User Profiles

The Create Fax Profile (CRTFAXPRF) command uses information in the AS/400 user profile to create or update fax profiles. The AS/400 user profile is used for the fax profile description and the FROM line on cover pages.

How you can use the CRTFAXPRF command depends on whether you are a fax administrator. Only a fax administrator can create or change another user's fax profile. The following authority rules apply when you use the CRTFAXPRF command:

- If you are not a fax administrator, you can create or replace only your own fax profile.
- If you are a fax administrator, you can create or replace a fax profile for all AS/400 users for which you are authorized. If you also have *ALLOBJ special authority, you can use this command to create or replace a fax profile for any AS/400 user profile.

Type CRTFAXPRF on any command line and press F4 (Prompt), or select option 2 (Create Fax Profile) on the Fax Profiles menu. The Create Fax Profile (CRTFAXPRF) display appears.

Create Fax Profile (CRTFAXPRF)

Type choices, press Enter.

Replace current fax profile . . *NO_ *NO, *YES

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

If you are a fax administrator, the Facsimile Support for AS/400 product performs the following functions, depending on which parameter you chose for the CRTFAXPRF command.

- *YES** For **all** AS/400 user profiles, fax support creates a fax profile. Fax support copies from the AS/400 user profile the text for the FROM line and the fax profile description fields from the TEXT parameter. If a fax profile already exists, fax support replaces these fields.
- *NO** Fax support creates a fax profile for **every** AS/400 user who currently does not have one. Fax support copies the text for the FROM line and the fax profile description from the TEXT parameter of the AS/400 user profile. If a fax profile already exists, fax support does not replace it.

Default Fax Profiles

When you create fax profiles for multiple users, the existing authority level for each user determines the resulting fax profile. A fax profile created for a user with *SECOFR authority is a fax administrator profile. If the user's AS/400 profile does not have *SECOFR authority, fax support uses the defaults shown on the following display when creating the fax profile:

```

Profile information:
Profile name . . . . . : _____
Description . . . . . : _____
Environment . . . . . : 2          1=Basic, 2=Enhanced
Routing code . . . . . : _____

Cover Page Information:
Create cover page . . . . . : 1          1=Yes, 2=No
Fax title . . . . . :
From lines . . . . . :

Comment . . . . . :
Printer file . . . . . : QPFFCVP
Library . . . . . : QFAX
Completion Acknowledgment:
Send message . . . . . : 1          1=Yes, 2=No
Message type . . . . . : 1          1=User, 2=Break, 3=Mail
Transmission mode . . . . . : 1          1=Fine, 2=Normal
Fax Description . . . . . : *ANY

Send time . . . . . : *CURRENT

View Fax Image:
Program . . . . . :
Library . . . . . :

```

Working with Fax Profiles

The Work with Fax Profiles display allows you to maintain fax profile information. This display appears when you do one of the following:

- You enter the Work with Fax Profiles (WRKFAXPRF) command on any command line
- You choose option 1 (Work with Fax Profiles) on the Fax Profiles menu

```

Work with Fax Profiles

Position to . . . . . _____

Type option, press Enter.
  2=Edit      3=Copy      4=Remove      5=Display
  6=Print     8=Routing entries 14=Authority

Opt Fax Profile Description

— ANDERSON Fax Profile for Anderson
— JONES Fax Profile for Jones
— HILLER Fax Profile for Hiller

F3=Exit F5=Refresh F6=Create F12=Cancel

```

If you are a fax administrator, all of the fax profiles appear in alphabetical sequence by user profile name. If you are not a fax administrator, the list shows only your own fax profile. You can do one of the following:

- Use the Page Up and Page Down keys to scroll through the list
- Type all or part of the user name in the *Position to* prompt

Type the number of the option you want to use in the *Opt* (option) field for the fax profile you want to work with. Press the Enter key. You can use any of the following options:

- 2 (Edit) to edit a fax profile
- 3 (Copy) to copy a fax profile
- 4 (Remove) to remove a fax profile
- 5 (Display) to display a fax profile
- 6 (Print) to print a fax profile
- 8 (Routing entries) to work with the routing entries for a fax profile
- 14 (Authority) to work with the authority for a fax profile

These options are described in further detail later in this chapter.

Creating Individual Fax Profiles

To add a new fax user, use the Create Fax Profile display. Press F6 (Create) on the Work with Fax Profiles display. The Create Fax Profile display appears. Use the Page Up and Down keys to view additional prompts.

Create Fax Profile

Type choices, press Enter.

Profile Information:

Profile name	_____	
Description	_____	
Administrator	2	1=Yes, 2=No
Environment	2	1=Basic, 2=Enhanced
Routing Code	_____	
Public authority	*USE_____	*ALL, *CHANGE, *USE, *EXCLUDE

Cover Page Information:

Create cover page	1	1=Yes, 2=No
Fax title	_____	
From lines	_____	

Comment line	_____	

Printer file *QPFFCVP*_____ *QPFFCVP*, Name

Library *QFAX*_____ *QFAX*, *CURLIB, Name

More...

F3=Exit F12=Cancel

Create Fax Profile

Type choices, press Enter.

Completion Acknowledgment:

Send message	<i>1</i>	1=Yes, 2=No
Message type	<i>1</i>	1=User, 2=Break, 3=Mail

Transmission mode	<i>1</i>	1=Fine, 2=Normal
Fax Description	<i>*ANY</i> _____	<i>*ANY</i> , Name or F4 for list
Send Time	<i>*CURRENT</i>	<i>*CURRENT</i> , Time

View Fax Image:

Program	_____	Name
Library	_____	Name, *CURLIB, *LIBL

F3=Exit F4=Prompt F12=Cancel

Use the Create Fax Profile displays to enter the following information for the new fax user:

Profile Information

Enter the fax profile name and description for the user profile you want to create.

Profile name

Specify the fax profile name. This name should be the same as the user profile for the AS/400 system sign on. This is a required field.

Description

Enter a description of the fax profile.

Administrator

The Administrator field determines if the user can create, edit, or delete fax profiles, start and end Enhanced Services, or perform other Enhanced Services functions. Specifying 1=Yes authorizes the user to perform fax administrator functions. Specifying 2=No means that the user is not authorized to perform fax administrator functions.

Environment

The environment determines how the Facsimile Support for AS/400 Enhanced Services transmits a fax from the Work with Fax Output Queue display.

1=Basic

By default, fax support uses the SNDFAX command when transmitting a fax.

2=Enhanced

By default, fax support uses the SBMFAX command when transmitting a fax. This command provides additional parameters for better control and tracking of the transmission.

Routing Code

Specifying a routing code for the fax profile allows fax support to route inbound faxes to a specific user. The routing code must

contain numeric data from 1 to 10 digits in length. The routing code must be unique; no other fax profile can have the same routing code.

Public Authority

Specifies the public authority that is granted to this fax profile.

***USE** Users can read or display the fax profile. If you do not specify a value for public authority, *USE is assumed.

***ALL** Users can read, display, update, or delete the fax profile.

***CHANGE**

Users can read, display, or update the fax profile.

***EXCLUDE**

Users cannot perform any operations on the fax profile.

Cover Page Information

Fax support uses this information for automatic generation of cover pages for outbound faxes. You can override this information at the time you create the fax for transmission.

Create cover page

Specify 1 (Yes) if you want a cover page created. If so, you should complete the remaining cover page information. Fax support automatically creates a cover page unless you change this value to 2.

Specify 2 (No) if you do not want to create a cover page. Any information you specify for the remaining cover page fields is not used.

Fax title

Specify a title for cover page.

From lines

Use this space to describe the sender of the fax.

Comment line

Use this space to add comments to the cover page.

Printer file/library

Specify the name of the printer file and library to use when creating a cover page. You can use an overlay with the printer file. QFAX/QPFFCVP is the default cover page for the Facsimile Support for AS/400 product. For information on cover page overlays, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

Completion Acknowledgment

Specify whether you want fax support to send you acknowledgment messages, and what type the messages should be.

Send message

Specifies whether fax support should send you an acknowledgment.

- Specify 1 (Yes) if you want an acknowledgment sent. The acknowledgment includes:
 - Destination
 - Identifier
 - Destination entry
 - Fax number that is used

- Description of the fax
- Spooled file name
- Job name
- Job number
- Spooled file number
- Specify 2 (No) if you do not want an acknowledgment.

Message type

This option allows the user to select the type of acknowledgment message to send.

1=User

Using the user's default message delivery mode, fax support sends a completion message to the user who originated the fax transmission.

2=Break

Fax support sends the completion message as a break message to the user who originated the fax transmission.

3=Mail

Fax support sends the completion message to the user's mail.

Transmission mode

Specifies the transmission mode to use when sending the fax.

- Specify 1 to send the fax in fine mode. In fine mode, resolution of the outbound fax is 203 dots per horizontal inch by 196 dots per vertical inch. Fine mode produces a better quality fax than normal mode. Fine mode is the default transmission mode.
- Specify 2 to send the fax in normal mode. In normal mode, the resolution of the outbound fax is 203 dots per horizontal inch by 98 dots per vertical inch. Normal mode uses less transmission time than fine mode.

Fax Description

Specifies the name of the fax controller to use when sending a fax.

Specify the name of an existing fax controller to use when sending a fax. You can specify *ANY to use the first available fax controller. For a list of the controllers and their status, press the F4 key.

Send Time

Specifies the time to send the fax.

- Specify *CURRENT to send the fax immediately (if an outbound fax line is available) or as soon as an outbound fax line becomes available. Unless you specify a send time, fax support automatically sends the fax immediately.
- To send the fax a specific time, specify the send time. After the specified time, fax support sends the fax as soon as an outbound fax line becomes available. Specify the send time in a 24-hour format, with or without time separators. For example, the time 24:00:00 is not valid.

The fax transmission time is determined in the following sequence:

- If the destination has a send time specified in the fax master list entry, fax support uses that time.
- If you do not specify a send time for the destination, fax support uses the send time that you specified in the fax profile.

- If you do not specify a send time for the destination or in your fax profile, fax support uses the current time for this fax request.
- If the destination has a send time specified in the Fax Master List Entry and in the Fax Profile, Fax Support uses the time specified in the Fax Master List Entry.

View Fax Image

You can use an image software package to view received faxes. To do so, enter the name of the program and library to call when you use the view image option on the Work with Received Faxes display or the OfficeVision for AS/400 Documents display. For a sample view image program, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

When you have completed the Create Fax Profile displays, press the Enter key to create the profile or press F12 to cancel.

Editing Fax Profiles

From the Work with Fax Profiles display, you can edit an existing fax profile. Select option 2 (Edit) for the fax profiles you want to edit. The Edit Fax Profile display appears.

```

                                Edit Fax Profile

Type choices, press Enter.

Profile Information:
Profile name . . . . . JONES
Description . . . . . Fax Profile for Jones_____
Administrator . . . . . 2                      1=Yes, 2=No
Environment . . . . . 2                      1=Basic, 2=Enhanced
Routing code . . . . . _____

Cover Page Information:
Create cover page . . . . . 1                  1=Yes, 2=No
Fax title . . . . . _____
From lines . . . . . Fax from Joe Jones_____
                               Dept 8K, Management Support_____
                               Valleyville, OR_____
Comment line . . . . . For Your Information_____

Printer file . . . . . QPFFCVP_____          QPFFCVP, Name
Library . . . . . QFAX_____                QFAX, *CURLIB, Name

                                More . . .

F3=Exit  F12=Cancel
  
```

This display shows the current fax profile information for the user. You can change any information on the display, except the user name. For a description of the fields on this display, see "Creating Individual Fax Profiles" on page 21.

Use Page Up and Page Down keys to view additional prompts.

```

Edit Fax Profile

Type choices, press Enter.

Completion Acknowledgment:
  Send message . . . . . 1          1=Yes, 2=No
  Message type . . . . . 1          1=User, 2=Break,
                                       3=Mail

Transmission mode . . . . . 1          1=Fine, 2=Normal

Fax Description . . . . . *ANY____  *ANY, Name, or F4 for list

Send Time . . . . . *CURRENT         *CURRENT, Time

View Fax Image:
  Program . . . . . VIEWIMAGE____  Name
  Library . . . . . *LIBL____      Name, *CURLIB, *LIBL

F3=Exit  F4=Prompt  F12=Cancel

```

When you are finished editing the fax profile, press the Enter key to save your changes or F12 to cancel.

Copying Fax Profiles

You can copy a fax profile to create a new fax profile or replace an existing fax profile. Only a fax administrator can create or replace a fax profile. Enter option 3 (Copy) on the Work with Fax Profiles display next to the fax profiles you want to copy. The Copy Fax Profile display appears.

```

Copy Fax Profile

Replace existing profile . . . . . 2  1=Yes, 2=No

To rename copied profile, change To User name.

From User      To User      Description
ANDERSON         SMYTHE____  Fax Profile for Anderson
JONES           ROGERS____  Fax Profile for Jones

F3=Exit  F12=Cancel

```

This display lists the users from whom you chose to copy fax profiles.

In the *Replace existing profile* prompt, specify 2 (No) if you do not want the new profile to replace an existing profile. Specify 1 (Yes) to replace the existing profile.

Enter the name of the user for whom you want to copy the fax profile in the *To User* column.

When you are finished, press the Enter key to copy the fax profile or press F12 to cancel. You can then make changes to the profile, if necessary. See “Editing Fax Profiles” on page 25 for information.

Removing Fax Profiles

When you remove a fax profile, fax support also deletes any associated routing entries. To remove a fax profile, select option 4 (Remove) on the Work with Fax Profiles display next to the fax profiles you want to remove. The Remove Fax Profile display appears.

Remove Fax Profile

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choices.

User Name	Description
ANDERSON	Fax Profile for Anderson
JONES	Fax Profile for Jones

F3=Exit F12=Cancel

You can confirm the deletion of a fax profile by pressing the Enter key or cancel your request by pressing F12 (Cancel).

Displaying Fax Profiles

You can display a fax profile from the Work with Fax Profiles display. To do so, select option 5 (Display Profile) next to the fax profile you want to display. The Display Fax Profile display appears.

```

Display Fax Profile

Profile Information:
Profile name . . . . . ANDERSON
Description . . . . . Fax Profile for Anderson
Administrator . . . . . 2                1=Yes, 2=No
Environment . . . . . 2                1=Basic, 2=Enhanced
Routing code . . . . . _____

Cover Page Information:
Create cover page . . . . . 1                1=Yes, 2=No
Fax title . . . . . Fax from Mr. Anderson
From lines . . . . . Dept 8K, Management Support
                        Valleyville, OR

Comment line . . . . . For your information

Printer file . . . . . QPFFCVP
Library . . . . . QFAX

F3=Exit  F12=Cancel

More...

```

The Display Fax Profile display shows the current profile information for the requested user. Use the Page Up and Down keys to view more information on this display. For a description of the fields on this display, see “Creating Individual Fax Profiles” on page 21. To edit the current profile, see “Editing Fax Profiles” on page 25.

```

Display Fax Profile

Completion Acknowledgment:
Send message . . . . . 1                1=Yes, 2=No
Message type . . . . . 1                1=User, 2=Break,
                        3=Mail

Transmission mode . . . . . 1                1=Fine, 2=Normal

Fax Description . . . . . *ANY

Send Time . . . . . *CURRENT

View Fax Image:
Program . . . . . VIEWIMAGE
Library . . . . . *CURLIB

Press Enter to continue.

F3=Exit  F12=Cancel

```

Press the Enter key to continue, or press F12 to cancel this display.

Printing Fax Profiles

You can use the Work with Fax Profiles display to print the fax profile for a user. To do so, select option 6 (Print) next to the fax profile you want to print. A message verifies that the profile has been printed. Fax support places the output in the user’s default output queue with a file name of QPFQFPF.

Working with Routing Entries

You can use the Work with Fax Profiles display to work with routing entries for a fax profile. To do so, select option 8 from the Work with Fax Profiles display. The Work with Fax Profiles display appears. For details on working with routing entries, see “Chapter 13. Routing Faxes” on page 139.

Granting Authority for Outbound Faxes

You can use the Work with Fax Profiles display to specify authority for outbound faxes that are owned by a fax profile. To do so, select option 14 from the Work with Fax Profiles display. You can also use option 3 on the Fax Profiles display, then select F9=Authority.

When you select option 14, the Edit Outbound Fax Authority window appears, as follows:

```

Edit Outbound Fax Authority
Name . . . . . : LGRASS
Type choices, press Enter.
Public Authority . . . . . *USE____ *ALL, *CHANGE
                                     *USE, *EXCLUDE
Authorized Users:
Profile      Authority      Description
(No authority information has been found)

F5=Refresh  F6=Add   F12=Cancel  F17=Position To

```

Specify the level of authority users have to this profile’s outbound faxes.

Public Authority

Specifies the authority that you want to give users who do not have specific authority to the outbound fax.

***USE:** Allows the public to view an outbound fax or to work with the fax status information.

***ALL:** Allows the public to view the outbound fax, work with the fax status information, reset the fax status, resend the fax, or delete the fax and associated log entries.

***CHANGE:** Allows the public to view an outbound fax, work with the fax status information, reset the fax status, or resend the fax.

***EXCLUDE:** Prevents the public from accessing this user’s outbound faxes.

Authorized Users

Specifies the level of authority to the entry for a specific user. The levels of authority; *ALL, *CHANGE, *USE, and *EXCLUDE, are the same as those for public authority.

You can use F6 (Add) to authorize another user to the outbound faxes. This displays the Add Authorized Profile window. From this window, you can do any of the following:

- Type the name of a fax profile
- Press F4 to prompt for a list of fax profiles

You can select only one fax profile from the list. After you press F6 (Add), the following display appears.

```

                                Edit Outbound Fax Authority
User . . . . . : LGRASS
Type choices, p
Public Authorit
User
  (No authori
                                Add Authorized Profile
                                Type options, press Enter.
                                User . . . . . JOHNSON_____ Name, F4 for List
                                Authority . . . . . *CHANGE_      *ALL, *CHANGE
                                                                *USE, *EXCLUDE
                                F4=Prompt  F12=Cancel

F5=Refresh  F6=Add  F12=Cancel  F17=Position To
```

To change authority for a specific user or *PUBLIC, type the new authority level and press Enter. To take authority away from a specific user, delete the authority value for the user and press the Enter key.

Chapter 4. Fax Master List

This chapter describes how to use the Facsimile Support for AS/400 fax master list to maintain information that is needed for outbound and inbound fax processing. The Facsimile Support for AS/400 product creates the fax master list for you. Without the fax master list, you cannot use the Facsimile Support for AS/400 product.

The fax master list is similar to a telephone directory. It includes destinations that you routinely send faxes to or receive faxes from. Infrequent recipients do not need to be added to the fax master list; you can specify them when you submit a fax for transmission. When you create a fax distribution list, you must use destinations that are previously defined in the fax master list.

The fax master list contains *Destination*, *Identifier*, and *Entry* fields. You might apply this structure to your business as follows:

- Use the *Destination* field for the company name.
- Use the *Identifier* field for the customer number.
- Use the *Entry* field to represent separate departments or people in the company.

The following example shows how you might use the fax master list to represent the records for a single company. You do business with a company that is called ABC Office Furniture Corporation, and their customer number is 9876. At ABC Office Furniture Corporation there are four fax machines you send to or receive from:

- Accounts payable department
- Accounts receivable department
- Purchasing department
- Miscellaneous

Each destination must have a default entry. In this case, you could set up as the default entry the fax machine you use for miscellaneous faxes. You might set up the fax master list entries for this company as follows:

Destination	Identifier	Entry
-----	-----	-----
ABC Office Furniture Co	9876	*DEFAULT
ABC Office Furniture Co	9876	Accounts Payable
ABC Office Furniture Co	9876	Accounts Receivable
ABC Office Furniture Co	9876	Purchasing

The fax master list maintains the following information for every entry:

- Contact name
- Telephone number
- Fax number
- Transmitting Subscriber Identifier (TSI)
- Three To-lines to use on the cover page
- Send time

See "Inbound Transmitting Subscriber Identification (TSI) Routing" on page 139 for information on the *TSI* field.

Fax Master List Authority

If you are the owner of a fax master list, have *ALL authority to the list, or are a fax administrator, you can change the owner. You can also change the authorization others have to the master list. In doing so, you can determine who can use or change your master list. You can grant or remove authority to the public (*PUBLIC) or to specific users.

If you are not the owner of the fax master list, do not have *ALL authority to the list, or are not the fax administrator, the tasks you can perform on the list depend on the level of authority you have to the list.

You can use the Work with Fax Master List (WRKFAXMST) command or an application program to maintain the fax master list. For information on creating programs to maintain the fax master list, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

Working with the Fax Master List

To work with a fax master list, you can select option 3 (Fax Master List) on the Facsimile Support for AS/400 main menu and press the Enter key. The Fax Master List menu appears.

```
FAXMST                               Fax Master List

Select one of the following:

    1. Work with Fax Master List
    2. Create Fax Master List Entry
    3. Remove Fax Master List Entry
    4. Change Master List Entry Owner
    5. Grant Master List Entry Authority

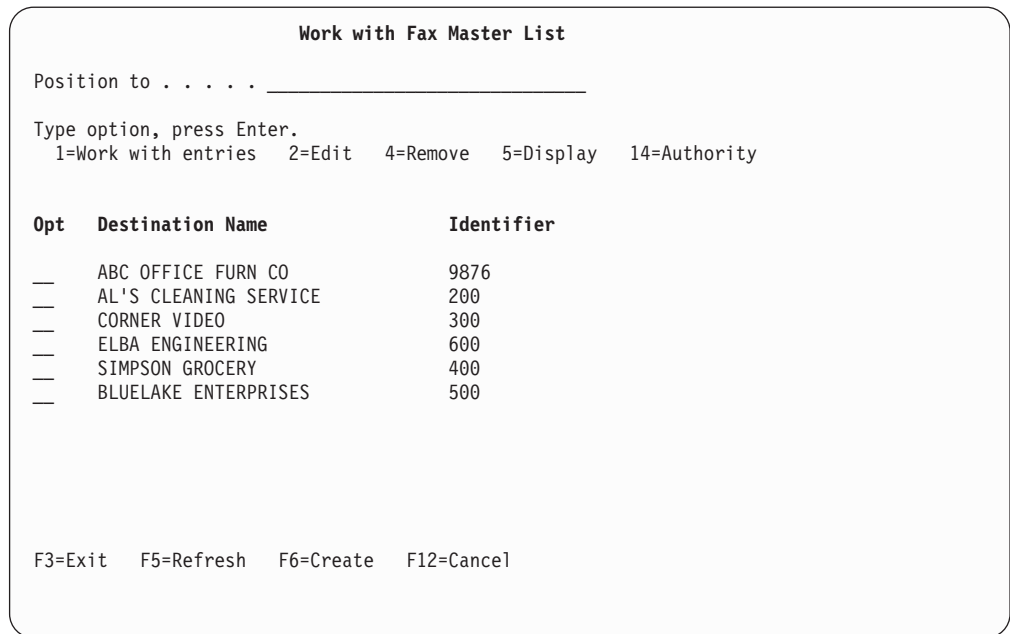
Selection or command
===> _____

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
```

The remainder of this chapter describes how to use the Fax Master List menu options to update a fax master list.

Maintaining a Fax Master List

To maintain a fax master list, select option 1 (Work with Fax Master List) on the Fax Master List menu. The Work with Fax Master List display appears.



This display shows the destination names and identifiers that you have authority to work with. You can do one of the following:

- Use the Page Up and Down keys to page through the information
- Type all or part of the destination name in the *Position to* prompt

Select one of the options that are listed on the display for the destination name you want to work with. Type the option number in the *Opt* (option) field and press the Enter Key.

- Specify option 1 (Work with entries) to work with the destination entries.
- Specify option 2 (Edit) to edit the destination entries.
- Specify option 4 (Remove) to remove a destination from the master list.
- Specify option 5 (Display) to display all entries for a destination.
- Specify option 14 (Authority) to edit the authority for a destination.

Creating a Destination

To create a new destination, press F6 (Create) on the Work with Fax Master List display. The Create Destination display appears.

Create Destination

Type choices, press Enter.

Destination information:

Destination name _____

Identifier _____

Entry *DEFAULT

Contact _____

Telephone. _____

Fax number _____

Cover page information:

To lines _____

Send time *CURRENT *CURRENT, Time

Owner *CURRENT *CURRENT, Name, F4 for list

Public Authority *Use___ *ALL, *CHANGE,
*USE, *EXCLUDE

F3=Exit F4=Prompt F12=Cancel

Use the Create Destination display to enter the following information about a new destination.

Destination information

Specifies information about the company or individual you are sending faxes to or receiving faxes from.

- *Destination name* is a required field. The destination name must be unique. However, you can have multiple unique *identifiers* with the same destination name. For example, if two customers have the same name, you can use a unique identifier to distinguish between them.
- *Entry* cannot be changed.
- *Contact* and *Telephone* fields contain additional information, but fax support does not use this information when creating the cover page or transmitting a fax.
- *Fax number* is a required field. If your telephone system requires you to dial 9 to access an outside line, include a 9 as part of the fax number.

Cover page information

To lines: These three lines of information appear on the cover pages that are sent to this destination. You can use them to describe the receiver of the fax.

Send time

Specifies the time that you want the fax to be sent.

***CURRENT:** This value tells fax support to send the fax at the current time if an outbound fax line is available. If all of the lines are in use, fax support sends the fax as soon as an outbound fax line becomes available. If you do not specify a send time, *CURRENT is assumed.

send-time: This value tells fax support to send the fax as soon after the specified time as an outbound fax line becomes available. Specify the send time in a 24-hour format, with or without time separators. The time 24:00:00 is not valid.

Specifying a send time allows you to defer faxing until later, when telephone rates may be lower.

Fax support determines the transmission time in the following sequence:

- If you specified a send time in the master list entry for this destination, fax support uses the time you specified.
- If you did not specify a time for the destination, but did so in your fax profile, fax support uses the time that you specified in your profile.
- If you did not specify a send time for the destination or in your fax profile, fax support uses the current time for this fax request.
- If the destination has a send time specified in the Fax Master List Entry and in the Fax Profile, Fax Support uses the send time from the Fax Master List Entry.

Owner

Specifies the owner of this fax master list entry.

***CURRENT:** The current user owns the entry. If you do not specify a user name, *CURRENT is assumed.

user-name: Specifies the name of the user who owns the entry.

Public Authority

Specifies the public authority to be granted to this fax master list entry.

***ALL:** This value grants the public *ALL authority to this entry. This authority lets users do the following:

- Read, display, update, or delete the entry
- Change the owner
- Grant or take away authority to the entry

***CHANGE:** This value grants the public *CHANGE authority to this entry. This authority lets users read, display, and update the entry.

***USE:** This value grants the public *USE authority to this entry. This authority lets users read or display the entry. If you do not specify a public authority, *USE is assumed.

***EXCLUDE:** This value grants the public *EXCLUDE authority to this entry. This authority does not allow users to perform any operations on the entry.

When you finish entering the information on the Create Destination display, press the Enter key.

Working with Destination Entries

To maintain destination entries, type a 1 (Work with entries) next to the destination name on the Work with Fax Master List display. Press the Enter key. The Work with Destination Entries display appears. This display shows a list of entries that are associated with each destination.

Work with Destination Entries

Destination : ABC OFFICE FURN CO
 Identifier : 9876
 Position to _____

Type option, press Enter.
 2=Edit 4=Remove 5=Display 14=Authority

Opt	Entry	Contact
__	ACCOUNTS RECEIVABLE	Scott Jones
__	PURCHASING	Missy Miller

F3=Exit F5=Refresh F6=Create F12=Cancel

Select an option that is listed on the display for the destination name you want to work with. Type the option number in the *Opt* (option) field and press the Enter key. The following list describes the options you can use.

- Specify option 2 (Edit) to edit a destination entry. The Edit Destination Entry display appears. From this display, you can change entry information, such as the following:
 - Entry name
 - Entry contact
 - Telephone number
 - Fax number
 - Cover page To-line information
 - Send time
- Specify option 4 (Remove) to remove a destination entry. The Remove Destination Entry display appears with a list of the destination entries you have chosen to remove. You can cancel or confirm your request from this display.
- Specify option 5 (Display) to display a destination entry. The Display Destination Entry display appears. This display shows the entry information, cover page information, and send time for the destination entry. You cannot change any of the fields on this display.
- Specify option 14 (Authority) to edit the authority for a destination entry. The Edit Destination Authority display appears. From this display, you can change the owner, the public authority, and the authorized users for the destination entry. Changes apply only to the specified entry; they do not apply to the entire destination.

Creating Destination Entries

To create a new destination entry within a destination, do one of the following:

- Press F6 (Create) on the Work with Destination Entries display.
- Select option 2 on the Fax Master List menu.

The Create Destination Entry display appears. You can then complete the information for the new destination, as shown in the following example.

```

                                Create Destination Entry

Destination/Identifier . . . : ABC OFFICE FURN CO/9876

Type choices, press Enter.

Entry information:
Entry . . . . . ACCOUNTS PAYABLE_____
Contact . . . . . _____
Telephone . . . . . _____
Fax number . . . . . 277778888_____
Cover page information:
To lines . . . . . Accounts Payable_____
                               _____
                               _____

Send time . . . . . *CURRENT   *CURRENT, Time

Owner . . . . . *CURRENT_   *CURRENT, Name, F4 for list

Public authority . . . . . *USE____ *ALL, *CHANGE, *USE or
                               *EXCLUDE

F3=Exit  F4=Prompt  F12=Cancel

```

Use the Create Destination Entry display to enter the following information about the new destination entry.

Entry information

Specifies information about the person or department within a destination you are sending faxes to and receiving faxes from.

- *Entry* is a required field. Specify the name of the entry you want to create.
- *Contact* and *Telephone* can provide additional information. However, fax support does not use this information on the cover page or during the transmission of a fax.
- *Fax number* is a required field. Specify the fax number for the entry you want to create.

Cover page information

These three lines of information appear on the cover pages that are sent to this destination. This information can describe the receiver of the fax.

Send time

Specifies the scheduled time for sending the fax.

***CURRENT:** Sends the fax as follows:

- At the current time, if an outbound fax line is available
- As soon as an outbound fax line becomes available, if all outbound fax lines are in use

If you do not specify a send time, **CURRENT* is assumed.

send-time: Sends the fax at a specific time. Fax support sends the fax as soon after the specified time as an outbound fax line becomes available. Specify the send time in a 24-hour format, with or without time separators. The time 24:00:00 is not valid.

Specifying a transmission time allows you to defer faxing until later, when telephone rates may be lower.

- If you specified a send time in the master list entry for this destination, fax support uses the time you specified.
- If you did not specify a time for the destination, but specified a send time in your fax profile, fax support uses the time that you specified in your profile.
- If you did not specify a send time for the destination or in your fax profile, fax support uses the current time for this fax request.

Owner

Specifies the owner of this destination entry.

***CURRENT:** The current user owns the entry. If you do not specify a user name, *CURRENT is used.

user-name: Specify the name of the user to own the entry.

Public Authority

Specifies the public authority that is granted to this destination entry.

***ALL:** Gives the public *ALL authority to this entry. This authority allows users to read, display, update, or delete the entry. Users can also change the owner of the entry, or grant or take away authority to the entry.

***CHANGE:** Gives the public *CHANGE authority to this entry. This authority lets users read, display, and update the entry.

***USE:** Gives the public *USE authority to this entry. This authority lets users read or display the entry. If you do not specify a public authority, *USE is assumed.

***EXCLUDE:** Gives the public *EXCLUDE authority to this entry. This authority does not allow users to perform any operations on the entry.

When you have completed the information on this display, press the Enter key to create the destination entry.

Editing Destination Entries

To edit a destination entry, type a 2 (Edit) next to the destination name on the Work with Destination Entries display. The Edit Destination Entry display appears.

Edit Destination Entry

Destination/Identifier . . . : ABC OFFICE FURN C0/9876

Type choices, press Enter.

Entry information:

Entry ACCOUNTS PAYABLE

Contact _____

Telephone _____

Fax number 277778888

Cover page information:

To lines Accounts Payable

Send time *CURRENT *CURRENT, Time

F3=Exit F12=Cancel

You can use this display to update any destination information. See “Creating Destination Entries” on page 36 for descriptions of the fields on this display. When you finish editing the information, press the Enter key.

Removing Destination Entries

To remove a destination entry, do one of the following:

- Type a 4 (Remove) next to the destination name on the Work with Destination Entries display.
- Select option 3 on the Fax Master List menu (you can select more than one entry).

The Remove Destination Entry display appears with a list of the entries you selected.

Remove Destination Entry

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choices.

Destination/Identifier/Entry

ABC OFFICE FURN CO/9876/PURCHASING

F3=Exit F12=Cancel

Do one of the following:

- Press the Enter key to confirm your request. This removes the destination entry from the fax master list.
- Press F12 (Cancel) to end this function.

Displaying Destination Entries

To display destination entries, type a 5 (Display) next to the destination name on the Work with Destination Entries display. The Display Destination Entry display appears with a list of the current information for the destination entry. See "Creating Destination Entries" on page 36 for descriptions of the fields on this display.

Display Destination Entry

Destination/Identifier : ABC OFFICE FURN CO/9876

Entry information:

Entry : ACCOUNTS PAYABLE

Contact :

Telephone :

Fax number : 277778888

Cover page information:

To lines : Accounts Payable

Send time : *CURRENT

Press Enter to continue.

F3=Exit F12=Cancel

Press the Enter key to continue, or F12 to cancel this display.

Editing Destinations

To edit an existing destination, type a 2 (Edit) next to the destination name on the Work with Fax Master List display. Press the Enter key. The Edit Destination display then shows the information for the destination you selected.

```

                                Edit Destination

Type choices, press Enter.

Destination information:
Destination name . . . . . ABC OFFICE FURN CO_____
Identifier . . . . . 9876_____
Entry . . . . . *DEFAULT
Contact . . . . . _____
Telephone. . . . . _____
Fax number . . . . . 2277778888_____

Cover page information:
To lines . . . . . Accounts Payable_____
                    _____
                    _____

Send time . . . . . *CURRENT *CURRENT, Time

F3=Exit  F12=Cancel
```

You can edit all fields except the *Entry* field. See “Creating Destination Entries” on page 36 for descriptions of the fields on this display.

When you have finished editing the information on this display, press the Enter key.

Removing Destinations

To remove a destination, type a 4 (Remove) next to the destination name on the Work with Fax Master List display and press the Enter key. The Remove Destination display then lists the destinations you chose to remove.

Remove Destination

Press Enter to confirm your choices for 4=Remove
Press F12=Cancel to return to change your choices

Destination Name	Identifier
SOUTHSIDE WELDING & FITTINGS	700
TARA SUPPLY COMPANY	950

F3=Exit F12=Cancel

You can press the Enter key to confirm the removal of the destinations from the fax master list or press F12 (Cancel) to end this function. When you remove a destination, all of the associated entries are also removed.

Displaying Destinations

To display destination information, type a 5 (Display) next to the destination name on the Work with Fax Master List display and press the Enter key. The Display Destination display appears.

Display Destination

Destination information:

Destination name ABC OFFICE FURN CO
 Identifier 9876
 Entry *DEFAULT
 Contact
 Telephone.
 Fax number 2777779999

Cover page information:

To lines ABC Office Furniture Co

Send time *CURRENT

Press Enter to continue.

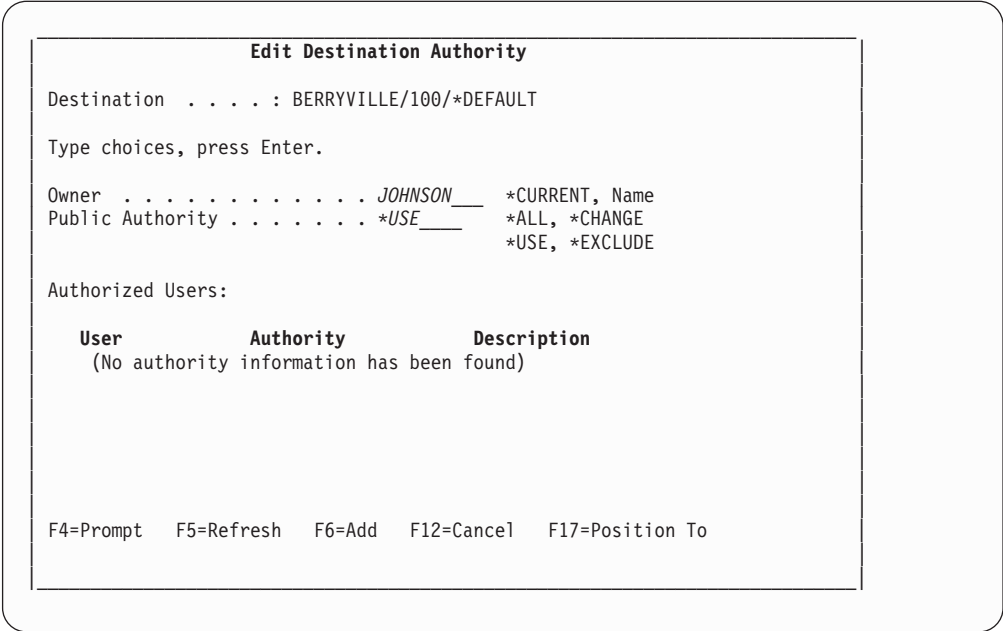
F3=Exit F12=Cancel

From this display, you can view information about a fax destination. See “Creating Destination Entries” on page 36 for descriptions of the fields on this display.

When you finish with this display, press Enter to continue or F12 to cancel.

Granting Authority to a Fax Master List Entry

You can specify authority for a fax master list entry. The level of authority determines what actions a user can perform on that entry. To grant authority to an entry, type a 14 (Authority) next to an entry on the Work with Fax Master List or Work with Destination Entries display. (Option 5 on the Fax Master List display also allows you to work with authority for a fax master list entry.) When you select option 14, the Edit Destination Authority window appears, as follows:



Specify the owner of the fax master list entry, and the level of authority that users have for this entry.

Owner

Specifies the name of the user that owns the entry.

Public Authority

Specifies the authority that you want to give users who do not have specific authority to the fax.

***USE:** Gives the public *USE authority to this entry. This authority allows users to read or display the entry. If you do not specify a public authority, *USE is assumed.

***ALL:** Gives the public *ALL authority to this entry. This authority allows users to read, display, update, or delete the entry. Users can also change the owner of the entry, or grant or take away authority to the entry.

***CHANGE:** Gives the public *CHANGE authority to this entry. This authority allows users to read, display, and update the entry.

***EXCLUDE:** Gives the public *EXCLUDE authority to this entry. This authority does not allow users to perform any operations on the entry.

Authorized Users

Specifies the level of authority to the entry for a specific user. The levels of authority (*ALL, *CHANGE, *USE, and *EXCLUDE) are the same as those for public authority.

You can use F6 (Add) to authorize another user to the fax master list entry. This displays the Add Authorized User window. From this window, you can do any of the following:

- Define authority for the current user
- Type the name of another user
- Press F4 to prompt for a list of users

You can select only one user from the list. After you press F6 (Add), the following display appears.

Edit Destination Authority

Destination : BERRYVILLE/100/*DEFAULT

Type choices, p

Add Authorized User

Type options, press Enter.

User SMITH_____ *CURRENT, Name

Authority *CHANGE_ *ALL, *CHANGE

*USE, *EXCLUDE

F4=Prompt F12=Cancel

Owner Public Authorit

User (No authori

F4=Prompt F5=Refresh F6=Add F12=Cancel F17=Position To

To change authority for a specific user or *PUBLIC, type the new authority level and press Enter. To take authority away from a specific user, delete the authority value for the user and press the Enter key.

Changing the Owner of a Fax Master List Entry

The owner of the fax master list entry is originally one of the following:

- The user profile who created it
- The profile specified at the time it was created

To change the owner of a fax master list entry, you must be the current owner or have *ALL authority to the entry. Select option 14 (Authority) on the Work with Fax Master List display to change the owner of a fax master list. (Option 5 on the Fax Master List menu also allows you to change the owner of a fax master list entry.) When you select option 14, the following display appears:

Edit Destination Authority

Destination : ABC OFFICE FURN CO/9876/PURCHASING

Type choices, press Enter.

Owner *MILLER*____ *CURRENT, Name

Public Authority **USE*____ *ALL, *CHANGE

*USE, *EXCLUDE

Authorized Users:

User	Authority	Description
(No authority information has been found)		

F4=Prompt F5=Refresh F6=Add F12=Cancel F17=Position To

Enter the new owner for the fax master list entry. Press the Enter key to save the changes or F12 (Cancel) to end this function.

Chapter 5. Fax Distribution Lists

This chapter describes how to create and maintain distribution lists you can use when you send faxes. Distribution lists contain entries from the fax master list. You can use distribution lists to send faxes to a specific group of users. For more information on the fax master list, see "Chapter 4. Fax Master List" on page 31.

To work with fax distribution lists, you can do the following:

- Select option 4 (Fax Distribution List) on the Facsimile Support for AS/400 main menu, and then select option 1 (Work with Fax Distribution Lists).
- Select option 24 (Work with Fax Distribution Lists) on the Fax User Menu.
- Enter the Work with Fax Distribution Lists (WRKFAXDST) command.

```
FAXDST                               Fax Distribution List

Select one of the following:

    1. Work with Fax Distribution Lists
    2. Create Distribution List
    3. Edit Fax Distribution List
    4. Remove Fax Distribution List
    5. Change Distribution List Owner
    6. Grant Distribution List Authority
    7. Add Distribution List Entry
    8. Remove Fax Distribution List Entry

Selection or command
===> 1 _____

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
```

If you are the owner of a fax distribution list, have *ALL authority to the list, or are a fax administrator, you can change the owner. You can also change the authorization others have to that distribution list. In doing so, you can determine who can use or change your distribution lists. You can grant or remove authority to the public (*PUBLIC) or to specific users.

If you are not the owner of a fax distribution list, do not have *ALL authority to the list, or are not a fax administrator, the tasks you can perform on the list depend on the level of authority you have to the list.

The following sections describe how to use the Fax Distribution List menu options to work with a fax distribution list.

Working with Fax Distribution Lists

To maintain a fax distribution list, select option 1 (Work with Fax Distribution Lists) from the Fax Distribution List menu. The Work with Fax Distribution Lists display appears.

```

Work with Fax Distribution Lists

Position to . . . . . _____

Type option, press Enter.
  1=Work with entries   4=Remove   7=Rename
  8=Change description 14=Authority

Opt  List Name          Description
  _   MONTHLY           Monthly Report
  I_  PRICE CHANGE      Dist List for Price Change

F3=Exit  F5=Refresh  F6=Create  F12=Cancel

```

The following sections describe how to create and maintain a fax distribution list.

Changing Distribution List Entries

To change the entries in a distribution list, type a 1 (Work with entries) next to a list name on the Work with Fax Distribution Lists display. Press the Enter key. The Work with Distribution List Entries display appears.

```

Work with Distribution List Entries

List name . . . . . : PRICE CHANGE
Description . . . . : Dist List for Price Change
Position to . . . . . _____

Type option, press Enter.
  4=Remove entry

Opt  Destination Name      Identifier/Entry
  _   ABC OFFICE FURN CO     9876/*DEFAULT
  _   ABC OFFICE FURN CO     9876/ACCOUNTS PAYABLE
  _   ABC OFFICE FURN CO     9876/ACCOUNTS RECEIVABLE
  _   AL'S CLEANING SERVICE  200/*DEFAULT
  _   BLUELAKE ENTERPRISES   500/*DEFAULT

F3=Exit  F5=Refresh  F6=Add  F11=View 2  F12=Cancel

```

The Work with Distribution List Entries display shows the current entries for a distribution list. It shows the destination name, identifier, and entry information.

Press F11 (View 2) to see a different view of the same list. View 2 displays the fax number that is associated with the destination entry.

Work with Distribution List Entries

List name : PRICE CHANGE
 Description : Dist List for Price Change
 Position to _____

Type option, press Enter.
 4=Remove entry

Opt	Destination Name	Fax Number
—	ABC OFFICE FURN CO	5078889999
—	ABC OFFICE FURN CO	5078888888
—	ABC OFFICE FURN CO	5078887777
—	AL'S CLEANING SERVICE	5559991111
—	BLUELAKE ENTERPRISES	7771111234

F3=Exit F5=Refresh F6=Add F11=View 3 F12=Cancel

Press F11 (View 3) to see additional information about the same list. View 3 displays the contact that is associated with the destination entry.

Work with Distribution List Entries

List name : PRICE CHANGE
 Description : Dist List for Price Change
 Position to _____

Type option, press Enter.
 4=Remove entry

Opt	Destination Name	Contact
—	ABC OFFICE FURN CO	James Dole
—	ABC OFFICE FURN CO	Jennifer Belle
—	ABC OFFICE FURN CO	Jon Wynott
—	AL'S CLEANING SERVICE	Laura Grass
—	BLUELAKE ENTERPRISES	Steve Oggie

F3=Exit F5=Refresh F6=Add F11=View 1 F12=Cancel

Renaming a Distribution List

To rename a distribution list, type a 7 (Rename) next to the list you want to rename on the Work with Fax Distribution Lists display. Press the Enter key. The Rename Distribution List display appears. This display prompts you for the new name.

Rename Distribution List

To rename Distribution List, change New Name, press Enter.

Current Name	New Name
PRICE CHANGE	PRICE CHANGE DIST _____

F3=Exit F12=Cancel

Type the new name and press the Enter key.

Changing a Distribution List Description

You can change the description of a distribution list from the Work with Fax Distribution Lists display. To do so, type an 8 (Change description) next to the list for which you want to change the description. Press the Enter key. The Change Distribution List Description window then prompts you for the new description.

Change Distribution List Description

Po Distribution List : PRICE CHANGE DIST

Ty Type choices, press Enter.

Current Description	New Description
Op Dist List for Price Change	PRICE UPDATE _____

F12=Cancel

F3=Exit F5=Refresh F6=Create F12=Cancel

Type the new description. Press the Enter key to confirm the new description, or press F12 to cancel the request.

Editing Distribution List Authority

To edit the authority to the distribution list, type a 14 (Authority) next to that distribution list on the Work with Distribution List display. Press the Enter key, or choose option 6 (Grant Fax Distribution List Authority) from the Fax Distribution List menu. The Edit Distribution List Authority window appears.

The level of authority you specify for a distribution list determines the functions other users can perform on the list. You can edit the authority other users have to a fax distribution list. You can edit the public authority, or you can specify authority for an individual user.

Edit Distribution List Authority

Name: PRICE CHANGE DIST

Type choices, press Enter.

Owner QSECOFR__ *CURRENT, Name
Public Authority *USE__ *ALL, *CHANGE,
*USE, *EXCLUDE

Authorized Users:

User	Authority	Description
(No authority information has been found)		

F4=Prompt F5=Refresh F6=Add F12=Cancel F17=Position To

Use the Edit Distribution List Authority window to change the owner or authority for the distribution list. You can do any of the following:

- Add additional users to be granted a specific level of authority. To do so, use F6 (Add).
- Change the authority level for a specific user or *PUBLIC. To do so, enter the new level of authority and press the Enter key.
- Take authority away from a specific user. To do so, type over the current authority with blanks to remove the value, then press the Enter key.

You can add or change information for the following fields:

Owner

Specifies the name of the user that owns the list.

Public Authority

Specifies the level of authority a user has for this list if you did not specify specific authority for that user. The possible values you can use are:

***ALL:** Gives the public *ALL authority to the list. This authority allows users to do the following:

- Read, display, update, or delete the list
- Change the owner of the list
- Grant or take away authority to the list

***CHANGE:** Gives the public *CHANGE authority to the list. This authority allows users to read, display, and update the list.

***USE:** Gives the public *USE authority to the list. This level of authority allows users to read or display the list. If you do not specify a public authority, *USE is assumed.

***EXCLUDE:** Gives the public *EXCLUDE authority to the list. This authority does not allow users to perform any operations on the list.

Authorized Users

Gives a specific user authority to the list. The possible values for authorized users are the same as those for public authority.

When you are finished making changes to the authority for the list, press the Enter key. To cancel the changes, press F12 (Cancel).

Creating a Fax Distribution List

To create a new fax distribution list, do one of the following:

- Select option 2 (Create Distribution List) on the Fax Distribution List menu.
- Press F6 (Create) on the Work with Fax Distribution Lists display.

The Create Distribution List window appears.

```

Create Fax Distribution List(CRTFAXDST)

Type choices, press Enter.

Distribution List. . . . . PRICE CHANGE
Description . . . . . DIST LIST FOR PRICE CHANGE

Owner . . . . . *CURRENT__ *CURRENT, Name, F4 for list

Public Authority . . . . . *USE__ *ALL, *CHANGE,
                               *USE, *EXCLUDE

F4=Prompt  F12=Cancel

F3=Exit  F5=Refresh  F6=Create  F12=Cancel

```

Use the Create Distribution List window to enter information about the new distribution list you want to create. This information includes the name of the new list and a description, the owner of the list, and the public authority to the list.

You can confirm the new distribution list by pressing the Enter key or end this function by pressing F12 (Cancel). You are now ready to add entries to the distribution list.

Editing a Fax Distribution List

To change the name or description of a fax distribution list, select option 3 (Edit Fax Distribution List) on the Fax Distribution List menu. The Edit Fax Distribution List (EDTFAXDST) display appears.

Edit Fax Distribution List (EDTFAXDST)

Type choices, press Enter.

Current:
Distribution list *PRICE CHANGE* _____

New:
Distribution list **SAME* _____
Description **SAME* _____

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

Enter the following information and press the Enter key.

- The name of the distribution list you want to change
- A new distribution list name
- A new description

Removing a Distribution List

To remove an entire distribution list, do one of the following:

- Select option 4 on the Fax Distribution List menu and press the Enter key.
- Type a 4 (Remove) on the Work with Fax Distribution Lists display next to the list you want to remove.

The Remove Distribution List display shows the distribution list you chose to remove.

Remove Distribution List

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choices

List Name	Description
PRICE CHANGE	DIST LIST FOR PRICE CHANGE

F3=Exit F12=Cancel

You can confirm the removal by pressing the Enter key or end this function by pressing F12 (Cancel).

Changing a Fax Distribution List Owner

The owner of a fax distribution list is originally one of the following:

- The same as the user profile who created the distribution list
- The profile specified at the time it is created

You must be the owner of the distribution list, have *ALL authority, or be a fax administrator to change the owner.

To change the owner of a distribution list, select option 5 (Change Distribution List Owner) on the Fax Distribution List menu. The Change Distribution List Owner display appears. This display allows you to specify the distribution list and the new owner.

Change Distribution List Owner (CHGDSTOWN)

Type choices, press Enter.

Distribution list **JOHNS** _____
Owner *SAME _____ *SAME, Name

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

Granting Authority to a Fax Distribution List

To grant one or more users authority to a fax distribution list, select option 6 (Grant Distribution List Authority) on the Fax Distribution List menu. The Grant Dist List Authority (GRTDSTAUT) display appears.

Grant Dist List Authority (GRTDSTAUT)

Type choices, press Enter.

Distribution list **PRICE CHANGE** _____
User granted authorities:
User **JOHNS** _____ *PUBLIC, Name
Authority *USE _____ *ALL, *CHANGE, *USE, *EXCLUDE
+ for more values _

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

Enter the name of the distribution list, the user's name or *PUBLIC, and the level of authority to be granted (*USE, *CHANGE, *ALL, or *EXCLUDE). See "Editing Distribution List Authority" on page 51 for details on the authority values.

Adding a Distribution List Entry

To add an entry to your current distribution list, do one of the following:

- Select option 7 (Add Distribution List Entry) on the Fax Distribution List menu.
- Select option 1 (Work with entries) on the Work with Distribution Lists display.

Press F6 (Add) on the Work with Fax Distribution Lists display. The Add Distribution List Entry display appears.

Add Distribution List Entry

Position to _____

Type option, press Enter
1=Select

Opt	Destination Name	Identifier/Entry
1	ABC OFFICE FURN CO	9876/*DEFAULT
1	ABC OFFICE FURN CO	9876/ACCOUNTS PAYABLE
1	ABC OFFICE FURN CO	9876/ACCOUNTS RECEIVABLE
1	AL'S CLEANING SERVICE	200/*DEFAULT
1	BLUELAKE ENTERPRISES	500/*DEFAULT
-	ELBA ENGINEERING	600/*DEFAULT
-	SIMPSON GROCERY	400/ENTRY1

F3=Exit F5=Refresh F11=View 2 F12=Cancel

The Add Distribution List Entry display lists all of the destinations that are defined in the fax master list. The initial view shows the destination name, identifier, and entry information.

Press F11 to request different views. View 2 lists the fax numbers that are associated with each destination. View 3 lists the contact name.

Type a 1 (Select) next to the destinations that you want added to your current distribution list from the Add Distribution List Entry display. Press the Enter key to confirm the operation or F12 to cancel. If the entry already exists in the list, an appropriate message displays. If the entry does not already exist, fax support adds it to the list. The Work with Distribution List Entries display returns.

Removing a Distribution List Entry

To remove a destination from the distribution list, do one of the following:

- Select option 8 (Remove Fax Distribution List Entry) on the Fax Distribution List menu and press the Enter key.
- Type a 4 (Remove) next to the appropriate destination on the Work with Distribution List Entries display.

The Remove Distribution List Entry display appears.

Remove Distribution List Entry

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choices.

Destination Name	Identifier/Entry
BLUELAKE ENTERPRISES	500/*DEFAULT

F3=Exit F12=Cancel

Press the Enter key to confirm the removal or press F12 to cancel the request.

Create Fax Note

Description *Note to Missy Badger* _____ Page 01
 Lines 01 to 14
 . . . + . . . 1 . . . + . . . 2 . . . + . . . 3 . . . + . . . 4 . . . + . . . 5 . . . + . . . 6 . . . + . . . 7 . . . +
 To:

From: Laura Grass

Date: 01/08/98
 Subject: Order Number 123456

Received the order and am very satisfied with the quality.
 Can you send me additional information on your other products?
 I will be in town on March 5, maybe we can arrange a demo.

Contact me about setting up an appointment.

Bottom

F3=Exit F6=Insert Line F9=Delete Line
 F10=Submit Fax F12=Cancel F13=Go To Page

While you are creating a fax note, you can use any of the following function keys:

F3 (Exit)

Displays a confirmation screen that asks if you want to cancel the note.

F6 (Insert Line)

Inserts a line where your cursor is and shifts existing text down.

F9 (Delete Line)

Deletes the line your cursor is on. A message appears, asking you to confirm that you want to delete the line.

F10 (Submit Fax)

Displays the Submit Fax (SBMFAX) command interface.

F12 (Cancel)

Allows you to cancel the fax note and asks for a confirmation.

F13 (Go To Page)

Allows you to go to a specific page of the note by just entering the page number. When you press F13, the following Go To Page Number window appears:

Create Fax Note

Description *Note to Missy Badger* _____ Page 01
 Lines 01 to 14
+....1....+....2....+....3....+....4....+....5....+....6....+....7....+

Go To Page Number

Type choices, press Enter.

Position to page 01

F12=Cancel

Bottom

F3=Exit F6=Insert Line F9=Delete Line
 F10=Submit Fax F12=Cancel F13=Go To Page

When you have completed your note, press F10 to submit the note as a fax. See “Interactive Fax Requests” on page 63 for further information on how to specify the destination of the fax.

After sending the note, you can press F3. The note remains on the display so that you can resend it. To exit, press F3 again or press F12 to cancel.

Chapter 7. Sending a Fax

There are several ways to send a fax:

- Using option 5 (Outbound Fax Commands) on the Facsimile Support for AS/400 main menu
- Using the Send Fax (SNDFAX) command
- Using the Submit Fax (SBMFAX) command

This chapter describes how to send a fax from the Facsimile Support for AS/400 menu. For information on the SNDFAX and SBFAX commands, see *Facsimile Support for AS/400 Programmer's Guide and Reference*. For information on creating a fax note, see "Chapter 6. Creating a Fax Note" on page 59.

Interactive Fax Requests

When you send a fax, you control the fax request through the Submit Fax or the Send Fax display. To send a fax, select option 5 (Outbound Fax Commands) from the Facsimile Support for AS/400 main menu. The Outbound Fax Commands display appears.

```
FAXOUT                                Outbound Fax Commands

Select one of the following:

    1. Work with Fax Output Queue
    2. Work with Fax File Attributes
    3. Change Fax File Attributes
    4. Delete Fax File
    5. Send Fax

Enhanced Services:
    21. Create Fax Note
    22. Check Fax Status
    23. Print Fax Status
    24. Submit Fax

Selection or command
===> _____

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
```

Using the Send Fax Display

If you select option 5 (Send Fax) on the Outbound Fax Commands display, the Send Fax display appears.

```

Send Fax (SND FAX)

Type choices, press Enter.

Send to:
Telephone number . . . . . _
To line 1 for cover page . . . *BLANK_____
_____
To line 2 for cover page . . . *BLANK_____
_____
To line 3 for cover page . . . *BLANK_____
_____
+ for more values _
Spooled file . . . . . _____ Name
Job name . . . . . * _____ Name, *
User . . . . . _____ Name
Number . . . . . _____ 000000-999999
Spooled file number . . . . . *ONLY 1-9999, *ONLY, *LAST
Transmission mode . . . . . *FINE__ *FINE, *NORMAL
Create cover page . . . . . *NO *NO, *YES

F3=Exit F4=Prompt F5=Refresh F10=Additional parameters F12=Cancel
F13=How to use this display F24=More keys

```

From the Send Fax (SND FAX) display, you can perform the following tasks:

- Specify fine or normal transmission mode.
- Specify a cover page to send with the fax.
- Use the F10 key to specify any of the following:
 - The date and time the fax is to be sent.
 - A user message queue or data queue, or both, to which completion status is to be sent.
 - A specific fax description to use for sending the fax.

Note: If you use the SND FAX command to send a fax, you cannot use the Check Fax Status (CHK FAX STS) command to check the status. The CHK FAX STS command works only with the Submit Fax (SBM FAX) command.

Using the Submit Fax Display

If you select option 24 (Submit Fax), from the Outbound Fax Commands display, the Submit Fax display appears. This display also appears when you use option 9 to resend a fax from the Check Fax Status display.


```

Submit Fax

Fax request type . . . . . : *GENFAXSPL, generate a fax spooled file
Description . . . . . :

Type distribution list or destinations, press F10 to send.
Distribution list . . . . . _____ F4 for list

Destination Name           Identifier/Entry
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

F3=Exit  F4=Prompt  F5=Refresh  F9=Work with Cover Page  F10=Send
F11=View 2      F12=Cancel  F24=More Keys

No destinations were preselected.
More...
+

```

From the Submit Fax display, you can perform the following tasks:

- Select fax destinations by distribution list name or specific entries within the list
- Select fax destinations from the fax master list or type a destination that is not part of the fax master list
- Select fax destinations from the fax master list by keying a full or partial destination name
- Press the F9 key to work with the cover page or fax telephone number for each selected destination. You can then press the F13 key from the Work With Cover Page display to specify any of the following:
 - A description
 - The fax description
 - The transmission mode
 - Whether or not you want a cover page created
 - Whether the requesting user should receive completion acknowledgment
 - Time and/or date when you want the fax sent

Selecting Fax Distribution Lists

Enhanced Services allows you to use a distribution list. The distribution list represents a grouping, or subset, of master list entries. A distribution list entry represents a record in the fax master list. See “Fax Distribution List Option” on page 9, for more information on creating distribution lists.

To select a distribution list, type the name of an existing distribution list in the *Distribution list* field on the Submit Fax display. Press the Enter key. You can also retrieve a list of all the fax distribution lists by positioning your cursor on the *Distribution list* field and pressing F4 (Prompt).

The Select Fax Distribution List display appears.

Select Fax Distribution List

Position to _____

Type option, press Enter.
1=Select 5=Select entries in list

Opt	List Name	Description
5	ABC	ABC OFFICE FURN CO
1	PRICE	PRICE CHANGE
_	PURCHASING	PURCHASING AGENTS

F3=Exit F5=Refresh F12=Cancel

You can select either all entries in a distribution list, or individual entries within the list.

- To select all entries in a distribution list, type a 1 (Select) next to each list name that you want to select. Press the Enter key to confirm your selections.
- To select individual entries within a distribution list, type a 5 (Select entries in list) next to the list name and press the Enter key.

The Select Distribution List Entries display appears.

Select Distribution List Entries

List name : ABC
Description : ABC OFFICE FURN CO
Position to _____

Type option, press Enter.
1=Select

Opt	Destination Name	Identifier/Entry
_	ABC OFFICE FURN CO	9876/*DEFAULT
1	ABC OFFICE FURN CO	9876/ACCOUNTS PAYABLE
1	ABC OFFICE FURN CO	9876/ACCOUNTS RECEIVABLE

F3=Exit F5=Refresh F11=View 2 F12=Cancel

To select distribution list entries, type a 1 (Select) next to each destination name. Press the Enter key to confirm your selections or press F12 to cancel.

Selecting Fax Destinations

To retrieve a list of all the fax destinations, move the cursor to the *Destination Name* column on the Submit Fax display. Press F4 (Prompt).

The Select Destination display appears. This display shows only the destinations that you are authorized to use.

Select Destination

Position to _____

Type option, press Enter
1=Select

Opt	Destination Name	Identifier/Entry
1	ABC OFFICE FURN CO	9876/*DEFAULT
-	ABC OFFICE FURN CO	9876/ACCOUNTS PAYABLE
-	ABC OFFICE FURN CO	9876/ACCOUNTS RECEIVABLE
-	AL'S CLEANING SERVICE	200/*DEFAULT
-	CORNER VIDEO	300/*DEFAULT
-	ELBA ENGINEERING	600/*DEFAULT
-	SIMPSON GROCERY	400/ENTRY1
-	BLUELAKE ENTERPRISES	500/*DEFAULT

F3=Exit F5=Refresh F11=View 2 F12=Cancel

Press F11 to display different views of the destinations. View 2 displays fax numbers of the destinations, and view 3 displays the contact field.

To select fax destinations, type a 1 (Select) next to each destination name that you want to select. Press the Enter key twice to confirm and select the fax destinations, or press the F12 key to cancel.

Selecting Destinations by Full or Partial Name

To select a destination by full or partial names, type in the full or partial name in the *Destination Name* field and press the Enter key. The Destination List Subset display appears, showing the destinations that match the name you entered. This display shows only those destinations that you have authority to use.

For example, typing an A in the *Destination Name* field displays a list of all master list entries with names beginning with the letter A. The following display shows an example.

Destination List Subset

Position to _____

Type option, press Enter
1=Select

Opt	Destination Name	Identifier/Entry
1	ABC OFFICE FURN CO	9876/*DEFAULT
_	ABC OFFICE FURN CO	9876/ACCOUNTS PAYABLE
=	ABC OFFICE FURN CO	9876/ACCOUNTS RECEIVABLE

F3=Exit F5=Refresh F11=View 2 F12=Cancel

Press F11 to display different views of the destinations. View 2 displays fax numbers of the destinations; view 3 displays the contact field.

To select a destination, type a 1 (Select) next to the destination name that you want to select. Press the Enter key to confirm your selection or press F12 to cancel.

Entering a Fax Destination

To enter a fax destination that is not in the fax master list, type a destination name on the Submit Fax display in the *Destination Name* column. Press the Enter key.

Submit Fax

Fax request type : *GENFAXSPL, generate a fax spooled file
Description :

Type distribution list or destinations, press F10 to send.
Distribution list _____ F4 for list

Destination Name	Identifier/Entry
TEMPORARY DESTINATION _____	9876/*DEFAULT

More...

F3=Exit F4=Prompt F5=Refresh F10=Send
F11=View 2 F12=Cancel F24=More Keys

A message appears at the bottom of the display, as follows:

FRQ8920 Destination xxxx could not be found.

This message explains that fax support could not find the destination in the fax master list. You can press the F10 key to continue with the fax transmission. The Complete Destination Information window appears.

```
Fax request type . . . . . : *GENFAXSPL, generate a fax spooled file
Description . . . . . :

Complete Destination Information

Type choices, press Enter.

Destination name . . . . . TEMPORARY DESTINATION _____
Identifier . . . . . _____
Entry . . . . . _____
Contact . . . . . _____
Fax number . . . . . _____

F12=Cancel
Fax number cannot be all blanks.

F3=Exit  F4=Prompt  F5=Refresh  F10=Send
F11=View 2  F12=Cancel  F24=More Keys
```

Type destination information in the window. You can confirm the destination information by pressing the Enter key, or you can end this function by pressing F12 (Cancel). The Submit Fax display returns, from which you can press the F10 key to send the fax or perform other tasks.

Fax support uses the destination information that you specify only for this fax transmission, and does not save it in the fax master list.

Changing Fax Defaults

For this fax transmission, you can override the fax defaults that are specified in the fax user profile. To change fax defaults, press F13 (Change Defaults) on the Submit Fax display. The Change Defaults window appears.

Fax request type : *GENFAXSPL, generate a fax spooled file
Description :

```
Change Defaults
Type choices, press Enter.
Text . . . . . : _____
Create cover page . . . . . I 1=Yes, 2=No
Completion acknowledgment:
  Send message . . . . . I 1=Yes, 2=No
  Message type . . . . . I 1=User, 2=Break, 3=Mail
Transmission mode . . . . . I 1=Fine, 2=Normal
Fax description . . . . . *ANY *ANY, Name
Send time . . . . . *CURRENT *CURRENT, Time
Send date . . . . . *CURRENT *CURRENT, Date
F4=Prompt F9=Reset F12=Cancel
```

For a fax request, you can use the Change Defaults window to change any of the following information:

Text The text description that is used in the Check Fax Status display and acknowledgment message.

Create cover page
Whether or not to create a cover page.

Completion acknowledgment
Whether or not to send a completion acknowledgment and, if so, what type of completion acknowledgment to send.

Transmission Mode
Transmission mode, either fine or normal.

Fax description
Fax description to use when sending the fax.

Send time
What time of day to send the fax. The value you specify overrides the send time in your fax profile. This value also overrides the destination send time if you specified *CURRENT in the master list entry. If you did not specify *CURRENT in the master list entry, use the Change Details window to override the Send time that you specified in the master list entry. See "Changing Fax Details" on page 71 for details.

Send date
The date on which to send the fax.

Note: If you have multiple destinations in the list, a change made to ANY destination in the list will affect ALL destinations in the list.

Working with the Cover Page

To work with a cover page for a specific destination, position your cursor next to the destination name on the Submit Fax display. Press F9 (Work with Cover Page). The Work with Cover Page display appears.

Work with Cover Page

Destination name : ABC OFFICE FURN CO
 Identifier/Entry : 9876/*DEFAULT
 Contact : James Dole

Type choices, press Enter.

Fax number 3214567890_____

Title Fax From Mary Martin_____

To ABC Office Furniture Co._____

From _____

Comment _____

F3=Exit F12=Cancel F13=Change Details

Fax support retrieves the information that is shown in the *Title*, *To*, and *Fax number* fields from the destination entry description, if found in the fax master list. The information in the *From* field comes from the fax profile of the current user. If you are resending a fax, fax support uses the cover page information and the original cover page printer file from the original fax.

You can make changes to the fields on the Work with Cover Page display. For example, if a fax failed because of an incorrect telephone number, you can change the fax number field on this display.

You can confirm any changes made to this display by pressing the Enter key or end this function by pressing F12 (Cancel).

Changing Fax Details

| You can change the details for a specific individual destination. The details on the
 | Change Details display come from either of the following:

- | • The user's fax profile
- | • The Change Defaults display, if you made changes on that display

| To change the detail information for this destination, select F13 (Change Details)
 | from the Work with Cover Page display. The Change Details window appears.

```

                                Work with Cover Page
Destination name . . . . . : ABC OFFICE FURN CO
Identifier/Entry . . . . . : 9876/*DEFAULT

                                Change Details
Type choices, press Enter.
Text . . . . . : _____
Create cover page . . . . . I 1=Yes, 2=No
Completion acknowledgment:
  Send message . . . . . I 1=Yes, 2=No
  Message type . . . . . I 1=User, 2=Break, 3=Mail

Transmission mode . . . . . I          1=Fine, 2=Normal
Fax description . . . . . *ANY_____ *ANY, Name
Send time . . . . . *CURRENT          *CURRENT, Time
Send date . . . . . *CURRENT          *CURRENT, Date

F4=Prompt  F9=Reset  F12=Cancel

```

You can reset the details information to default values. The default values are those you specified when you used F13 (Change Defaults) on the main Submit Fax command display after you selected F9 (Reset). You can confirm any changes made to this display by pressing the Enter key or end this function by pressing F12 (Cancel).

If you are resending this fax, fax support retrieves the Text information from the original fax submission. If you sent a cover page with the original fax, the value of the Create Cover Page parameter is Yes.

Selecting a Fax Description

You can select a fax description when you send a fax. To do so, position your cursor to the *Fax description* field in the Change Defaults window on the Submit Fax display or the Change Details window on the Work with Cover Page display. Press F4 (Prompt). The Select Fax Description display appears with a list of all of the currently defined fax descriptions.

Select Fax Description

Type option, press Enter.
1=Select

Opt	Name	Status	Description
1_	FAXD01	Active	Fax controller 1
—	FAXD02	Active	Fax controller 2
—	TRD55	Inactive	Facsimile Description For TRD55

F3=Exit F5=Refresh F12=Cancel

To select a fax description, type 1 (Select) next to the description name and press the Enter key. If the controller you selected is active when you send the fax, fax support uses that controller. If not, the fax waits until the controller is active. The value of *ANY for the fax controller name specifies that fax support uses the next available fax controller to send the fax.

You can confirm any changes made to this display by pressing the Enter key or cancel this function by pressing F12 (Cancel).

Sending a Fax

To send a fax to the specified destinations, press F10 (Send) on the Submit Fax display. You must specify at least one fax destination before you can send a fax.

A message appears at the bottom of the display after the fax request has completed and all selected destinations are removed from the display. The following Submit Fax display shows an example of a message.

- Select F15 (User application send) on an OfficeVision/400 send display, such as any of the following displays:
 - Send a Note
 - Send a Document
 - Forward a Mail Item
 - Reply to a Mail Item
- Use a business application that has integrated the SBMFAX command.
- Select option 24 (Submit Fax) on the FAXOUT (Outbound Fax Commands) menu.
- Select option 9 (Resend) on the Check Fax Status display to resend a failed fax.
- Select option 9 (Submit Fax) on the Work with Received Faxes display to resend a received fax.
- Type the Work with Fax Output Queue (WRKFAXQ) at the command line and press the F4 key to prompt for additional parameters. Enter *SAVQ or *ERRQ for the OUTQ parameter and press the Enter key. Select option 1 (Submit Fax) to resend saved faxes or faxes that failed with an error.

Note: For more information about using the SBMFAX command, and information about integrating Enhanced Services with your line of business applications, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

Chapter 8. Monitoring the Status of Outbound Faxes

This chapter describes how to use the Enhanced Services Check Fax Status (CHKFAXSTS) command to monitor the status of outbound faxes that are sent using the SBMFAX command.

Fax support creates a status entry during each fax transmission. The CHKFAXSTS command uses the status entry information to give you details about faxes you or other users have transmitted. This information includes whether the fax request completed normally and, if not, what errors occurred.

Using the Check Fax Status (CHKFAXSTS) Command

You can start the CHKFAXSTS command in one of the following ways:

- Using option 5 (Outbound) on the Facsimile Support for AS/400 main menu, then using either option 22 on the Outbound Fax commands menu or option 22 from the Fax User menu.
- Typing CHKFAXSTS at the command line and pressing F4 (Prompt) for additional parameters

When you press F4 to prompt for additional parameters, the Check Fax Status (CHKFAXSTS) display appears.

```

                                Check Fax Status (CHKFAXSTS)

Type choices, press Enter.

Fax status for user . . . . . *CURRENT__ *CURRENT, *ALL, Name
Send date . . . . . *ALL__ *ALL, *CURRENT, Date
Send time . . . . . *ALL__ *ALL, Time
Destination . . . . . *ALL__
Identifier . . . . . *ALL__
Entry . . . . . *ALL__
Description . . . . . *ALL__
Log entry type . . . . . *ALL__ *ALL, *NONERROR, *ERROR
Allow fax status reset . . . . . *NO *NO, *YES
Allow user name to be changed . *NO *NO, *YES

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```

The Check Fax Status (CHKFAXSTS) display has the following options:

Fax status for user

Specifies the user whose fax transmissions are displayed. The default is the current user. You can see only those fax transmissions for which you have authority.

Send date

Specifies how status records are to be selected based on date. The default is for all dates to be selected.

Send time

Specifies how status records are to be selected based on time. The default is for all time values to be selected.

Destination

Specifies the destination name to use when selecting records for display. The default is for all destinations to be selected.

Identifier

Specifies the identifier to use when selecting records for display. The default is for all identifiers to be selected.

Entry Specifies the entry to use when selecting records for display. The default is for all entries to be selected.

Description

Specifies the description to use when selecting records for display. The default is for all descriptions to be selected.

Log entry type

Specifies the type of log entries to use in selecting records for display. The default is for all log entry types to be selected.

Allow fax status reset

In the event of an error, specifies whether a user can change the status of the faxes that are listed.

Allow user name to be changed

Specify whether a user can change the name in the *User* field on the Check Fax Status display. This allows a user to view another user's outbound fax status.

If you select *NO, you can view only the specified user's status information. The *User* field is not active.

If you select *YES, you can change the *User* field on the Check Fax Status display to view another user's status.

Using the Check Fax Status Display

When you enter the CHKFAXSTS command, the Check Fax Status display appears.

```

                                Check Fax Status

User . . . . : LGRASS___

Type option, press Enter.
 4=Remove          5=Work with status      6=Print
                   9=Resend fax          12=Display fax

Opt  Destination Name          Scheduled
                                Date      Time      Status
---  ABC OFFICE FURN CO        01/20/98  11:13:44  Errors occurred
---  ABC OFFICE FURN CO        01/20/98  12:42:44  Sending
---  PRINT ROOM                01/20/98  10:36:12  Sending

F3=Exit   F4=Prompt   F5=Refresh  F6=Print   F9=System Command
F10=Display Messages  F11=View 2  F12=Cancel  F24=More Keys

```

The Check Fax Status display lists all faxes that were transmitted by a specified user. Fax transmissions remain in the list until removed by the user (see “Removing a Status Entry” on page 82) or deleted by the Enhanced Services cleanup job. This list shows, in date sequence and time sequence, the destination name, date, time, and status of each fax transmission. If you cannot find the transmission you want, use the Page Up and Page Down keys to scroll through the list of transmissions.

The *Status* field lists the completion status of the transmission. Table 1 shows the possible fax status values.

Table 1. Fax Status Values

Status	Description
Waiting to create	A fax job has not started to create the fax.
Creating	A fax job is creating the fax now.
Deferred	The sending of the fax is deferred to a later date or time.
Sending	The fax is in the transmission process.
Resending	A resent fax is in the transmission process.
Finished	The fax transmission has completed with no errors.
Errors occurred	The fax transmission did not complete successfully. Further problem analysis is required.
Error reset	A user reset the fax status due to some other error condition.

You can use F11 to display different views of the Check Fax Status display. View 2 shows the identifier/entry associated with the destination name.

Check Fax Status

User LGRASS____ F4 for list

Type option, press Enter.

4=Remove 5=Work with status 6=Print
 9=Resend fax 12=Display fax

Opt	Destination Name	Identifier/Entry
—	ABC OFFICE FURN CO	9876/*DEFAULT
—	ABC OFFICE FURN CO	9876/*DEFAULT
—	PRINT ROOM	*NONE/*NONE
—	TEMP	/*DEFAULT

F3=Exit F4=Prompt F5=Refresh F6=Print F9=System Command
F10=Display Messages F11=View 2 F12=Cancel F24=More Keys

View 3 shows the status details of the fax transmission. The status details reflect the status of the spooled file and the output queue the spooled file is currently in.


```

Check Fax Status

User . . . . . LGRASS___ F4 for list

Type option, press Enter.
  4=Remove          5=Work with status    6=Print
                    9=Resend fax          12=Display fax

Opt  Destination Name      Status Details

___  ABC OFFICE FURN CO      Transmitted successfully
___  ABC OFFICE FURN CO      Transmitted successfully
___  PRINT ROOM              Not available
___  TEMP                    Waiting for fax controller

F3=Exit   F4=Prompt   F5=Refresh  F6=Print   F9=System Command
F10=Display Messages  F11=View 2  F12=Cancel  F24=More Keys

```

Table 2 provides the possible fax status detail values.

Table 2. Fax Status Detail Values

Status Detail	Description
Not available	Specifies that the fax spooled file has not been created or it has been removed from your system.
Waiting for fax controller	Specifies that the fax is either scheduled to be transmitted at a later date and time or no fax controller is currently available to transmit the fax.
Preparing to transmit	Specifies that the fax is being sent to the fax controller and it is being prepared to transmit to the requested fax number.
Transmitting the fax	Specifies that the fax is being sent to the requested fax number.
Post transmit cleanup	Specifies that the fax controller and the AS/400 system are running cleanup procedures that are part of the post-transmit steps.
Errors during transmission	Specifies that one or more errors occurred during the transmission and the transmission did not fully complete.
Transmitted successfully	Specifies that no errors occurred during the fax transmission.

View 4 shows the description of outbound faxes.

```

Check Fax Status

User . . . . . LGRASS___ F4 for list

Type option, press Enter.
  4=Remove          5=Work with status    6=Print
                    9=Resend fax          12=Display fax

Opt Destination Name Description

___ ABC OFFICE FURN CO Document RCV00677 in RCVFAX
___ ABC OFFICE FURN CO Document RCV00677 in RCVFAX
___ PRINT ROOM Document D123 in LGRASS
___ TEMP Document RCV00678 in RCVFAX

F3=Exit F4=Prompt F5=Refresh F6=Print F9=System Command
F10=Display Messages F11=View 2 F12=Cancel F24=More Keys

```

View 5 shows the completion date and time for outbound faxes.

```

Check Fax Status

User . . . . . LGRASS___ F4 for list

Type option, press Enter.
  4=Remove          5=Work with status    6=Print
                    9=Resend fax          12=Display fax

Opt Destination Name Scheduled Completed
Date Time Date Time

___ ABC OFFICE FURN CO 09/30/97 15:00:00 00/30/97 15:12:00
___ ABC OFFICE FURN CO 09/30/97 12:38:01 09/30/97 12:45:00
___ PRINT ROOM 09/30/97 12:36:28

F3=Exit F4=Prompt F5=Refresh F6=Print F9=System Command
F10=Display Messages F11=View 2 F12=Cancel F24=More Keys

```

If the completion date and time fields are blank, this signifies that the fax transmission has not completed.

Removing a Status Entry

You do not need to keep the status entry on your AS/400 system after the fax recipient has successfully received the fax. Use option 4 (Remove) on the Check Fax Status display to remove the status entry.

When you use the remove option, the Facsimile Support for AS/400 product first checks to see if you have authority to remove the spooled file. If you have the proper authority, fax support automatically removes the spooled file and the associated status entry. You can remove the status entry when the fax status is one of the following:

- Deferred (until one minute before the fax is scheduled to transmit)
- Finished
- Errors occurred
- Error reset

To protect your fax, you cannot remove a status entry when the fax status is any of the following:

- Waiting to create
- Creating
- Sending
- Resending

To remove a status entry, type a 4 (Remove) next to the appropriate destination name on the Check Fax Status display and press the Enter key. The Remove Status Entry display appears.

Remove Status Entry

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choices.

Destination Name	Identifier	Spooled File
ABC OFFICE FURN CO	9876	RCV00677

F3=Exit F12=Cancel

Press the Enter key to confirm that you want to remove the status entry and associated fax spooled file. Otherwise, press F12 (Cancel) to end this function.

Working with Status Entries

During the fax transmission process, fax support creates a status entry. To display a status entry, type a 5 (Work with Status) next to the appropriate destination name on the Check Fax Status display and press the Enter key. The Work with Status Entries display appears.

```

Work with Status Entries

User . . . . . : LGRASS
Option . . . . . : *GENFAXSPL, generate a fax spooled file
Destination . . . . . : TEMP
Fax number . . . . . : 00181
Status . . . . . : Errors occurred
  Details . . . . . : Not available
Fax Description . . . . . : *ANY
Spooled file . . . . . : QPFQPS number 0003
  Job . . . . . : 001724/LGRASS/GENFAXSPL
  Status . . . . . :
  Output queue . . . . . :
Connection time . . . . . : 00:00:00
Sent pages . . . . . : 0
Type option, press Enter.
  8=Display Details
Opt   Log Type      Message Text
-      *GENERATE      Errors occurred
-      *SNDFAX       SNDFAX command has not been issued.
-      *COMPLETION   Completion status has not been received.

F3=Exit  F5=Refresh  F12=Cancel

```

The Work with Status Entries display shows the status entry that is created for a fax transmission. The following three steps complete each fax transmission:

1. **Fax Generation (*GENERATE):** Starts a command or program that generates output for later faxing.
2. **SNDFAX Command Run (*SNDFAX):** Starts the faxing process for your fax request.
3. **Completion Acknowledgment (*COMPLETION):** Waits for the acknowledgment of either a successful or unsuccessful transmission.

From the Work with Status Entries display, you can view any messages that were created during the fax transmission. If errors occur, fax support records them for you to view. You can also view any available second-level help for these messages.

To display the detailed messages that are created during fax transmission, type an 8 (Display Details) next to the appropriate log type entry. Press the Enter key. The Display Log Details display appears, showing any messages that were created during fax transmission. If an error occurred during the *GENERATE or *SNDFAX steps of the transmission, you can use the F10 (Display Message) key on the Check Fax Status display to display the job log associated with the errors.

The following display provides an example of details for the *GENERATE fax transmission step.

Display Log Details

Message ID . . . : FRQ0028 Log type . . . : *GENERATE
Severity . . . : 00

First Level Text
Message : No errors during fax spool generation.

Second level Text
Cause : The generation of the fax spool file was
 successful. No errors were encountered while processing the command
 that generated the fax spooled file.

F3=Exit F12=Cancel

The following display provides an example of details for the *SNDFAX fax transmission step.

Display Log Details

Message ID . . . : FRQA021 Log type . . . : *SNDFAX
Severity . . . : 00

First Level Text
Message : No errors during SNDFAX command processing.

Second level Text
Cause : Processing of the SNDFAX command completed
 normally. Check the log entry type *COMPLETION for the completion
 status messages.

F3=Exit F12=Cancel

The following display provides an example of details for *COMPLETION fax transmission step.

Display Log Details

```
Message ID . . . : FAXC104           Log type . . . : *COMPLETION
Severity . . . : 00

First Level Text
Message . . . . : Fax transmission to telephone number 95530
                  completed successfully.

Second level Text
Cause . . . . . : The spool file TEMP number 0001 from job
                  006358/LGRASS/FAXOFCD0C has been successfully sent to the remote
                  fax device at telephone number 95530.
Recovery . . . . : None.
Technical description . . . : Fax controller module I.D. is X'02120000'.
```

F3=Exit F12=Cancel

When you are finished viewing detail messages, press the Enter key or F12 (Cancel) to return to the Work with Status Entries display.

Printing Fax Status for Individual Entries

To print a status report for an individual entry, select option 6 (Print) on the Check Fax Status display. The detailed status report includes the following information:

- Destination, Identifier, and Entry to which you sent the faxes
- Scheduled date and time for the fax transmissions
- Status of the fax transmissions
- Duration of the fax transmissions in the format HH:MM:SS, where HH is hours, MM is minutes, and SS is seconds
- How many pages you sent
- The spooled file name for each fax
- Fax generation information
- Send Fax (SND FAX) command execution information
- Completion acknowledgment information

The resulting report is named QPFQSS and placed in your default output queue.

Resetting Status

If a fax job ends abnormally, you may need to change the status of the fax so that you can resend it. For example, a fax controller may end abnormally, leaving a fax in *sending* status. After you have solved the problem, you can change the status and resend the fax.

Note: This option is available only if you specified *YES for the RESET parameter on the Check Fax Status (CHKFAXSTS) command.

When you reset the status of a fax, the following functions can occur:

- You can issue the resend function, even at a time when this function is normally not allowed.
- You can issue the remove status entry function, even at a time when this function is normally not allowed.

Before resetting the status of a fax request, you should try to determine the cause of the problem. See the *Facsimile Support for AS/400 Programmer's Guide and Reference* for details on problem analysis.

To reset the status of a fax request, select option 8 (Reset status) on the Check Fax Status display and press the Enter key. The Reset Status display appears.

Reset Status

Press Enter to confirm your choices for 8=Reset Status
Press F12=Cancel to return to change your choices.

Destination Name	Identifier	Spooled File
ABC OFFICE FURN CO	9876	TEST

F3=Exit F12=Cancel

You can confirm resetting the fax status by pressing the Enter key or end this function by pressing F12 (Cancel). Once you reset the fax status for a selected fax, fax support changes the status to Error reset.

Resending a Fax

To resend a fax, select option 9 (Resend fax) on the Check Fax Status display. You should only have to resend a fax if the fax machine at the fax destination was busy or was not powered on and ready.

If you need to resend your fax, you can do so when the fax status is:

- Finished
- Error occurred
- Error reset

You cannot resend your fax if the fax status is:

- Waiting to create
- Creating
- Deferred
- Sending
- Resending

To start the resend process, type a 9 (Resend fax) next to the appropriate destination name and press the Enter key. The Submit Fax display appears. From this display, you can change all the send information and specify additional destinations. From the Submit Fax display, you can also change the destination phone number by pressing the PF9 key.

Fax support then updates the existing Check Fax Status (CHKFAXSTS) entry with the resend information. The fax status changes to Resending, and the status entry for faxes sent as *CURRENT become the first status entry. If you added additional destinations to the Submit Fax command, those destinations have their own status entries.

If you use the automatic resend function of Enhanced Services, the same status entry is used for each resend attempt. You can still find additional information about earlier resend attempts in the QAFFTLOG transaction log and the QFAXOPR message queue.

Viewing a Fax

To view an outbound fax online, select option 12 (Display fax) on the Check Fax Status display. If the fax contains special characters, such as graphics or overlays, fax support displays only the text portion (if there is any). Option 12 does not display the cover page for a fax transmission.

The Display Spooled File display appears.

```

                                     Display Spooled File
File . . . . . : QPFQFN                      Page/Line  1/1
Control . . . . . : _____                Columns  1 - 78
Find . . . . . : _____
*...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
To:      JIM
From:    Laurie
Date:    01/06/98
Subject: Meeting Notice
         There will be a meeting to discuss inventory control in Conference
         Room 2 at 11:00 AM tomorrow. Will you attend?

F3=Exit  F12=Cancel  F19=Left  F20=Right  F24=More keys
```

While trying to view a fax, you may receive a message on the Check Fax Status display that reads:

Spooled file could not be viewed or found.

The following conditions could cause this message:

- The fax is not completely generated.
- The fax spooled file has already been deleted.
- The Facsimile Support for AS/400 product is using the fax. Wait and try the function again later.

- The fax contains image data that cannot be viewed by your workstation.

After viewing a fax online, you can press F12 (Cancel) to return to the Check Fax Status display.

Prompting for Different Fax Profiles

To select a different fax profile for viewing status information, press F4 (Prompt) on the *User* field of the Check Fax Status display. The Select Fax Profile display appears.

Note: The F4 key is active only if you specified *YES for the Change User (CHGUSR) parameter when you initiated the CHKFAQSTS command.

Select Fax Profile

Position to ____

Type option, press Enter.
1=Select

Opt	User Name	Description
—	ACCTG	Accounting User Profile
—	BUSUSR	Business Dept. Profile
—	LGRASS	LGRASS Profile
—	QSECOFR	Security Officer Profile
—	QSRV	Service User Profile
—	QSYS	System Profile

F3=Exit F5=Refresh F12=Cancel

To select a fax profile, type a 1 (Select) next to the profile name and press the Enter key. This refreshes the list with the status information you selected.

Printing the Fax Status Report

To print a status report of all your fax transmissions, press F6 (Print) from the Check Fax Status display. This status report includes:

- Destination, Identifier, and Entry to which you sent the faxes
- Scheduled date and time for the fax transmissions
- Status of the fax transmissions
- Duration of the fax transmissions in HH:MM:SS
- How many pages you sent
- The spooled file name for each fax

Fax support places the resulting report, named QPFQSS, in your default output queue.

Changing Display Modes

While you are checking the status of faxes, you can view certain types of status entries on your display. This helps to reduce the list of entries and simplifies the process of finding a particular entry. The default is to start by displaying all of the entries (All mode). You can change the mode by using one of the following function keys.

- F13** Displays all of the fax status information for the current user.
- F14** Displays all the NONERROR fax status information for the current user.
- F15** Displays all the error fax status information for the current user.

Sequencing Status List

Select F16 (Sequence List) to select status records by date, time, destination, or description. The Sequence List window appears.

Check Fax Status

Sequence List

Type choices, press Enter.

Date *ALL____ *ALL, *CURRENT, Date
Time *ALL____ *ALL, Time

Destination *ALL_____ *ALL, Value
Identifier *ALL_____ *ALL, Value
Entry *ALL_____ *ALL, Value
Description *ALL_____ *ALL, Value

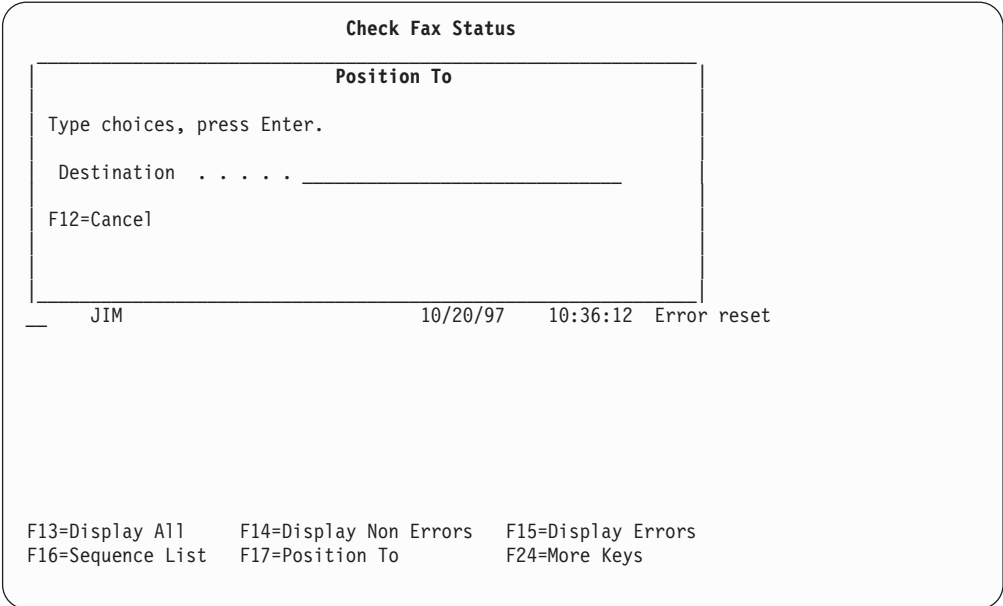
F12=Cancel

F13=Display All F14=Display Non Errors F15=Display Errors
F16=Sequence List F17=Position To F24=More Keys

Type the send date, time, destination, identifier, entry, or description values, and press the Enter key. Fax support then sequences the list according to these new values. Use the value of *ALL to view all the status records.

Positioning Status List

To position the status list according to a destination name, press F17 (Position To). The Position To window appears.



Type in the destination name and press the Enter key. This positions the list to the closest matching destination name.

Chapter 9. Inbound Features of Enhanced Services

The following chapter describes the inbound features of Enhanced Services. These functions include:

- Filing a received fax
- Removing a received fax
- Working with log entries
- Printing a received fax
- Sending notification
- Running a user receive program
- Faxing the received fax
- Sending a fax as a document
- Updating a destination with Transmitting Subscriber Identifier (TSI) information
- Viewing an image
- Printing an Inbound Status Report
- Updating a fax profile with routing information

You must properly configure Enhanced Services to perform these functions. To do so, you must use the Configure Fax Services (CFGFAXSRV) command. For information, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

Inbound Functions

Transmitting a fax to the AS/400 system is similar to scanning an image. Faxes that are received on any of the telephone lines that are associated with the Facsimile Support for AS/400 product are placed in a member within an AS/400 system database file. Enhanced Services provides the capability to work with the received faxes.

Enhanced Services provides the following options to handle incoming faxes. You can use these options singly or together.

- Use the Configure Fax Services (CFGFAXSRV) command to configure the Enhanced Services features to automatically print, file, or call a receive program. Fax support performs these functions on all inbound faxes.
- Use the Work with Received Faxes (WRKRCVFAX) display to perform functions on specific faxes.
- Use the TSI code of the sending fax machine to route inbound faxes to specific users. Use the Work With TSI Routing (WRKTSIRTG) command to set up the TSI functions. See "Inbound Transmitting Subscriber Identification (TSI) Routing" on page 139.
- Use a routing code that is based on tones that are received from the sending fax machine. For example, fax devices that support Dual Tone Multi-Frequency (DTMF) codes can send these tones. The fax device converts these tones to corresponding numbers (0 through 9). To set up the routing code functions, use the Work with Fax Profiles (WRKFAXPRF) command. For details on this command, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*.

Using the Work with Received Faxes Display

The Work with Received Faxes (WRKRCVFAX) display allows you to view a list of all the faxes that were received on your AS/400 system. To do so, select option 6 (Inbound Fax Commands) from the Facsimile Support for AS/400 main menu, then select option 21 (Work with Received Faxes). This is the same as entering the Work with Received Faxes (WRKRCVFAX) command. The Work with Received Faxes (WRKRCVFAX) display appears.

```
Work with Received Faxes (WRKRCVFAX)

Type choices, press Enter.

Receive date . . . . . *ALL____ *ALL, *CURRENT, Date
Receive time . . . . . *ALL____ *ALL, Time
Fax routing code . . . . . *TSI____ *TSI, *TONE

F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

You can use the Receive date and Receive time parameters on this display to work with faxes. You can work with all of the received faxes, or you can work with only those that you received at a specific date or time. To work with all of the received faxes, specify *ALL.

There are two ways that you can view inbound faxes:

***TSI** Fax support lists the faxes according to the TSI routing information.

***TONE**

Fax support lists the faxes according to the received routing codes. These codes are based on tones that are received from the sending fax machine. Such faxes might be sent by a fax machine that supports DTMF and direct inward dial (DID) codes.

Note: When the Facsimile Support for AS/400 product is shipped, *TSI is the default. However, you can change the default for all users to *TONE. To do so, the system administrator must use the Change Command Default (CHGCMDDFT) command to change the defaults for the Work with Received Faxes (WRKRCVFAX) command.

Press the Enter key to display a list of received faxes. If you specified a routing type of *TSI, continue with “*TSI Routing Type” on page 95. If you specified a routing type of *TONE, continue with “*TONE Routing Type” on page 108.

*TSI Routing Type

If you specified *TSI for the Fax routing code, your list should be similar to the one that is shown on the following display:

```
Work with Received Faxes

Type option, press Enter.
 1=File   4=Remove  5=Work with log entries  6=Print
 7=Send notification  8=Run receive program  9=Submit fax
10=Send document  11=Update destination  12=View image

Opt   TSI Code           Fax Desc   Slot/Port Text
---   ---
      111 222 3456      FAXD08    FAX1      ABC Accounts Receivable
      111 234 5678      FAXD08    FAX1      Order Entry, Simpson Grocery

F3=Exit   F5=Refresh  F6=Print      F10=Display Messages
F11=View 2 F12=Cancel  F16=Sequence List F17=Position To
```

You can set up the Facsimile Support for AS/400 product to maintain a log. The log contains a list of all of the actions that are performed on received faxes. In this case, each received fax has one or more log entries associated with it. If you used the CFGFAXSRV command to disable the inbound fax receive job, fax support does not maintain a log.

Fax devices that do not have TSI configured will send faxes with the TSI code *Not Specified*. Press F11 (View 2) to view the destination/identifier that is associated with each TSI code if a match exists in the fax master list.

```
Work with Received Faxes

Type option, press Enter.
 1=File   4=Remove  5=Work with log entries  6=Print
 7=Send notification  8=Run receive program  9=Submit fax
10=Send document  11=Update destination  12=View image

Opt   TSI Code           Destination/Identifier/Entry
---   ---
      111 222 3456      ABC OFFICE FURN CO/9876
      111 234 5678      SIMPSON GROCERY/400

F3=Exit   F5=Refresh  F6=Print      F10=Display Messages
F11=View 3 F12=Cancel  F16=Sequence List F17=Position To
```

Press F11 (View 3) again to view the fax description, slot or port information, and associated text for the received fax.

Work with Received Faxes

Type option, press Enter.

1=File 4=Remove 5=Work with log entries 6=Print
7=Send notification 8=Run receive program 9=Submit fax
10=Send document 11=Update destination 12=View image

Opt	TSI Code	Fax Desc	Slot/Port	Text
—	111 222 3456	FAXD08	FAX1	ABC Accounts Receivable
—	111 234 5678	FAXD08	FAX1	Order Entry, Simpson Grocery

F3=Exit F5=Refresh F6=Print F10=Display Messages
F11=View 1 F12=Cancel F16=Sequence List F17=Position To

Press F16 (Sequence List) to select a subset of the list according to date and time. This displays the Sequence List window. From this window, you can choose to work with any of the following:

- All received faxes
- Faxes that are received on the current date
- Faxes that are received at a specific date and time

Work with Received Faxes

Sequence List

Type choices, press Enter.

Date *ALL ___ *ALL, *CURRENT, Date
Time *ALL ___ *ALL, Time

F12=Cancel

fax
image

s Receivable
, Simpson Grocery

F3=Exit F5=Refresh F6=Print F10=Display Messages
F11=View 1 F12=Cancel F16=Sequence List F17=Position To

Press F17 (Position To) to position the list to the first occurrence of specified TSI code. The Position To window appears.

Work with Received Faxes

Position To

Type choices, press Enter.

TSI Code _____

F12=Cancel

eivable
pison Grocery

F3=Exit F5=Refresh F6=Print F10=Display Messages
F11=View 1 F12=Cancel F16=Sequence List F17=Position To

To confirm your selections, press the Enter key. Press F12 (Cancel) to end this function.

Filing a Received Fax

Use option 1 (File) on the Work with Received Faxes display to file a received fax. Type a 1 next to the appropriate entry and press the Enter key. The File Received Fax display appears.

File Received Fax

Destination name :

Identifier/Entry :

TSI code : 222 345 6789

Receive date and time : 06/10/97 12:05:04

Type choices, press Enter.

Document *GENERATE__ Name, *GENERATE

Folder RCVFAX _____

Document type *RFTDCAFAX *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX

Paper size *LETTER *LETTER, *LEGAL, *A4, *B4

Mapping value *POSITION *POSITION, *CENTER, *SCALE

Delete fax 2 1=Yes, 2=No

F3=Exit F12=Cancel

Use the File Received Fax display to specify the following parameters:

Document

Specifies the document name for the received fax. You can select a document name by typing in a new name. The name you type must not already exist.

You can type *GENERATE as the document name. *GENERATE uses the RCVnnnnn format (where nnnnn is in the range of 00001 to 99999) to automatically file the document.

Folder

Specifies the folder name for the received fax. You can select the default folder (RCVFAX) or type the name of a folder that already exists. When using the default folder or typing an existing folder name, you must have *CHANGE authority for the folder selected.

Document type

Specifies the document type for the received fax. Valid document types are *RFTDCAFAX (Revisable-Form:Document Content Architecture), *RFTDCA, *MODCAFAX (Mixed Object:Document Content Architecture), *MODCA, *TIFF, or *TIFFFAX. Specify *RFTDCAFAX or *RFTDCA to allow users to work with the document in the OfficeVision for AS/400 environment. Specify *TIFFFAX if you are using the SAP viewer.

Paper size

Specifies the paper size to use when formatting the fax. When you print or display the fax, the paper size determines the size of the output area. Due to the boundary areas that are required by printers, the output area is slightly smaller than the specified paper size.

Mapping value

Specifies how fax support is to place the fax image in the output area.

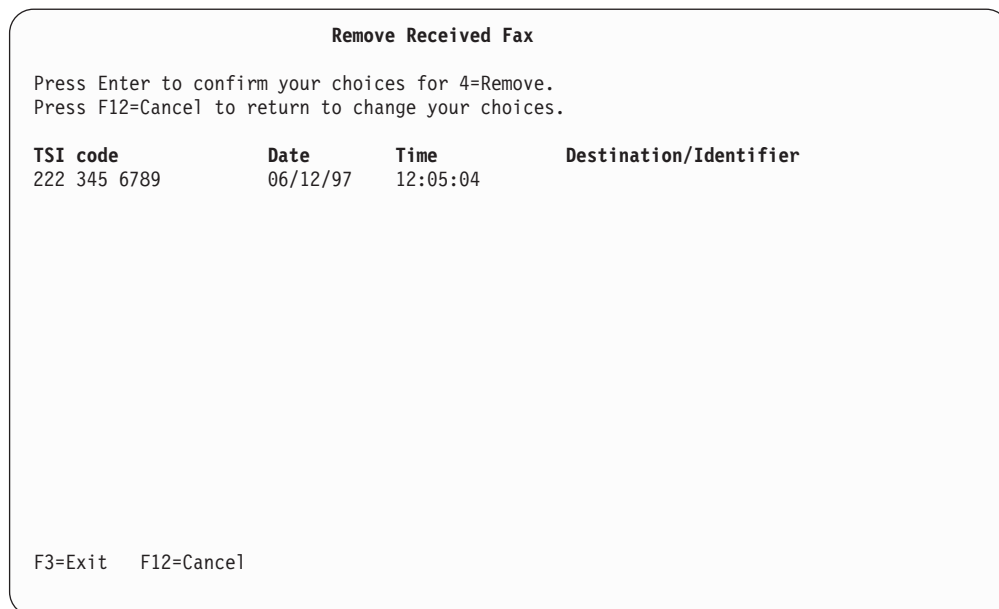
Delete fax

Specifies whether you want the fax and its associated log entries removed after filing the fax. If so, set this value to Y. If not, leave the default parameter value, N.

After you confirm your selections on the File Received Fax display, press the Enter key. To end this function, press F12 (Cancel).

Removing a Received Fax

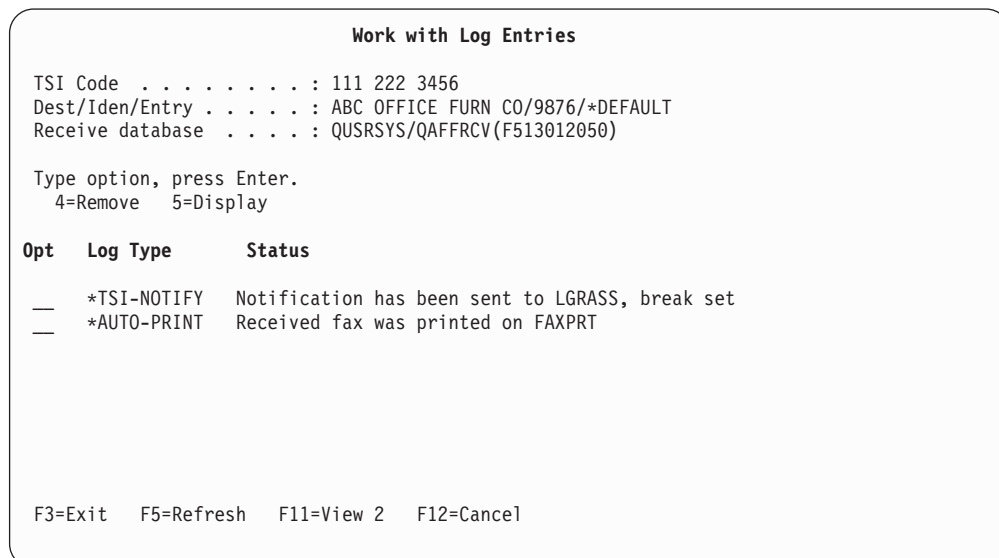
Use option 4 (Remove) on the Work with Received Faxes display to remove a received fax and its associated log entries. Type a 4 next to the appropriate entry and press the Enter key. The Remove Received Fax display appears.



To confirm the removal of the fax, press the Enter key. Press the F12 (Cancel) key to end this function.

Working with Log Entries

Use option 5 (Work with log entries) on the Work with Received Faxes display to work with the log entries that are generated for a received fax. The log entries provide a history of all the activities that have occurred on the received fax. Type a 5 next to the appropriate entry and press the Enter key. The Work with Log Entries display appears.



The Work with Log Entries display allows you to view details or remove one or more log entries.

Log Entry Types

The following are the log entry types that fax support can generate as a result of a received fax.

***AUTO-PRINT**

Specifies that you set the PRTRCVFAX parameter of the CFGFAXSRV command to *YES. The status of this log entry shows whether fax support successfully printed the fax on the requested print device. (This is the device you specified for the PRTRCVDEV parameter of the CFGFAXSRV command.)

***AUTO-FILED**

Specifies that you set the FILRCVFAX parameter to *YES on the CFGFAXSRV command. The status of this log entry shows whether fax support filed the fax as a document in the requested folder. (This is the document and folder you specified for the FILDOC and FILFLR parameters of the CFGFAXSRV command.)

***AUTO-RCVPGM**

Specifies that you set the STRRCVPGM parameter to *YES on the CFGFAXSRV command. The status of this log entry shows whether the correct program handled the fax. (This is the program you specified for the RCVPGM parameter of the CFGFAXSRV command.)

***USER-PRINT**

Specifies that a user has printed a received fax from the Work with Received Faxes (WRKRCVFAX) display. The status of this log entry shows whether fax support successfully printed the fax the requested device.

***USER-FILED**

Specifies that a user has used the Work with Received Fax (WRKRCVFAX) display to file a received fax. The status of this log entry shows whether the user filed the fax as a document in the requested folder.

***USER-NOTIFY**

Specifies that a user was sent notification of a received fax using the Work with Received Fax (WRKRCVFAX) display. The details of this log entry show whether the notification was sent to the requested user.

***USER-RCVPGM**

Specifies that a user program was started to handle the received fax using the Work with Received Fax (WRKRCVFAX) display. Check the details of the log entry to verify the running of the user program.

***USER-SNDDOC**

Specifies that a received fax was sent as a document to a user using the Work with Received Fax (WRKRCVFAX) display. Check the details of this log entry to verify that fax support sent the document to the requested user.

***TSI-PRINT**

Specifies that a TSI routing entry for printing a received fax was found. Check the details of this log entry to verify that fax support printed the received fax on the requested print device.

***TSI-FILED**

Specifies that a TSI routing entry for filing a received fax was found. Check the details of this log entry to verify that fax support filed the received fax as document in the requested folder.

***TSI-NOTIFY**

Specifies that a TSI routing entry for sending notification to a user was found. Check the details of this log entry to verify that fax support sent the notification to the requested user.

***TSI-RCVPGM**

Specifies that a TSI routing entry for running a user program that handles the received fax was found. Check the details of the log entry to verify that fax support ran the specified program.

***TSI-SNDDOC**

Specifies that a TSI routing entry to send the received fax as a document to a user was found. Check the details of the log entry to verify that fax support sent the document to the requested user.

***TSI-ERROR**

Specifies that TSI routing was specified for a received fax, but no TSI routing entries were found. If you want TSI routing to occur for a received fax, you must enter at least one routing entry for a TSI code.

***TONE-PRINT**

Specifies that a routing entry to print a received fax was found. Display the details of this log entry to verify that fax support printed the received fax on the requested printer device.

***TONE-FILED**

Specifies that a routing entry to file a received fax was found. Display the details of this log entry to verify that fax support filed the received fax as a document in the requested folder.

***TONE-NOTIFY**

Specifies that a routing entry to send notification to a user was found. Display the details of this log entry to verify that fax support sent the notification to the requested user.

***TONE-RCVPGM**

Specifies that a routing entry to start a user program that handles the received fax was found. Display the details of this log entry to verify that the specified program ran.

***TONE-SNDDOC**

Specifies that a routing entry to send the received fax as a document to a user was found. Display the details of the log entry to verify that fax support sent the document to the requested user.

***TONE-ERROR**

Specifies that a routing code was specified for a received fax, but no routing entries were found. If you want routing based on the received tones for a received fax, you must create at least one routing entry for the routing code.

Removing a Log Entry

To remove a log entry, type a 4 (Remove) next to the appropriate log entry on the Work with Log Entries display. Press the Enter key. The Remove Log Entry display appears.

Remove Log Entry

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choices.

Log type	Status
*USER-NOTIFY	Notification has been sent to LGRASS, break set at *NO

F3=Exit F12=Cancel

You can press the Enter key to confirm the removal of the log entry or press F12 (Cancel) to end this function.

Displaying a Log Entry

To display the details of a log entry, type a 5 (Display) next to the appropriate log entry on the Work with Log Entries display. Press the Enter key. The Display Log Entry display appears.

Display Log Entry

Log type : *TSI-SNDDOC

First Level Text
Message : Document RCV01049 in folder RCVFAX was sent to
LGRASS SYS4001.

Second Level Text
Cause : The document RCV01049 in folder RCVFAX was
successfully sent to LGRASS SYS4001. This document had been
originally stored in QUSRSYS/QAFFRCV(F232813043).

F3=Exit F12=Cancel

The Display Log Entry display shows first and second level online help information for the generated log entry. You can press the Enter key to return to the Work with Log Entries display. Press F12 (Cancel) to end this function.

Printing a Received Fax

Use option 6 (Print) on the Work with Received Faxes display to print a fax that was received. Type a 6 next to the appropriate entry and press the Enter key.

The Print Received Fax display appears.

```

                                Print Received Fax
Destination name . . . . . :
Identifier/Entry . . . . . :
TSI code . . . . . : 123 444 5678
Receive date and time . . . . : 07/10/97 12:05:04

Type choices, press Enter.

Print device name . . . . . *JOB_____ Name, *JOB, *SYSVAL
Number of copies . . . . . 001          Number, 1 - 255
Starting page . . . . . 1              1 - 99999
Ending page . . . . . *END            1 - 99999, *END
Paper size . . . . . *LETTER          *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION    *POSITION, *CENTER, *SCALE
Delete after print . . . . . 2        1=Yes, 2=No

F3=Exit  F12=Cancel
  
```

Use the Print Received Fax display to specify the following parameters.

Print device name

Specifies which print device to use to print the received fax. You can select from one of the following print devices:

Name The name of a valid Intelligent Printer Data Stream (IPDS)- and Advanced Function Printing (AFP)-capable printer to print the received fax.

***JOB** The default printer for user printing of the received fax.

***SYSVAL**
The value of the system parameter QPRTDEV is used as the print device.

Number of copies

Specifies the number of copies to print. The valid values for this parameter are 001 to 255.

Starting page

Specifies the starting page number to use when printing a fax.

Ending page

Specifies the ending page number to use when printing a fax.

Paper size

Specifies the paper size to use when formatting the fax. The paper size determines the size of the output area when printing or displaying the fax.

You can specify *LETTER, *LEGAL, *ALL, and *B4. However, the actual printable area is limited by the physical size of the paper that is loaded in the printer. In addition, many printers use an unprintable border, which further reduces the printable area.

You can print a large fax (*LEGAL) on a printer that has smaller (*LETTER) paper. To do so, use a mapping value of *SCALE to reduce the fax to fit on the smaller paper. If the printer is not capable of reducing the image, the fax may be unreadable. In this case, we recommend that you load the printer with paper that matches the size of the fax.

Mapping value

Specifies how to place the fax image in the output area.

Delete after print

Specifies whether to delete the fax after it is printed. You may want to delete the fax and its associated log entries after printing them. To do so, set this value to 1=Yes. Otherwise, leave the parameter value as 2=No.

Sending Notification

Use option 7 (Send notification) on the Work with Received Faxes display to send notification of a received fax. Type a 7 next to the appropriate entry and press the Enter key. The Send Notification display appears.

Send Notification

Destination name :

Identifier/Entry :

TSI code : 333 444 5555

Receive date and time : 06/12/97 12:05:04

Type choices, press Enter.

Message text:

A received fax from 333 444 5555 has been printed on PRT02. _____

Send to Jones

Break message 2 1=Yes, 2=No

F3=Exit F12=Cancel

You can send a break message to either a user ID or a workstation message queue. After you enter the message text and send-to information, press the Enter key to send the notification or press F12 (Cancel) to end this function.

Running a User Receive Program

Use option 8 (Run receive program) on the Work with Received Faxes display to run a user receive program that can handle the received fax. Type an 8 next to the appropriate entry and press the Enter key. The Run User Receive Program display appears.


```

                                Run User Receive Program
Destination name . . . . . : ABC OFFICE FURN CO
Identifier/Entry . . . . . : 9876/*DEFAULT
TSI code . . . . . : 2771234444
Receive date and time . . . . : 07/12/97   12:01:17

Type choices, press Enter.

Program . . . . . : _____ Name
Library . . . . . : *LIBL_____ Name, *LIBL

F3=Exit  F12=Cancel

```

Use the Run User Receive Program display to specify the following parameters.

Program

Specifies the name of the user receive program that handles the received fax.

Library

Specifies the name of the library in which the program resides. Enter a library name or use *LIBL to allow the system to search your library list for the program.

The user receive program needs to know where to find the received fax. Fax support provides a receive data area for this purpose. When it runs, the user receive program can access this data area. See the *Facsimile Support for AS/400 Programmer's Guide and Reference* for more information on the receive data area.

Faxing the Received Fax

Use option 9 (Submit fax) on the Work with Received Faxes display to fax a received fax. Type a 9 next to the appropriate entry and press the Enter key. The Submit Fax display appears.

Submit Fax

Fax request type : *FAXRCVFAX, fax a previously received fax
 Description : Fax of member F513012050

Type distribution list or destinations, press F10 to send.
 Distribution list _____ F4 for list

Destination Name	Identifier/Entry

More...

F3=Exit F4=Prompt F5=Refresh F10=Send
 F11=View 2 F12=Cancel F24=More Keys

No destinations were preselected. +

On this display you can select the fax destination, schedule fax transmission, and send the fax. See "Interactive Fax Requests" on page 63 for more information on the Submit Fax display.

Sending a Fax as a Document

Before you can send a received fax as a document, you must file it. See "Filing a Received Fax" on page 97 for instructions.

Once a fax is filed, you can send it as a document to one or more users. Use option 10 (Send document) on the Work with Received Faxes display. On the Send Document display, type a 10 next to the appropriate document name and press the Enter key.

The Send Document display appears. This display is similar to the display that is provided in the OfficeVision for AS/400 product.

Send Document

Document : RCV00157
Folder : RCVFAX

Type distribution list or addressees, press F10 to send.
Distribution list _____ F4 for list

-----Addressees-----

User ID	Address	Description
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	

More...

F3=Exit F4=Prompt F5=Refresh F10=Send F12=Cancel
(C) COPYRIGHT IBM CORP. 1998

Fax support keeps track of the last document and folder used to file the received fax. It then uses these values as the document and folder information during a send operation.

You can enter one or more users on this display or retrieve a distribution list to select the users you want to receive the document. You can then press F10 (Send) to send the document. To end this function, press F12 (Cancel).

Updating a Destination

Fax support may not recognize the TSI code for a received fax. In this case, you can use the Work with Received Faxes display to update the destination information. Use option 11 (Update destination). The Work with TSI Routing display appears.

Work with TSI Routing

Position to _____

Type option, press Enter.
 1=Work with entries 2=Edit TSI Code

Opt	Destination Name	TSI Code
—	ABC OFFICE FURN CO	2771234444
—	SIMPSON GROCERY	7774441234
—	SILVERLAKE ENTERPRISES	8886785432
—	XYZ COMPANY	

F3=Exit F5=Refresh F10=Display Messages F11=View 2
 F12=Cancel

Fax support attempts to position the list to the TSI code that most closely matches the TSI code for the received fax. See Inbound Transmitting Subscriber Identification (TSI) Routing, for more information on how to use the Work with TSI Routing display.

Viewing an Image

You can view a fax on an InfoWindow II 3489 display or a Network Station at Release 3 or greater. You can also view a fax on a personal computer that has an appropriate image software product installed. To do so, use option 12 (View Image) on the Work with Received Faxes display.

Type a 12 next to the appropriate entry and press the Enter key. If you are using an InfoWindow II 3489 display, the fax is displayed. If you are not using an InfoWindow II 3489 display, the image software program that you specified in your fax profile is called to display the fax. See "Chapter 3. Fax Profiles" on page 17 for more information on the Work with Fax Profile (WRKFAXPRF) command and the *View Fax Image* field. For more information about viewing images, see "Facsimile Support for AS/400 Viewer" on page 126.

Printing an Inbound Status Report

To generate a status report that is named QPFQRS and send this report to your default output queue, select F6 (Print). The QPFQRS status report includes information only on received faxes that appear on the Work with Received Faxes display. You can also use the Print Fax Status (PRTFAXSTS) command to generate this status report. See the *Facsimile Support for AS/400 Programmer's Guide and Reference* for more information on this command.

*TONE Routing Type

If you specified *TONE for the fax routing code, your list should be similar to the one that is shown on the following display. Faxes that are sent without routing information will have a default routing code of 0000000000.

You can set up the Facsimile Support for AS/400 product to maintain a log. The log contains a list of all of the actions that are performed on received faxes. In this case, each received fax has one or more log entries associated with it. If you used the CFGFAXSRV command to disable the automatic-receive and routing functions, fax support does not maintain a log.

```

Work with Received Faxes

Type option, press Enter.
 1=File    4=Remove    5=Work with log entries    6=Print
 7=Send notification    8=Run receive program    9=Submit fax
10=Send document    11=Update routing code    12=View image

Opt Routing Code Date Time Status
--- 11123456 06/10/97 12:05:04 Received 00001 pages
--- 11177890 06/10/97 12:01:17 Received 00001 pages
--- 0000000000 06/10/97 11:20:00 Received 00001 pages

F3=Exit    F5=Refresh    F6=Print    F10=Display Messages
F11=View 2    F12=Cancel    F16=Sequence List    F17=Position To

```

Press F11 (View 2) to view the fax profile that is associated with each routing code if a match exists in the fax master list.

```

Work with Received Faxes

Type option, press Enter.
 1=File    4=Remove    5=Work with log entries    6=Print
 7=Send notification    8=Run receive program    9=Submit fax
10=Send document    11=Update routing code    12=View image

Opt Routing Code Fax Profile
--- 11123456 LGRASS
--- 11177890 TSMITH

F3=Exit    F5=Refresh    F6=Print    F10=Display Messages
F11=View 3    F12=Cancel    F16=Sequence List    F17=Position To

```

Press F11 (View 3) again to view the fax description, the slot or port, and the associated text for the received fax.

Work with Received Faxes

Type option, press Enter.

1=File 4=Remove 5=Work with log entries 6=Print
7=Send notification 8=Run receive program 9=Submit fax
10=Send document 11=Update routing code 12=View image

Opt	Routing Code	Fax Desc	Slot/Port	Text
—	11123456	FAXD08	FAX1	ABC Accounts Receivable
—	11177890	FAXD08	FAX1	Order Entry, Simpson Grocery

F3=Exit F5=Refresh F6=Print F10=Display Messages
F11=View 1 F12=Cancel F16=Sequence List F17=Position To

Press F16 (Sequence List) to select a subset of the list according to date and time. This displays the Sequence List window. From this window, you can choose to work with any of the following:

- All received faxes
- Faxes that are received on the current date
- Faxes that are received at a specific date and time

Work with Received Faxes

Sequence List

Type choices, press Enter.

Date *ALL ___ *ALL, *CURRENT, Date
Time *ALL ___ *ALL, Time

F12=Cancel

fax
image

s Receivable
, Simpson Grocery

F3=Exit F5=Refresh F6=Print F10=Display Messages
F11=View 1 F12=Cancel F16=Sequence List F17=Position To

Press F17 (Position To) to position the list to the first occurrence of specified routing code. The Position To window appears.

Work with Received Faxes

Position To

Type choices, press Enter.

Routing Code _____

F12=Cancel

eivable
pison Grocery

F3=Exit F5=Refresh F6=Print F10=Display Messages
F11=View 1 F12=Cancel F16=Sequence List F17=Position To

To confirm your selections, press the Enter key. To end this function, press F12 (Cancel).

Filing a Received Fax

Use option 1 (File) on the Work with Received Faxes display to file a received fax. Type a 1 next to the appropriate entry and press the Enter key. The File Received Fax display appears.

File Received Fax

Fax profile : LGRASS
Routing Entry : 11123456

Type choices, press Enter.

Document *GENERATE__ Name, *GENERATE
Folder RCVFAX_____

Document type *RFTDCAFAX *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX
Paper size *LETTER *LETTER, *LEGAL, *A4, *B4
Mapping value *POSITION *POSITION, *CENTER, *SCALE
Delete fax 2 1=Yes, 2=No

F3=Exit F12=Cancel

Use the File Received Fax display to specify the following parameters:

Document

Specifies the document name for the received fax. You can select a document name by typing in a new name. The name you type must not already exist.

You can type *GENERATE as the document name. *GENERATE uses the RCVnnnnn format (where nnnnn is in the range of 00001 to 99999) to automatically file the document.

Folder

Specifies the folder name for the received fax. You can select the default folder (RCVFAX) or type the name of a folder that already exists. When using the default folder or typing an existing folder name, you must have *CHANGE authority for the folder selected.

Document type

Specifies the document type for the received fax. Valid document types are *RFTDCAFAX (Revisable-Form:Document Content Architecture), *RFTDCA, *MODCAFAX (Mixed Object:Document Content Architecture), *MODCA, *TIFF, or *TIFFFAX. Specify *RFTDCAFAX or *RFTDCA to allow users to work with the document in the OfficeVision for AS/400 environment. Specify *TIFFFAX if you are using the SAP viewer.

Paper size

Specifies the paper size to use when formatting the fax. When you print or display the fax, the paper size determines the size of the output area. Due to the boundary areas that are required by printers, the output area is slightly smaller than the specified paper size.

Mapping value

Specifies how fax support is to place the fax image in the output area.

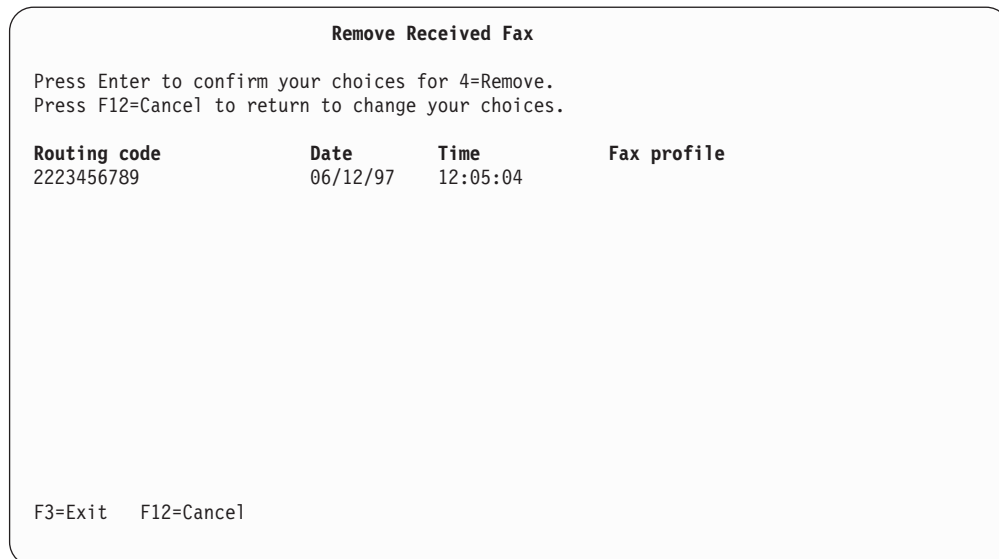
Delete fax

Specifies whether you want the fax and its associated log entries removed after filing the fax. If so, set this value to Y. If not, leave the default parameter value, N.

After you confirm your selections on the File Received Fax display, press the Enter key. To end this function, press F12 (Cancel).

Removing a Received Fax

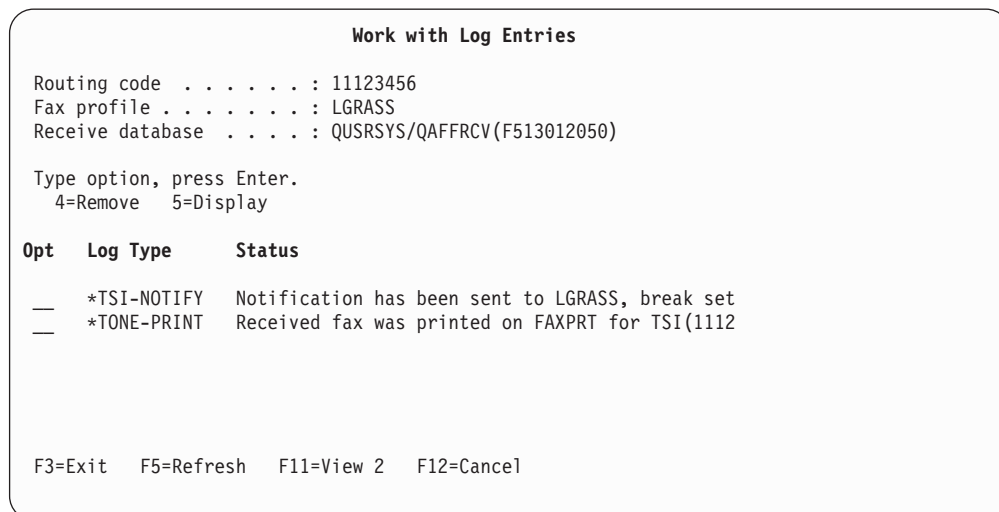
Use option 4 (Remove) on the Work with Received Faxes display to remove a received fax and its associated log entries. Type a 4 next to the appropriate entry and press the Enter key. The Remove Received Fax display appears.



To confirm the removal of the fax, press the Enter key. To end this function, press F12 (Cancel).

Working with Log Entries

Use option 5 (Work with log entries) on the Work with Received Faxes display to work with the log entries that are generated for a received fax. The log entries provide a history of all the activities that have occurred on the received fax. Type a 5 next to the appropriate entry and press the Enter key. The Work with Log Entries display appears.



The Work with Log Entries display allows you to view details or remove one or more log entries.

Log Entry Types

The following are the log entry types that can be generated as a result of a fax being received.

*AUTO-PRINT

Specifies that you set the PRTRCVFAX parameter of the CFGFAXSRV

command to *YES. The status of this log entry shows whether fax support successfully printed the fax on the requested print device. (This is the device you specified for the PRTRCVDEV parameter of the CFGFAXSRV command.)

***AUTO-FILED**

Specifies that you set the FILRCVFAX parameter to *YES on the CFGFAXSRV command. The status of this log entry shows whether fax support filed the fax as a document in the requested folder. (This is the document and folder you specified for the FILDOC and FILFLR parameters of the CFGFAXSRV command.)

***AUTO-RCVPGM**

Specifies that you set the STRRCVPGM parameter to *YES on the CFGFAXSRV command. The status of this log entry shows whether the correct program handled the fax. (This is the program you specified for the RCVPGM parameter of the CFGFAXSRV command.)

***USER-PRINT**

Specifies that a user has, from the Work with Received Faxes (WRKRCVFAX) display, printed a received fax. The status of this log entry shows whether fax support printed the fax on the requested device.

***USER-FILED**

Specifies that a user has used the Work with Received Fax (WRKRCVFAX) display to file a received fax. The status of this log entry shows whether the user filed the fax as a document in the requested folder.

***USER-NOTIFY**

Specifies that a user was sent notification of a received fax using the Work with Received Fax (WRKRCVFAX) display. The details of this log entry show whether fax support sent the notification to the requested user.

***USER-RCVPGM**

Specifies that a user program was started to handle the received fax using the Work with Received Fax (WRKRCVFAX) display. Check the details of the log entry to verify the running of the user program.

***USER-SNDDOC**

Specifies that a received fax was sent as a document to a user using the Work with Received Fax (WRKRCVFAX) display. Check the details of this log entry to verify that fax support sent the document to the requested user.

***TSI-PRINT**

Specifies that a TSI routing entry for printing a received fax was found. Check the details of this log entry to verify that fax support printed the received fax on the requested print device.

***TSI-FILED**

Specifies that a TSI routing entry for filing a received fax was found. Check the details of this log entry to verify that fax support filed the received fax as document in the requested folder.

***TSI-NOTIFY**

Specifies that a TSI routing entry for sending notification to a user was found. Check the details of this log entry to verify if the notification was sent to the requested user.

***TSI-RCVPGM**

Specifies that a TSI routing entry for running a user program that handles the received fax was found. Check the details of the log entry to verify that the specified program was run.

***TSI-SNDDOC**

Specifies that a TSI routing entry to send the received fax as a document to a user was found. Check the details of the log entry to verify that fax support sent the document to the requested user.

***TSI-ERROR**

Specifies that TSI routing was specified for a received fax, but no TSI routing entries were found. If you want TSI routing to occur for a received fax, you must enter at least one routing entry for a TSI code.

***TONE-PRINT**

Specifies that a routing entry to print a received fax was found. Display the details of this log entry to verify that fax support printed the received fax on the requested printer device.

***TONE-FILED**

Specifies that a routing entry to file a received fax was found. Display the details of this log entry to verify that fax support filed the received fax as a document in the requested folder.

***TONE-NOTIFY**

Specifies that a routing entry to send notification to a user was found. Display the details of this log entry to verify that fax support sent the notification to the requested user.

***TONE-RCVPGM**

Specifies that a routing entry to start a user program that handles the received fax was found. Display the details of this log entry to verify that the specified program ran.

***TONE-SNDDOC**

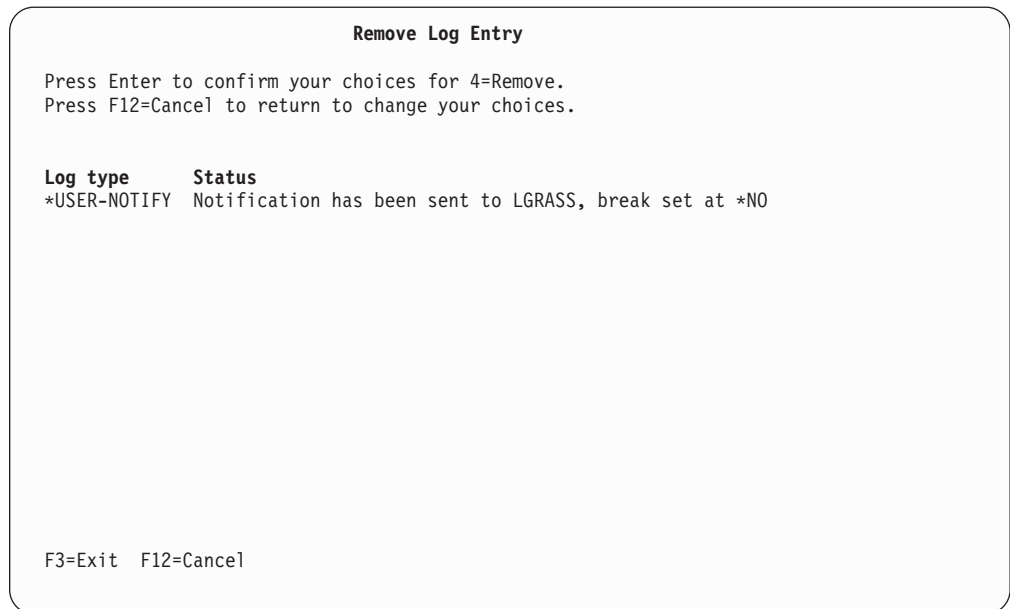
Specifies that a routing entry to send the received fax as a document to a user was found. Display the details of the log entry to verify that fax support sent the document to the requested user.

***TONE-ERROR**

Specifies that a routing code was specified for a received fax, but no routing entries were found. If you want routing based on the received tones for a received fax, you must create at least one routing entry for the routing code.

Removing a Log Entry

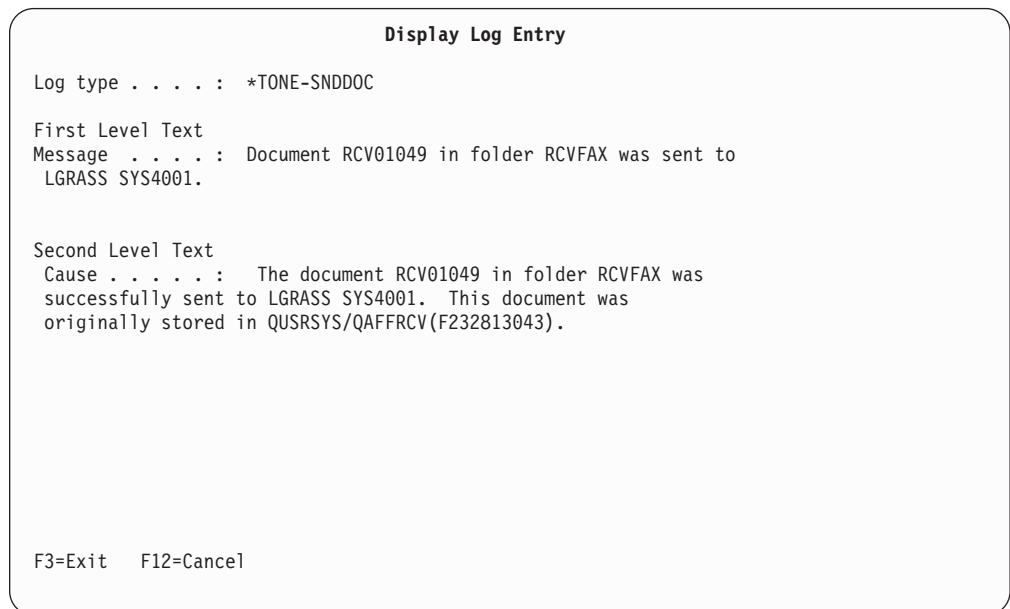
To remove a log entry, type a 4 (Remove) next to the appropriate log entry on the Work with Log Entries display. Press the Enter key. The Remove Log Entry display appears.



Press the Enter key to confirm the removal of the log entry or press F12 (Cancel) to end this function.

Displaying a Log Entry

To display the details of a log entry, type a 5 (Display) next to the appropriate log entry on the Work with Log Entries display. Press the Enter key. The Display Log Entry display appears.



The Display Log Entry display shows first and second level online help information for the generated log entry. You can press the Enter key to return to the Work with Log Entries display or press F12 (Cancel) to end this function.

Printing a Received Fax

Use option 6 (Print) on the Work with Received Faxes display to print a fax that was received. Type a 6 next to the appropriate entry and press the Enter key. The Print Received Fax display appears.

```
Print Received Fax

Fax profile . . . . . : ABC OFFICE FURN C0/9876
Routing Entry . . . . . : 11123456
Receive date and time . . . . : 07/10/97   12:05:04

Type choices, press Enter.

Print device name . . . . . *JOB _____ Name, *JOB, *SYSVAL
Number of copies . . . . . 001 _____ Number, 1 - 255
Starting page . . . . . 1 _____ 1 - 99999
Ending page . . . . . *END _____ 1 - 99999, *END
Paper size . . . . . *LETTER _____ *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION _____ *POSITION, *CENTER, *SCALE
Delete after print . . . . . 2 _____ 1=Yes, 2=No

F3=Exit   F12=Cancel
```

Use the Print Received Fax display to specify the following parameters.

Print device name

Specifies which print device to use to print the received fax. You can select from one of the following print devices:

Name The name of a valid Intelligent Printer Data Stream (IPDS)- and Advanced Function Printing (AFP)-capable printer to print the received fax.

***JOB** The default printer for user printing of the received fax.

***SYSVAL** The value of the system parameter QPRTDEV is used as the print device.

Number of copies

Specifies the number of copies to print. The valid values for this parameter are 001 to 255.

Starting page

Specifies the starting page number to use when printing a fax.

Ending page

Specifies the ending page number to use when printing a fax.

Paper size

Specifies the paper size to use when formatting the fax. The paper size determines the size of the output area when printing or displaying the fax.

You can specify *LETTER, *LEGAL, *ALL, and *B4. However, the physical size of the paper that is loaded in the printer limits the actual printable area. In addition, many printers use an unprintable border, which further reduces the printable area.

You can print a large fax (*LEGAL) on a printer that has smaller (*LETTER) paper. To do so, use a mapping value of *SCALE to reduce the fax to fit on the smaller paper. If the printer is not capable of reducing the image, the fax may be unreadable. In this case, we recommend that you load the printer with paper that matches the size of the fax.

Mapping value

Specifies how to place the fax image in the output area.

Delete after print

Specifies whether to delete the fax after it is printed. You may want to delete the fax and its associated log entries after printing them. To do so, set this value to 1=Yes. Otherwise, leave the parameter value as 2=No.

Sending Notification

Use option 7 (Send notification) on the Work with Received Faxes display to send notification of a received fax. Type a 7 next to the appropriate entry and press the Enter key. The Send Notification display appears.

Send Notification

Fax profile : LGRASS
Routing Entry : 11123456
Receive date and time : 06/12/97 12:05:04
Type choices, press Enter.

Message text:
A received fax from 11123456 has been printed on PRT02. _____

Send to Jones _____

Break message 2 1=Yes, 2=No

F3=Exit F12=Cancel

You can send a break message to either a user ID or a workstation message queue. After you enter the message text and send-to information, press the Enter key to send the notification. To end this function, press F12 (Cancel).

Running a User Receive Program

Use option 8 (Run receive program) on the Work with Received Faxes display to run a user receive program that can handle the received fax. Type an 8 next to the appropriate entry and press the Enter key. The Run User Receive Program display appears.

```

                                Run User Receive Program
Fax profile . . . . . : LGRASS
Routing Entry . . . . . : 11123456
Receive date and time . . . . : 06/12/97   12:05:04

Type choices, press Enter.

Program . . . . . : _____ Name
Library . . . . . : *LIBL_____ Name, *LIBL

F3=Exit   F12=Cancel

```

Use the Run User Receive Program display to specify the following parameters.

Program

Specifies the name of the user receive program that handles the received fax.

Library

Specifies the name of the library in which the program resides. Enter a library name or use *LIBL to allow the system to search your library list for the program.

The user receive program needs to know where to find the received fax. Fax support provides a receive data area for this purpose. When it runs, the user receive program can access this data area. See the *Facsimile Support for AS/400 Programmer's Guide and Reference* for more information on the receive data area.

Faxing the Received Fax

Use option 9 (Submit fax) on the Work with Received Faxes display to fax a received fax. Type a 9 next to the appropriate entry and press the Enter key. The Submit Fax display appears.

Submit Fax

Fax request type : *FAXRCVFAX, fax a previously received fax
 Description : Fax of member F513012050

Type distribution list or destinations, press F10 to send.
 Distribution list _____ F4 for list

Destination Name	Identifier/Entry

More...

F3=Exit F4=Prompt F5=Refresh F10=Send
 F11=View 2 F12=Cancel F24=More Keys

No destinations were preselected. +

On this display you can select the fax destination, schedule fax transmission, and send the fax. See “Interactive Fax Requests” on page 63 for more information on the Submit Fax display.

Sending a Fax as a Document

Before you can send a received fax as a document, you must file it. See “Filing a Received Fax” on page 97 for instructions.

Once a fax is filed, you can send it as a document to one or more users. Use option 10 (Send document) on the Work with Received Faxes display. On the Send Document display, type a 10 next to the appropriate document name and press the Enter key.

The Send Document display appears. This display is similar to the display that is provided in the OfficeVision for AS/400 product.


```

Send Document

Document . . . . . : RCV00157
Folder . . . . . : RCVFAX

Type distribution list or addressees, press F10 to send.
Distribution list . . . . . _____ F4 for list

-----Addressees-----
User ID      Address      Description
_____|_____|_____
_____|_____|_____
_____|_____|_____
_____|_____|_____
_____|_____|_____
_____|_____|_____
_____|_____|_____
_____|_____|_____
_____|_____|_____

More...

F3=Exit  F4=Prompt  F5=Refresh  F10=Send  F12=Cancel
(C) COPYRIGHT IBM CORP. 1998

```

Fax support keeps track of the last document and folder used to file the received fax. It then uses these values as the document and folder information during a send operation.

You can enter one or more users on this display or retrieve a distribution list to select the users you want to receive the document. You can then press F10 (Send) to send the document or press F12 (Cancel) to end this function.

Updating a Routing Code

Fax support may not recognize the routing code for a received fax. In this case, you can use the Work with Received Faxes display to update the routing code information. Use option 11 (Update routing code). The Work with Fax Profiles display appears.

Work with Fax Profiles

Position to _____

Type option, press Enter.
2=Edit

Opt	Fax Profile	Description
—	ANDERSON	Fax Profile for Anderson
—	JONES	Fax Profile for Jones
—	HILLER	Fax Profile for Hiller

F3=Exit F5=Refresh F6=Create F12=Cancel

For more information, see “Editing Fax Profiles” on page 25.

Viewing an Image

You can view a fax on an InfoWindow II 3489 display or a Network Station at Release 3 or greater. You can also view a fax on a personal computer that has an appropriate image software product installed. To do so, use option 12 (View Image) on the Work with Received Faxes display.

Type a 12 next to the appropriate entry and press the Enter key. If you are using an InfoWindow II 3489 display, the fax will be displayed. If you are not using an InfoWindow II 3489 display, fax support calls the image software program you specified in your fax profile to display the fax. See Chapter 3. Fax Profiles for more information on the Work with Fax Profile (WRKFAXPRF) command and the *View Fax Image* field. For more information about viewing images, see “Facsimile Support for AS/400 Viewer” on page 126.

Printing an Inbound Status Report

To generate a status report that is named QPFQRS in your default output queue, select F6 (Print). The QPFQRS status report includes information only on received faxes that appear on the Work with Received Faxes display. You can also use the Print Fax Status (PRTFAXSTS) command to generate this status report. See the *Facsimile Support for AS/400 Programmer’s Guide and Reference* for more information on this command.

Chapter 10. Fax Features within OfficeVision for AS/400

This chapter describes how to fax documents and notes and how to work with received faxes within the OfficeVision for AS/400 environment. Once you have integrated the Facsimile Support for AS/400 and OfficeVision for AS/400 products, all outbound and inbound fax features are available to OfficeVision for AS/400 users. To integrate these products, use the Configure Fax Services (CFGFAXSRV) command.

Outbound Features

You can generate faxes from different places within the OfficeVision for AS/400 product. If you can print a document with the Print Document (PRTDOC) command, you can also fax it. The following OfficeVision for AS/400 features support sending fax documents:

- Send a Note
- Forward or reply to a Mail Item
- Send a Document
- Send Form

Note: Starting with version 4 release 3 OS/400, you can fax OfficeVision for AS/400 documents with the 7852-400 modem.

You can use F15 (User application send) to specify fax destinations or enter User IDs and addresses. For example, to fax a document from the Work with Documents in Folders display, type a 10 (Send) next to a document that you want to fax.

Work with Documents in Folders

Folder . . . JONES _____
 Position to _____ Starting characters

Type options (and Document), press Enter.

1=Create	2=Revise	3=Copy	4>Delete	5=View
6=Print	7=Rename	8=Details	9=Print options	10=Send
11=Spell	12=File remote	13=Paginate	14=Authority	15=Fill form

Opt	Document	Document Description	Revised	Type
—	DOC1	Document created on 10/12/97	10/05/97	RFTDCA
10	MODCAFA	Facsimile from 111 222 3456	05/08/97	MODCAFAX
—	MODCAFAX	Facsimile from 123 456 7890	05/08/97	MODCAFAX
—	MODCAFA1	Facsimile from 100 200 3040	05/08/97	MODCAFAX

F3=Exit F4=Prompt F5=Refresh F10=Search for document
 F11=Display names only F12=Cancel F13=End search F24=More keys

When you are finished, press the Enter key. The Send Document display appears.

Send Document

Document description : Facsimile from 111 222 3456
 Document : MODCAFA
 Folder : JONES

Type distribution list and/or addressees, press F10 to send.
 Distribution list _____ F4 for list

-----Addressees-----

User ID	Address	Description
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	

More...

F3=Exit F4=Prompt F9=Attach memo slip F10=Send F11=Change details
 F12=Cancel F13=Change send instructions F24=More keys

Press F24 to display more functions, as follows.

Send Document

Document description : Facsimile from 111 222 3456
 Document : MODCAFA
 Folder : JONES

Type distribution list and/or addressees, press F10 to send.
 Distribution list _____ F4 for list

-----Addressees-----

User ID	Address	Description
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	

More...

F5=Refresh F15=User application send F18=Sort by user ID
 F19=Display messages F24=More keys

Select F15 (User application send) to specify fax destinations. Otherwise, enter user IDs and addresses on the Send Document display to specify electronic recipients of the document. The F15 key acts as a toggle key between the OfficeVision for AS/400 displays and the Submit Fax display.

```

Submit Fax

Fax request type . . . . . : *FAXOFCDOC, fax an OfficeVision for AS/400 document
Description . . . . . : Document IGLQ0111.22 in Q0TTMF

Type distribution list or destinations, press F10 to send.
Distribution list . . . . . _____
F4 for list

Destination Name           Identifier/Entry
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

More...

F3=Exit  F4=Prompt  F5=Refresh  F10=Send
F11=View 2  F12=Cancel  F24=More Keys

```

On this display, you need to enter a distribution list, entry, or destination information. If you press the F10 key, a window prompts you for this information.

If you select F3 (Exit) or F12 (Cancel), any fax destination information is lost. When you are finished, select F10 (Send) on either the OfficeVision for AS/400 Send Document display or Submit Fax display to send the document.

Inbound Features

You can work with fax documents from the OfficeVision for AS/400 environment if the faxes are Revisable-Form:Document Content Architecture (*RFTDCAFAX). Fax support places fax documents in folders when you use the File Fax (FILFAX) command.

Once you have filed a fax document in a folder or received it as mail, you can edit, view, or print it. You can edit only document types *RFTDCAFAX and *RFTDCA.

The following table shows the OfficeVision for AS/400 functions you can perform on the various supported document formats.

Function	RFT:DCA	RFT:DCAFAX	MO:DCA	MO:DCAFAX	*TIFF *TIFFFAX
View (option 5)	Y	Y	N	Y	N
Edit (option 2)	Y	Y	N	N	N
Print (option 6)	Y	Y	N	Y	N
Print Options (option 9)	Y	Y	N	Y	N
Mail View	Y	Y ¹	N	Y ¹	N
Mail Edit	Y	Y	N	N	N

¹ Only if an image-capable view program is available or you are using an InfoWindow II 3489 display or Network Station at Release 3 or greater.

Editing Fax Documents

To edit a fax document, select option 2 (Revise) on the Work with Mail or Work with Documents in Folders display. You can add text in the document that contains the fax image. However, you cannot change the fax itself. The fax is the image portion of the document.

Viewing Fax Documents

To view a fax document, select option 5 (View) on the Work with Mail or Work with Documents in Folders display. You can view only document types *RFTDCA, *MODCAFAX, and *RFTDCAFAX. If you are using an InfoWindow II 3489 display, a Network Station at Release 3 or greater, or if you specified a view image program in your fax profile, fax support attempts to view the fax.

Facsimile Support for AS/400 Viewer

The Facsimile Support for AS/400 viewer allows you to view the following document types on an IBM InfoWindow II 3498 display:

- Mixed Object:Document Content Architecture (MO:DCA) documents
- Revisable Format Text:Document Content Architecture (RFT:DCA) documents

Using FILFAX command or the Work with Faxes and Work with Received Faxes (WRKRCVFAX) displays, you can create MO:DCA or RFT:DCA documents from a received fax document.

The Facsimile Support for AS/400 viewer allows you to display MO:DCA, MO:DCAFAX, RFT:DCA, and RFT:DCAFAX documents that are created by the Facsimile Support for AS/400 product. Documents from other sources may not display as expected. The Facsimile Support for AS/400 viewer displays only image objects; the viewer omits other object types, such as text, bar codes, and graphics.

The Facsimile Support for AS/400 viewer processes each image as a separate page. You can use the Page Up and Page Down keys to view the image. For example, a page that contains three images displays as three separate pages.

You can use the functions of the Facsimile Support for AS/400 viewer through function keys or a mouse. To use a mouse, position the mouse pointer to the desired button and click once with the left mouse button. Two button views are available; however, you can select them only when they appear on the displayed. Function keys are available at all times.

PgUp Displays the previous image in the document.

PgDn Displays the next image in the document.

F4=Zoom up

Magnifies the current image to the next level. The available zoom levels are 15%, 25%, 50%, 75%, 100%, 150%, 200%, 250%, and 300%.

F5=Zoom down

Reduces the current image to the previous level. The available zoom levels are 15%, 25%, 50%, 75%, 100%, 150%, 200%, 250%, and 300%.

F6=Rotate

Rotates the current image an additional 90 degrees. The available orientations are 0, 90, 180, and 270 degrees.

F7=Rotate 0

Displays the current image at the original orientation (0 degrees). For example, you can use F7 to rotate an image from 90 degrees to 0 degrees in one step, instead of using F6 (Rotate) three times.

F9=Maximize

Displays the current image in a full-screen window. Using F9 again returns the view window to the previous size.

F10=Reverse

Changes the colors of the current image from black to white and from white to black. For example, an image with a white background and black text appears with a black background and white text.

F12=Cancel

Ends the viewer program.

F24=More keys

Displays the next button view.

Help Presents help for the current display.

Printing Fax Documents

To print a fax document, do one of the following:

- Select option 6 (Print)
- Select option 9 (Print Options) on the Work with Mail or Work with Documents in Folders display

Converting Fax Documents

You can use the Convert Fax Document (CVTFAXDOC) command to convert previously filed documents from one type to another. This allows you to use the OfficeVision for AS/400 product to view, edit, print, or mail them. The CVTFAXDOC command supports conversion of image-only data between RFT:DCA, MO:DCA, RFT:DCAFAX, and MO:DCAFAX formats.

The CVTFAXDOC command handles only image objects within each document. Text, graphics, bar codes, fonts, and other non-image objects are removed during conversion and do not appear in the converted document. The CVTFAXDOC command fully supports only Facsimile Support for AS/400 documents.

To use the CVTFAXDOC command, select option 40 (Convert Fax Documents) on the Fax User menu or enter CVTFAXDOC at any command line.

```

Convert Fax Documents (CVTFAXDOC)

Type choices, press Enter.

Document . . . . . *ALL_____ *ALL, generic*, Name
Folder . . . . . INVOICE_____

-----
To folder . . . . . NEWINV_____

-----
From document type . . . . . *RFTDCA_____ *RFTDCA, *RFTDCAFAX, *MODCA ..
To document type . . . . . *RFTDCAFAX_____ *RFTDCA, *RFTDCAFAX, *MODCA ..
Replace document . . . . . *NO_____ *YES, *NO

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

```

You can specify one or more documents to be converted to a different folder. You can specify all documents, all generically named documents, or a specific document.

Using the Administration Exit

If your fax administrator used the CFGFAXSRV command to integrate the Facsimile Support for AS/400 and OfficeVision for AS/400 products, you can use the administration exit from the OfficeVision for AS/400 Administration menu. Select option 50 (User application administration) to display the Fax User menu.

```

Administration

Select one of the following:

1. Work with Office users
2. Work with access codes
3. Permit others to handle mail/filed documents
4. Work with objects by owner
5. Work with office files
6. Work with library descriptions file
7. Work with text index
8. Directory commands

50. User application administration

Selection or command
===> _____

F3=Exit F4=Prompt F9=Retrieve F12=Cancel F19=Display messages

```

Chapter 11. Faxing Personal Computer Documents

This chapter tells how you can fax documents from graphical personal computer applications. To fax personal computer documents, you must properly set up the Facsimile Support for AS/400 product with the IBM Advanced Function Printing data stream (AFP) printer driver.

The IBM AFP printer driver is available with Client Access. The AFPDS driver allows you to print output from OS/2, Windows 3.1, Windows 95, Windows NT, and Windows 98 graphical applications on a printer that is attached to the AS/400 system.

For details on setting up your personal computer for faxing PC documents, see the *Facsimile Support for AS/400 Installation Guide*.

Note: Windows 98 works the same as Windows 95, Windows 3.1, and OS/2.

Using the Submit Fax Window

When you configure the AFPDS driver to use the Facsimile Support for AS/400 product, the Submit Fax window automatically appears. From the Submit Fax window, you can enter fax destination information. Fax support uses the destination information to fax the document. This information includes the following:

- Fax telephone number
- Enhanced Services master list entries and distribution lists
- Cover page information
- Transmission options

Note: Fax support uses your Client Access user ID to access your default fax user profile information. However, you cannot use certain user IDs when faxing personal computer documents. The user IDs you cannot use are those that are not valid for the AS/400 SBMJOB command, such as:

QSPL
QLPINSTALL
QUSRSYS
QRJE
QDOC
QSECOFR
QDFTOWN
QSYS
QLPAUTO
QTSTRQS

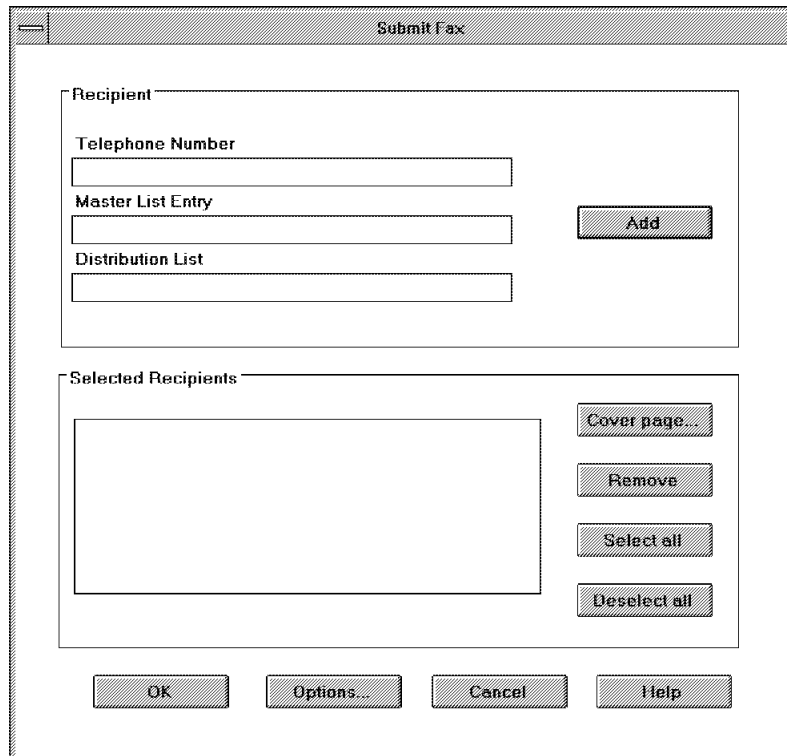
If you try to fax a personal computer document from one of these user IDs, fax support sends error message CPD1617 to the QFAXOPR message queue. You must use a different user ID to resubmit the fax.

You need to have a fax profile created to be able to successfully send a Personal Computer document.

To resend the fax, use the Work With Fax Output Queue (WRKFAXQ) command and specify *ERRQ for the output queue. You cannot use the Check Fax Status (CHKFAXSTS) command to resend the fax.

Once you have set up your printer driver for faxing personal computer documents, the Submit Fax window appears any time you perform a print request to the printer device you assigned during configuration.

Note: If you are using Windows NT, you will see a Send Fax window rather than the Submit Fax window. See "Using Windows NT" for more information.



On the Submit Fax window, you can do any of the following tasks:

- Specify fax telephone numbers, master list entries, and distribution lists
- Customize the data for the fax cover page
- Set up transmission options

The following section provides an example of how you might use the Submit Fax window. For more information, you can request online help.

Using Windows NT

If you are using Windows NT, fax support displays a Send Fax window rather than a Submit Fax window. You should be aware that the functions available to you differ somewhat from those shown in this chapter. The following list outlines these differences. For more information, you can select the question mark (?) in the upper right portion of the Send Fax window. This allows you to drag the cursor to any field for help information about that field.

- The Send Fax window provides Browse and Description functions that are not available on the Submit Fax window.
- The Cover Page button is called Cover Page Details for Windows NT. This field requires a different format for the cover page printer file than shown in this chapter. You must enter the library and file information as shown in the following example:

```
QSYS.LIB\FAXLIB.LIB\WOODCVR.FILE
```

- The Send To portion of the window for Windows NT provides the same function as the Recipient portion of the window shown in this chapter.
- Windows NT provides an FS/400 phonebook field instead of a Master List Entry field.
- Windows NT provides an FS/400 Distribution Lists field rather than a Distribution List field.
- The Cover Page Details window for Windows NT shows you the Send To value. This field is a display only field.
- Windows NT provides a Transmission Options window that is significantly different from the Fax Options window shown in this chapter.

While using Windows NT, you can choose to turn off the fax dialogs and continue to use the IBM Facsimile Support/400 device. To do so, select the Client Access Properties icon under the Other tab and deselect the Autofax dialogs enabled checkbox.

Example of Faxing a Personal Computer Document

In the following Submit Fax display, the user has entered a telephone number, master list entry, and distribution list. You can enter data in any of these fields in any combination, and as many times as needed.

The master list entry and distribution list must already exist on the AS/400 system. For more information, see “Chapter 4. Fax Master List” on page 31 and “Chapter 5.

Fax Distribution Lists" on page 47.

The screenshot shows a dialog box titled "Submit Fax". It contains two main sections: "Recipient" and "Selected Recipients".

Recipient Section:

- Telephone Number:** A text box containing "15463452967".
- Master List Entry:** A text box containing "John's Office Supply". To its right is an "Add" button.
- Distribution List:** A text box containing "Office Supply Vendors".

Selected Recipients Section:

- A large empty rectangular box for displaying selected recipients.
- Buttons on the right: "Cover page...", "Remove", "Select all", and "Deselect all".

Bottom Buttons: "OK", "Options", "Cancel", and "Help".

When the user selects Add, the data appears in the Selected Recipients list box, as follows:

This screenshot shows the same "Submit Fax" dialog box, but now the "Selected Recipients" list box is populated with the data from the "Recipient" section.

Recipient Section:

- Telephone Number:** An empty text box.
- Master List Entry:** An empty text box. The "Add" button is still present to its right.
- Distribution List:** An empty text box.

Selected Recipients Section:

- The list box now contains the following text:
15463452967
John's Office Supply
Office Supply Vendors
- Buttons on the right: "Cover page...", "Remove", "Select all", and "Deselect all".

Bottom Buttons: "OK", "Options", "Cancel", and "Help".

Note: For Windows NT users, the data appears in a Will Be Sent To list box.

The Selected Recipients box lists the users to receive the document. At this time, the user can do any of the following:

- Select OK to fax the document to the recipients in the Selected Recipients list box.
- Select Add to add additional recipients to the list. Each time you select add, fax support clears the Recipient fields so that you can enter information for new recipients. You can enter the Recipient data in any combination, and as many times as needed.
- Select the Cover page... button to specify cover page information for a recipient. Fax support prints this information on a cover page when the fax is submitted. For details on specifying cover page information, see "Creating a Cover Page".

Note: Cover pages are unique for every recipient. Select one or more of the recipients in the Selected Recipients list box before selecting the Cover page... button.

- Select the Options... button to set up the transmission options. These options provide information on how the fax is to be transmitted. For details on how to set up transmission options, see "Setting Up Transmission Options" on page 134.

If the user selects Cancel from the Submit Fax display, printing of the document continues but the document is not faxed. An error message is placed in the QFAXOPR message queue, and the spooled file is moved to the QFFSNDERR message queue. From the QFFSNDERR message queue, the user can fax, delete, or print the document.

Creating a Cover Page

In our example, the user chooses to specify cover page information for the fax to be sent to John's Office Supply. To do this, the user selects John's Office Supply from the Selected Recipients list box, then selects the Cover page... button. This displays the Cover Page window, as follows:

The screenshot shows a dialog box titled "Cover Page" with a close button in the top-left corner. The dialog contains the following fields and text:

- Recipient:** John's Office Supply
- Title:** New Prices
- To:** Pam Jones
Accounting Department
- From:** Rick Price - Fax #:998-334-99012
Woodland Office Supply
Wood Town, USA
- Comment:** Review and return comments by Friday.

At the bottom of the dialog are three buttons: OK, Cancel, and Help.

From this display, you can enter data to be placed on the cover page. If you do not enter data for the cover page, fax support uses the default information from your fax profile, fax master list, and distribution list. The default values for each recipient type are as follows:

- **Telephone Number recipient:** If you specify the telephone number of a fax recipient in the Telephone Number field and leave the Title, From, or Comment fields blank, the default values in the your fax profile are used.

The To lines are optional. Leaving the To lines blank results in blank To lines on the cover page. In most cases, you should complete the To lines, since fax support uses this information to address the fax.

- **Master List Entry recipient:** If you leave the Title, From, or Comment fields blank, fax support uses the default values in your fax profile. Fax support always uses the values of the To fields in the fax master list entry for the To information.
- **Distribution List recipient:** If you leave the Title, From, or Comment fields blank, fax support uses the default values in your fax profile. Fax support always uses the values of the To fields in the master list entries in the distribution list for the To information.

Setting Up Transmission Options

Fax support applies the Transmission Options you specify to all recipients in the Selected Recipients list box. The Transmission Options window follows. Since cover page information was previously entered in the Cover Page window, the Cover Page option is set to Yes.

The screenshot shows a dialog box titled "Transmission Options". It is divided into several sections:

- Date/Time:** A section with two input fields. "Date" is set to "11/23/95" and "Time" is set to "04:15 PM".
- Mode:** A section with two radio buttons: "Fine" (unselected) and "Normal" (selected).
- Cover Page:** A section with two radio buttons: "Yes" (selected) and "No" (unselected).
- File:** An input field containing the text "woodcvr".
- Library:** An input field containing the text "faxlib".
- Fax Controller:** An empty input field.
- Buttons:** Three buttons at the bottom: "OK", "Cancel", and "Help".

You can specify the following fields on this display. If you need more information about any of these fields, you can request online help.

- **Date/Time:** Use the Up and Down Arrow keys to select the date and time the fax should be transmitted. If you leave the Date and Time fields blank, fax support uses the default values in your fax profile. If you are using a mouse, one click of the first mouse button moves the date by one day and the time by ten minutes. You can press and hold the mouse button to spin to the desired date or time. In this example, the fax is to be transmitted on November 23, 1995 at 4:15 PM.

- **Mode:** Specify the transmission mode to be used to fax the document. You can select Fine mode or Normal mode. In this example, the user has selected Normal mode. If you do not change this value, fax support uses the value in your fax profile.
- **Cover Page:** Select Yes to send the document with a cover page or No to send the document without a cover page. (For details on creating a cover page, see “Working with the Cover Page” on page 70.)

To override the AS/400 printer file specified in your Enhanced Services fax profile, enter another printer file name and library name in the appropriate prompts. If you leave this information blank, fax support uses the values in your fax profile. In this example, the user has specified a printer file named WOODCVR in library FAXLIB.

- **Fax Controller:** Specify a fax controller name to have your document sent from a specific fax controller. If you leave this field blank, fax support uses the value in your fax profile. In this example, the Fax Controller field is left blank.

You can select Cancel at any time to remove your changes. When you have completed the options on this display, select OK. This saves the information you entered. Fax support then uses this information for every fax transmission until you change it. Fax support uses the values you enter for all fax recipients.

Submitting the Fax

Select OK to send the document to the recipients in the Selected Recipients list box. In this example, fax support sends the fax to three recipients: 154663452967, John’s Office Supply, and Office Supply Vendors. The fax includes the cover page information that you entered. Fax support uses these transmission options for all of the fax recipients.

Note: Before you can fax a personal computer document, you must start Enhanced Services. Otherwise, fax support queues the fax request until you start Enhanced Services.

Checking the Status of Faxed Personal Computer Documents

You can use the Check Fax Status (CHKFAXSTS) command to check the status of a personal computer document that has been successfully submitted for faxing. If the document does not appear to have been faxed, check the following:

- Check the QFAXOPR message queue for messages. If an error occurred in the fax server job (QFQFAXSRV) or during the SBMFAX job (FAXPCDOC), the QFAXOPR message queue contains messages. You can then use the Work with Fax Output Queue (WRKFAXQ) menu option or command to resubmit the fax (specify *ERRQ for the OUTQ parameter). You must enter information for the destination and cover page again.
- Verify that Enhanced Services is started. Use the Work with Active Jobs (WRKACTJOB) command to verify that the job QFQFAXSRV is active in the QFQSBS subsystem (specify QINTER for the SBS parameter).
- Verify that the printer device you specified for the printer port is QFQFS4PRTD.

Chapter 12. Using the AnyMail/400 Mail Server Framework

The Facsimile Support for AS/400 product is integrated with the AnyMail/400 Mail Server Framework. This allows you to send electronic mail from many sources, which include the OfficeVision for AS/400 product, to a fax machine.

This chapter provides information for using the AnyMail/400 Mail Server Framework to fax electronic mail. For information on setting up your system to integrate the AnyMail/400 Mail Server Framework, see the *Facsimile Support for AS/400 Installation Guide*.

Sending Electronic Mail As Faxes

Integration of the AnyMail/400 Mail Server Framework with the Facsimile Support for AS/400 product allows you to send electronic mail to a fax machine. You can include both text and some industry-standard image formats in a message to send electronically as a fax. Because you can send electronic mail as faxes, you can use the standard fax communications support to reach users who cannot directly receive electronic mail.

You can send the following types of electronic mail as faxes:

- Text and some industry-standard image format attachments from Post Office Protocol (POP3) mail clients, such as cc:Mail 7.0.
- Text and some industry-standard image formats from LOTUS Notes clients.
- Notes and documents that are created by the OfficeVision for AS/400 product. You should send documents as final-form text (FFT).
- Spooled files that you can use the Send Network Spooled File (SNDNETSPLF) command to send.

Note: Facsimile Support for AS/400 uses the QIMGCVT API to convert level one Postscript TIFF, GIF, and BMP image attachments. See the *System API Reference* for more information about these image types.

Distributing Electronic Mail to Fax Users

You can send electronic mail to an individual user or a fax distribution list. The AnyMail/400 Mail Server Framework can access existing Facsimile Support for AS/400 fax master list and distribution list entries. See the *Facsimile Support for AS/400 Installation Guide* for examples of setting the system distribution directory entries.

Faxing Spooled Files

To fax a spooled file through the mail network, you must use the Send Network Spooled File (SNDNETSPLF) command. For example, the following SNDNETSPLF command sends the spooled file EXECDESK to fax user ACCOUNTS FAX:

```
SNDNETSPLF FILE(EXECDESK) TOUSRID((ACCOUNTS FAX))  
JOB(409931/JONES/QPADEV0001) SPLNBR(1) DTAFMT(*ALLDATA)
```

Chapter 13. Routing Faxes

The Facsimile Support for AS/400 product allows you to route inbound faxes from certain locations to specific users. For example, you might want to directly send all of the faxes received from travel agencies to a travel coordinator. You can route faxes in two ways:

- Using Transmitting Subscriber Identification (TSI) information to route inbound faxes
- Using received tones, such as Dual Tone Multi-Frequency (DTMF) codes and direct inward dial (DID), to route inbound faxes

This chapter shows how you can use either of these methods to automatically route faxes to appropriate recipients or to print or file them.

Inbound Transmitting Subscriber Identification (TSI) Routing

You can use transmitting subscriber identification (TSI) information to route faxes from certain locations to specific users. If the sender of a fax has configured their fax machine to use TSI routing, each inbound fax has an associated TSI routing code. Fax support passes the TSI code to the fax controller. The fax controller then uses the TSI code to route incoming faxes to specific users.

TSI routing begins with a master list entry. When creating each master list entry, you can enter a value in the TSI field. This value represents whatever value the sender configured on their fax machine. This can be any combination of alphabetic and numeric characters. Examples might be a telephone number, such as (123) 456-7890, or a company name, such as ABC Corporation.

You can use the Work with TSI Routing display to set up routing entries for received faxes on your AS/400 system. To activate TSI routing, specify the following parameter values on the Configure Fax Services (CFGFAXSRV) command:

- OPTION(*INBOUND)
- STRFAXRTG(*YES)
- FAXRTGTYP(*TSI)

You can perform the following actions for a received fax:

- Print the received fax on an IPDS AFP-capable print device
- File the received fax in a folder as a document
- Send notification to a user of the received fax
- Send the fax as a document to one or more users
- Run a user application to handle the received fax

You can perform these actions in any order and as many times as necessary for handling the received fax. See “Creating a Routing Entry” on page 143 for more information on creating your routing entry.

The following steps show the order in which fax support processes routing entries:

1. Start all print routing entries
2. Start all filing routing entries
3. Start all receive program routing entries
4. Start all send document routing entries

5. Start all send message routing entries

Working with the TSI Routing Display

You can start the Work with TSI Routing display in any of the following ways:

- Using option 6 (Inbound Fax Commands) on the Facsimile Support for AS/400 main menu, then option 22 (Work with TSI Routing)
- Using option 11 (Update destination) on the Work with Received Faxes display
- Typing WRKTSIRTG at any AS/400 command line and pressing the Enter key
- Using the Work with TSI Routing (WRKTSIRTG) command from an application program

The Work with TSI Routing display lists the fax master list destination name and the corresponding TSI code.

```
Work with TSI Routing

Position to . . . . . _____

Type option, press Enter.
  1=Work with entries  2=Edit TSI Code

Opt  Destination Name          TSI Code
---  -
---  ABC OFFICE FURN CO         999 888 1234
---  ABC OFFICE FURN CO         999 888 4567
---  ABC OFFICE FURN CO         999 888 7890
---  AL'S CLEANING SERVICE      5551234567
---  CORNER VIDEO               CORNER VIDEO
---  ELBA ENGINEERING           277 666 9876
---  SIMPSON GROCERY            277-222-5634
---  BLUELAKE ENTERPRISES

F3=Exit  F5=Refresh  F10=Display Messages  F11=View 2
F12=Cancel
```

Press F11 for a different view of this display. View 2 of the Work with TSI Routing display lists the identifier information and the entry information for the destinations.

Work with TSI Routing

Position to _____

Type option, press Enter.
 1=Work with entries 2=Edit TSI Code

Opt	Destination Name	Identifier/Entry
—	ABC OFFICE FURN CO	9876/*DEFAULT
—	ABC OFFICE FURN CO	9876/ACCOUNT PAYABLE
—	ABC OFFICE FURN CO	9876/ACCOUNTS RECEIVABLE
—	AL'S CLEANING SERVICE	200/*DEFAULT
—	CORNER VIDEO	300/*DEFAULT
—	ELBA ENGINEERING	600/*DEFAULT
—	SIMPSON GROCERY	400/*DEFAULT
—	BLUELAKE ENTERPRISES	500/*DEFAULT

F3=Exit F5=Refresh F10=Display Messages F11=View 3
 F12=Cancel

View 3 displays the fax number of the destination.

Work with TSI Routing

Position to _____

Type option, press Enter.
 1=Work with entries 2=Edit TSI Code

Opt	Destination Name	Fax Number
—	ABC OFFICE FURN CO	9998881234
—	ABC OFFICE FURN CO	9998884567
—	ABC OFFICE FURN CO	9998887890
—	AL'S CLEANING SERVICE	5551234567
—	CORNER VIDEO	7771234444
—	ELBA ENGINEERING	2776669876
—	SIMPSON GROCERY	2772225634
—	BLUELAKE ENTERPRISES	2772225432

F3=Exit F5=Refresh F10=Display Messages F11=View 4
 F12=Cancel

View 4 lists the contact names.

Work with TSI Routing

Position to _____

Type option, press Enter.
 1=Work with entries 2=Edit TSI Code

Opt	Destination Name	Contact
—	ABC OFFICE FURN CO	Joe Smith
—	ABC OFFICE FURN CO	Scott Jones
—	ABC OFFICE FURN CO	Missy Miller
—	AL'S CLEANING SERVICE	Jon Johnson
—	CORNER VIDEO	Karen Duncan
—	SIMPSON GROCERY	Mark Simpson
—	BLUELAKE ENTERPRISES	JJ Miller
—	ELBA ENGINEERING	Jennifer Anderson

F3=Exit F5=Refresh F10=Display Messages F11=View 1
 F12=Cancel

The following sections describe the functions you can perform from the Work with TSI Routing display.

Working with TSI Routing Entries

Use option 1 (Work with entries) on the Work with TSI Routing display to work with routing entries. The destination name must have a TSI code associated with it before you can work with routing entries. See “Editing TSI Information” on page 150 to add a TSI code to a destination. A routing entry is the action that you want performed when fax support finds a TSI code match for a received fax.

Type a 1 next to the appropriate destination name on the Work with TSI Routing display and press the Enter key. The Work with Routing Entries display appears.

```

Work with Routing Entries

Destination . . . . . : ABC OFFICE FURN CO
Identifier/Entry . . . . . : 9876/*DEFAULT
TSI code . . . . . : 999 888 1234

Type option, press Enter.
  2=Edit entry  4=Remove entry

Opt  Routing Type      Description
---  *TSI-FILED          Notify SMITH, break message set at *NO
---  *TSI-NOTIFY         File received fax as *GENERATE in RCVFAX

F3=Exit  F5=Refresh  F6=Create  F12=Cancel

```

Use F6 (Create) to add routing entries to a destination. See “Creating a Routing Entry” for more information on creating your routing entry. The possible routing types are:

***TSI-FILED**

Specifies to file a received fax

***TSI-NOTIFY**

Specifies to send a notification message to a user

***TSI-PRINT**

Specifies to print a received fax

***TSI-RCVPGM**

Specifies to run a user program that handles the received fax

***TSI-SNDDOC**

Specifies to send the received fax as a document to a user

Creating a Routing Entry

To create a routing entry, select F6 (Create) on the Work with Routing Entries display. The Select Routing Entry Type window appears.

Work with Routing Entries

Select Routing Entry Type

Select one of the following:

- 1) Print received fax
- 2) File received fax
- 3) Send notification
- 4) Send fax as a document
- 5) Run user receive program

Selection: 1

F3=Exit F12=Cancel

F3=Exit F5=Refresh F6=Create F12=Cancel

Select the routing entry type that you want to create for the received fax. Next, press the Enter key to confirm your choice or press F12 (Cancel) to end this function.

Printing a Received Fax Routing Entry: To print a received fax routing entry, type a 1 (Print received fax) on the Select Routing Entry Type window and press the Enter key. The Print Received Fax display appears.

Print Received Fax

Destination name : MARIA
Identifier/Entry : MARIA/*DEFAULT
TSI code : 12345

Type choices, press Enter.

Print device name	*JOB_____	Name, *JOB, *SYSVAL
Number of copies	001	Number, 1 - 255
Starting page	1	1 - 99999
Ending page	*END	1 - 99999, *END
Paper size	*LETTER	*LETTER, *LEGAL, *A4, *B4
Mapping value	*POSITION	*POSITION, *CENTER, *SCALE
Delete after print	2	1=Yes, 2=No

F3=Exit F12=Cancel

From this display, you can enter print parameters for the fax. You can also specify whether fax support should delete the fax file after printing it. Use the Print Received Fax display to specify the following parameters:

Print device name

Specifies the printer or the device name on which the fax is printed.
Possible values include:

Name The device name of a valid IPDS- and Advanced Function Printing (AFP)-capable printer to print the received fax.

***JOB** Tells fax support to use the default printer.

***SYSVAL**

Tells fax support to use the value of the system QPRTDEV parameter when printing the received fax.

Number of copies

Specifies the number of copies to print. The valid values for this parameter are 001 to 255.

Starting page

Specifies the starting page number to use when printing a fax.

Ending page

Specifies the ending page number to use when printing a fax.

Paper size

Specifies the paper size to use when formatting the fax. The paper size determines the size of the output area when fax support prints or displays the fax.

You can specify *LETTER, *LEGAL, *A4, and *B4. However, the physical size of the paper that is loaded in the printer determines the actual printable area. In addition, many printers use an unprintable border, which further reduces the printable area.

If you are printing a large fax (*LEGAL), on a printer that has smaller (*LETTER) paper, you can reduce the fax to fit on the smaller paper. To do so, use a mapping value of *SCALE. If the printer is not capable of reducing the image, the fax may be unreadable. In this case, we recommend that you load the printer with paper that matches the size of the fax.

Mapping value

Specifies how fax support places the fax image in the output area.

Delete after print

Specifies whether to delete this fax after printing it. If you want fax support to delete this fax and its associated log entries after printing it, set this value to 1=Yes. If not, leave the value at 2=No.

Filing a Received Fax Routing Entry: To file a received fax routing entry, type a 2 (File received fax) on the Select Routing Entry Type window and press the Enter key. The File Received Fax display appears.

```

                                File Received Fax

Destination name . . . . .: ABC OFFICE FURN CO
Identifier/Entry . . . . .: 9876/*DEFAULT
TSI code . . . . .: 8881234

Type choices, press Enter.

Document . . . . . *GENERATE__ Name, *GENERATE
Folder . . . . . RCVFAX_____

-----
Document type . . . . . *RFTDCAFAX *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX
Paper size . . . . . *LETTER *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION *POSITION, *CENTER, *SCALE
Delete fax . . . . . 2 1=Yes, 2=No

F3=Exit F12=Cancel

```

Use the File Received Fax display to specify the following parameters:

Document

Specifies the document name for the received fax. You can select a document name by typing a new name as long as the name you choose does not already exist. You can type *GENERATE as the document name. *GENERATE automatically files the document, using the RCVnnnnn format (where nnnnn is in the range of 00001 to 99999).

Folder

Specifies the folder name for the received fax. You can select the default folder (RCVFAX) or type in a valid name of an existing folder. When using either the default folder or typing in a valid folder name, you must have *CHANGE authority for the folder selected.

Document type

Specifies the document type for the received fax. Valid document types are *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX, *TIFF, or *TIFFFAX. Specify either *RFTDCAFAX or *RFTDCA to allow users to work with these documents in OfficeVision for AS/400 environment. Specify *TIFFFAX if you are using the SAP viewer.

Paper size

Specifies the paper size to use when formatting the fax. The paper size determines the size of the output area when printing or displaying the fax. Due to the boundary areas that are required by printers, the output area is slightly smaller than the specified paper size.

Mapping value

Specifies how fax support places the fax image in the output area.

Delete fax

Specifies whether to delete this fax after filing it. If you want fax support to delete the fax and its associated log entries after filing it, set this value to 1=Yes. Otherwise, leave the parameter value, 2=No.

Verifying your choices on the File Received Fax display. You can then press the Enter key to confirm your choices or press F12 (Cancel) to end this function.

Sending Notification Routing Entry: To send a notification routing entry, type a 3 (Send notification) on the Select Routing Entry Type window and press the Enter key. The Send Notification display appears.

```

                                Send Notification

Destination name . . . . . : ABC OFFICE FURN CO
Identifier/Entry . . . . . : 9876/*DEFAULT
TSI code . . . . . : 999-888-1234

Type choices, press Enter.

Message text:
_____
_____
_____
_____
_____

Send to . . . . . JONES____

Break message . . . . . 2  1=Yes, 2=No

F3=Exit  F12=Cancel
  
```

A break message can be sent to either a user ID or a workstation message queue. You can press the Enter key to confirm your choices or press F12 (Cancel) to end this function.

Sending a Document Routing Entry: To send a document routing entry, type a 4 (Send fax as a document) on the Select Routing Entry Type window and press the Enter key. The Send Document display appears.

```

                                Send Document

Document . . . . . : *LASTFILED
Folder . . . . . : *LASTFILED

Type distribution list or addresses, then press Enter.
Distribution list . . . . . _____ F4 for list

----Addressees----
User ID      Address      Description
____
____
____
____
____
____
____

More...

F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel
  
```

If you have a send document routing entry, you must also have a file fax routing entry. This ensures that fax support has filed the fax as a document in a folder prior to sending.

The Facsimile Support for AS/400 product keeps track of the last document and folder used to file a received fax. Fax support uses these values as the document and folder information when you use the send function.

You can type one or more users on this display or retrieve a distribution list to select the users you want to send the document to. To retrieve a distribution list, press F4 (Prompt). To see a list of users, position your cursor next to the *User ID* column and press F4 (Prompt). Press the Enter key to confirm your selections and send the document, or press F12 (Cancel) to end this function.

Running a User Receive Program Routing Entry: To run a user receive program routing entry, type a 5 (Run user receive program) on the Select Routing Entry Type window. Press the Enter key. The Run User Receive Program display appears.

```

                                Run User Receive Program
Destination name . . . . . : ABC OFFICE FURN CO
Identifier/Entry . . . . . : 9876/*DEFAULT
TSI code . . . . . : 999-888-1234

Type choices, press Enter.

Program . . . . . _____ Name
Library . . . . . *LIBL_____ Name, *LIBL

F3=Exit   F12=Cancel
```

Use the Run User Receive Program display to specify the following parameters:

Program

Specifies the name of the user receive program that handles the received fax.

Library

Specifies the name of the library in which the program resides. Enter a library name or use *LIBL to allow the system to search your library list for the program.

When it runs, the user receive program needs to know where to find the received fax. A data area provides this information. The program can access this data area while it is running. See the *Facsimile Support for AS/400 Programmer's Guide and Reference* for more information on the receive fax data area.

Editing a Routing Entry

Use option 2 (Edit entry) on the Work with Routing Entries display to change a routing entry. Type a 2 next to the appropriate routing entry on the Work with Routing Entries display and press the Enter key.

The appropriate routing entry display appears. The display that appears depends on the type of routing entry. See “Creating a Routing Entry” on page 143 for information on all routing types. In the following example, the Send Notification display appears.

```

                                Send Notification
Destination name . . . . . : ABC OFFICE FURN CO
Identifier/Entry . . . . . : 9876/*DEFAULT
TSI code . . . . . : 999-888-1234

Type choices, press Enter.

Message text:
A FAX HAS BEEN RECEIVED FROM ELBA ENGINEERING _____
_____
_____
_____
_____

Send to . . . . . _____

Break message . . . . . 2 1=Yes, 2=No

F3=Exit  F12=Cancel
```

In this example, you can change the text of the message that is delivered to the user when the routing entry is processed. Press the Enter key to confirm any changes or Press F12 (Cancel) to end this function.

Removing a Routing Entry

Use option 4 (Remove entry) on the Work with Routing Entries display to remove a routing entry. Type a 4 next to the appropriate routing entry on the Work with Routing Entries display and press the Enter key. The Remove Routing Entry display appears.

Remove Routing Entry

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choice.

Routing Type	Description
*TSI-SNDDOC	Send fax as document to JAJONES AS4001

F3=Exit F12=Cancel

Press the Enter key to confirm the removal of the routing entry or press F12 (Cancel) to end this function.

Editing TSI Information

To add or change a TSI code, select option 2 (Edit TSI Code) on the Work with TSI Routing display. Type a 2 next to the appropriate destination name on the Work with TSI Routing display and press the Enter key. The Edit TSI Code display appears.

Edit TSI Code

Destination information:

Name	: ABC OFFICE FURN CO
Identifier	: 9876
Entry	: *DEFAULT
Contact	:
Telephone	:
Fax number	: 9998881234

To change TSI Code, change New TSI Code and press Enter.

Current TSI Code	New TSI Code
999-888-2272	999-888-1234_____

F3=Exit F12=Cancel

The TSI code must be unique; no other destination can have the same TSI code. If you have not defined a TSI code for a particular master list entry, the Current TSI Code field is blank. Type the new TSI code and press the Enter key. To end this function, press F12 (Cancel).

Inbound Routing Using Received Tones

The Facsimile Support for AS/400 product allows you to use received codes, such as Dual Tone Multi-Frequency (DTMF) codes or direct inward dial (DID), to route faxes. For example, you might use the telephone extension or department number of the fax recipient as the routing code for that recipient.

You might also write an application to file all incoming faxes with routing code 1234 and then send them to Sam in Accounts Receivable. Similarly, the application would send all faxes with routing code 5155 to Mary in Purchasing. The application could identify all faxes with a routing code of 1111 as priority faxes to print in the Chief Executive Officer's office.

The PCI Based Integrated Remote Access adapters, the IBM FaxConcentrator Adapter/A, and some models of GammaLink programmable fax adapters support DTMF routing. Only some GammaLink adapters support DID routing. See your fax administrator to determine if these types of routing are available on your system.

When calling the Facsimile Support for AS/400 product, use the following procedure to specify a routing code from a fax machine:

1. Load the document into your fax machine.
2. Dial the fax telephone number.
3. Wait for a short tone.
4. Enter the routing code, from one to ten digits (0 through 9).
5. Enter a pound sign (#) to delimit the end of the routing code.
6. Listen for a high-pitch tone.
7. Press the send button on the fax machine and hang up the receiver. The send button on your machine might be labeled something other than Send (for example, Fax or Start).

Adding Routing Entries to Fax Profiles

Routing that is based on received tones begins with a fax profile. When you create or edit a fax profile, you can enter a value in the RTGCOD field. This value represents the keys pressed on the keypad of the sending fax machine. These can be any combination of the numbers 0 through 9. You might use a telephone extension or a company serial number for the routing code. However, the routing code for each fax profile must be unique.

Note: Faxes that are received without a routing code have a default value of 0000000000.

You can use the Work with Fax Profiles (WRKFAXPRF) command to set up routing entries for received faxes on your AS/400 system. To activate routing based on received codes, specify the following parameter values on the Configure Fax Services (CFGFAXSRV) command.

- OPTION(*INBOUND)
- STRFAXRTG(*YES)
- FAXRTGTYP(*TONE)

You can perform the following actions for a received fax:

- Print the received fax on an IPDS AFP-capable print device

- File the received fax in a folder as a document
- Send notification to a user of the received fax
- Send the fax as a document to one or more users
- Run a user application to handle the received fax

You can perform these actions in any order and as many times as necessary for handling the received fax. See “Creating a Routing Entry” on page 143 for more information on creating your routing entry.

The following steps show the order in which fax support processes routing entries:

1. Start all print routing entries
2. Start all filing routing entries
3. Start all receive program routing entries
4. Start all send document routing entries
5. Start all send message routing entries

Working with Routing Entries

A routing entry defines the action that fax support takes when it finds a routing code match for a received fax. Before you can work with routing entries, the fax profile must have a routing code associated with it. See “Editing Fax Profiles” on page 25 for instructions on adding a routing code to a fax profile.

To work with routing entries, use option 8 (Routing entries) on the Work with Fax Profiles display.

Work with Fax Profiles

Position to _____

Type option, press Enter.

2=Edit	3=Copy	4=Remove	5=Display
6=Print	8=Routing entries		14=Authority

Opt	Fax Profile	Description
—	ANDERSON	Fax Profile for Anderson
—	JONES	Fax Profile for Jones
—	HILLER	Fax Profile for Hiller

F3=Exit F5=Refresh F6=Create F12=Cancel

Type an 8 next to the appropriate fax profile on the Work with Fax Profiles display and press the Enter key. The Work with Routing Entries display appears.


```

Work with Routing Entries

Fax profile . . . . . : JONES
Routing code . . . . . : 123100

Type option, press Enter.
  2=Edit entry  4=Remove entry

Opt  Routing Type      Description
---  *TONE-FILED        Notify SMITH, break message set at *NO
---  *TONE-NOTIFY       File received fax as *GENERATE in RCVFAX

F3=Exit  F5=Refresh  F6=Create  F12=Cancel

```

Use F6 (Create) to add routing entries to a fax profile. See “Creating a Routing Entry” on page 143 for more information. The possible routing types are:

- *TONE-FILED**
Specifies to file a received fax
- *TONE-NOTIFY**
Specifies to send a notification message to a user
- *TONE-PRINT**
Specifies to print a received fax
- *TONE-RCVPGM**
Specifies to run a user program that handles the received fax
- *TONE-SNDDOC**
Specifies to send the received fax as a document to a user

Creating a Routing Entry

To create a routing entry, select F6 (Create) on the Work with Routing Entries display. The Select Routing Entry Type window appears.

Work with Routing Entries

```
                Select Routing Entry Type

Select one of the following:

1) Print received fax
2) File received fax
3) Send notification
4) Send fax as a document
5) Run user receive program

Selection:          1

F3=Exit  F12=Cancel
```

F3=Exit F5=Refresh F6=Create F12=Cancel

Select the routing entry type that you want to create for the received fax. Next, press the Enter key to confirm your choice. To end this function, press F12 (Cancel).

Printing a Received Fax Routing Entry: To print a received fax routing entry, type a 1 (Print received fax) on the Select Routing Entry Type window and press the Enter key. The Print Received Fax display appears.

```
                Print Received Fax

Fax profile . . . . . : LGRASS
Routing code . . . . . : 121230

Type choices, press Enter.

Print device name . . . . . *JOB_____ Name, *JOB, *SYSVAL
Number of copies . . . . . 001          Number, 1 - 255
Starting page . . . . . 1              1 - 99999
Ending page . . . . . *END_           1 - 99999, *END
Paper size . . . . . *LETTER          *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION    *POSITION, *CENTER, *SCALE
Delete after print . . . . . 2        1=Yes, 2=No

F3=Exit  F12=Cancel
```

From this display, you can enter print parameters for the fax. You can also specify whether fax support should delete the fax file after printing it. Use the Print Received Fax display to specify the following parameters:

Print device name

Specifies the printer or the device name on which the fax is printed.
Possible values include:

Name The device name of a valid IPDS- and AFP-capable printer to print the received fax.

***JOB** Tells fax support to use the default printer.

***SYSVAL**

Tells fax support to use the value of the system QPRTDEV parameter when printing the received fax.

Number of copies

Specifies the number of copies to print. The valid values for this parameter are 001 to 255.

Starting page

Specifies the starting page number to use when printing a fax.

Ending page

Specifies the ending page number to use when printing a fax.

Paper size

Specifies the paper size to use when formatting the fax. The paper size determines the size of the output area when fax support prints or displays the fax.

You can specify *LETTER, *LEGAL, *A4, and *B4. However, the physical size of the paper that is loaded in the printer determines the actual printable area. In addition, many printers use an unprintable border, which further reduces the printable area.

If you are printing a large fax (*LEGAL), on a printer that has smaller (*LETTER) paper, you can reduce the fax to fit on the smaller paper. To do so, use a mapping value of *SCALE. If the printer is not capable of reducing the image, the fax may be unreadable. In this case, we recommend that you load the printer with paper that matches the size of the fax.

Mapping value

Specifies how fax support places the fax image in the output area.

Delete after print

Specifies whether to delete this fax after printing it. If you want fax support to delete this fax and its associated log entries after printing it, set this value to 1=Yes. If not, leave the value at 2=No.

Filing a Received Fax Routing Entry: To file a received fax routing entry, type a 2 (File received fax) on the Select Routing Entry Type window and press the Enter key. The File Received Fax display appears.

```

                                File Received Fax

Fax profile . . . . . : LGRASS
Routing entry . . . . . : 121230

Type choices, press Enter.

Document . . . . . *GENERATE__ Name, *GENERATE
Folder . . . . . RCVFAX_____

Document type . . . . . *RFTDCAFAX *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX
Paper size . . . . . *LETTER *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION *POSITION, *CENTER, *SCALE
Delete fax . . . . . 2 1=Yes, 2=No

F3=Exit F12=Cancel

```

Use the File Received Fax display to specify the following parameters:

Document
 Specifies the document name for the received fax. You can select a document name by typing a new name as long as the name you choose does not already exist. You can type *GENERATE as the document name. *GENERATE automatically files the document, using the RCVnnnnn format (where nnnnn is in the range of 00001 to 99999).

Folder
 Specifies the folder name for the received fax. You can select the default folder (RCVFAX) or type in a valid name of an existing folder. When using either the default folder or typing in a valid folder name, you must have *CHANGE authority for the folder selected.

Document type
 Specifies the document type for the received fax. Valid document types are *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX, *TIFF, or *TIFFFAX. Specify either *RFTDCAFAX or *RFTDCA to allow users to work with these documents in OfficeVision for AS/400 environment. Specify *TIFFFAX if you are using the SAP viewer.

Paper size
 Specifies the paper size to use when formatting the fax. The paper size determines the size of the output area when printing or displaying the fax. Due to the boundary areas that are required by printers, the output area is slightly smaller than the specified paper size.

Mapping value
 Specifies how fax support places the fax image in the output area.

Delete fax
 Specifies whether to delete this fax after filing it. If you want fax support to delete the fax and its associated log entries after filing it, set this value to 1=Yes. Otherwise, leave the parameter value, 2=No.

Verifying your choices on the File Received Fax display. You can then press the Enter key to confirm your choices or press F12 (Cancel) to end this function.

Sending Notification Routing Entry: To send a notification routing entry, type a 3 (Send notification) on the Select Routing Entry Type window and press the Enter key. The Send Notification display appears.

```

Send Notification

Fax profile . . . . . : LGRASS
Routing code . . . . . : 121230

Type choices, press Enter.

Message text:
_____
_____
_____
_____
_____

Send to . . . . . _____

Break message . . . . . 2 1=Yes, 2=No

F3=Exit  F12=Cancel

```

A break message can be sent to either a user ID or a workstation message queue. Press the Enter key to confirm your choices or press F12 (Cancel) to end this function.

Sending a Document Routing Entry: To send a document routing entry, type a 4 (Send fax as a document) on the Select Routing Entry Type window and press the Enter key. The Send Document display appears.

```

Send Document

Document . . . . . : *LASTFILED
Folder . . . . . : *LASTFILED

Type distribution list or addresses, then press Enter.
Distribution list . . . . . _____ F4 for list

----Addressees----
User ID      Address      Description
____
____
____
____
____
____
____

More...

F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel

```

If you have a send document routing entry, you must also have a file fax routing entry. This ensures that fax support has filed the fax as a document in a folder prior to sending it.

The Facsimile Support for AS/400 product keeps track of the last document and folder used to file a received fax. Fax support uses these values as the document and folder information when you use the send function.

You can type one or more users on this display or retrieve a distribution list to select the users you want to send the document to. To retrieve a distribution list, press F4 (Prompt). To see a list of users, position your cursor next to the *User ID* column and press F4 (Prompt). Press the Enter key to confirm your selections and send the document. To end this function, press F12 (Cancel).

Running a User Receive Program Routing Entry: To run a user receive program routing entry, type a 5 (Run user receive program) on the Select Routing Entry Type window. Press the Enter key. The Run User Receive Program display appears.

```

                                Run User Receive Program

Fax profile . . . . . : LGRASS
Routing code . . . . . : 121230

Type choices, press Enter.

Program . . . . . _____ Name
Library . . . . . *LIBL_____ Name, *LIBL

F3=Exit   F12=Cancel
  
```

Use the Run User Receive Program display to specify the following parameters:

Program

Specifies the name of the user receive program that handles the received fax.

Library

Specifies the name of the library in which the program resides. Enter a library name or use *LIBL to allow the system to search your library list for the program.

When it runs, the user receive program needs to know where to find the received fax. A data area provides this information. The program can access this data area while it is running. See the *Facsimile Support for AS/400 Programmer's Guide and Reference* for more information on the receive fax data area.

Editing a Routing Entry

Use option 2 (Edit entry) on the Work with Routing Entries display to change a routing entry. Type a 2 next to the appropriate routing entry on the Work with Routing Entries display and press the Enter key.

The appropriate routing entry display appears. The display that appears depends on the type of routing entry. See "Creating a Routing Entry" on page 153 for information on all routing types. In the following example, the Send Notification display appears.

```

Send Notification

Fax profile . . . . . : LGRASS
Routing code . . . . . : 121230

Type choices, press Enter.

Message text:
A FAX HAS BEEN RECEIVED FROM ELBA ENGINEERING_____
_____
_____
_____
_____

Send to . . . . . _____

Break message . . . . . 2 1=Yes, 2=No

F3=Exit  F12=Cancel

```

In this example, you can change the text of the message that is delivered to the user when the routing entry is processed. Press the Enter key to confirm any changes. To end this function, press F12 (Cancel).

Removing a Routing Entry

Use option 4 (Remove entry) on the Work with Routing Entries display to remove a routing entry. Type a 4 next to the appropriate routing entry on the Work with Routing Entries display and press the Enter key. The Remove Routing Entry display appears.

```

Remove Routing Entry

Press Enter to confirm your choices for 4=Remove.
Press F12=Cancel to return to change your choice.

Routing Type          Description
*TSI-SNDDOC           Send fax as document to JAJONES AS4001

F3=Exit  F12=Cancel

```

Press the Enter key to confirm the removal of the routing entry. To end this function, press F12 (Cancel).

Editing Routing Code Information

To add or change a routing code, select option 2 (Edit) on the Work with Fax Profiles display. Press the Enter key. The Edit Fax Profile display appears.

Edit Fax Profile

Type choices, press Enter.

User Information:

Profile name	JONES	
Description	<i>Fax Profile for Jones</i>	_____
Administrator	2	1=Yes, 2=No
Environment	2	1=Basic, 2=Enhanced
Routing code	_____	

Cover Page Information:

Create cover page	1	1=Yes, 2=No
Fax title	_____	
From lines	<i>Fax from Joe Jones</i>	_____
	<i>Dept 8K, Management Support</i>	_____
	<i>Valleyville, OR</i>	_____
Comment line	<i>For Your Information</i>	_____

Printer file QPFFCVP_____ QPFFCVP, Name

Library QFAX_____ QFAX, *CURLIB, Name

More...

F3=Exit F12=Cancel

The routing code must be unique; no other fax profile can have the same routing code. If you have not defined a routing code for a particular fax profile, the Routing code field is blank. Type the new routing code and press the Enter key. To end this function, press F12 (Cancel).

Chapter 14. Using Facsimile Support for AS/400 with Lotus Domino

This appendix provides information about how to use Facsimile Support for AS/400 in combination with Lotus Domino for AS/400. It also explains the two different ways you can fax data from a Lotus Notes client and shows you how to route received faxes to Lotus Notes mail.

Setting Up Facsimile Support

To be able to use Facsimile Support for AS/400 with Lotus Domino, complete the following steps:

1. Install Lotus Domino on the AS/400 system.
2. Configure Lotus Domino on the AS/400 system.
3. Install and Configure Lotus Notes on the PC workstation.
4. Start Lotus Domino on the AS/400 system.
5. Start the QMSF subsystem on the AS/400 system. For this step to work, you may need to end the QMSF subsystem and restart it.

Steps for Installing/Configuring Facsimile Support for AS/400

Before using the Facsimile Support for AS/400 product, install, configure, and customize the product to meet the needs of your business. The following steps explain how to install and prepare the Facsimile Support for AS/400 product.

1. Use the *Restore Licensed Program* (RSTLICPGM) command to install the Facsimile Support for AS/400 licensed product (5798-TBY) on your AS/400 system.

For information on installing this product, see Chapter 2, "Managing the Facsimile Support for AS/400 Product on the AS/400 System" in the *Facsimile Support for AS/400 Installation Guide*, SC41-0654-01. If you have an AS/400 9401 Model 150, the Facsimile Support for AS/400 product is pre-installed.

2. Define each fax controller to the AS/400 system. To do so, complete the following steps:
 - Use the *Create Fax Description* (CRTFAXD) command to create a description that identifies the fax controller on the AS/400 system. You must specify the LINKTYPE parameter *LAN, *TDLC, *FAX, *ASYNCR, *IMANALOG, or *IMISDN.
 - For details on the CRTFAXD command, see the *Facsimile Support for AS/400 Programmer's Guide and Reference*, SC41-0656-01.
 - Use the *Add Fax Card* (ADDFAXCRD) command to separately declare each telephone line that is attached to the fax controller. Depending on whether you have an external fax controller or an internal fax controller, provide information relating to that specific controller.
 - For *external fax controllers*:
Provide information that defines each fax controller and fax card that is located in the controller. (See Chapter 3, "Installing and Configuring the Facsimile Support for AS/400 Product on the External Fax Controller" in the *Facsimile Support for AS/400 Installation Guide*, SC41-0654-01 for instructions.)
 - For *internal fax controllers*:

Provide information that defines the controller and ports that are associated with the controller. This includes the 7852-400 modem. (See “Configuring the Facsimile Support for AS/400 Product” in the *Facsimile Support for AS/400 Installation Guide*, SC41-0654-01.)

3. Install the necessary hardware and software. Refer to the publications listed below for installation options:
 - To use the 7852-400 modem, see “Installing the 7852-400 Modem”, in the *Facsimile Support for AS/400 Installation Guide*, SC41-0654-01.
 - To use an external fax controller, see Chapter 3, “Installing and Configuring the Facsimile Support for AS/400 Product on External Fax Controller” in the *Facsimile Support AS/400 Installation Guide*, SC41-0654-01.
4. Use the *Create Fax Profile* (CRTFAXPRF) command to create the necessary fax profiles for AS/400 users who use the Facsimile Support for AS/400 product. For more details on the CRTFAXPRF command, see the *Facsimile Support for AS/400 Programmer’s Guide and Reference* , SC41-0656-01.
5. Use the *Configure Fax Services* (CFGFAXSRV) command to configure the enhanced services portion of the Facsimile Support for AS/400 product. Enhanced services allows you to customize your fax operating environment. See the *Facsimile Support for AS/400 User’s Guide*, SC41-0655-01, for more information about Enhanced Services. To use the CFGFAXSRV command, the user must be setup as a Fax Administrator.
6. Use the *Start Fax Support* (STRFAXSPT) command to start the Facsimile Support for AS/400 product.
7. Use the *Create Fax Master List Entry* (CRTFAXMLE) command to add entries in the fax master list. Include all of the destinations that you plan to routinely send faxes to and receive faxes from.

For more information, see the *Facsimile Support for AS/400 Programmer’s Guide and Reference*, SC41-0656-01.
8. Use the *Create Fax Distribution List* (CRTFAXDST) command to create fax distribution lists. Fax distribution lists contain entries from the Fax Master List, and allow you to send to specific groups of users.

For more information, see the *Facsimile Support for AS/400 Programmer’s Guide and Reference*, SC41-0656-01.
9. Set up your AS/400 for integrating the Facsimile Support for AS/400 product with the AnyMail/400 Mail Server Framework product. For more information, see the *AnyMail/400 Mail Server Framework Development Guide*, SG24-4449. The section “Setting Up Your System Distribution Directory Entry” gives an example of how to set up System Directory entries for faxing.

Using the AnyMail/400 Mail Server Framework

Before using the AnyMail/400 Mail Server Framework product, you need to add fields to the system directory attributes that are used by the AnyMail/400 Mail Server Framework product. Facsimile Support for AS/400 requires these user-defined fields. Use the *Change Fax System Directory Attributes*(CHGFAXSDA) command to add these fields. For details on this command, see the *Facsimile Support for AS/400 Programmer’s Guide and Reference*, SC41-0656-01.

Setting Up Your System Distribution Directory Entry

The system distribution directory is similar to an address book. Electronic mail support uses the system distribution directory on the AS/400 system. If you use the

system distribution directory, add a directory entry for each fax recipient for whom you want to use this function. The system distribution directory entries associate the mail addresses with the fax-telephone numbers, master-list entries, or distribution lists. The contents of the user-defined fields in the directory entry should match the fax master list or fax distribution list entries that you have already created using the Facsimile Support for AS/400 Enhanced Services. Give each entry a unique user ID and address. For example, you can assign a user ID with an address of FAX to represent the person or company who uses the fax.

The displays in this section provide examples of how to add a system distribution directory entry for a fax machine in the Accounts Receivable department for ABC Office Furniture Company. The user to receive the faxes is Scott Jones, who works in the Accounts Receivable department. In this example, we use the information in the Fax Master List, so we do not specify a fax telephone number.

The Fax Master List Entry in our example is as follows:

Destination	Identifier	Entry
ABC Office Furniture Co.	9876	Accounts Receivable

To add an entry, use the Work With Directory Entries (WRKDIRE) command. When you press the Enter key, a display similar to the one in Figure 2 appears.

```

                                Work with Directory Entries
Type options, press Enter.
  1=Add      2=Change  4=Remove  5=Display details  6=Print details
  7=Rename   8=Assign different ID to description  9=Add another description

Opt  User ID  Address  Description
--  -
  AAA  FAX      fafadfa
  ACCOUNTS  FAX      ACME Accounts Receivable
  DSCHROED  SYSASD2V  Dennis Schroeder
  FAXDLE   FAX      Bad dist list
  FAXGCS   FAX      Fax to Grand Central
  FAXMLE   FAX      Grand Central 57574
  FAXMLE2  FAX      Team Office 57574
  FAXTELN  FAX      Phone number 57574
  HOCKEY   FAX      Test DST\Entry
  IZZY     SYSASD2V  D49M, Izzy POP3 ID
  KLUCK    SYSASD2V  kluck directory entry
  KPS      SYSASD2V  Kevin Stamschror
                                           More...
F3=Exit      F5=Refresh  F9=Work with nicknames  F11=Sort by description
F12=Cancel   F13=Work with departments  F17=Position to  F24=More keys

```

Figure 2. Work with Directory Entries

Select option 1 (Add) on the Work With Directory Entries display and press the Enter key. The Add Directory Entry display appears as shown in Figure 3 on page 164.

```

                                Add Directory Entry
Type choices, press Enter.
User ID/Address . . . . ACCTS  FAX
Description . . . . . Scott Jones at ABC Accounts Receivable
System name/Group . . . FAX
User profile . . . . . F4 for list
Network user ID . . . . F4 for list

Name:
Last . . . . .
First . . . . .
Middle . . . . .
Preferred . . . . .
Full . . . . .

Department . . . . . F4 for list
Job title . . . . .
Company . . . . .

More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F18=Display location details
F19=Add name for SMTP  F20=Specify user-defined fields

```

Figure 3. Add Directory Entry

Complete the fields on the Add Directory Entry display as they are described in the remainder of this section. All of the fields for the Add Directory Entry displays are shown. Specify only the required fields, as they are described in this section. Depending on your own needs, you may also choose to enter the optional information.

User ID and Address:

Enter the user ID and address for this entry. In our example, the user ID is ACCTS at address FAX. A fax machine resides at this address, for use by the Accounts Receivable department at ABC Office Furniture Company.

Description:

Enter a description of the user for whom you are adding this entry. In our example, this is Scott Jones at ABC Accounts Receivable.

System Name and Group:

For a fax entry, enter FAX as the system name. Do not enter the actual system name. Do not use the *Group* field. Press the Enter key, and this message appears:

System name and group not found. Press enter to confirm.

This is not an error; ignore this message and press the Page Down key to continue.

Fax Telephone Number:

Enter the fax telephone number for the fax recipient. If you are using a fax distribution list or fax master list entry, you do not need to enter the *Fax telephone number* field. Instead, complete the information in the user-defined fields. In the example shown in Figure 4 on page 165, we use a fax master list entry, so leave the *fax telephone number* field blank.

```

                                Add Directory Entry
Type choices, press Enter.
Telephone numbers . . . . _____
_____
FAX telephone number _____
Location . . . . . _____ F4 for list
Building . . . . . _____
Office . . . . . _____
Mailing address . . . . _____
_____
_____
_____
More...
F3=Exit F4=Prompt F5=Refresh F12=Cancel F18=Display location details
F19=Add name for SMTP F20=Specify user-defined fields

```

Figure 4. Add Directory Entry Second Display

To view the parameters in the third display, as shown in Figure 5, use the Page Down key.

```

                                Add Directory Entry
Type choices, press Enter.
Indirect user . . . . . N Y=Yes, N=No
For choice Y=Yes:
Print private mail N Y=Yes, N=No
Print cover page . . . . Y Y=Yes, N=No
Mail notification . . . . 1 1=Specific types of mail
                                     2=All mail
                                     3=No mail
For choice 1=Specific types of mail:
Priority, private,
important mail Y Y=Yes, N=No
Messages . . . . . Y Y=Yes, N=No
Text . . . . . _____
More...
F3=Exit F4=Prompt F5=Refresh F12=Cancel F18=Display location details
F19=Add name for SMTP F20=Specify user-defined fields

```

Figure 5. Add Directory Entry Third Display

To view the parameters in the fourth display, as shown in Figure 6 on page 166, use the Page Down key.

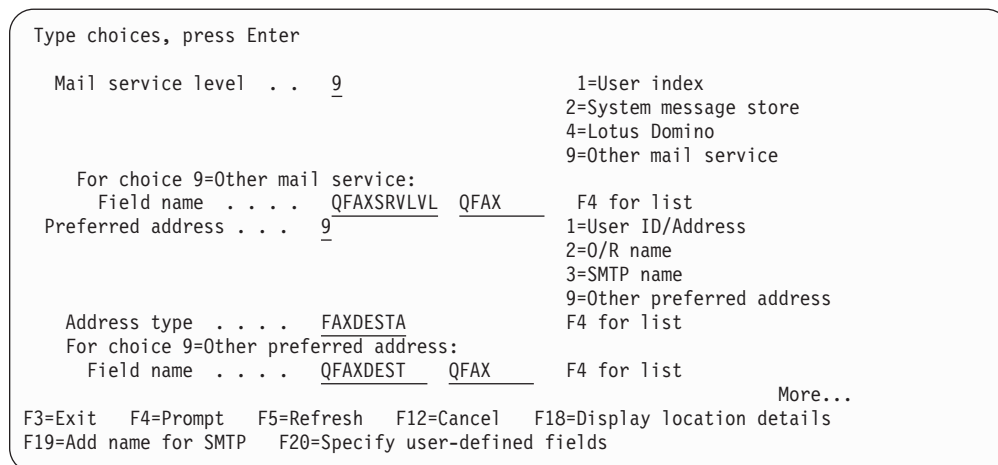


Figure 6. Add Directory Entry Fourth Display

Mail Service Level:

Select option 9 (other mail service). Specify the field name for the mail service level QFAXSRVLVL QFAX.

Preferred Address:

This is the address that represents the system distribution directory entry. Select option 9 (other preferred name) and enter the field name. The field name that you specify must be consistent with the information that you specify in the user-defined fields. The address type must be one of the following:

- FAXTELNB for a fax telephone number
- FAXDESTA for a fax master list entry
- FAXDISTA for a fax distribution list

Field name consists of two values: a field name and a product ID. Complete the field name as follows:

1. For a fax telephone number, enter:
FAXTELNBR *IBM
2. For a fax master list entry, enter:
QFAXDEST QFAX
3. For a fax distribution list, enter:
QFAXDIST QFAX

The field name match the address type that you specified. A corresponding product ID is also required. The following table shows the relationship between these values:

Preferred Address	Field Name	Product ID
FAXTELNB	FAXTELNBR	*IBM
FAXDESTA	QFAXDEST	QFAX
FAXDISTA	QFAXDIST	QFAX

In our example, we specify FAXDESTA because we are using a fax master list entry.

You must specify these fields if you are using a fax master list entry or a fax distribution list. To enter the user-defined fields, press the F20 key. You can use F24 (More keys) to view more function keys. The Specify User-Designed Fields display appears, as shown in Figure 7.

Figure 7. User-Defined Fields

The Specify User-Defined Fields display allows users to access entries in the fax master list and fax distribution lists that you have already set up through the Facsimile Support for AS/400 product. This simplifies the task of finding the recipient when more than one person uses the fax machine. It allows you to tie the entry to a Facsimile Support for AS/400 master list entry to allow for a customized cover page.

The information for the *User-defined fields* must be consistent with the field name and ID that you previously entered for the *Preferred address field*. If you enter a fax telephone number (FAXTELNB) for the preferred address, Facsimile Support for AS/400 does not use the user-defined fields.

Field Name:

The value you enter for the *Field name* depends on the information that you specified for the *Preferred address field*. The following values are valid for the *Field name*:

To use a fax distribution list, enter: QFAXDIST. You must also specify the preferred address of: FAXDISTA.

To use a fax master list entry, enter: QFAXDEST. You must also specify a preferred address of: FAXDESTA.

Product ID:

Enter QFAX.

Value:

Use this field to specify the fax distribution list or fax master list entry. Enter the value as it appears on the fax distribution list or fax master list, in the following format:

destination\identifier\entry

For our example, we enter:

ABC Office Furniture Co\9876\Accounts Receivable

You must specify the *Destination*, *Identifier*, and *Entry*. If you omit one of these values, you must specify the corresponding delimiter (\). For example, to omit the *Identifier*, specify the entry as follows:

ABC Office Furniture Co\\Accounts Receivable

To omit the *Identifier* and *Entry* for a simple destination, specify the entry as follows:

ABC Office Furniture Co\\

Defining an Address for Simple Mail Transfer Protocol

Press the F19 key to add the name for SMTP. In our example, we are creating an ACCTS FAX entry. Depending on whether or not you converted the format of the SMTP names in your system distribution directory (SDD), one of two different looking panels will appear:

If you did *not* convert the SDD on your AS/400, the Add Name for SMTP display appears as shown in Figure 8.

Add Name for SMTP

Type choices, press Enter.

User ID	: ACCTS
Address	: FAX
SMTP user ID	: accts
SMTP domain	: test.name.ibm.com

SMTP route _____

F3=Exit F4=Prompt F12=Cancel

Figure 8. Add Name for SMTP (if SDD was not Converted)

If you did convert the SDD on your AS/400 using the *Convert SMTP Names* (CVTNAMSMTP) command, the *Specify User-Defined Fields* prompt appears as shown in Figure 9 on page 169.

Specify User-Defined Fields

Type choices, press Enter.

SMTPAUSRID SMTP accts

SMTPDMN SMTP test.name.ibm.com

F3=Exit F5=Refresh F12=Cancel

Figure 9. Add Name for SMTP (if SDD was Converted)

- While the SMTP user ID (accts in our example) can be an arbitrary, yet unique name, the SMTP domain (test.name.ibm.com) is *nota* random name. It must resolve (via DNS or local hosts table) to an IP address of one of the interfaces on your AS/400, most likely, but to necessarily, the AS/400's fully qualified TCP/IP host name.

For more information about SMTP and the CVTNAMSMTP command, see the *TCP/IP Configuration and Reference* or the redbook *AS/400 Electronic-Mail Capabilities*, SG24-4703. Additional information is available via the AS/400 Online Library at:

<http://as400bks.rochester.ibm.com>

Faxing from Lotus Notes

Now that you have created your directory entry, you can mail from Lotus Notes to that system directory entry. To mail, enter information in the *To* field as shown in this example:

In the *To* field enter:

accts@test.name.ibm.com

When the mail item gets to the AS/400 system, the AnyMail snap-ins determine that the directory entry has an address type of FAX. The mail item is faxed to the fax telephone number, fax master list entry, or fax distribution list that is specified in the system directory entry.

Faxing from Client Access/400

Another option that you can use to fax from your Lotus Notes workstation is to install the Client Access/400 AFP Print driver and configure a printer as an IBM AFP Facsimile Support for AS/400 device. When printing from Lotus Notes, a dialog prompts you for fax destination information. The following information describes how this option works.

Prerequisites

Complete the following steps before you configure the PC workstation to fax PC output.

1. Install Windows NT or Windows 95 Operating System on the PC workstation.
2. Install Client Access/400 on the PC workstation and select the AFP Printer driver to be installed.
3. Install the latest Service Pack for Client Access/400.
4. Establish a session with the AS/400 system on the PC workstation.

Configuring the PC Workstation to Fax PC Output

To configure the PC Workstation to fax PC output, complete these steps:

1. From the Windows desktop, choose Start - Settings - Printers.
2. From the Printers window, double-click Add Printer.
3. The Add Printer Wizard appears. To begin installing your printer, click Next.
4. Choose Network Printer and click Next.
5. From the Add Printer Wizard window, click Browse.
6. In the Browse for Printer window, double-click the AS/400 system you want to print to.
7. A list of printers appears. Double-click QFQFS4PRTD.
8. If a message appears, click OK. If no message appears, go to the next step.
9. In the Printer window, a name appears in the format: \\xxxx\qfqfs4prtd (xxxx is equal to the system name to which you are connecting).
10. The Add Printer Wizard window appears. Under the heading of Manufacturers, select IBM. Under the heading of Printers, select IBM AFP Facsimile Support/400 and click Next.
11. On the Add Printer Wizard window click NEXT.

Return to the Printers window and verify that the IBM AFP Facsimile Support/400 printer is added. Be patient, this may take some time. You can close this window. Now you can fax Lotus Notes output.

Routing Received Faxes to Domino for AS/400

You can use Enhanced Services routing to route faxes that are received through Facsimile Support for AS/400 to Domino for AS/400. If you have the necessary hardware, you can use the Transmitting Subscriber Identifier (TSI) or routing tones received from the Dual Tone Multi-Frequency (DTMF) or Direct Inboard Dial (DID) fax modems to route information. The information that follows explains how to set up this kind of routing.

The first step in setting up the routing is to create a directory entry for the fax data mail to be mailed to. The displays in this section provide an example of how to add a system distribution directory entry for the user PKENNEDY.

To add an entry, use the *Work With Directory Entries* (WRKDIRE) command. Type WRKDIRE from the command line and press the Enter key. The following display as shown in Figure 10 on page 171 appears.

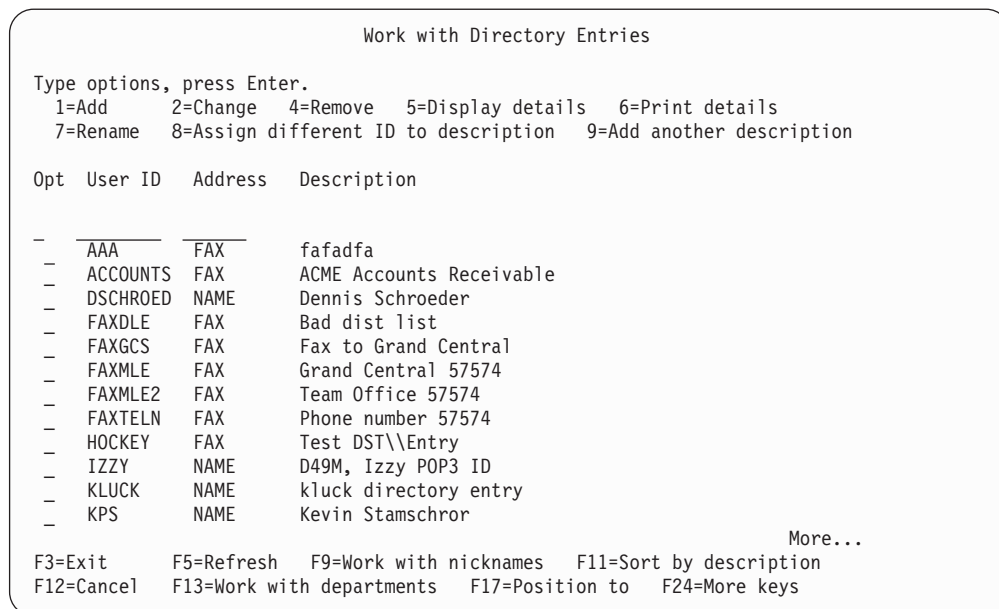


Figure 10. Create a Directory Entry to Route the Fax Data Mail

Select option 1 (Add) on the Work With Directory Entries display and press the Enter key. The Add Directory Entry display appears, as shown in Figure 11. You must complete the fields on the Add Directory Entry display as they are described in this section. All of the fields for the Add Directory Entry display are not shown. You need to specify only the required fields (as shown in this section). Depending on your needs, you may choose to enter optional information.

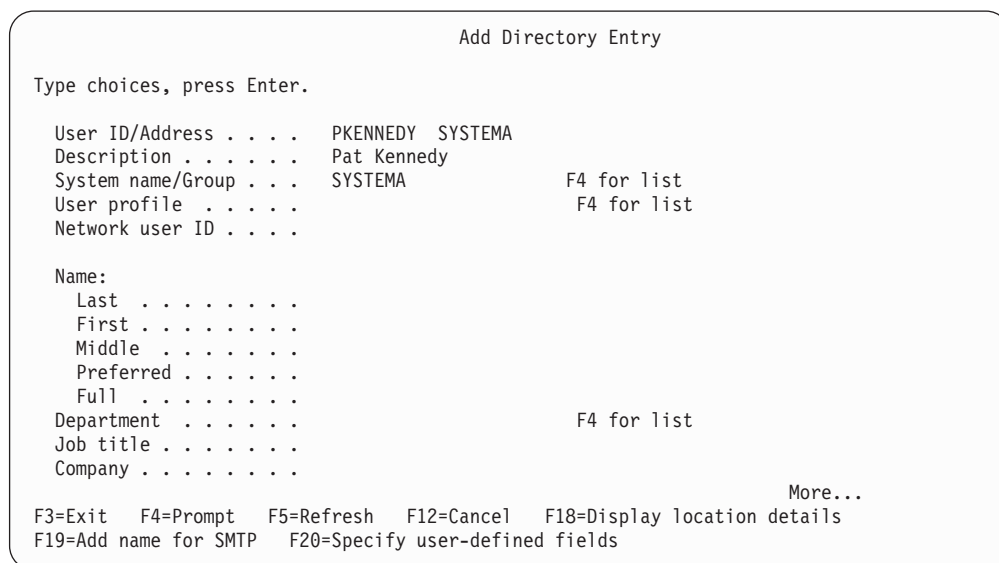


Figure 11. Complete Add Directory Entry

User ID/Address:

Enter the user ID and address for this entry. In our example, the user ID is PKENNEDY at Address SYSTEMA (where SYSTEMA is the name of the AS/400 system).

Description:

Enter a description for the user for whom you are adding this entry. In this example, this is Pat Kennedy.

System Name/Group:

Enter the system name and group in the same format as you entered the User ID and Address.

Network User ID:

Enter the network user ID in the same format as you entered the user ID and address. When you press the Enter key, the following message appears:

System name and group not found. Press enter to confirm.

This is not an error; ignore this message and press the Page Down key three times to continue. A display similar to the one in Figure 12 appears.

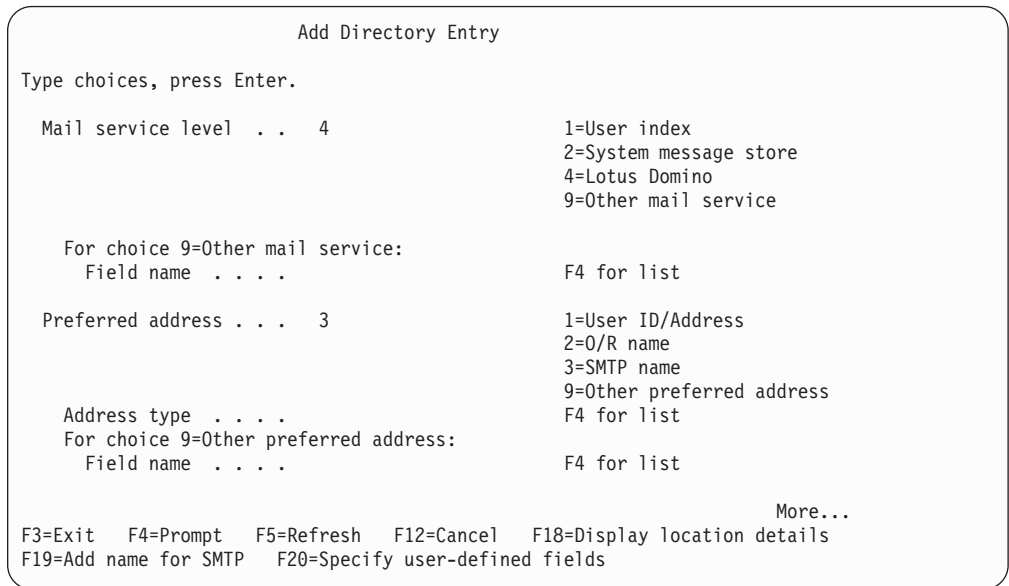


Figure 12. Complete Add Directory Entry Second Screen

Mail Service Level:

Select option 4 (Lotus Domino).

Preferred Address:

Select option 3 (SMTP Name) and Press F19 to enter the information for the SMTP Name as shown in Figure 13 on page 173.

```

                                Add Name for SMTP

Type choices, press Enter.

User ID . . . . . :   PKENNEDY
Address . . . . . :   SYSTEMA

SMTP user ID . . . . . pkennedy
SMTP domain . . . . . test.name.ibm.com
_____
_____

SMTP route . . . . . _____
_____
_____

F3=Exit  F4=Prompt  F12=Cancel

```

Figure 13. Add Name for SMTP

SMTP User ID:

Enter the name for the SMTP user ID for the system distribution directory entry that you are creating.

SMTP Domain:

Enter the correct information that pertains to your system. For more information about the SMTP domain, see the *TCP/IP Configuration and Reference*. Additional information is available via the AS/400 Online Library at:

<http://as400bks.rochester.ibm.com>

Press the Enter key to add the system distribution directory entry. You may have to press the Enter key more than once to complete the process.

Now that the system distribution directory entry has been created, you can customize your Facsimile Support for AS/400 to route faxes by tone, Transmitting Subscriber Identifier (TSI), or both.

Routing Using Received Tones

To route using tone, you need to configure the Facsimile Support for AS/400 Enhanced Services. Create a routing entry for each tone value that you want routed. You can do this by modifying the Fax Profiles that you created earlier or by creating new Fax Profiles. For example, we modify the existing PKENNEDY Fax Profile.

To do so, type GO FAX at the command line. The Facsimile Support for AS/400 Main Menu appears. Select option 2 (Fax Profiles) and press the Enter key. The Fax Profiles menu appears as shown in Figure 14 on page 174.

```

FAXPRF                               Fax Profiles                               System:  SYSTEMA

Select one of the following:

    1. Work with Fax Profiles
    2. Create Fax Profile
    3. Edit Fax Profile

Selection or command
===>

F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu

```

Figure 14. Fax Profiles Menu

Select option 1 to Work with Fax Profiles and press the Enter key. The Work with Fax Profiles display appears. Locate the Fax Profile that you want to modify, or press F6 to create a new fax profile. In this example, we modify the PKENNEDY profile that already has been created. Select 2 (edit) next to the profile that you want to edit and press the Enter key. The Edit Fax Profile display appears as shown in Figure 15.

```

                                Edit Fax Profile

Type choices, press Enter.

Profile Information:
Profile name . . . . . PKENNEDY
Description . . . . . Pam Kennedy
Administrator . . . . . 1                1=Yes, 2=No
Environment . . . . . 2                  1=Basic, 2=Enhanced
Routing code . . . . . 4567

Cover Page Information:
Create cover page . . . . . 1            1=Yes, 2=No
Fax title . . . . .
From lines . . . . . Pam Kennedy

Comment line . . . . .
Printer file . . . . . QPFFCVP           QPFFCVP, Name
Library . . . . . QFAX                  QFAX, *CURLIB, Name

F3=Exit  F12=Cancel                               More...

```

Figure 15. Edit Fax Profile

On the Edit Fax Profile display, input or modify the Routing code field. In our example, we input a routing code of 4567. Press the Enter key to make the change. You return to the Work With Fax Profiles display. Select option 8 (Routing entries) and press the Enter key. The Work with Routing Entries display appears as shown in Figure 16 on page 175.

```

Work with Routing Entries

Fax profile . . . . . : PKENNEDY
Routing code . . . . . : 4567

Type option, press Enter.
  2=Edit entry  4=Remove entry

Opt  Routing Type      Description
    (No additional information found)

F3=Exit  F5=Refresh  F6=Create  F12=Cancel
(C) COPYRIGHT IBM CORP. 1995, 1998.
Bottom

```

Figure 16. Work with Routing Entries

Press F6 to create a routing entry. The Select Routing Entry display appears as shown in Figure 17.

```

Work with Routing Entries

Select Routing Entry Type

Select one of the following:

1) Print received fax
2) File received fax
3) Send notification
4) Send fax as a document
5) Run user receive program

Selection:

F3=Exit  F12=Cancel

F3=Exit  F5=Refresh  F6=Create  F12=Cancel
Bottom

```

Figure 17. Select Routing Entry Type

From the Select Routing Entry Type display, you can create as many routing entries as you want. To mail a received fax to Lotus Notes, you must create at least two routing entries. For the first routing entry, select option 2 (File Received Fax) and press Enter. The File Received Fax display appears as shown in Figure 18 on page 176.

```

File Received Fax

Fax profile . . . . . : PKENNEDY
Routing Code . . . . . : 4567

Type choices, press Enter.

Document . . . . . *GENERATE   Name, *GENERATE
Folder . . . . . RCVFAX

Document type . . . . . *RFTDCAFAX *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX
Paper size . . . . . *LETTER      *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION  *POSITION, *CENTER, *SCALE
Delete fax . . . . . 2            1=Yes, 2=No

F3=Exit  F12=Cancel

```

Figure 18. File Received Fax

You can change any of the parameters for your environment. For this example, change the Document Type to *TIFF and press the Enter key. The Work with Routing Entries display appears with the entry created as shown in Figure 19.

```

Work with Routing Entries

Fax profile . . . . . : PKENNEDY
Routing code . . . . . : 4567

Type option, press Enter.
  2=Edit entry  4=Remove entry

Opt  Routing Type      Description
    *TONE-FILED      File received fax as *GENERATE in RCVFAX

Bottom

F3=Exit  F5=Refresh  F6=Create  F12=Cancel
(C) COPYRIGHT IBM CORP. 1995, 1998.

```

Figure 19. Work Routing Entries Display for Changing Parameters

Press F6 to create a second routing entry. The Select Routing Entry Type display appears as shown in Figure 20 on page 177.

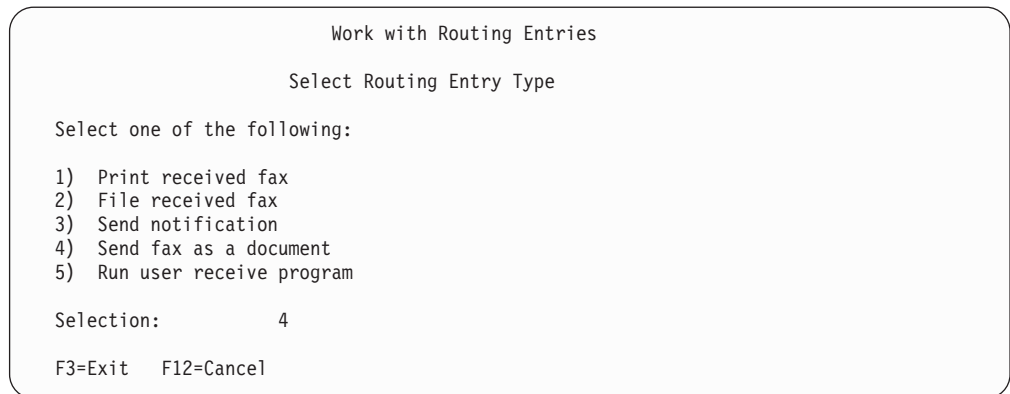


Figure 20. Select Routing Entry Type

Select option 4 (Send fax as a document) and press Enter. The Send Document display appears as shown in Figure 21.

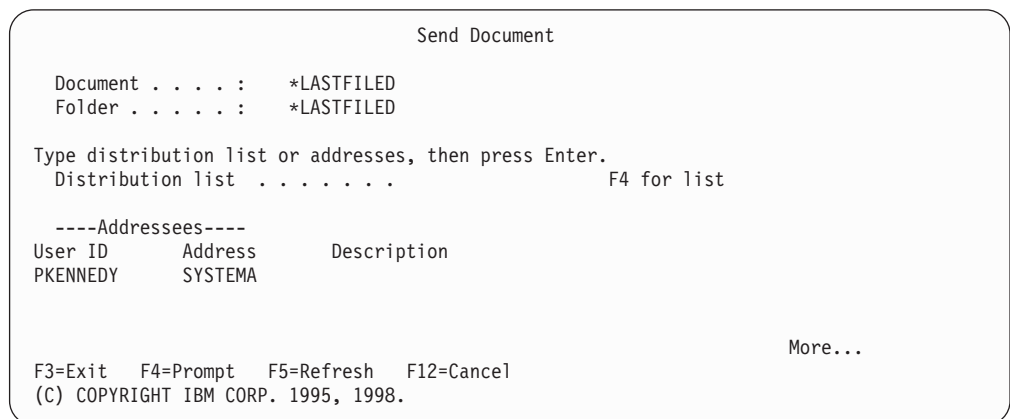


Figure 21. Send Document Display

User ID:

Enter the name of the system distribution directory entry that you created earlier. In our example, the user is PKENNEDY.

Address:

Enter the name of the address. In our example, this is SYSTEMA.

Press the Enter key to create the routing entry. The entry is created and you return to the Work With Routing Entries display. Add additional routing entries, or press F12 to return to the Work with Fax Profiles display.

Now, when a fax is received with a tone value of 4567, it is filed as a document in a folder. The document is mailed to Lotus Notes user PKENNEDY.

- For this to happen, you need configure the Configure Fax Services (CFGFAXSRV) command and set the Start Fax Routing parameter to *YES. Refer to the *Facsimile Support for AS/400 Programmer's Guide and Reference*

for more information about the CFGFAXSRV command. Also, make sure to start Facsimile Support and Enhanced Services with the STRFAXSPT command.

Routing Using Transmitting Subscriber Identifier (TSI)

In addition to routing by tone (as described in the previous section), you can use the Transmitting Subscriber Identifier (TSI) to route information.

Most fax machines are configured to send some kind of identification along as part of the fax transmission. The identification may be the fax telephone number or the company name. With Facsimile Support for AS/400, you can route faxes based on the TSI value.

You can route a received fax to Lotus Notes mail by configuring routing entries in Enhanced Services. This section explains how to create routing entries for the TSI value. You also need to create a system distribution directory entry. In the section, Routing Received Faxes to Domino for AS/400, a system distribution directory entry called PKENNEDY was created. We refer to that system distribution directory entry in this section. If you have not created a system distribution directory entry, you need to do so.

To route using TSI, configure the Facsimile Support for AS/400 Enhanced Services. You need to create routing entries. To do this, type wrktsirtg (Work With TSI Routing) at the command line, and press Enter. The Work With TSI Routing display appears as shown in Figure 22.

```
Work with TSI Routing

Position to . . . . .
Type option, press Enter.
  1=Work with entries  2=Edit TSI Code

Opt  Destination Name          TSI Code
-----
AA
ABC OFFICE FURNITURE CO
ABC OFFICE FURNITURE CO
ABILIENE CHRISTIAN
ACE                                FAX TEAM 123
ACE2
ADAMS STATE                        555555
ADELPHI
ADRIAN                            5071237890
AKRON                             5071234567
ALABAMA                           5071239876

More...

F3=Exit  F5=Refresh  F10=Display Messages  F11=View 2
F12=Cancel
(C) COPYRIGHT IBM CORP. 1995, 1998.
```

Figure 22. Work with TSI Routing

Edit the TSI Code for the Master List Entry from which you receive faxes. In our example, we edit the TSI code for the Master List Entry ALBANY by selecting option 2 (edit TSI code). Select option 2 and press the Enter key. The Edit TSI Code display appears as shown in Figure 23 on page 179.

```

                                Edit TSI Code

Destination information:
Name . . . . . : ALBANY
Identifier . . . . . : GREAT DANES
Entry . . . . . : *DEFAULT
Contact . . . . . :
Telephone . . . . . :
Fax number . . . . . : 57577

To change TSI Code, change New TSI Code and press Enter.
Current TSI Code          New TSI Code
5079871234                5079871234

F3=Exit  F12=Cancel

```

Figure 23. Edit TSI Code

In our example, we enter a TSI code of 5079871234. Another example is “Albany Office” if that is the TSI from the sending fax machine. After inputting the TSI code, press Enter. You return to the Work with TSI Routing display as shown in Figure 24.

```

                                Work with TSI Routing

Position to . . . . .

Type option, press Enter.
  1=Work with entries  2=Edit TSI Code

Opt  Destination Name          TSI Code
-----
ALABAMA A&M
ALABAMA BIRMINGHAM
ALABAMA HUNTSVILLE
ALABAMA STATE
ALASKA ANCHORAGE
ALASKA FAIRBANKS
ALBANY                          5079871234
ALBANY PHARMACY
ALBANY STATE
ALBERTSON
ALBERTUS MAGNUS

More...

F3=Exit  F5=Refresh  F10=Display Messages  F11=View 2
F12=Cancel

```

Figure 24. Work with TSI Routing

Now that the TSI code is updated, you can create your routing entries. Select option 1 (Work with Routing Entries) and press Enter. The Work with Routing Entries display appears as shown in Figure 25 on page 180.

```

Work with Routing Entries

Destination . . . . . : ALBANY
Identifier/Entry . . . . . : GREAT DANES/*DEFAULT
TSI code . . . . . : 5079871234

Type option, press Enter.
  2=Edit entry  4=Remove entry

Opt  Routing Type      Description
   *TSI-FILED        File received fax as *GENERATE in RCVFAX
   *TSI-SNDDOC       Send fax as document to PKENNEDY SYSTEMA

F3=Exit  F5=Refresh  F6=Create  F12=Cancel
(C) COPYRIGHT IBM CORP. 1995, 1998.
Bottom

```

Figure 25. Work with Routing Entries

Press F6 to create a routing entry. The Work with Routing Entries display appears as shown in Figure 26.

```

Work with Routing Entries

Select Routing Entry Type

Select one of the following:

1) Print received fax
2) File received fax
4) Send fax as a document
5) Run user receive program

Selection:

F3=Exit  F12=Cancel

F3=Exit  F5=Refresh  F6=Create  F12=Cancel
Bottom

```

Figure 26. Work with Routing Entries

From this display, you can create as many routing entries as you need. To mail a received fax to Lotus Notes, create at least two routing entries. For the first routing entry, select option 2 (File Received Fax) and press Enter. The File Received Fax display appears as shown in Figure 27 on page 181.

```

File Received Fax
Destination name . . . . . : ALBANY
Identifier/Entry . . . . . : GREAT DANES/*DEFAULT
TSI code . . . . . : 5079871234

Type choices, press Enter.

Document . . . . . *GENERATE   Name, *GENERATE
Folder . . . . . RCVFAX

Document type . . . . . *RFTDCAFAX *RFTDCA, *MODCA, *RFTDCAFAX, *MODCAFAX
Paper size . . . . . *LETTER      *LETTER, *LEGAL, *A4, *B4
Mapping value . . . . . *POSITION  *POSITION, *CENTER, *SCALE
Delete fax . . . . . 2             1=Yes, 2=No

F3=Exit  F12=Cancel

```

Figure 27. File Received Fax

You can change any of the parameters for your environment. For this example, change the Document Type to *TIFF and press the Enter key. You return to the Work with Routing Entries display as shown in Figure 28.

```

Work with Routing Entries

Destination . . . . . : ALBANY
Identifier/Entry . . . . . : GREAT DANES/*DEFAULT
TSI code . . . . . : 5079871234

Type option, press Enter.
  2=Edit entry  4=Remove entry

Opt  Routing Type      Description
-----
*TSI-FILED      File received fax as *GENERATE in RCVFAX
*TSI-SNDDOC     Send fax as document to PKENNEDY SYSTEMA
*TSI-FILED      File received fax as *GENERATE in RCVFAX

Bottom

F3=Exit  F5=Refresh  F6=Create  F12=Cancel
Routing entry type *TSI-FILED has been created.

```

Figure 28. Work with Routing Entries

Press the F6 key to create a routing entry. The Work with Routing Entries display appears as shown in Figure 29 on page 182.

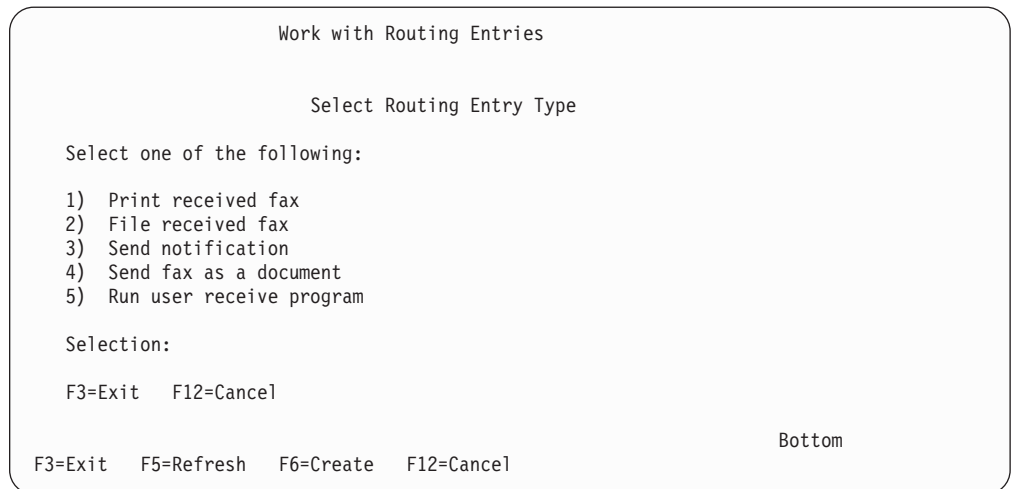


Figure 29. Select Routing Type

Select option 4 (Send fax as a document) and press Enter. The Send Document display appears as shown in Figure 30.

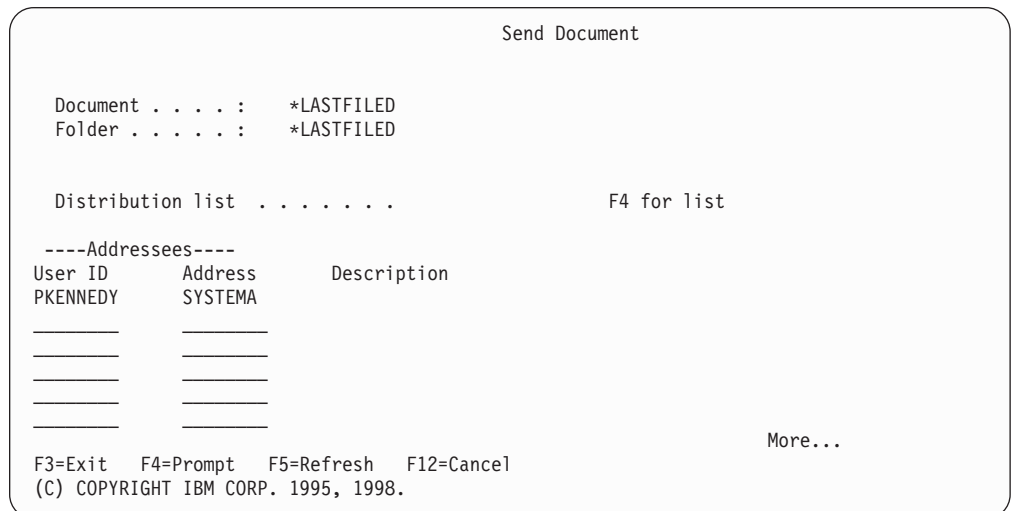


Figure 30. Send Document

User ID:

Enter the name of the system distribution directory entry that you created earlier. In our example, the user ID is PKENNEDY.

Address:

Enter the name of the Address. In our example, this is SYSTEMA.

Press the Enter key to create the routing entry. The entry is created and you return to the Work with Routing Entries display. You can either add additional routing entries, or press F12 to return to the Work With TSI Routing display.

Now when a fax is received from 5079871234, it is filed as a document in a folder. Then, that document is mailed to the Lotus Notes user PKENNEDY.

Note: For this to happen, you need configure the *Configure Fax Services* (CFGFAXSRV) command and set the Start Fax Routing parameter to *YES. Refer to the *Facsimile Support for AS/400 Programmer's Guide and Reference* for more information about the CFGFAXSRV command. Also, make sure to start Facsimile Support and Enhanced Services with the STRFAXSPT command.

Bibliography

The following AS/400 system publications contain information you may need. This list includes the full title and base order number. When these publications are referred to in this guide, the short title is used.

- *Facsimile Support for AS/400 Installation Guide*, SC41-0654, provides information on installing the Facsimile Support for AS/400 product on the AS/400 system and external fax controllers, and information on configuring and customizing the product.
- *Facsimile Support for AS/400 Programmer's Guide and Reference*, SC41-0656, provides details for programmers who want to integrate the Facsimile Support for AS/400 product with other applications.
- *Facsimile Support/400 Version 3 Redbook*, SG24-4636, provides detailed information for planning and installing the Facsimile Support for AS/400 product, as well as using this product with other products and applications.
- *FaxConcentrator Adapter/A Administrator's Guide*, S15F-2261, contains information about installing, using, and maintaining the FaxConcentrator Adapter/A card.
- *Getting Started with OfficeVision/400*, SH21-0732-00, contains basic information about the OfficeVision for AS/400 document processing functions.
- *Using OfficeVision/400 Word Processing*, SH21-0701-00, contains more detailed information about the OfficeVision for AS/400 document processing functions.
- *System API Reference*, SC41-5801-03, describes the IBM Operating System/400 (OS/400) application program interfaces (APIs).

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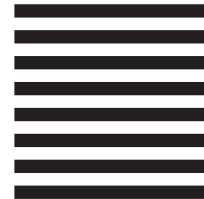
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