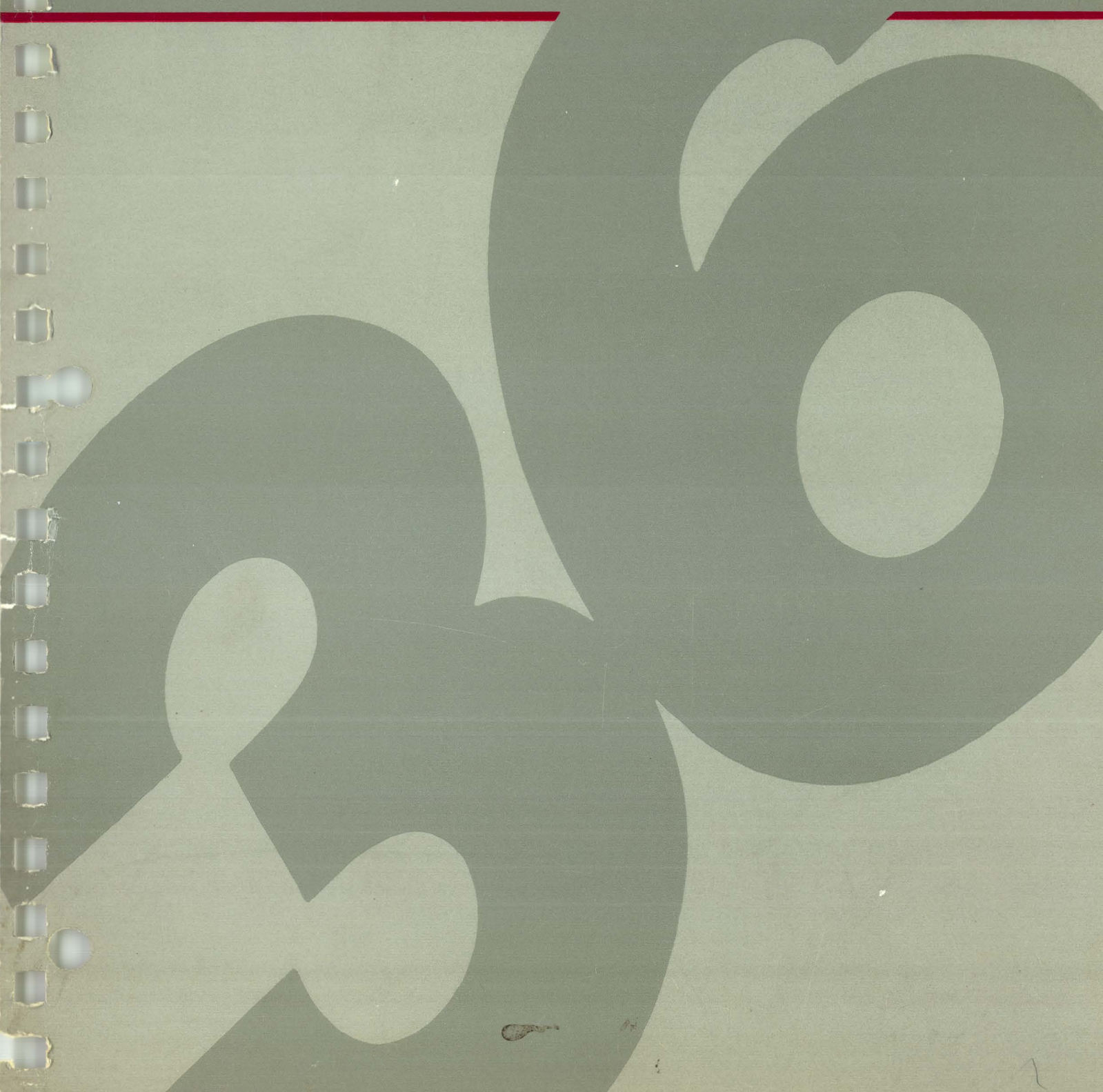


System/36

Performing the
First System
Configuration
for Your
System **5360**



When You Are:

Planning to
Install Your
Computer

**Getting Your
Computer
Ready to Use**

Updating/Changing
Your Computer

Operating
Your Computer

Operating
and Using
the Utilities

Doing
Office
Tasks

Programming
Your Computer

Communicating
with Another
Computer or
Remote Device

Determining
the Cause
of a Problem

You Can Find Information In:

What to Do Before Your Computer Arrives
or
Converting from System/34 to System/36

Setting Up Your Computer
Installing Your New Features--5362
Performing the First System Configuration for Your System
System Security Guide

Planning for New Devices and Programming at Release x¹
Changing Your System Configuration
Updating to a New Release

Learning About Your Computer
Operating Your Computer

Source Entry Utility Guide
Data File Utility Guide
Creating Displays
Work Station Utility Guide
Utilities Messages

System/36 in the Office
Getting Started with Interactive Data Definition Utility
Getting Started with Query/36
Getting Started with DisplayWrite/36
Getting Started with Personal Services/36

Concepts and Programmer's Guide
System Reference
Sort Guide
Work Station Utility Guide
Remote Operation/Support Facility Guide
System Measurement Facility Guide
(language manuals)
(language message manuals)

(communications manuals)
(communications message manuals)

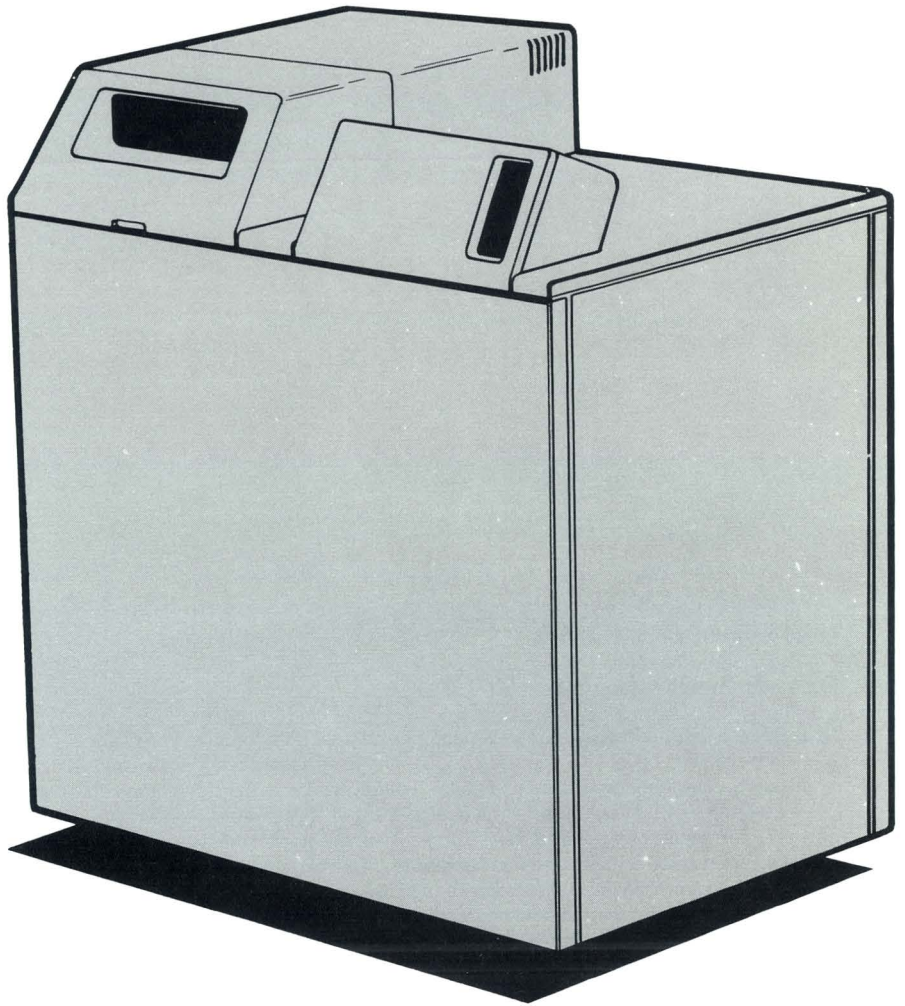
System Messages
(message manuals)
System Problem Determination

¹ x = Release number

IBM System/36

**Performing the First System
Configuration for Your System-5360**

Program Number 5727-SS1



File Number
S36-34

Order Number
SC21-9022-2

Third Edition (March 1985)

This major revision makes obsolete SC21-9022-1.

This edition applies to Release 3, Modification Level 0, of IBM System/36 System Support Program Product (Program 5727-SS1), and to all subsequent releases and modifications until otherwise indicated in new editions or Technical Newsletters. Changes are periodically made to the information herein; these changes will be reported in subsequent revisions or Technical Newsletters. Also, this publication contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

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About This Manual

How this manual is arranged . . .

This book provides instructions on how to complete the first system configuration for your system.

Before the instructions is a section called “System Configuration Overview” which explains the system configuration process. Read this section before you start using the instructions.

Also, before the instructions is a section called “Getting Ready” which explains what you will need to complete the system configuration process.

The *instructions* for completing the system configuration process are divided into five tasks. These instructions lead you step-by-step from getting your system up and running to saving the information generated from system configuration.

After the instructions for completing the system configuration process is a section called “What You Should Do Now.” This section gives you suggestions as to what you should do after completing the system configuration process.

Appendix A, “Using Command Keys and Function Keys” explains the keys used during system configuration. If during system configuration you have a question about how to use the keys, refer to this appendix.

Appendix B, “Using Another System/36 to Build Your Configuration Member” explains the different things that should be done for specific steps if you are performing some of the tasks on a System/36 other than your own. Steps that require additional considerations when using another System/36 will refer you to this appendix to perform that particular step.

Appendix C, “Configuring the Ideographic Version of the SSP” explains what you must consider when configuring an ideographic system. A step that requires additional considerations for configuring the ideographic version of the SSP will refer you to this appendix to perform that particular step.

Appendix D, “Decreasing the Size of the System Library” explains how to decrease the size of the system library (#LIBRARY) to make available more disk space.

There is also a “Glossary” at the back of the book.

What you need to have . . .

Before you use this book, you must have completed the installation of your System/36. Instructions for completing the installation are contained in the System/36 book, *Setting Up Your Computer*, GA21-9430.

If you are converting from System/34, you need the planning forms from the System/36 book, *Converting from System/34 to System/36*, SC21-9053.

If you are not converting from System/34, you need the set of forms (*Forms for Planning*, GA21-9446) that was completed in the System/36 planning packet, *What to Do Before Your Computer Arrives*. Contact the person responsible for the overall planning activities for this set of forms.

If you do not understand a term . . .

See the glossary at the back of this manual if you do not understand a term. Many data processing terms and ideas are introduced in the manual *Learning About Your Computer*. If you are not familiar with data processing, you should read that manual first.

If you need more information . . .

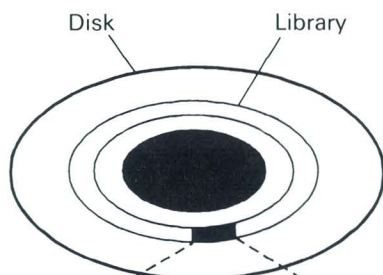
If you need more information, you can use the following books:

- *Learning About Your Computer*, SC21-9018, which contains basic information about System/36
- *System Reference*, SC21-9020, which describes the procedures used during the system configuration process
- *Programming with the Interactive Communications Feature: Guide and Examples*, SC21-7911, which describes subsystem configuration for the Interactive Communications Feature
- *Operating Your Computer*, SC21-9026, which describes how to operate your system after completing system configuration
- *System Messages*, SC21-7938, which describes some of the error messages that could appear during the system configuration process
- *Using System/36 Communications*, SC21-9082, which describes communications capabilities

System Configuration Overview

What System Configuration Is

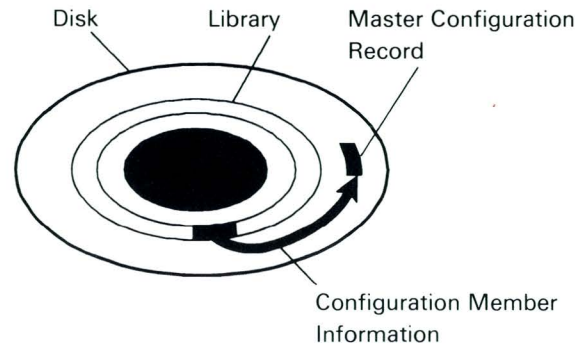
System configuration is a process that specifies the machines, devices, and programs that form a particular data processing system. The information you supply during the system configuration process is stored in a library member. A library member is a named collection of records or statements in a library. Because the information stored in this library member is configuration information, this library member is called a configuration member.



A configuration member is one of the library members within a library on disk.

S9022001-0

After creating a configuration member, you need to copy the information from that configuration member to the *master configuration record* before the system can use that information. The master configuration record contains information that describes system characteristics; for example, system date format, disk capacity, and main storage capacity.



S9022002-0

The master configuration record is contained in a protected area on disk. The only way you can change information in the master configuration record is by way of a configuration member.

System Configuration Tasks

This book divides the system configuration process into five major tasks:

1. Getting Your System/36 Up and Running
2. Building a Configuration Member
3. Copying to the Master Configuration Record
4. Verifying Your Configuration
5. Saving the Information

Once you have completed system configuration, you can put your user programs and files into the system.

Getting Your System/36 Up and Running



This task consists of turning on the system unit and putting into the system the programs that control how the system operates. These programs are known as the SSP (System Support Program Product). You can then tailor the system to best suit your needs.

Building a Configuration Member



You perform the tailoring steps by building a configuration member. This task is divided into four parts:

1. Defining a configuration member
2. Telling the system about your display stations and printers
3. Telling the system about your program products, optional SSP, or SSP features
4. Changing base SSP values

Depending on your situation, you may not need to do all of these parts.

Copying to the Master Configuration Record



After you build a configuration member, you need to copy the information from that configuration member to the master configuration record before the system can use the information.

Verifying Your Configuration



This task is divided into two parts:

1. Verifying that local display stations and printers are working correctly
2. Verifying that remote display stations and printers are working correctly

Saving the Information



After verifying that your system is tailored to suit your needs, you should make a copy of the information and programs on your system.

Getting Ready

If you will be performing some of the tasks for system configuration on a System/36 other than your own, go to Appendix B.

Before you start the tasks for system configuration, you need the following:

- Release 3 diskettes containing the SSP, microcode, and the program products you have ordered
- The set of forms (*Forms for Planning*, GA21-9446), which is in your *What to Do Before Your Computer Arrives* planning packet, or the same forms from the *Converting from System/34 to System/36* manual

Diskettes

The diskettes containing the SSP, the SSP features, microcode, and the program products are sent to you from the IBM Program Information Department (PID). You might also receive a Program Temporary Fix (PTF) diskette.

You cannot complete the system configuration process until you have the diskettes from PID.

If you have not received your diskettes from PID, contact your IBM representative before continuing.

The number of diskettes you receive from PID depends on the feature that you ordered. The following chart shows the number of diskettes you receive with each feature.

Feature Number	Microcode	Number of Diskettes	
		SSP	PTF
9049	1	14	1
9079	3 (5362)		
	1 (5360)	14	1

If you have feature 9049, you receive 1 microcode diskette for the 5360 System Unit, 14 SSP diskettes, and 1 PTF diskette.

If you have feature 9079, you receive the microcode diskettes for both the 5362 System Unit and the 5360 System Unit.

The feature number is on the diskette label of these diskettes.

(If you are installing the ideographic version of the SSP, refer to “Getting Ready” in Appendix C.)

Look for this diskette label name to locate the SSP diskettes easily.

This indicates, for diskette magazine drives, the diskette magazine slot and diskette slot within the magazine for the diskette.

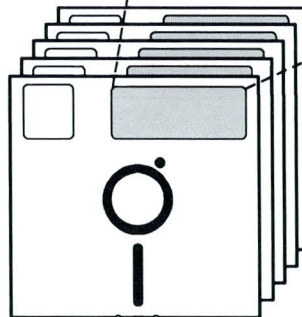
```

LICENSED MATERIAL-PROGRAM IBM PROPERTY
(c) COPYRIGHT 19XX IBM CORP.

5727-SS1      R03 M00      FEAT 9049
S/36 SYSTEM SUPPORT PROGRAM
IDENT. M1.01      VOL01 of 14

CUST# XXXXXXXX      SERIAL# XXXXXXXX
BIN# XXXX      BATCH# XXX SEQ# XXXX
CART XXX XXX      SLOT XXX MEDIA XX
    
```

This indicates that this is the first of 14 diskettes for the SSP.



SSP

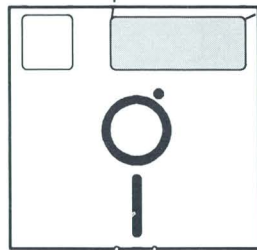
The one diskette from PID containing microcode is labeled DSKT24.

This indicates that this is the microcode diskette shipped from PID.

```
LICENSED MATERIAL-PROGRAM IBM PROPERTY
(c) COPYRIGHT 19XX IBM CORP.

5727-SS1      RO3 M00      FEAT 9049
S/36 SYSTEM SUPPORT PROGRAM
IDENT. MCODE DSKT24      VOL01 of 01

CUST# XXXXXXXX      SERIAL# XXXXXXXX
BIN# XXXX      BATCH# XXX SEQ# XXXX
CART XXX XXX SLOT XXX MEDIA XX
```



Microcode

S9022009-0

There are one or more diskettes from PID for each SSP programming feature you ordered.

5727-SS1 is the diskette label name for all the SSP programming features for System/36.

This indicates the feature number for the programming feature.

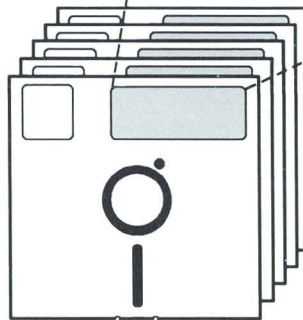
This indicates, for diskette magazine drives, the diskette magazine slot and diskette slot within the magazine for the diskette.

```
LICENSED MATERIAL-PROGRAM IBM PROPERTY
(c) COPYRIGHT 19XX IBM CORP.

5727-SS1      RO3 M00      FEAT 6000
S/36 EXTENDED SSP
IDENT. M2.01      VOL01 of 01

CUST# XXXXXXXX      SERIAL# XXXXXXXX
BIN# XXXX      BATCH# XXX SEQ# XXXX
CART XXX XXX      SLOT XXX MEDIA XX
```

This indicates how many diskettes there are for the programming feature.



SSP Features

S9022010-0

The following table shows the feature numbers for the SSP programming features with diskette label 5727-SS1:

Feature Number	SSP Programming Feature
6000	Extended SSP/Tape Support
6001	Communications/X.25 Support/Extended Communications
6002	Base SSP-ICF, Upline SSP-ICF, and Finance SSP-ICF
6003	BSC and SNA 3270 Device Emulation
6004	MSRJE
6005	Data Encryption Subroutine
6006	Distributed Disk File Facility
6029	Communications and Systems Management/Alert Support
6037	Distributed Data Management

There are one or more diskettes from PID for each program product you ordered.

This is the diskette label name for the program product.

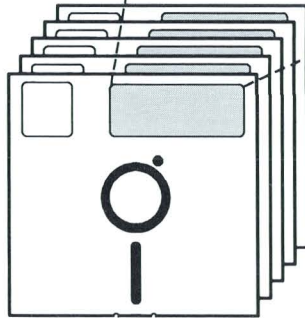
This indicates, for diskette magazine drives, the diskette magazine slot and diskette slot within the magazine for the diskette.

```
LICENSED MATERIAL-PROGRAM IBM PROPERTY
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5727-RG1      RO3 M00      FEAT 9049
S/36 RPG II
IDENT. M2.02      VOL01 of 01

CUST# XXXXXXXX      SERIAL# XXXXXXXX
BIN# XXXX      BATCH# XXX SEQ# XXXX
CART XXX XXX      SLOT XXX MEDIA XX
```

This indicates how many diskettes there are for the program product.



Program Products

S9022011-0

The following table shows the diskette label names for the program products:

Diskette Label Name	Program Product
5727-UT1	Utilities (DFU, WSU, SEU, and SDA)
5727-RG1	RPG
5727-CB1	COBOL
5727-BA1	BASIC
5727-FO1	FORTRAN
5727-AS1	Assembler
5727-WP1	DisplayWrite/36
5727-WP2	DisplayWrite/36 Language Dictionaries
5727-WP3	Personal Services/36
5727-QU1	Query/36
5727-WS1	PC Support/36

The following table shows the feature numbers for the DisplayWrite/36 Language Dictionaries program product with the diskette label 5727-WP2:

Feature Number	DisplayWrite/36 Language Dictionaries Program Product Features
6038	English
6039	French
6040	French-Canada
6041	Spanish
6042	Italian
6043	Danish

There might be a PTF diskette from PID identified as PTFDK. Don't be concerned with the last four numbers. They are numbers assigned by PID.

This identifies the PTF diskette.

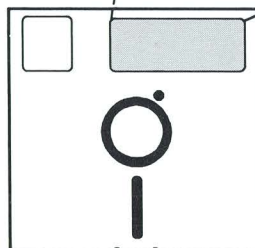
```

LICENSED MATERIAL-PROGRAM IBM PROPERTY
(c) COPYRIGHT 19XX IBM CORP.

5727-SS1      RO3 M00      FEAT 9049
S/36 SYSTEM SUPPORT PROGRAM
IDENT. S/36 PTFDKXXXX      VOL01 of 01

CUST# XXXXXXXX      SERIAL# XXXXXXXX
BIN# XXXX      BATCH# XXX SEQ# XXXX
CART XXX XXX      SLOT XXX MEDIA XX
    
```

This indicates how many PTF diskettes there are.



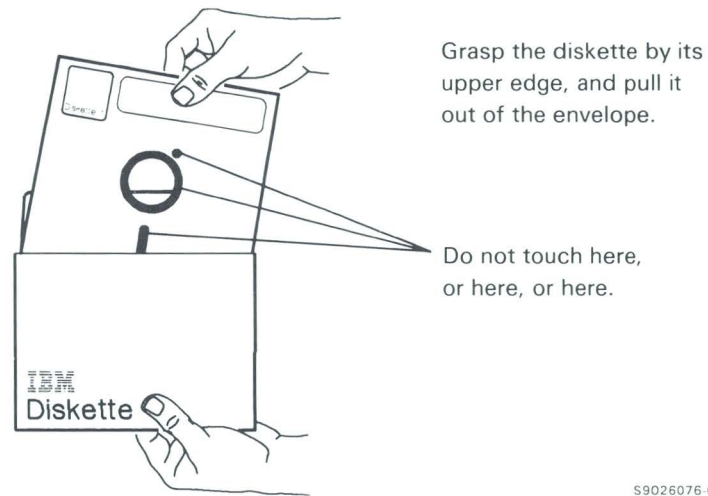
PTF

S9022098-1

Handling Diskettes

IBM diskettes are designed to stand up to normal and frequent handling; however, there are some precautions that you should note as you handle your diskettes. By observing these precautions in everyday use, your diskettes should provide you with long and reliable service.

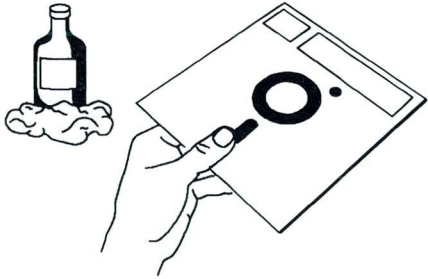
The proper way to remove a diskette from its protective envelope is shown in the following illustration:



Be sure to keep the protective envelope, and return the diskette to the envelope when you remove the diskette from the diskette drive. As its name implies, the protective envelope is provided to help prevent damage to the diskette. A damaged diskette can cause problems that range from reading or writing errors to a permanent loss of the information contained on the diskette.

The following paragraphs and illustrations point out some of the more common mistakes that cause damage to diskettes. Diskettes are not expensive, but losing the information they contain can be costly.

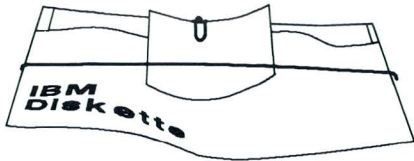
Do not touch or attempt to clean a diskette surface. A contaminated diskette will not work correctly.



Do not lay a diskette near smoke or other things that can cause the diskette to be contaminated.



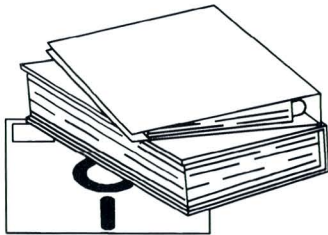
Do not use clips or rubber bands on a diskette.



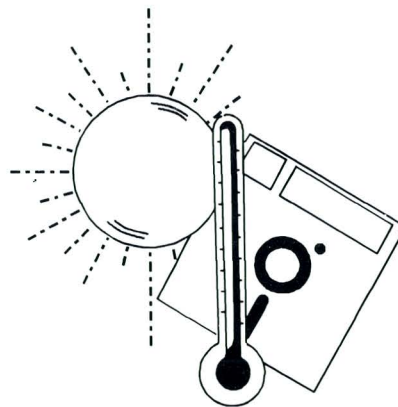
Do not place a diskette near magnetic materials. Data can be lost from a diskette exposed to a magnetic field.



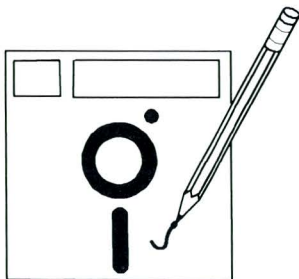
Do not place heavy books on a diskette.



Do not expose diskettes to heat greater than 51.5°C (125°F) or to direct sunlight.

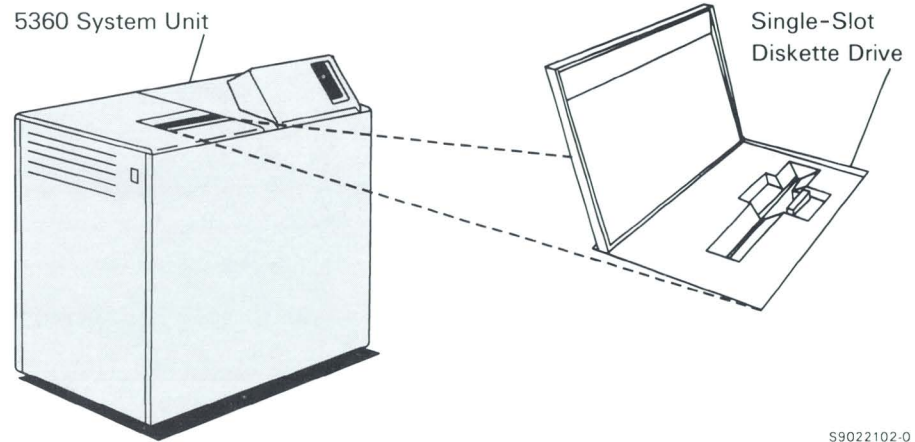


Do not write outside the label area on a diskette and only write on the label with a felt-tip pen.



Getting Your Diskettes Ready

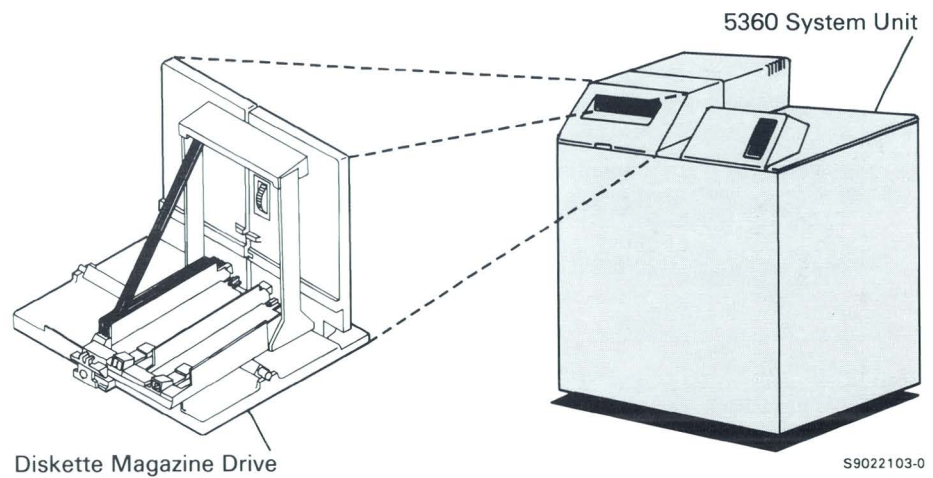
If your system unit has a single-slot diskette drive, no preparation is necessary other than having the diskettes available for system configuration.



S9022102-0

If you have a single-slot diskette drive, go to the section "Forms For Planning" later in this chapter.

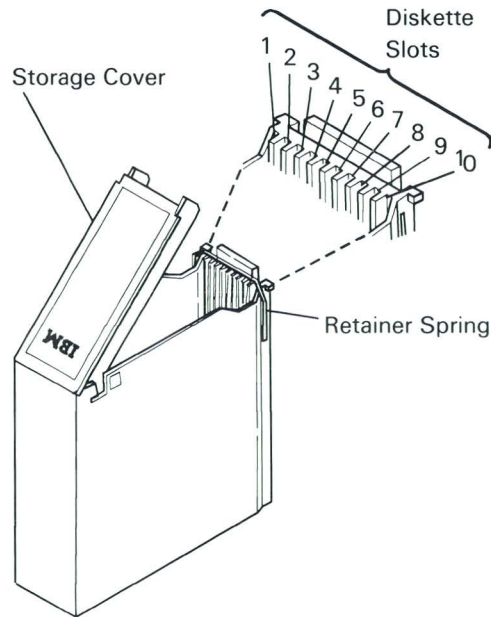
If your system unit has a diskette magazine drive, you need to use diskette magazines with the diskettes from PID.



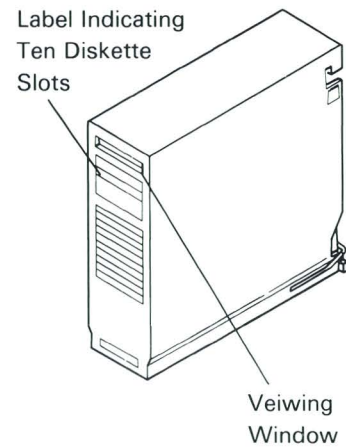
S9022103-0

A diskette magazine is a container for diskettes that can be used in the diskette magazine drive. Diskettes are held in the magazine by slots in the magazine. These slots are numbered 1 through 10 from left to right when the magazine is positioned as in the following illustration.

Open End of Magazine



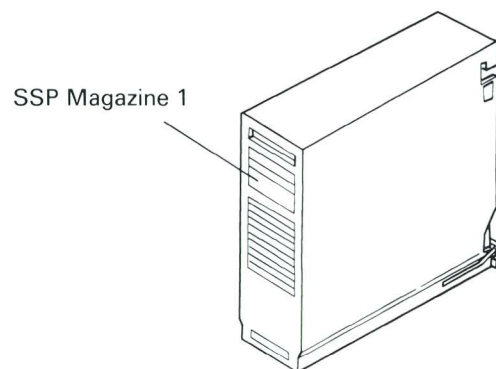
Closed End of Magazine



S9022104-0

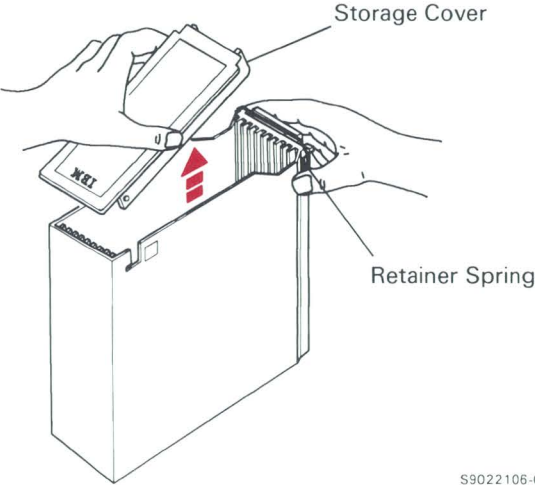
You will need at least two diskette magazines; if you have program products, you will need from three to five magazines, and if you have SSP programming features, you will need another magazine. It is possible you will need six magazines. You cannot complete system configuration without the diskette magazines. (If you are installing the ideographic version of the SSP, refer to "Getting Ready" in Appendix C.)

Take one of the magazines and label it *SSP Magazine 1*.



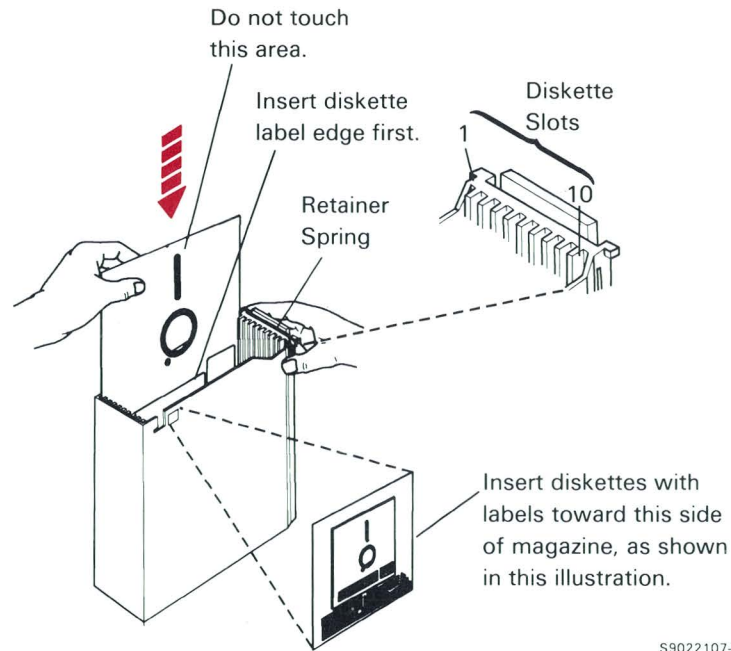
S9022105-0

Take another magazine and label it *SSP Magazine 2*. Position each magazine as shown in the following illustration. With your right hand, pull back and hold the retainer spring; then, with your left hand, remove the storage cover from the magazine.



S9022106-0

When inserting a diskette into a magazine, hold the retainer spring back and gently push the diskette in until the rear edge of the diskette clears the retainer spring.

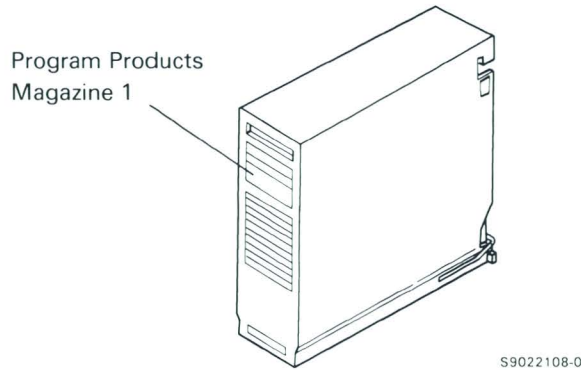


S9022107-0

Take the first ten SSP diskettes (labeled 5727-SS1) and insert them into the magazine labeled *SSP Magazine 1*. Put the first SSP diskette (labeled VOL01 of 14) in slot 1 of the magazine, the second SSP diskette (labeled VOL02 of 14) in slot 2 of the magazine, and so on until the magazine contains the first ten SSP diskettes. Now put the eleventh SSP diskette (labeled VOL11 of 14) in slot 1 of the magazine labeled *SSP Magazine 2*, the second SSP diskette (labeled VOL12 of 14) in slot 2 of the magazine, and so on until the magazine contains the remaining SSP diskettes. There must not be any empty slots between diskettes.

The microcode diskette (DSKT24) is not placed in a magazine, but inserted separately (in slot 1 if you have a diskette magazine drive) when you actually install the SSP during "Task 1. Getting Your System/36 Up and Running."

If you have diskettes from PID for program products, take another magazine and label it *Program Products Magazine 1*.

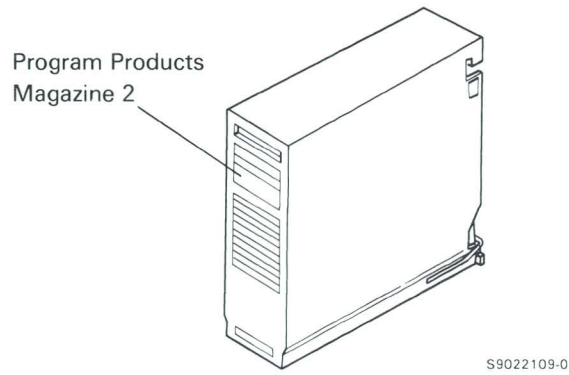


Remove the storage cover and insert the diskettes for the program products you ordered. The following table shows which slots *must* be used for each program product diskette:

Diskette Label Name	Program Product	Diskette Magazine 1 Slot
UT1	Utilities (DFU, WSU, SEU, and SDA)	1
RG1	RPG	2
CB1	COBOL	3
BA1	BASIC	4
FO1	FORTRAN	5
AS1	Assembler	6
WP1	DisplayWrite/36	7, 8, and 9

If you have a Utilities Program Product diskette (labeled UT1), insert it in slot 1. If you do not have a Utilities diskette, leave slot 1 empty. You *must* insert the appropriate program product diskette in its corresponding slot. If you do not have the program product for the designated slot, leave the slot empty.

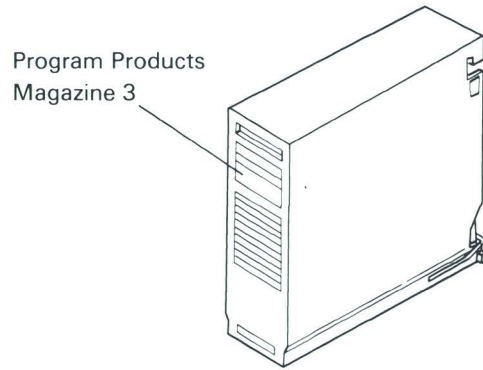
If you have more diskettes from PID for program products, label another magazine *Program Products Magazine 2*.



The following table shows which slots *must* be used for which program product diskette:

Diskette Label Name	Program Product	Diskette Magazine 2 Slot
WP3	Personal Services/36	1, 2, 3, 4, and 5
QU1	Query/36	6, 7, and 8
WS1	PC Support/36	9

If you have DisplayWrite/36 Language Dictionaries, label another magazine *Program Products Magazine 3*.

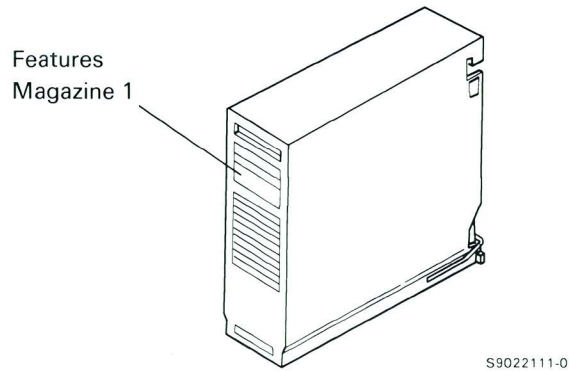


S9022110-0

The following table shows which slots *must* be used for each language dictionary diskette:

Feature Number	Feature	Diskette Magazine 3 Slot
6038	English	1 and 2
6039	French	3
6040	French-Canada	4
6041	Spanish	5
6042	Italian	6
6043	Danish	7

If you have diskettes from PID for SSP programming features, take another magazine and label it *Features Magazine 1*.



Remove the storage cover and insert the diskettes for the programming features. The following table shows which slots *must* be used for which SSP programming feature diskette:

Feature Number	SSP Programming Feature	Diskette Magazine 1 Slot
6000	Extended SSP/Tape Support	1
6001	Communications/X.25 Support/Extended Communications	2
6002	Base SSP-ICF, Upline SSP-ICF, and Finance SSP-ICF	3
6003	BSC and SNA 3270 Device Emulation	4
6004	MSRJE	5
6005	Data Encryption Subroutine	6
6006	Distributed Disk File Facility	7
6029	Communications and System Management/Alert Support	8
6037	Distributed Data Management	9

Put the magazines in a convenient place. They will be used during system configuration.

Forms for Planning

The instructions for system configuration are based on the use of planning forms. If you are not converting from System/34, the planning forms will be contained in the set of *Forms for Planning*. If you are converting from System/34, the forms will be contained in the manual *Converting from System/34 to System/36*. The forms were completed during the planning process for your System/36. Use the forms to complete the tasks for system configuration. If you cannot find the forms, ask the person who was in charge of the planning process.

The forms you need for system configuration are determined by what is ordered for your system.

You will need the completed System Configuration Planning Forms (Forms J1, J2, and J3) and a Local Work Station Diagram (Form F) for every system configuration.

The image shows four overlapping forms. Form J1 is titled 'System Configuration Planning Form' and includes 'Workbooks 4 and 5', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. Below the title is a 'Member Definition' section with numbered items: '3.0 Member name', '1. Member name', and '2. Lib'. Form J2 is titled 'System Configuration Planning Form' and includes 'Workbooks 4 and 5', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. Below the title is an 'SSP Features (continued)' section with item '21.1 Cop'. Form J3 is titled 'System Configuration Planning Form' and includes 'Workbooks 4 and 5', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. Below the title is an 'SSP Features (continued)' section with item '21.7 SN'. Form F is titled 'Local Work Station Diagram' and includes 'Workbooks 3, 5', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. Below the title is a small table with columns for 'Name' and 'Address'.

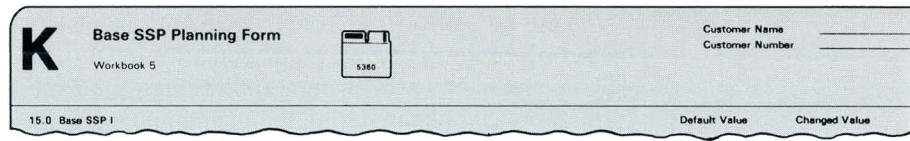
HS9022116-0

If you have remote work stations, you need a completed Communications Line Definition Form (Form I) and a Remote Work Station Diagram (Form H or H1).

The image shows three overlapping forms. Form I is titled 'Communications Line Definition Form' and includes 'Workbook 4', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. Form H is titled 'Remote Work Station Diagram for 5251 Model 12' and includes 'Workbooks 4, 5', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. Form H1 is titled 'Remote Work Station Diagram for 5294' and includes 'Workbooks 4, 5', a floppy disk icon with '5360', and fields for 'Customer Name' and 'Customer Number'. To the right of Form H1 is a small table with columns for '5294 Informa', 'Computer ID', 'Computer Des', 'Name', 'Location', 'City, State', and 'City, State'.

HS9022117-0

If you will be changing base SSP support default values, you need a completed Base SSP Planning Form (Form K).



The image shows the header section of a form titled "Base SSP Planning Form". On the left, there is a large letter "K" and the text "Workbook 5". In the center, there is a small icon of a floppy disk with the number "5360" on it. On the right, there are two lines for "Customer Name" and "Customer Number". At the bottom of the header, there are two columns labeled "Default Value" and "Changed Value".

HS9022118-0

Remove the forms you will need for your system configuration from the set of *Forms for Planning* or the manual *Converting from System/34 to System/36*. After completing system configuration, you should keep these forms as a record of your first system configuration.

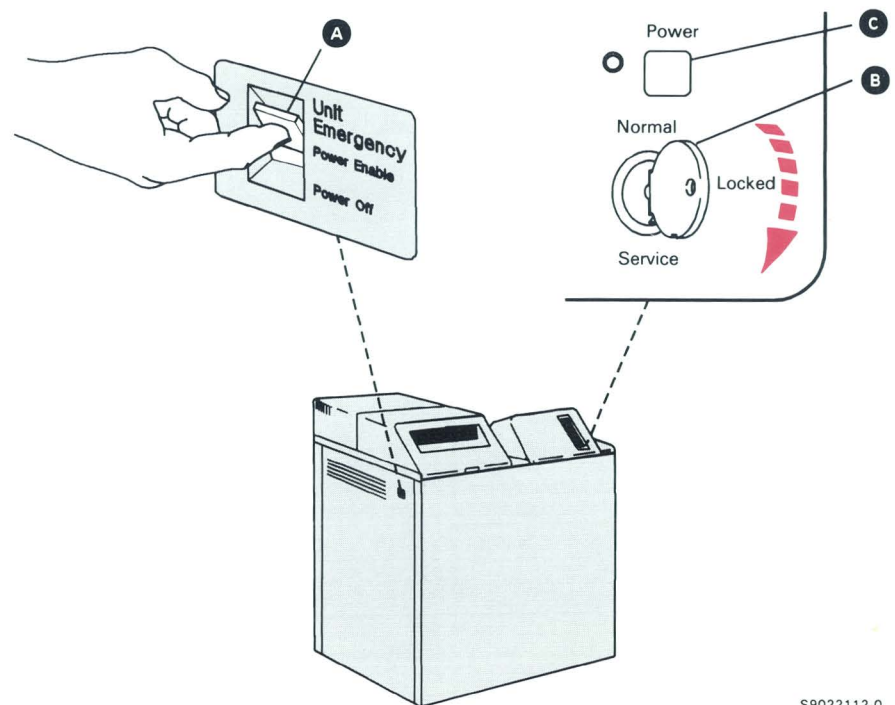
You are now ready to start the tasks for the system configuration process.

Task 1. Getting Your System/36 Up and Running

This task consists of turning on the system unit and putting into the system the programs that control how the system operates. These programs are known as the SSP (System Support Program Product). You can then tailor the system to best suit your needs.

Step 1-1: To turn on the computer:

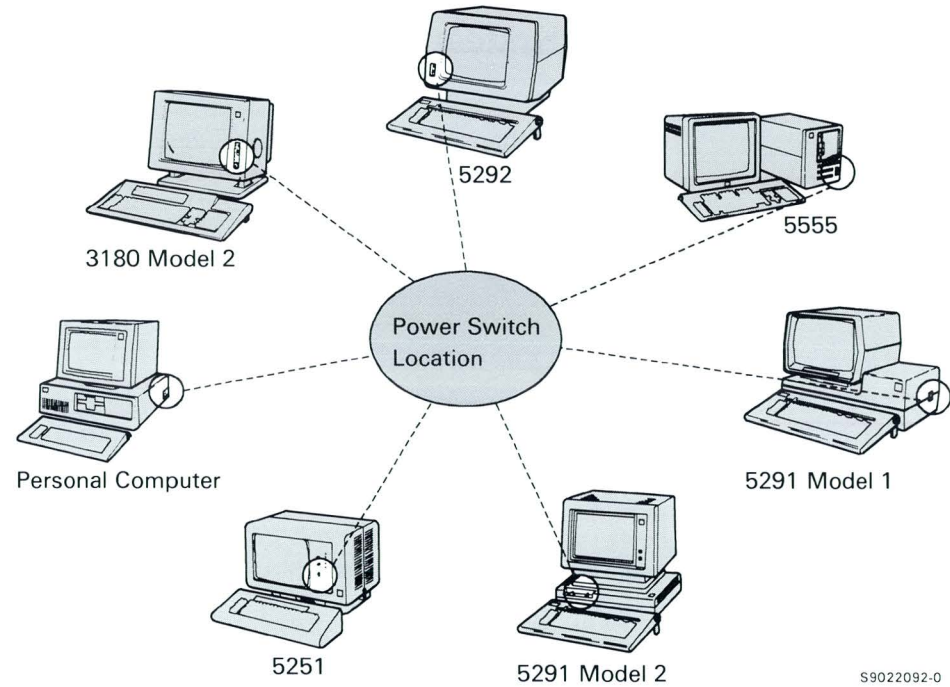
- a. Make sure the system unit is plugged in.
- b. Make sure the Unit Emergency switch is set to Power Enable **A**.
- c. Make sure the key in the Security switch is turned to the Service position **B**.
- d. Press the Power key **C**.



S9022112-0

Step 1-2: To turn on the system console:

- a. At the display station designated as the system console (the display station attached to port 0), turn the Power switch to the on position. (The universal symbol for on is |.)

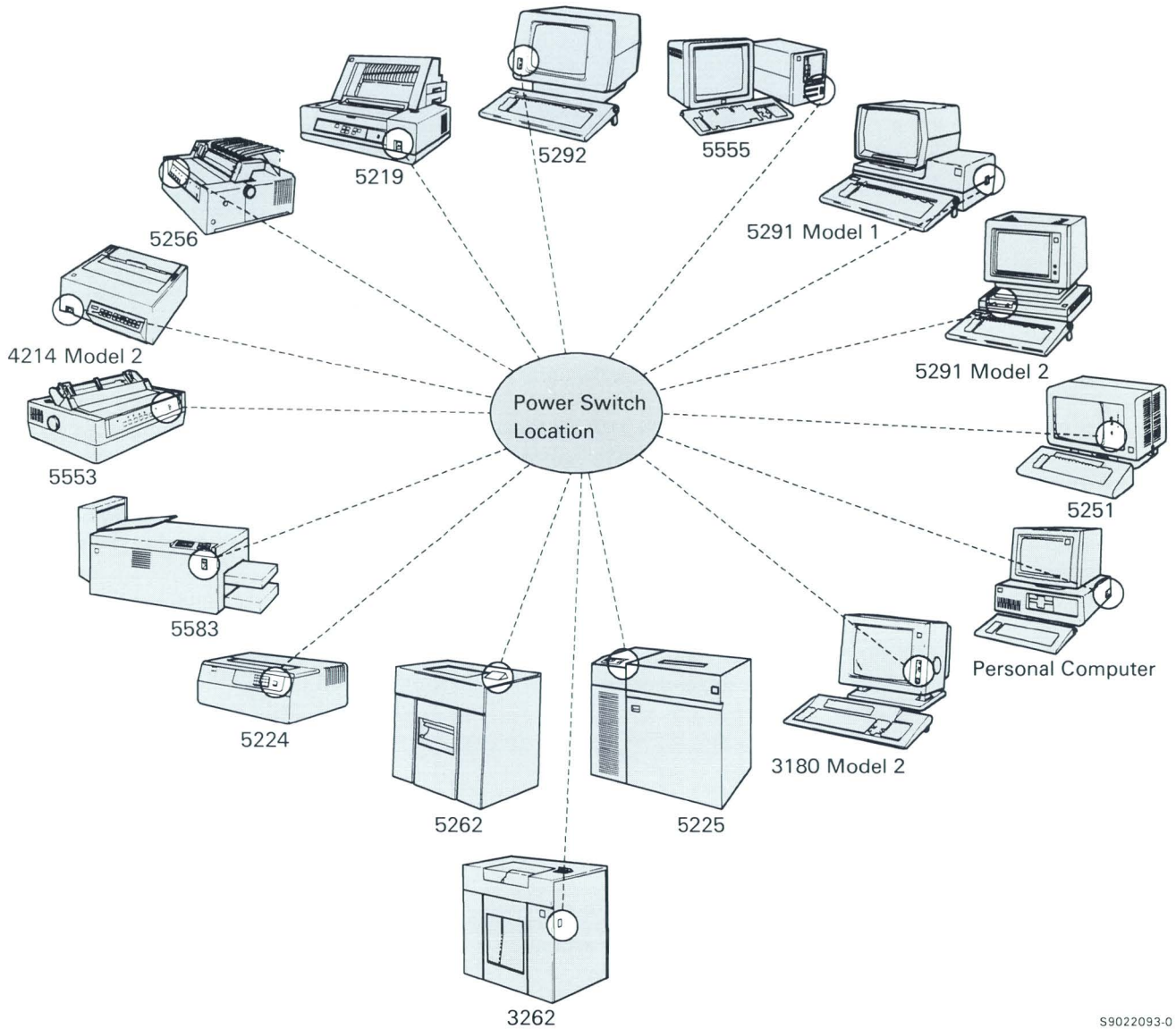


This display station allows you to communicate with the system during system configuration.

Step 1-3: To turn on all the local display stations and printers:

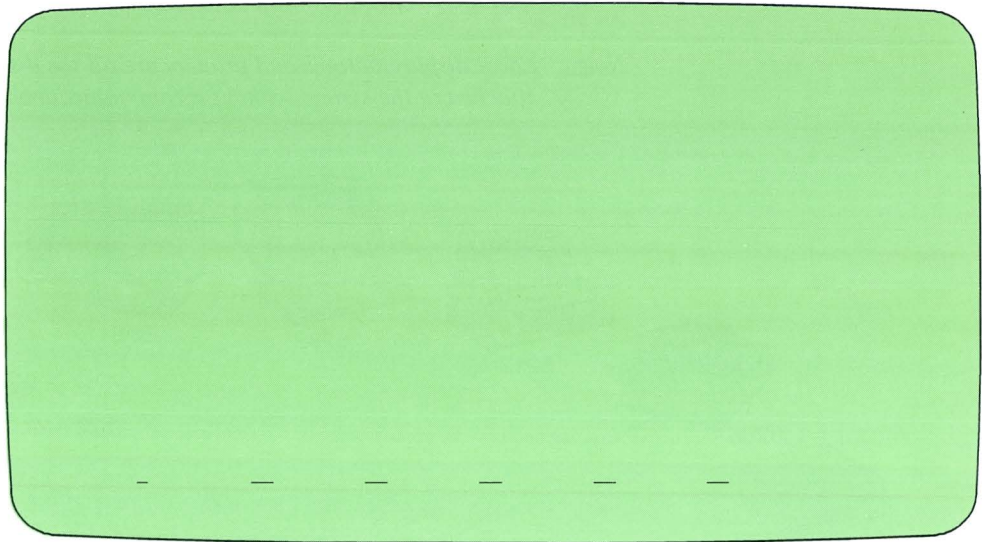
- a. Turn the Power Switch to the on position for all your local display stations and printers. (Make sure the Unit Emergency switch is set to Power Enable for the 3262 printer.) This allows the system to recognize the devices that are attached.

Note: Local display stations and printers are all the display stations and printers attached to the system without a communications line.



S9022093-0

- b. When the system console and other display stations are turned on, the indicator fields should show dashes. For example, the 5291 and the 5292 Display Stations should respond with the following display:



s9022500

Note: For the 5251 Display Station, the indicator lights will appear along the right side of the display screen.

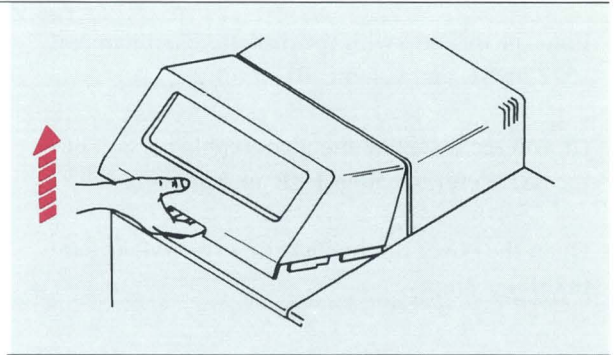
If the system console or display stations do not respond, refer to the problem determination procedures in the appropriate display station's operator guide.

Step 1-4: To place the diskettes into the system unit:

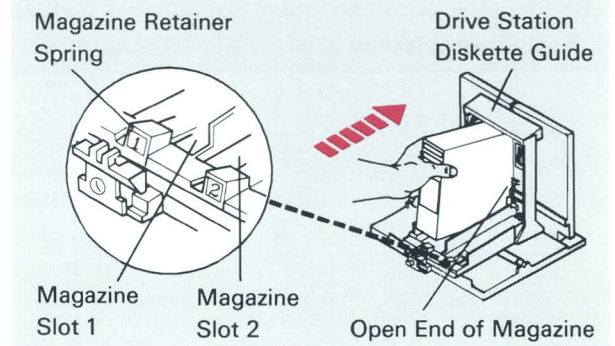
If the system unit has a diskette magazine drive, go to **Step 1-4A:** If the system unit has a single-slot diskette drive, go to **Step 1-4B.**

Step 1-4A: To insert the SSP magazines and microcode diskette in the diskette magazine drive.

- a. Find the diskette magazine labeled *SSP Magazine 1*.
- b. Remove the storage cover from the magazine.
- c. Open the cover on the diskette drive.

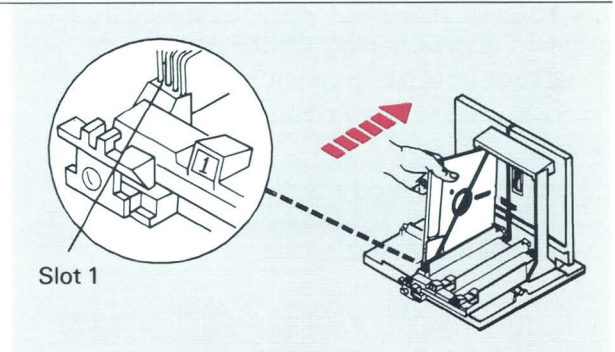


- d. Place the magazine in magazine slot 1, with the open end of the magazine facing the drive station diskette guide. Push the magazine in towards the drive station diskette guide until the magazine retainer locks the magazine in place.
- e. Find the diskette magazine labeled *SSP Magazine 2*.
- f. Place the magazine in magazine slot 2.



S9022094-0

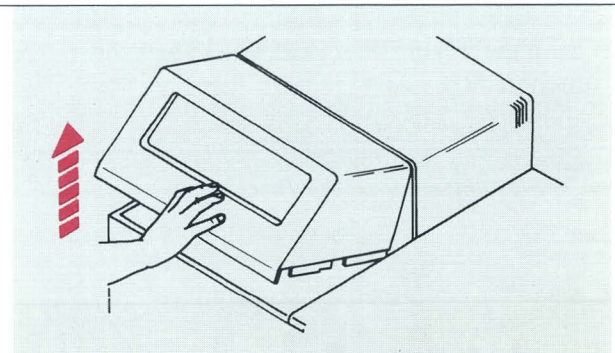
- g. Find the microcode diskette (DSKT 24) and place it in slot 1 of the diskette magazine drive.



- h. Close the cover on the diskette drive.

The cover must be closed before the system unit will read the diskettes.

- i. Go to **Step 1-5**.



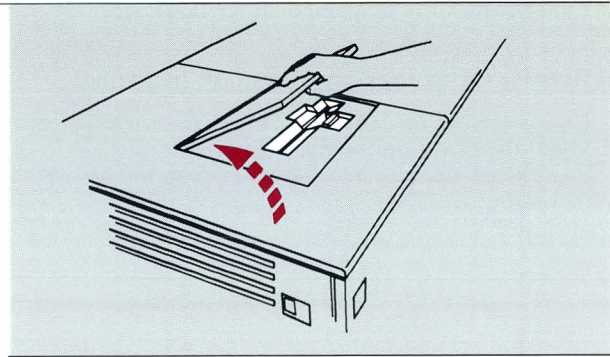
S9022095-0

Step 1-4B: To insert a diskette in a single slot diskette drive:

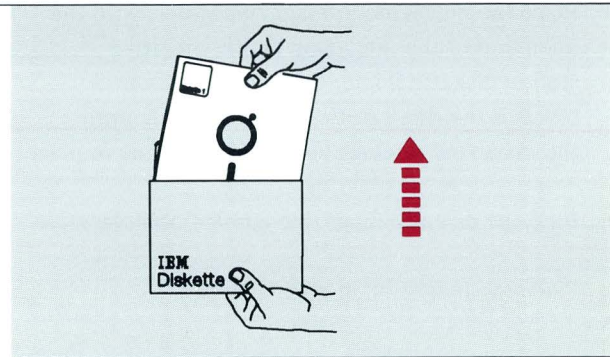
- a. Find the diskette with the diskette label name of **5727-SS1** and volume **01** of 14.

(If you are installing the ideographic version of the SSP, refer to **Step 1-4B** in Appendix C.)

- b. Open the cover on the diskette drive. Make sure the slot is empty.



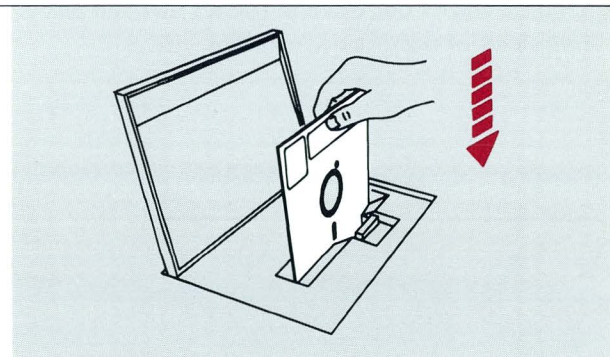
- c. Remove the diskette from its protective envelope.



S9022096-0

- d. Insert the diskette into the the slot, with the diskette label facing you. A label at the top of the slot shows how to insert the diskette.

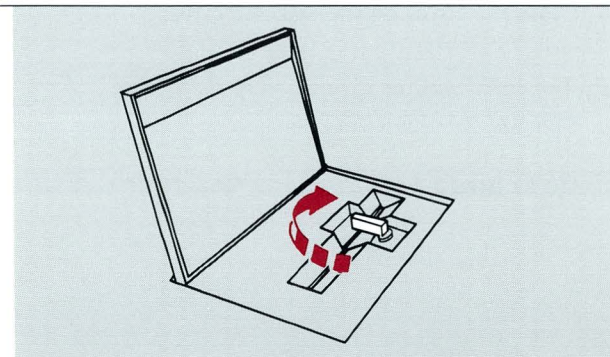
Make sure the diskette is all the way in the slot. If it is not, the diskette can be damaged and data may be lost.



- e. Turn the locking lever clockwise to lock the diskette in the slot.

The locking lever must be locked before the system unit will read the diskette.

- f. Close the cover on the diskette drive.



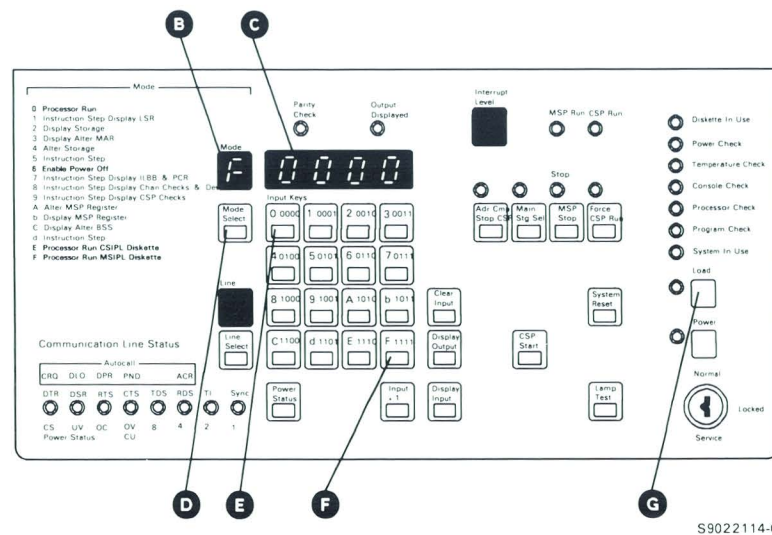
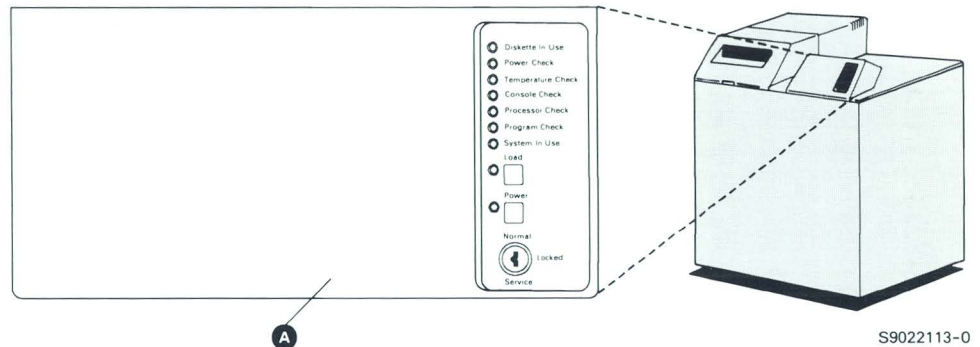
S9022097-0

Step 1-5: To install the SSP:

- a. Lift up the cover for the System/36 control panel **A**.
- b. Press the Mode Select key **D**.
- c. Press the F key **F**.
- d. The Mode display **B** should show an F. Mode F indicates that you want to load the SSP from diskette.
- e. Press the 0 Input key **E** four times so that the Input/Output display **C** contains all zeroes.

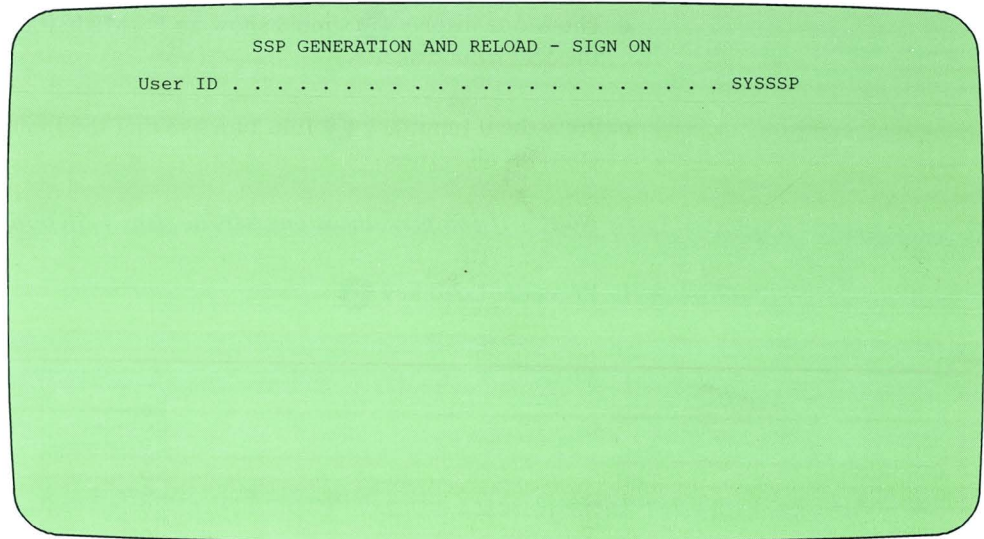
Note: If you press the wrong key, do steps 1-5b through 1-5e again.

- f. Press the Load key **G**.



Now the system is performing an IPL (initial program load) from diskette. During the IPL, the system checks that devices are working properly. You will see display stations blinking and hear the diskette drive operating.

If after about 8 minutes the following display is not shown at the system console, check to see that your diskettes are placed properly in the system unit; then retry **Step 1-5**.



s9022501

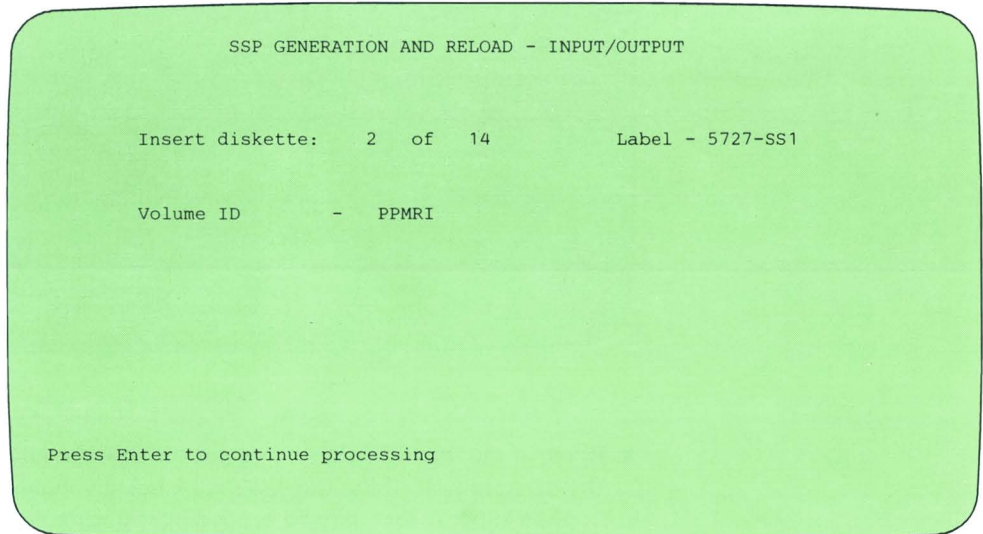
g. At the system console, press the Enter key.

If you have any questions about any of the keys used during the system configuration process, refer to Appendix A, "Using Command Keys and Function Keys."

h. If the system unit has a diskette magazine drive, go to **Step 1-6**.

If the system unit has a single-slot diskette drive, continue with the following instructions. (If you are installing the ideographic version of the SSP, refer to **Step 1-5** in Appendix C.)

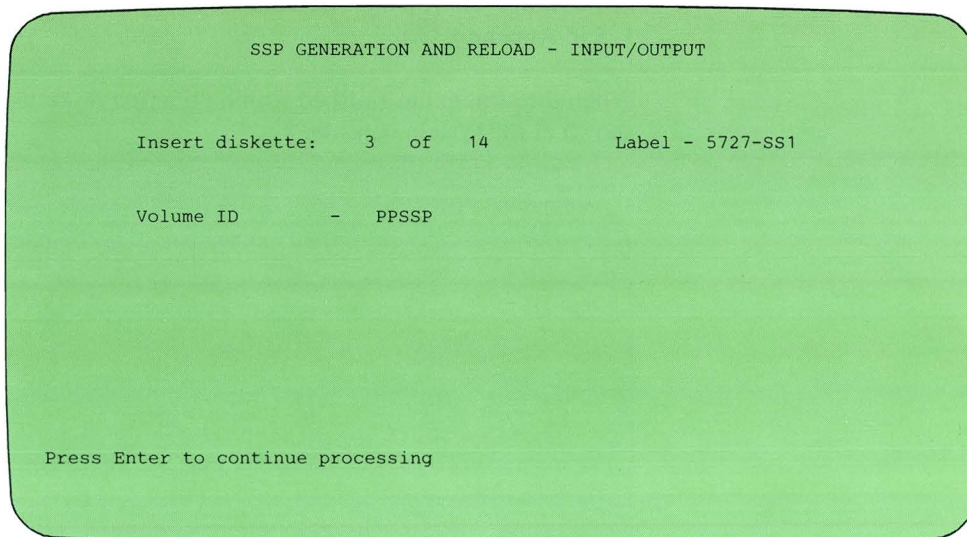
When the system has finished reading the first diskette, the following display is shown at the system console:



s9022502

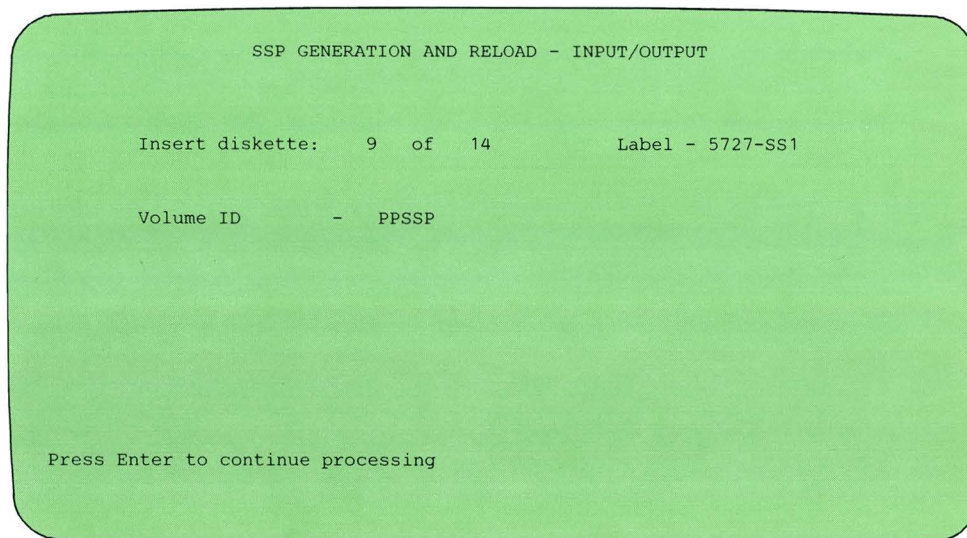
i. Remove the first diskette, and put the second diskette (labeled volume 02 of 14) into the diskette slot.

- j. Press the Enter key at the system console. When the system has finished reading the second diskette, the following display is shown:



s9022503

- k. Remove the second diskette and put the diskette labeled volume 03 of 14 into the diskette slot. (Skip the diskettes labeled volume 04 through 08. They contain support that may be needed later during system configuration.)
- l. Press the Enter key at the system console. When the system has finished reading the third diskette, the following display is shown:



s9022553

- m. Remove the third diskette and put the diskette labeled volume 09 of 14 into the diskette slot.
- n. Press the Enter key at the system console. When the system has finished reading the diskette, the following display is shown:

```
SSP GENERATION AND RELOAD - INPUT/OUTPUT

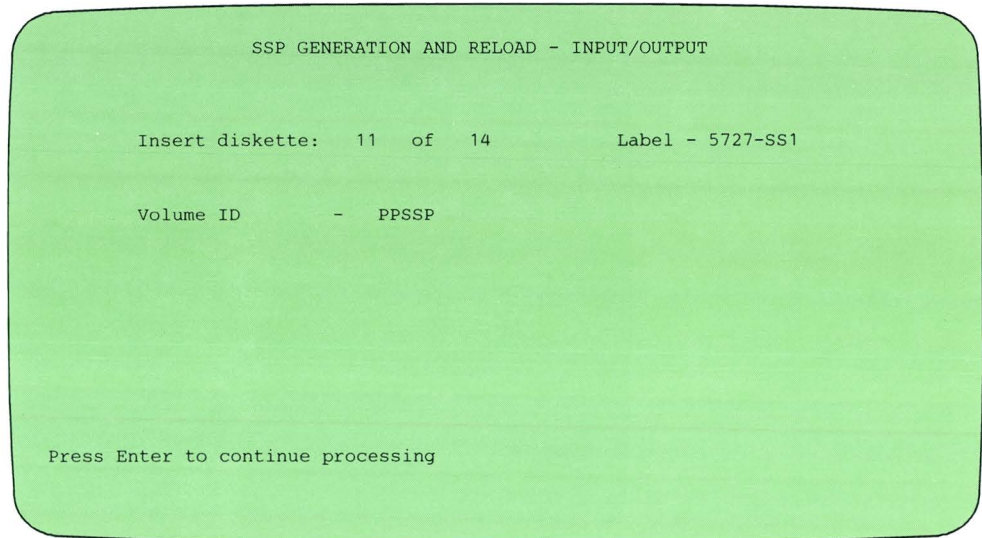
Insert diskette:  10  of  14          Label - 5727-SS1

Volume ID      -  PPSSP

Press Enter to continue processing
```

s9022504

- o. Remove the diskette, and put the diskette labeled volume 10 of 14 into the diskette slot.
- p. Press the Enter key at the system console. When the system has finished reading the diskette, the following display is shown:



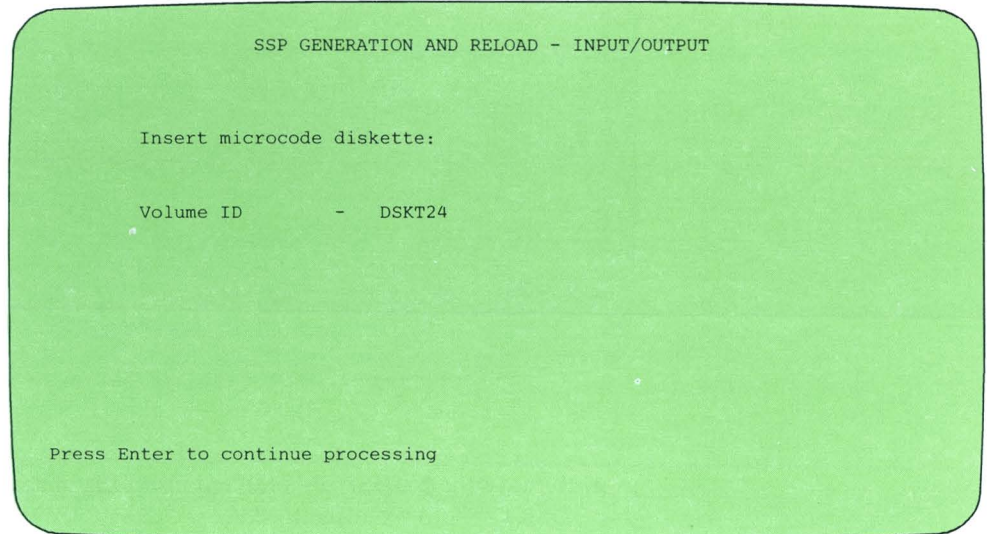
s9022505

- q. Remove the diskette and put the diskette labeled volume 11 of 14 into the diskette slot. (Skip the diskettes labeled volume 12 of 14 through volume 14 of 14.)
- r. Press the Enter key at the system console and go to **Step 1-6**.

Step 1-6: To install the microcode diskette:

If the system unit has a diskette magazine drive, go to **Step 1-6A**. If the system unit has a single-slot diskette drive, go to **Step 1-6B**.

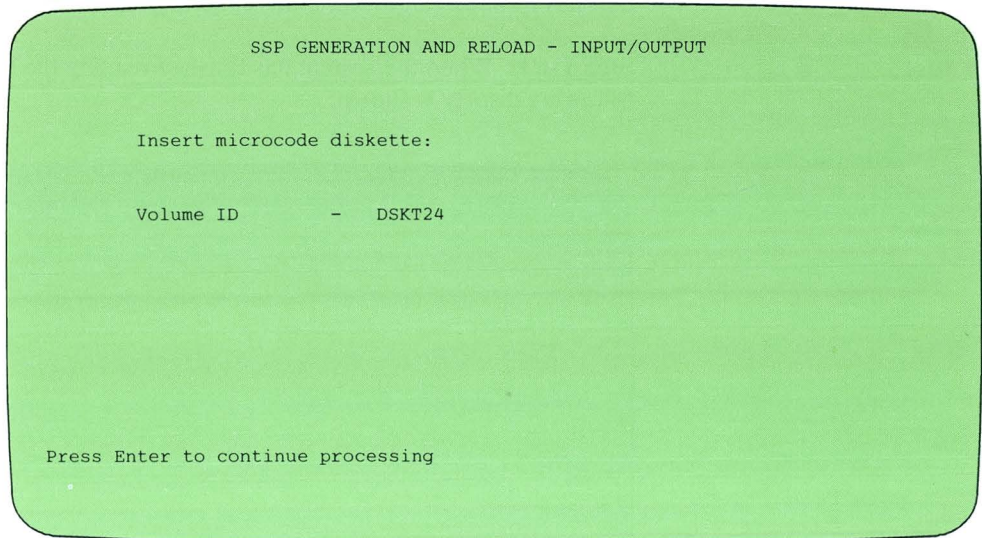
Step 1-6A: When the system has finished reading the last SSP diskette, the following display is shown:



s9022506

- a. Insert the microcode diskette labeled DSKT24 into diskette slot 1.
- b. Press the Enter key at the system console.
- c. Go to **Step 1-7**.

Step 1-6B: When the system has finished reading the last SSP diskette, the following display is shown:

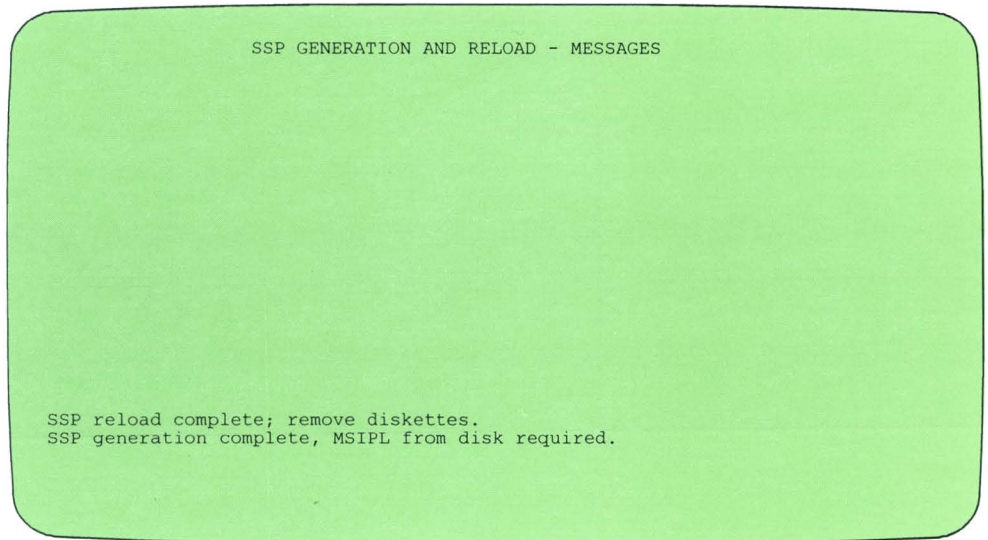


s9022507

- a. Remove the last SSP diskette and insert the microcode diskette labeled DSKT24 into the diskette slot.
- b. Press the Enter key at the system console.
- c. Go to **Step 1-7**.

Step 1-7: To start the system:

The following display indicates that the SSP has been installed:

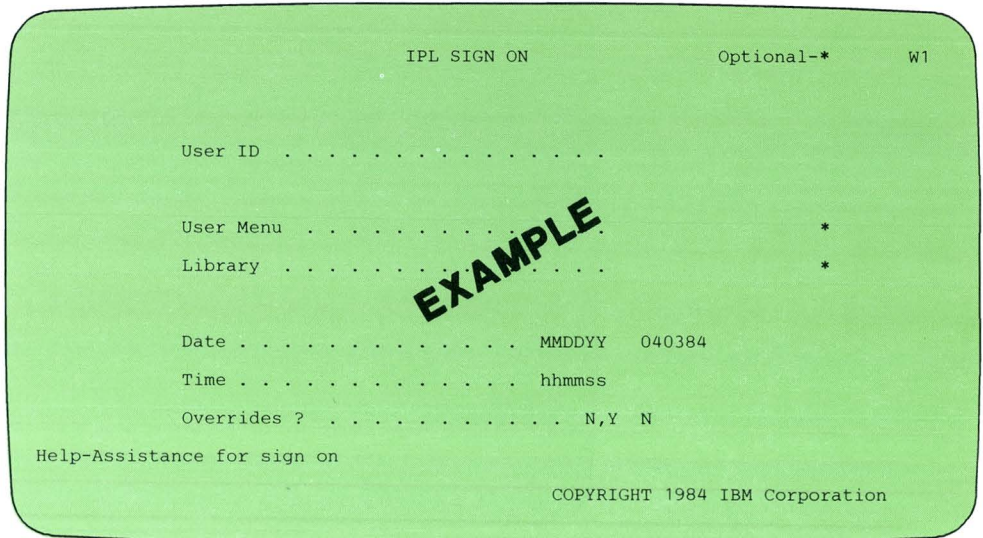


s9022508

If you have a diskette magazine drive, remove the SSP magazines and microcode diskette from the system unit. If you have a single diskette drive, remove the microcode diskette from the system unit.

To perform an IPL from disk: Turn the Security switch to the Normal position, press the Mode Select key and then the 0 key, and press the Load key.

After about 3 minutes, the following display is shown at the system console. If this display is not shown, press the Load key. If the display still does not appear, call your service representative.



S9022012-0

a. Type in an X for the user ID.

(If you are installing the ideographic version of the SSP, refer to **Step 1-7a** in Appendix C.)

Press the New Line key until the cursor is positioned on the *Date* prompt.

b. Type in today's date, using the following format:

MM	DD	YY
Month	Day	Year

For example, you would enter 3 April 1984 as:

040384

c. Type in the time of day, using the 24-hour clock and the following format:

HH	MM	SS
Hours	Minutes	Seconds

For example, you would enter 8:10 AM as:

081000

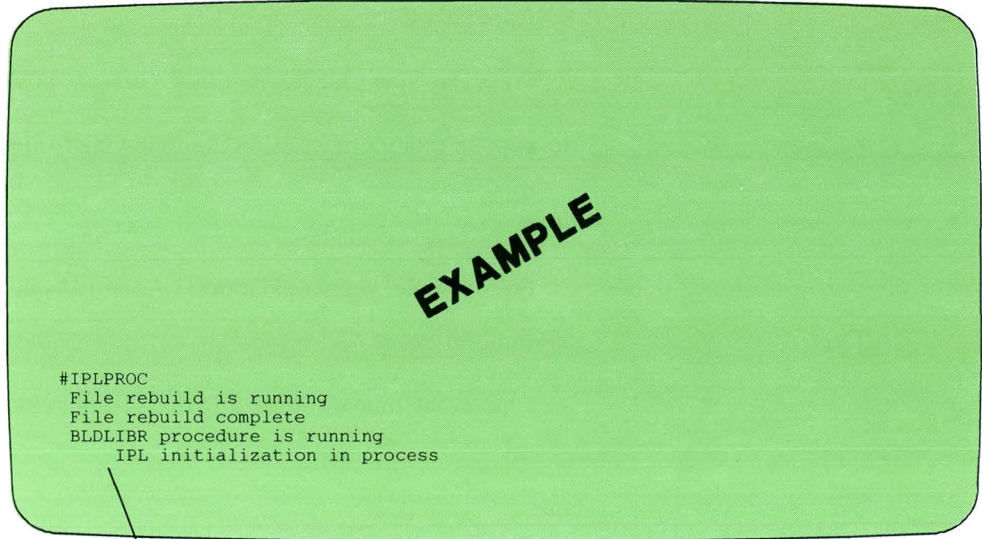
You would enter 8:10 PM as:

201000

d. Make sure an N is specified for the *Overrides ?* prompt.

e. Press the Enter key.

The following display is shown and indicates the IPL is running:

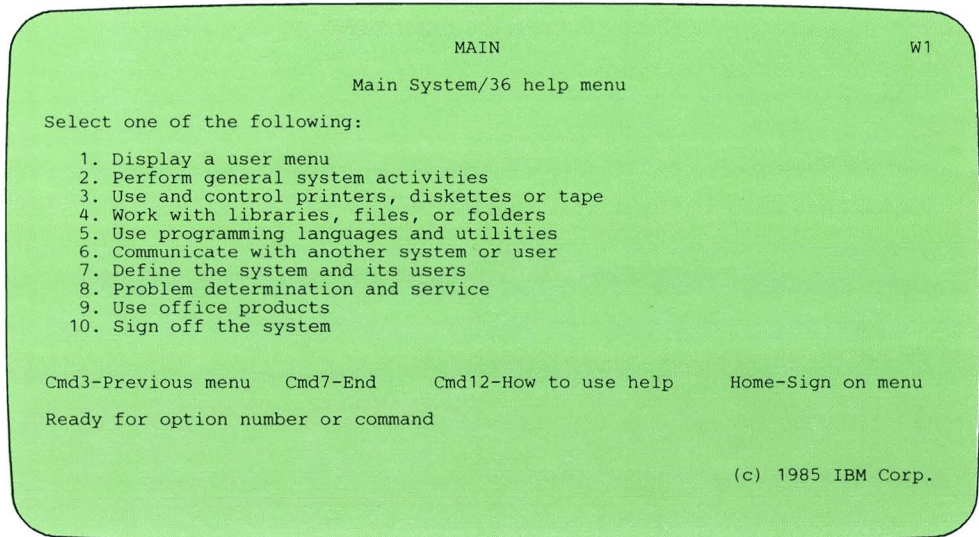


```
#IPLPROC
File rebuild is running
File rebuild complete
BLDLIBR procedure is running
IPL initialization in process
```

S9022013-1

These informational messages are examples of what is displayed as each portion of IPL is being done.

The following display is shown at the system console when the IPL is complete:



```
MAIN W1
Main System/36 help menu

Select one of the following:

1. Display a user menu
2. Perform general system activities
3. Use and control printers, diskettes or tape
4. Work with libraries, files, or folders
5. Use programming languages and utilities
6. Communicate with another system or user
7. Define the system and its users
8. Problem determination and service
9. Use office products
10. Sign off the system

Cmd3-Previous menu  Cmd7-End  Cmd12-How to use help  Home-Sign on menu
Ready for option number or command

(c) 1985 IBM Corp.
```

S9022509

(If you did Task 2 on another System/36 to build your configuration member, refer to **Step 1-7** in Appendix B.)

Note: This book should be used only once for your first system configuration. If you need to start your system again after you have performed the first system configuration, see “Starting Your System,” in the manual **Operating Your Computer**.

If you ordered data communications for your system, certain communications items were defined by IBM when your system was manufactured. Because part of your data communications environment (remote display stations and printers) is also defined during “Task 2. Building a Configuration Member,” the system will issue an error message if your responses at that time do not agree with your system communications information. If you have remote display stations and printers, you should verify that this information still accurately reflects what you want for communications. Go to **Step 1-8**. If you do not have remote display stations and printers, go to **Task 2**.

Step 1-8: To verify your system communications information:

a. Type in STATUS COMCNFIG at the system console and press the Enter key.

```

                                     MAIN
                                     W5
                                     Main System/36 help menu

Select one of the following:

  1. Display a user menu
  2. Perform general system activities
  3. Use and control printers, diskettes, or tape
  4. Work with libraries, files, or folders
  5. Use programming languages and utilities
  6. Communicate with another system or user
  7. Define the system and its users
  8. Problem determination and service
  9. Use office products
 10. Sign off the system

Cmd3-Previous menu  Cmd7-End      Cmd12-How to use help  Home-Sign on menu

Ready for option number or command
STATUS COMCNFIG

                                     (c) 1985 IBM Corp.
```

s9022510

b. The following display will be shown:

```

                                SYSTEM COMMUNICATIONS CONFIGURATION LINE 1
                                W1
Hardware configuration . . . EIA/CCITT      Clock . . . . . MODEM
Line type . . . . . SWITCHED             NRZI . . . . . Y
Multipoint control . . . . . N           Answer tone . . . . . N
Continuous carrier . . . . . N          SDLC time-out . . . . . 3.0
SDLC retry count . . . . . 1           Modem . . . . . NON-IBM
Self test required . . . . . N          X.25 data line . . . . . N

Cmd7-End      Cmd8-Help      Cmd15-Update      Cmd16-Restart      Roll-Page
-----
                                *LCMPR
                                Update System Communications

                                1. Display specific line
                                2. Communications configuration parameters
                                3. Display station communications

Ready for option number or command

                                (c) 1984 IBM Corp.

```

S9022014-0

This display shows how some communications items are defined by your system for communications line 1. The following items should be checked:

- *Hardware configuration:* If a DDSA value (2400, 4800, 9600, or 56K BPS) is shown, you should check that this speed is the same as that ordered from your DDSA network.
- *Line type:* This item specifies the line type for each of your communications lines: switched, nonswitched point-to-point, multipoint control, or multipoint tributary.
- *Clock:* If the hardware configuration of the line is EIA/CCITT and you want the modem or another external source to provide the system clocking, this item should be defined as MODEM.
- *NRZI:* This item specifies whether the line uses NRZI (non-return-to-zero inverted) data encoding when using SDLC protocol. The devices on the line must all either use or not use NRZI.
- *X.25 data line:* IBM defines this item as N (no). If you want to use the line in an X.25 network, you must specify Y (yes) for the X.25 parameter on the SETCOMM procedure display in Step 1-8.

You can display this information for each of your communications lines by pressing the Roll keys. If you want to change any of these items, go to **Step 1-9**. If what is shown on the display reflects what you want for each line, press command key 7 to return to the Main help menu, and go to **Task 2**.

Step 1-9: To change your system configuration information, type in the following and press the Help key:

SETCOMM

The following display is shown:

```
                SETCOMM PROCEDURE                               Optional-*
                Sets the communications configuration parameters

Line number . . . . . 1-8 1
Line type . . . . . MULTCONT,MULTRIB,NONSWTCH,SWITCHED
Use system clocking facility . . . . . CLOCK,NOLOCK
NRZI data encoding . . . . . NRZI,NONRZI
Use continuous carrier feature . . . . . CONCAR,NOCONCAR
Use non-US answer tone . . . . . TONE,NOTONE
Use autocal separator characters . . . . . SEP,NOSEP
Use autocal end-of-number characters . . . . . EON,NOEON
Primary SDLC time-out value . . . . . 05-80
Number of primary SDLC error retries . . . . . 1-5
Modem . . . . . IBM386X,IBM387X,NONIBM
X.25 support . . . . . X25,NOX25
DDSA line speed . . . . . 2400BPS,4800BPS,9600BPS,56KBPS

Cmd3-Previous menu                                           (c) 1985 IBM Corp.
```

s9022511

a. If you need more information about a particular parameter on the SETCOMM procedure display, see the *System Reference* manual. On the SETCOMM procedure display, make any changes to the indicated parameters and press the Enter key. The following display will be shown:

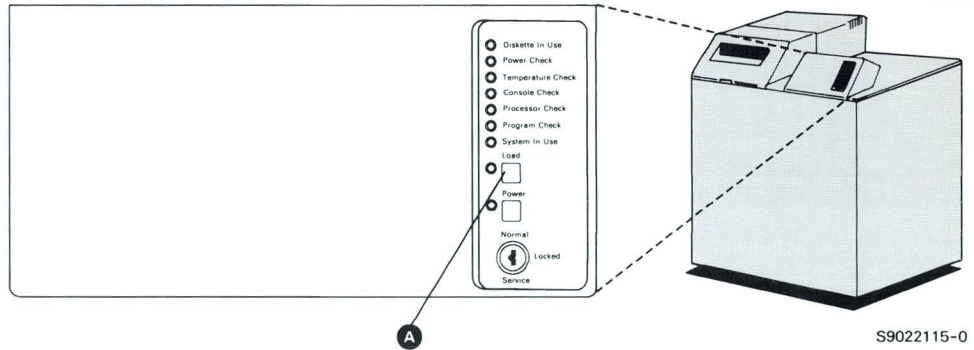
```
Input-Output                                               W1

HELP SETCOMM
SETCOMM 1
SETCOMM procedure is running
Communications personalization complete
Press the ENTER/REC ADV key - then IPL from disk
```

s9022512

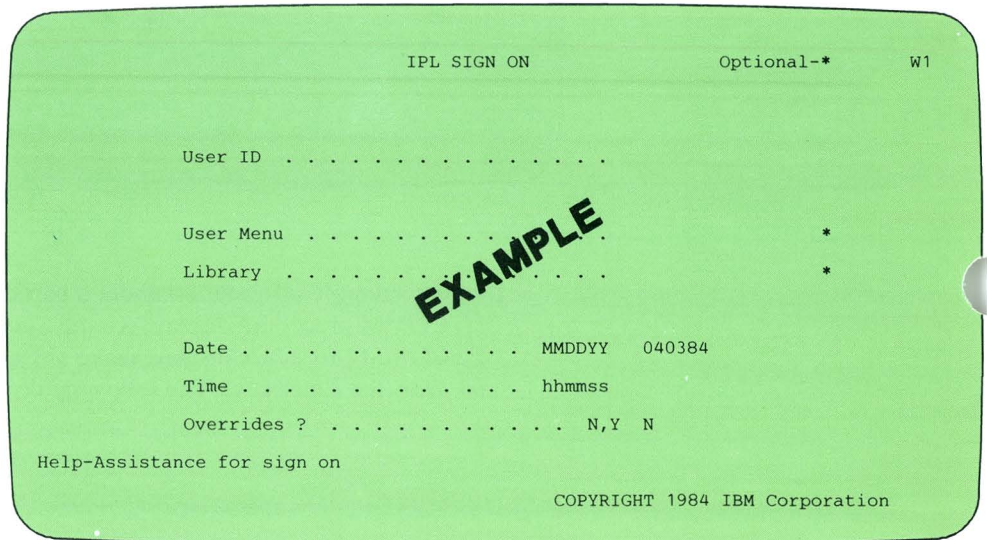
b. Press the Enter key. Repeat **Step 1-9a** for each line you want to change.

Step 1-10: To have the changes you made take effect, perform an IPL from disk.



S9022115-0

a. Press the Load key **A**. After about 3 minutes, the following display is shown at the system console:



S9022099-0

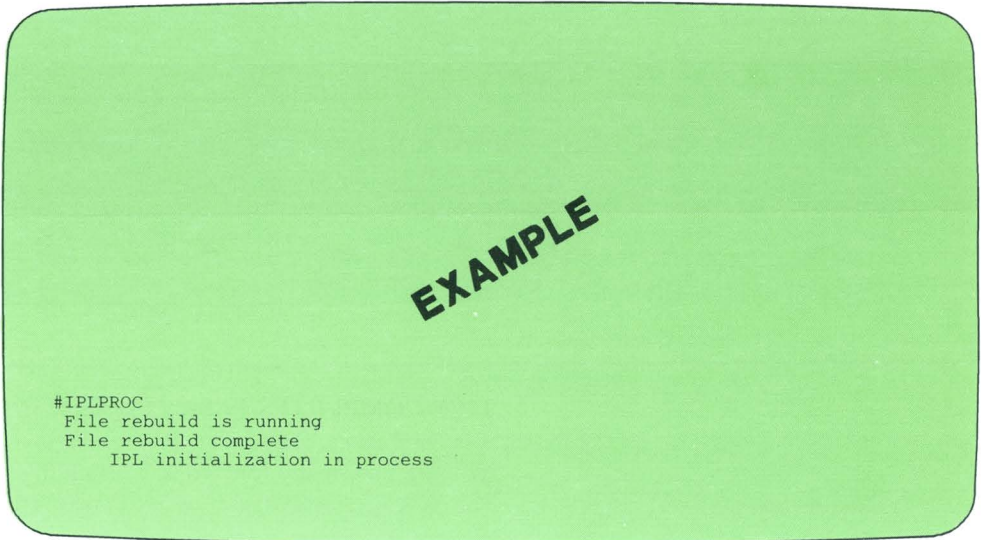
b. Type in an X for the user ID.

(If you are installing the ideographic version of the SSP, refer to **Step 1-7a** in Appendix C.)

Press the New Line (**↵**) key until the cursor is on the *Date* prompt.

- c. Type in today's date.
- d. Type in the time of day.
- e. Make sure an N is specified for the *Overrides ?* prompt.
- f. Press the Enter key.

The following display is shown and indicates the IPL is running:



S9022015-1

The following display is shown at the system console when the IPL is complete:

```

                                MAIN
                                Main System/36 help menu
                                W1

Select one of the following:

  1. Display a user menu
  2. Perform general system activities
  3. Use and control printers, diskettes, or tape
  4. Work with libraries, files, or folders
  5. Use programming languages and utilities
  6. Communicate with another system or user
  7. Define the system and its users
  8. Problem determination and service
  9. Use office products
 10. Sign off the system

Cmd3-Previous menu  Cmd7-End      Cmd12-How to use help  Home-Sign on menu
Ready for option number or command

                                (c) 1985 IBM Corp.

```

s9022513

THIS COMPLETES TASK 1; System/36 is up and running.

You are now ready for "Task 2. Building a Configuration Member."

Task 2. Building a Configuration Member

This task has you build a configuration member that is tailored to your system. Later, this configuration member will be used to copy the information to the master configuration record.

Step 2-1: Enter option 7 (*Define the system and its users*) from the Main help menu.

```
MAIN W1
Main System/36 help menu

Select one of the following:

1. Display a user menu
2. Perform general system activities
3. Use and control printers, diskettes, or tape
4. Work with libraries, files, or folders
5. Use programming languages and utilities
6. Communicate with another system or user
7. Define the system and its users
8. Use problem determination and service
9. Use office products
10. Sign off the system

Cmd3-Previous menu  Cmd7-End  Cmd12-How to use help  Home-Sign on menu

Ready for option number or command

(c) 1985 IBM Corp.
```

Type in a 7 and press the Enter key.

S9022016-0

Step 2-2: Enter option 2 (*Configure devices and system programs*) from the DEFSYS menu.

```
DEFSYS                                     W1
Define the system and its users

Select one of the following:

1. Define system security
2. Configure devices and system programs
3. Define communications
4. Set the automatic response severity level
5. Use and maintain remote files (DDM)

Cmd3-Previous menu  Cmd5-Main help menu  Cmd7-End  Home-Sign on menu

Ready for option number or command
2
```

Type in a 2 and press the Enter key.

S9022017.0

An additional message indicating the CNFIGSSP procedure is running, is shown . . .

... and then the following display is shown:

```
1.0          CNFIGSSP - MAIN MENU          W1
Select one of the following:
  1. How to use CNFIGSSP
  2. Create, change, or delete a configuration member
  3. Review a configuration
  4. Print a configuration
 10. Configuration support aids
 12. Apply change to the master configuration record
 13. Rebuild the master configuration record (update
    to next release)
 14. End CNFIGSSP

Option:

Cmd3-Previous menu

Help text is available throughout the CNFIGSSP
procedure by pressing the Help key
```

s9022514

This is the Main Menu for the CNFIGSSP procedure. Option 1 (*How to use CNFIGSSP*) from this menu gives you an overview of system configuration, guidance for using the help text supplied with the CNFIGSSP procedure, and descriptions of the options on the Main Menu for CNFIGSSP.

Also, if you have any questions on the displays for the CNFIGSSP procedure, you can press the Help key for an explanation of the display.

If you do not want to look at the information for option 1, go to **Step 2-3**. If you want to look at this type of information before continuing with step 2-3, enter option 1.

Defining a Configuration Member

Step 2-3: Enter option 2 (*Create, change, or delete a configuration member*).

```
1.0          CNFIGSSP - MAIN MENU          W1

Select one of the following:
 1. How to use CNFIGSSP
 2. Create, change, or delete a configuration member
 3. Review a configuration
 4. Print a configuration

10. Configuration support aids

12. Apply change to the master configuration record
13. Rebuild the master configuration record (update
    to next release)
14. End CNFIGSSP

Option:      2

Cmd3-Previous menu

Help text is available throughout the CNFIGSSP
procedure by pressing the help key
```

Type in a 2 and press the Enter key.

S9022018-0

Step 2-4: To complete display 3.0 (*Configuration Member Definition*):

(If you are using another System/36 to build your configuration member, refer to **Step 2-4** in Appendix B.)

```
3.0          CONFIGURATION MEMBER DEFINITION  W1

Select one of the following:
 1. Change an existing configuration member
 2. Create a new configuration member
 3. Delete a configuration member

Option . . . . . 2
Member name . . . . . SYSCNFIG
Library name . . . . . #CNFGLIB


Cmd3-Previous menu
```

EXAMPLE

S9022019-0

a. Select option 2 (*Create a new configuration member*). Type in a 2 for the first prompt. Do not press the Enter key. Go to **Step b**.

b. From Form J1:

J1 System Configuration Planning Form 		Customer Name
Workbooks 4 and 5		MIDWEST MFG.
		Customer Number 467270-36
Member Definition		
3.0		Workbook
1. Member name	SYSCNFIG	5
2. Library name	#CNFLIB	5
Member Configuration		
6.0		Workbook
1. Describe the configuration member (up to 60 characters):	SYSTEM CONFIGURATION	5
2. Main storage size 128-1024	0 2 5 6 K	5
3. Disk storage size 30-800	2 0 0 MB	5
Program Products		
19.0 Utilities		
		Workbook
1. Data File Utility (DFU)?		5
2. Work Station Utility (WSU)?		5
3. Source Entry Utility (SEU)?		5
4. Source formats for SEU?		5
5. Screen Design Aid (SDA)?		5
6. PC Support/36?		5
19.1 Languages		
		Workbook
1. RPG II?		5
2. COBOL?		5
3. BASIC?		5
4. BASIC help facility?		5
5. FORTRAN?		5
6. Assembler?		5
19.2 OFFICE/36		
		Workbook
1. DisplayWrite/36 (DW/36)?		5
2. Personal Services/36 (PS/36)?		5
3. Query/36?		5
19.3 Online Information?		
		Workbook
1. Online information for DW/36?		5
2. Online information for PS/36?		5
3. Online information for Query/36?		5
19.4 DW/36 Language Dictionaries		
		Workbook
1. Feature 6038 - English?		5
2. Feature 6039 - French?		5
3. Feature 6040 - French - Canada?		5
4. Feature 6041 - Spanish?		5
5. Feature 6042 - Italian?		5
6. Feature 6043 - Danish?		5
SSP Features		
		Workbook
21.0 Extended SSP (Feature 6000)		5
1. Base extended SSP support?		5
2. Tape support?		5

EXAMPLE

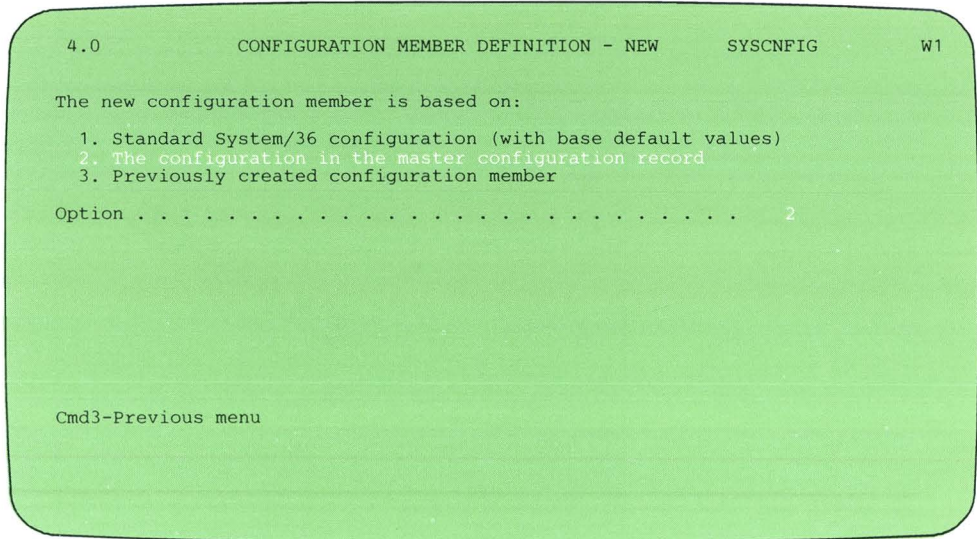
Member name: Type in the name for the configuration member. If you do not use the entire field, press the Field Exit key to get to the next prompt. If you decided to use the name SYSCNFIG, press the New Line key () to get to the next prompt. Remember the name you use, because you will need it again during system configuration.

Library name: Type in the library name. This is the library in which you will store your configuration member. It is suggested that you use the library named #CNFLIB. The system built this library during Task 1.

c. Press the Enter key.

Step 2-5: To select the basis for the configuration member on display 4.0:

(If you are using another System/36 to build your configuration member, refer to **Step 2-5** in Appendix B.)



s9022515

- a. Type in a 2 (*The configuration in the master configuration record*) for the prompt, and then press the Enter key.

Step 2-6: To describe the configuration member and system on display 6.0:

6.0	CONFIGURATION MEMBER DESCRIPTION	SYSCNFIG	W1
1. Describe the configuration member (up to 60 characters): SAMPLE CONFIGURATION			
2.	Specify main storage size in K-bytes	0128-1024	0256
3.	Specify disk storage size in M-bytes	030-800	200

EXAMPLE

Cmd3-Previous menu

S9022021-0

a. From Form J1:

J1 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
Member Definition			
3.0	1. Member name: SYSCNFIG	Workbook	5
	2. Library name: #CNFLIB		5
Member Configuration			
6.0	1. Describe the configuration member (up to 60 characters): SYSTEM CONFIGURATION	Workbook	5
	2. Main storage size 128-1024		5
	3. Disk storage size 30-800		5
Program Products			
19.0	Utilities	Workbook	
	1. Data File Utility (DFU)?	+	5
	2. Work Station Utility (WSU)?	—	5
	3. Source Entry Utility (SEU)?	+	5
	4. Source formats for SEU?	—	5
	5. Screen Design Aid (SDA)?	+	5
	6. PC Support/36?	—	5
19.1	Languages	Workbook	
	1. RPG II?	+	5
	2. COBOL?	—	5
	3. BASIC?	—	5
	4. BASIC help facility?	—	5
	5. FORTRAN?	—	5
	6. Assembler?	—	5
19.2	OFFICE/36	Workbook	
	1. DisplayWrite/36 (DW/36)?	+	5
	2. Personal Services/36 (PS/36)?	+	5
	3. Query/36?	—	5
19.3	Online information?	Workbook	
	1. Online information for DW/36?	+	5
	2. Online information for PS/36?	+	5
	3. Online information for Query/36?	—	5
19.4	DW/36 Language Dictionaries	Workbook	
	1. Feature 6038 - English?	+	5
	2. Feature 6039 - French?	—	5
	3. Feature 6040 - French - Canada?	—	5
	4. Feature 6041 - Spanish?	—	5
	5. Feature 6042 - Italian?	—	5
	6. Feature 6043 - Danish?	—	5
SSP Features			
21.0	Extended SSP (Feature 6000)	Workbook	
	1. Base extended SSP support?	+	5
	2. Tape support?	—	5

EXAMPLE

S9022020-1

Prompt 1: Type in the configuration member description. If you do not use the entire field, press the Field Exit key to get to the next prompt.

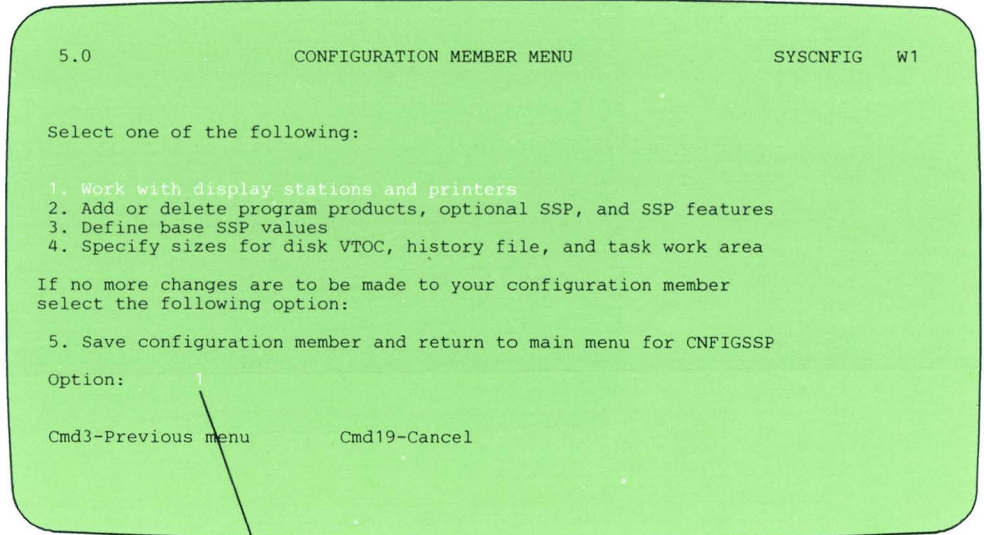
Prompt 2: Type in the main storage size for the system unit for which this configuration is being created.

Prompt 3: Type in the disk storage size for the system unit.

b. Press the Enter key.

Telling the System about Your Display Stations and Printers

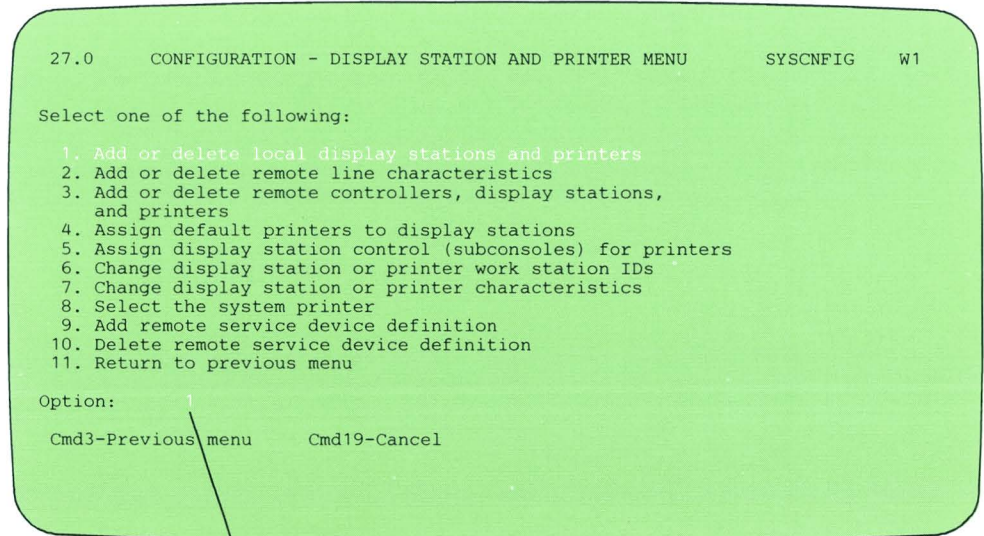
Step 2-7: Enter option 1 (*Work with display stations and printers*) on display 5.0.



Type in a 1 and press the Enter key.

S9022022-0

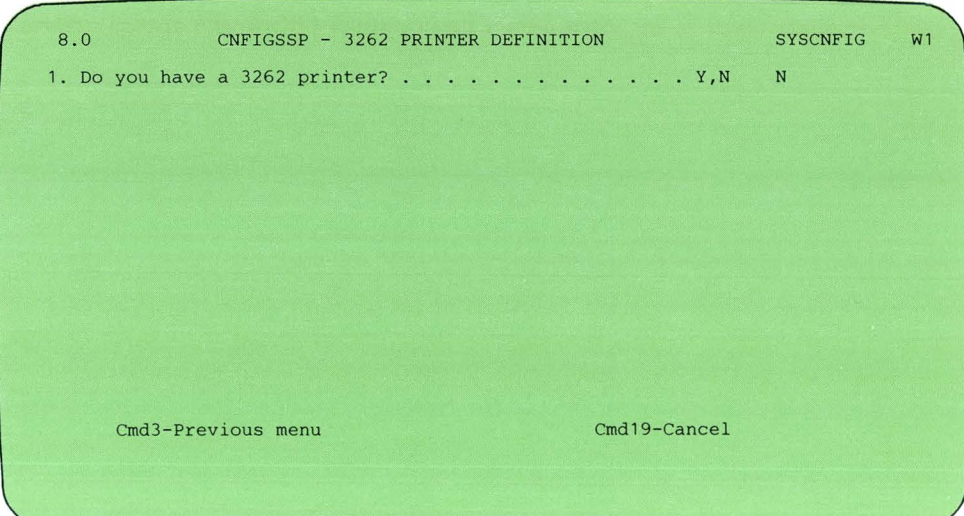
Step 2-8: Enter option 1 (*Add or delete local display stations and printers*) on display 27.0.



Type in a 1 and press the Enter key.

S9022023-0

Step 2-9: To complete display 8.0, using Form F:



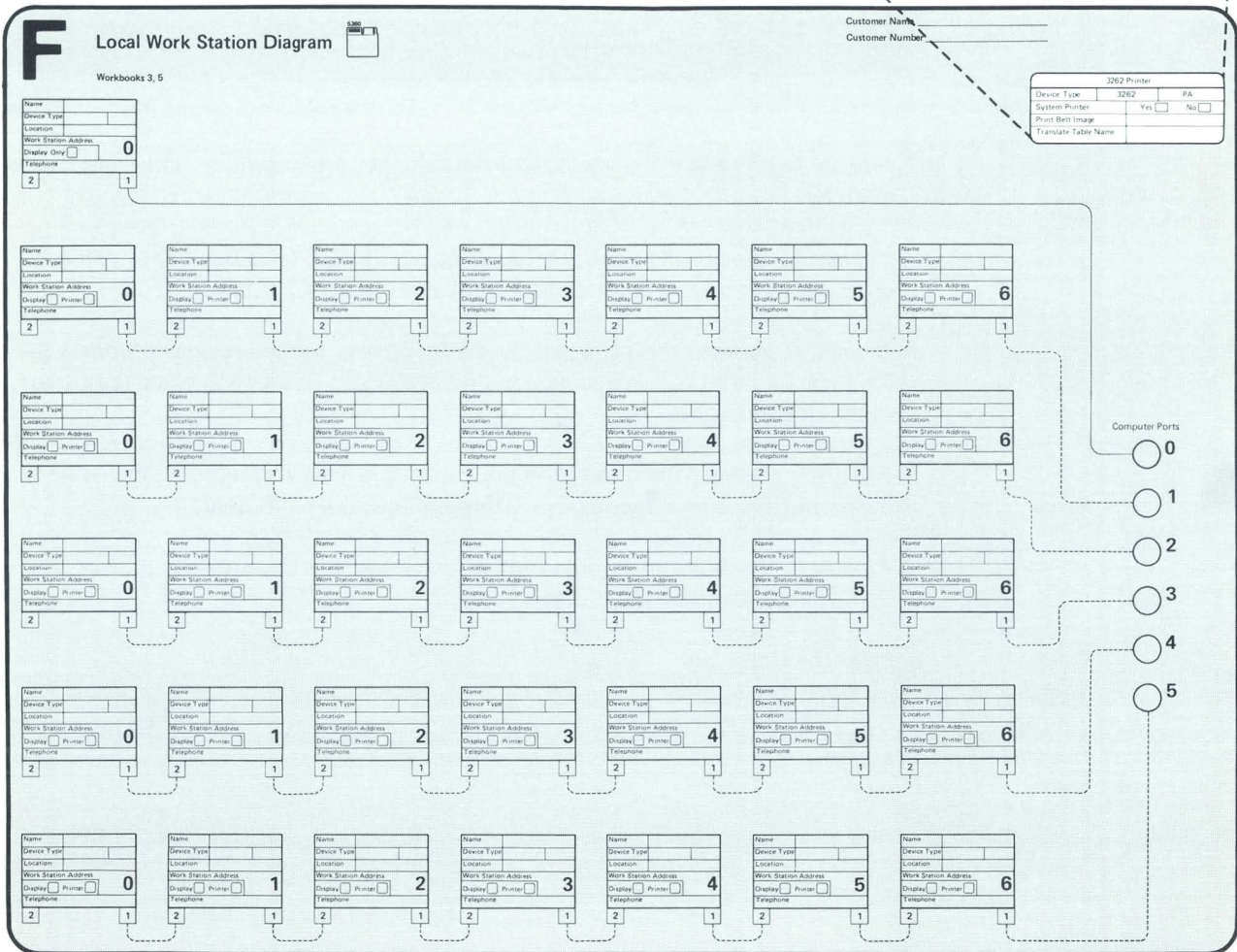
The screenshot shows a terminal window with a green background. At the top, it displays the title '8.0 CNFIGSSP - 3262 PRINTER DEFINITION' and the user 'SYSCNFIG W1'. Below this is a question: '1. Do you have a 3262 printer? Y,N N'. At the bottom of the window, there are two options: 'Cmd3-Previous menu' and 'Cmd19-Cancel'.

s9022516

a. From the 3262 Printer block on Form F:

Prompt 1: If the 3262 Printer block is not filled out, type in an N, press the Enter key, and go to **Step 2-10**.

3262 Printer		
Device Type	3262	PA
System Printer	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Print Belt Image		
Translate Table Name		



HS9022119-0

If the 3262 Printer block is filled out, type in a Y, and press the Enter key. Additional prompts will be shown:

```

8.0          C N F I G S S P  -  3 2 6 2  P R I N T E R  D E F I N I T I O N          S Y S C N F I G   W 1
1. Do you have a 3262 Printer? . . . . . Y,N   Y
2. Do you want the 3262 to be your system printer? . . . Y,N   Y
3. What is the name of your print belt? . . . . . 4
  1. BELT48          4. BELT64C          7. Other
  2. BELT48HN       5. BELT96
  3. BELT64B        6. BELT188B
4. If 7 (Other) is selected, specify print belt name . . .
5. What is the translation table name? . . . . . 2
  1. #96E48         4. #188E64          7. Other
  2. #96E64         5. #188E96
  3. #188E48        6. #188E188
6. If 7 (Other) is selected, specify translate table name. .
   Device code for the 3262 printer is PA.
   Cmd3-Previous menu                               Cmd19-Cancel

```

S9022024-4

Prompt 2: Type in a Y if the 3262 Printer is the system printer. Otherwise, type in an N.

Prompt 3: Specify the print belt image name. If your print belt image name is different from any of the options 1 through 6, specify 7 (Other).

Prompt 4: Answer this prompt only if your answer to the previous prompt was 7. Type the print belt image name. Press the Field Exit key to place the cursor at the next question.

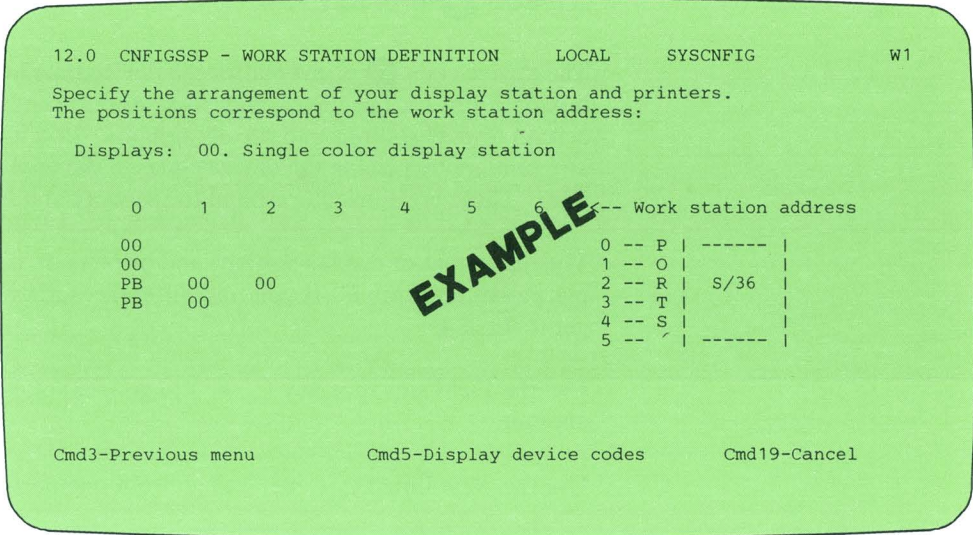
Prompt 5: Specify the translation table name. If your translation table name is different from any of the options 1 through 6, specify 7 (Other).

Prompt 6: Answer this prompt only if your answer to the previous prompt was 7. Type the translate table name.

b. Press the Enter key.

Step 2-10: To verify your local display stations and printers:

(If you are using another System/36 to build your configuration member, refer to **Step 2-10** in Appendix B.)



S9022025-0

- a. Verify that the arrangement of display stations and printers on this display matches the arrangement of **local** display stations and printers attached to your System/36. (Do not count the 3262 Printer.)

If the arrangements match, press the Enter key and go to **Step 2-10c**.

If they do not match, one or more of your local display stations or printers were not turned on in step 1-3.

The following example shows how Form F relates to display 12.0:

The ports **A** on Form F correspond to the ports **A** on display 12.0.

The work station addresses **B** on Form F correspond to the work station addresses **B** on display 12.0.

The device code **C** is given after the device type heading **C** in the work station box on Form F. The device codes are used to show the difference between certain display stations and certain printers. You identify your display stations and printers by placing the device codes in the appropriate positions on display 12.0. These positions correspond to the work station address and the port.

The placement of display stations and printers on display 12.0 should match the placement on Form F. If you find differences, they can be corrected when you get to Task 4.

Use the Field Advance key (→) to go from one work station address to another.

Use the New Line key (↵) to go from one port to another.

- b. Using Form F, type in the correct device codes. When display 12.0 and Form F match, press the Enter key to return to display 27.0.
- c. If Form H or H1 (Remote Work Station Diagram) and Form I (Communications Line Definition) are not completed, go to **Step 2-21**.

If Form H or H1 and Form I are completed, go to **Step 2-11**.

```
12.0 CFIGSSP - WORK STATION DEFINITION LOCAL SYSCNFIG W1
Specify the arrangement of your display station and printers.
The positions correspond to the work station address:

Displays: 00. Single color display station

  B  0   1   2   3   4   5   6   - Work station address
    00
    00
  C  PB  00  00
    PB  00

                                A
                                0 -- P | -----
                                1 -- O | -----
                                2 -- R | S/36
                                3 -- T | -----
                                4 -- S | -----
                                5 -- | -----

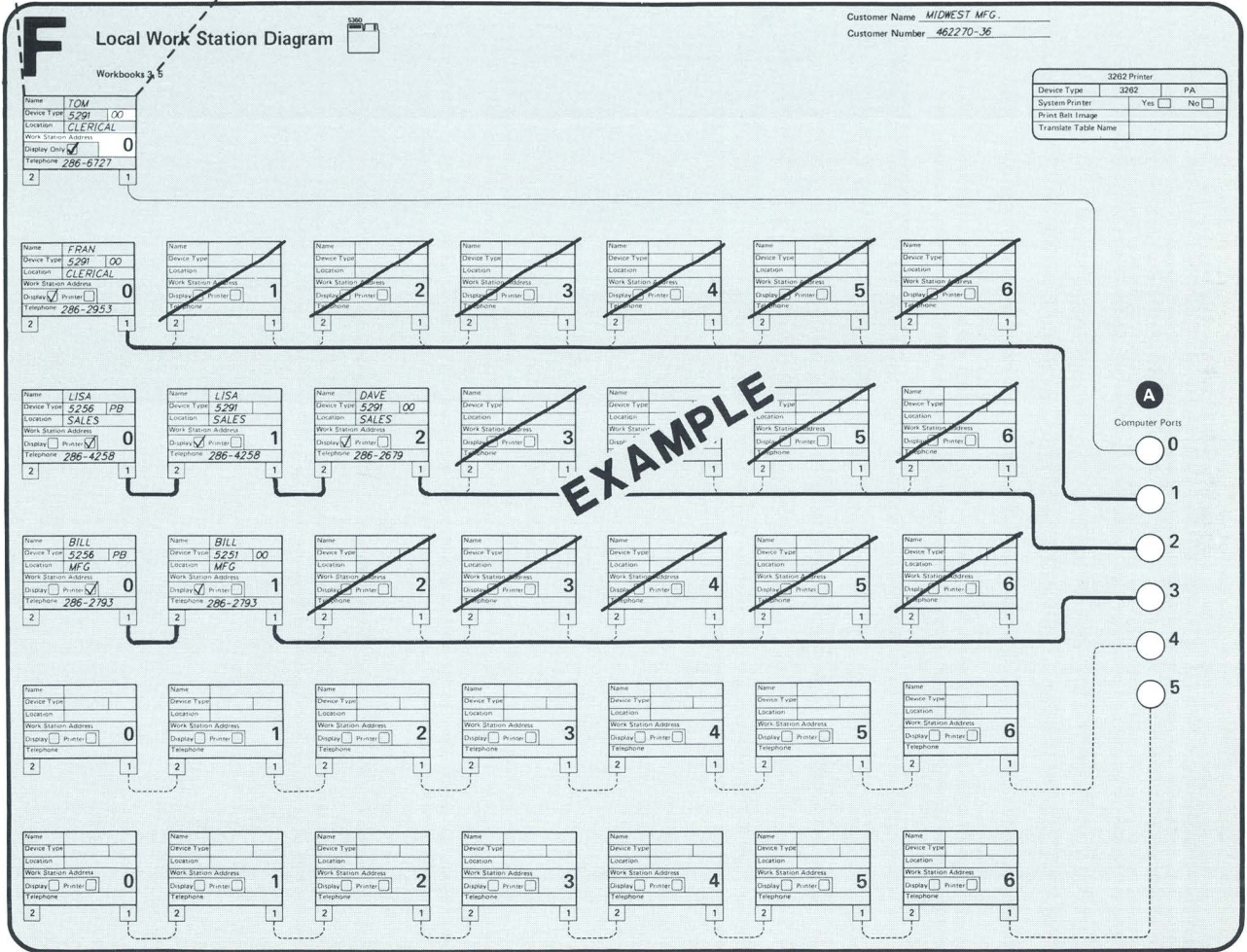
Cmd3-Previous menu      Cmd5-Display device codes      Cmd19-Cancel
```

S9022026-0

Name	TOM	
Device Type	5291	00
Location	CLERICAL	
Work Station Address		
Display Only	<input checked="" type="checkbox"/>	0
Telephone	286-6727	
	2	1

C

B



HS9022120-0

Step 2-11: To define your communications lines for remote display stations and printers, enter option 2 (*Add or delete remote line characteristics*) on display 27.0.

If you do not have remote work stations, go to **Step 2-21**.

If you do have remote work stations, but you do not want to define your remote work stations now and would like to define them later (using the manual *Changing Your System Configuration*), go to **Step 2-21**.

```
27.0      CONFIGURATION - DISPLAY STATION AND PRINTER MENU      SYSCNFIG      W1

Select one of the following:

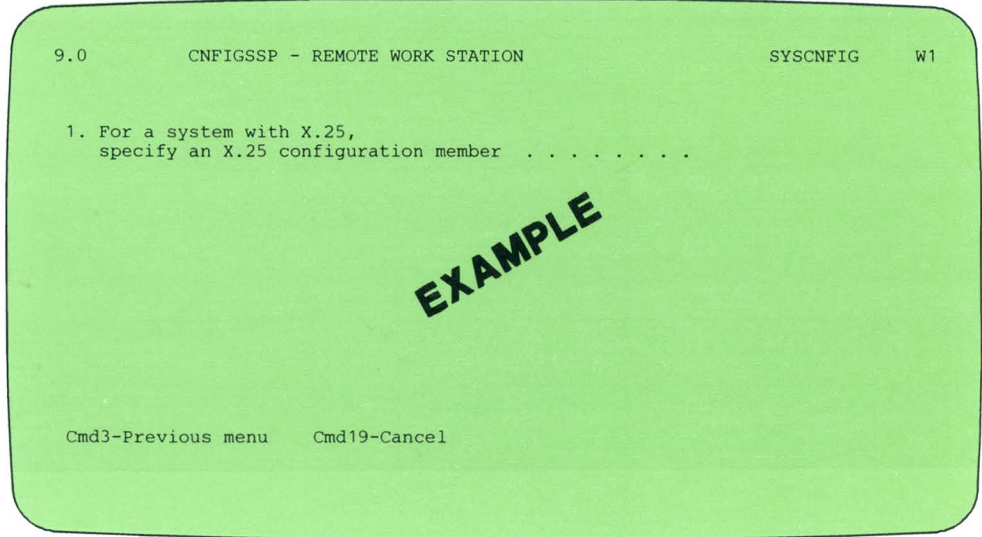
1. Add or delete local display stations and printers
2. Add or delete remote line characteristics
3. Add or delete remote controllers, display stations,
   and printers
4. Assign default printers to display stations
5. Assign display station control (subconsoles) for printers
6. Change display station or printer work station IDs
7. Change display station or printer characteristics
8. Select the system printer
9. Add remote service device definition
10. Delete remote service device definition
11. Return to previous menu

Option:      2
Cmd3-Previous menu      Cmd19-Cancel
```

Type in a 2 and press the Enter key.

S9022027-0

Step 2-12: To define the X.25 configuration member:



S9022028-1

a. From Form I:

Communications Line Definition Form		Customer Name <u>MIDWEST MFG.</u>							
Workbook 4		Customer Number <u>467270-36</u>							
Characteristics	Line Number								
	1	2	3	4	5	6	7	8	
Is line to be used in an X.25 network? Y - Yes N - No									
X.25 configuration member name _____	N								
What type of line is it? 1 - Nonswitched 2 - Switched manual call 3 - Switched autoanswer 4 - Switched manual answer	3								
Does it have automatic reconnect for the line? Y - Yes N - No	Y								

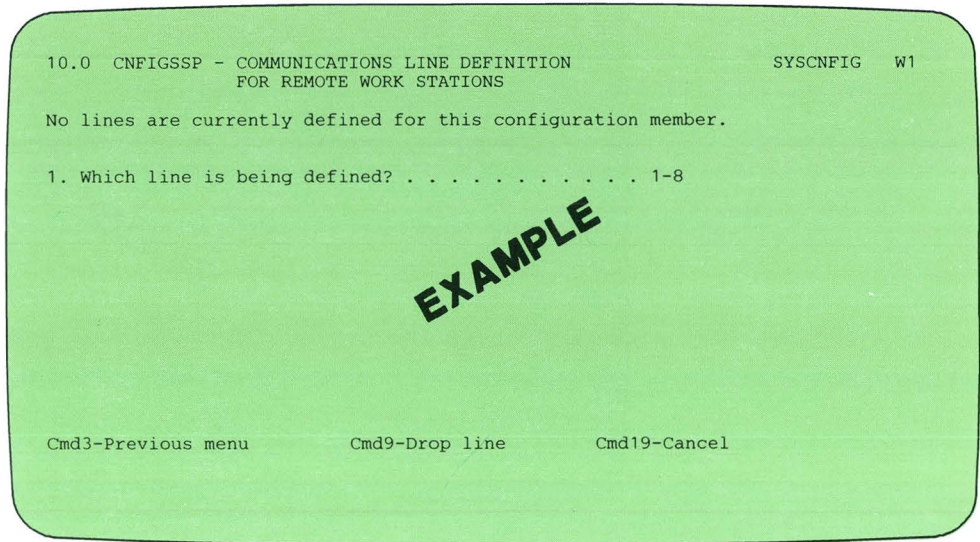
EXAMPLE

S9022029-0

Prompt 1: If X.25 support is being used, type in the name of the X.25 configuration member that will be associated with this configuration. You must create this member with the CNFIGX25 procedure after you complete this system configuration. The CNFIGX25 procedure will ask you which system configuration member is associated with this X.25 configuration member. For more information on the CNFIGX25 procedure, see the *Using System/36 Communications* manual.

b. Press the Enter key.

Step 2-13: To define the characteristics of your communications lines (for remote work stations only) on display 10.0:



S9022030-1

a. From Form I:

Prompt 1: Type in the line number you want to define.

Communications Line Definition Form		Customer Name <u>MIDWEST MFG.</u>							
Workbook 4		Customer Number <u>467270-36</u>							
		5360							
Characteristics	Line Number								
	1	2	3	4	5	6	7	8	
Is line to be used in an X.25 network? Y - Yes N - No									
X.25 configuration member name _____	N								
What type of line is it? 1 - Nonswitched 2 - Switched manual call 3 - Switched autoanswer 4 - Switched manual answer	3								
Does it have automatic reconnect for the line? Y - Yes N - No	Y								

S9022029-0

b. Press the Enter key.

These additional prompts are shown:

```

10.0 CNFIGSSP - COMMUNICATIONS LINE DEFINITION          SYSCNFIG  W1
                FOR REMOTE WORK STATIONS

No lines are currently defined for this configuration member.

1. Which line is being defined? . . . . . 1-8      1
2. Is line to be used in an X.25 network? . . . . . Y,N    N
3. What type of line is it? . . . . .                1
   1-Nonswitched          3-Switched autoanswer
   2-Switched manual call  4-Switched manual answer
4. Automatic reconnect for the line . . . . . Y,N      N

Cmd3-Previous menu      Cmd9-Drop line      Cmd19-Cancel
    
```

S9022031-2

c. From Form I:

Communications Line Definition Form		Customer Name <u>MIDWEST MFG.</u>							
Workbook 4		Customer Number <u>467270-36</u>							
		Line Number							
Characteristics		1	2	3	4	5	6	7	8
Is line to be used in an X.25 network? Y - Yes N - No									
X.25 configuration member name _____		N							
What type of line is it? 1 - Nonswitched 2 - Switched manual call 3 - Switched autoanswer 4 - Switched manual answer		3							
Does it have automatic reconnect for the line? Y - Yes N - No		Y							

S9022029-0

Prompt 2: Specify whether the line being defined is to be used in an X.25 network. Prompt 2 will be displayed only if you have specified an X.25 configuration member on display 9.0.

You can define any line as an X.25 line, but not more than one line.

Note: After you press the Enter key, the system may respond with a caution message regarding prompt 2. This message indicates that the X.25 feature is not part of the system communications information that was specified by IBM when the system was manufactured. You can continue with your first configuration now, but after you finish “Task 3. Copying to the Master Configuration Record,” go back to **Step 1-8** to change the system communications information to allow for the X.25 feature.

Prompt 3: Specify the type of line being defined. If you answer Y (yes) to prompt 2, you must specify either a 1 (nonswitched) or a 3 (switched autoanswer) line type. No manual line types are allowed in an X.25 network.

Note: After you press the Enter key, the system may respond with a caution message regarding prompt 3. This message indicates that your response does not agree with the line type characteristic that was set by IBM when the system was manufactured. You can continue with your first configuration now, but after you finish “Task 3. Copying to the Master Configuration Record,” go back to **Step 1-8** to change the line type.

Prompt 4: Specify if the line has automatic reconnect.

Step 2-14: To define additional communications lines.

After you have defined a line, it is shown by this prompt:

```
10.0  CNFIGSSP - COMMUNICATIONS LINE DEFINITION          SYSCNFIG  W1
      FOR REMOTE WORK STATIONS

The following lines have been defined -                1
1. Which line is being defined? . . . . . 1-8

                               EXAMPLE

      Cmd3-Previous menu      Cmd9-Drop line      Cmd19-Cancel
```

R9067028-1

If you have additional lines to define, repeat **Step 2-13**.

When you have defined all your communications lines, leave prompt 1 blank and press the Enter key to return to display 27.0. Go to **Step 2-15**.

Step 2-15: Enter option 3 (*Add or delete remote controllers, display stations, and printers*) on display 27.0.

```
27.0  CONFIGURATION - DISPLAY STATION AND PRINTER MENU  SYSCNFIG  W1

Select one of the following:

1. Add or delete local display stations and printers
2. Add or delete remote line characteristics
3. Add or delete remote controllers, display stations,
   and printers
4. Assign default printers to display stations
5. Assign display station control (subconsoles) for printers
6. Change display station or printer work station IDs
7. Change display station or printer characteristics
8. Select the system printer
9. Add remote service device definition
10. Delete remote service device definition
11. Return to previous menu

Option:      3
      Cmd3-Previous menu      Cmd19-Cancel
```

S9022033-1

Type in a 3 and press the Enter key.

Step 2-16: To define your remote controller on display 13.0:

Note: Each remote controller has its own Form H or H1: H for the 5251 Model 12 work station controller and H1 for the 5294 Control Unit. The instructions for display 13.0 use Form H and the 5251 Model 12 as an example. The instructions apply equally to Form H1 and the 5294 Control Unit.

```
13.0          CNFIGSSP - REMOTE CONTROLLER DEFINITION          SYSCNFIG  W1
                ADD
1. Remote controller ID . . . . . C01
2. Describe the remote controller . . .
   WAREHOUSE, ANYWHERE, USA, 281-0001
3. Controller type . . . . . 1
   1. 5251 Model 12      2. 5294
4. Controller station address . . . . . 01-FD  01
5. Communications line . . . . . 1-8  1
6. For a switched line, optionally specify
   1 to 3 alternative lines . . . . .

Cmd2-Scan      Cmd3-Previous menu
Cmd6-Restart
```

S9022034-1

a. From Form H:

Prompt 1: The remote controller ID is assigned for you by the system and cannot be changed. It should match the controller ID specified on Form H. If you have more than one remote controller, check all Forms H for the controller ID displayed. If you cannot find a match, change one of the controller IDs on a Form H to match the one on the display.

Prompt 2: The controller description is a 40-character field to help you identify this remote controller. You can use the information from Form H such as location and telephone or any other information you can think of to identify this controller. If you do not use the entire 40-character field, press the Field Exit key to go to the next prompt.

Prompt 3: The controller type is the model of the physical unit that controls your remote work stations. The 5251 Model 12 is a single-color display station that contains a remote controller. The controller can have four or eight ports, supporting a maximum of eight work stations. The 5294 Control Unit works only as a remote controller, with two or four ports supporting a maximum of eight work stations. If you attach the 5294 to a communications line used in an X.25 network, the controller supports only six work stations. Type in 1 or 2.

Prompt 4: The controller station address is assigned for you by the system. If the address is different than the address on Form H, change the address on the display to match the address on Form H. If the address is the same, press the New Line key (\leftarrow) to go to the next prompt.

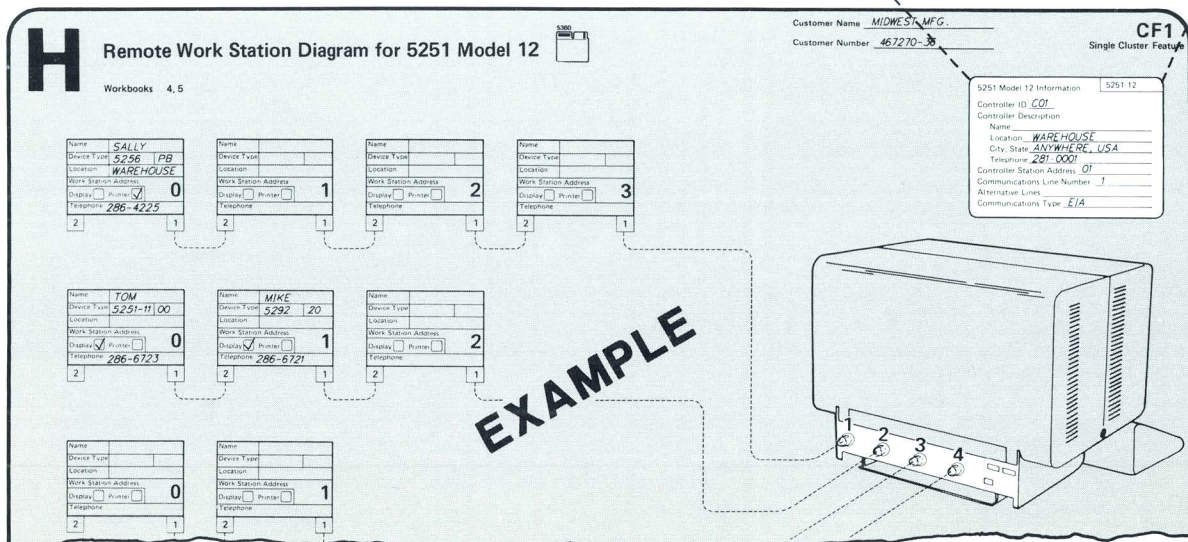
Prompt 5: Type in the communications line number to which this controller is attached.

Prompt 6: Type in any alternative lines for this controller. The line to which this controller is attached *must* be a switched line if you specify alternative lines. The alternative line must be a switched line and must be the same switch type as the line that the controller is attached to.

b. Press the Enter key.

c. If you specified a 1 for prompt 3, go to **Step 2-17**. If you specified a 2 for prompt 3, go to **Step 2-19**.

5251 Model 12 Information	5251-12
Controller ID <u>CO1</u>	
Controller Description:	
Name _____	
Location <u>WAREHOUSE</u>	
City, State <u>ANYWHERE, USA</u>	
Telephone <u>281-0001</u>	
Controller Station Address <u>01</u>	
Communications Line Number <u>1</u>	
Alternative Lines _____	
Communications Type <u>EIA</u>	



Step 2-17: To define the number of display stations and printers attached to this controller:

```
14.0          CNFIGSSP - REMOTE CLUSTER DEFINITION          SYSCNFIG          W1

Specify up to four display stations or printers attached to each
cluster feature below:

          SINGLE CLUSTER FEATURE

Port number          1  2  3  4
Number of display
stations and printers 1  2  0  0

          DUAL CLUSTER FEATURE

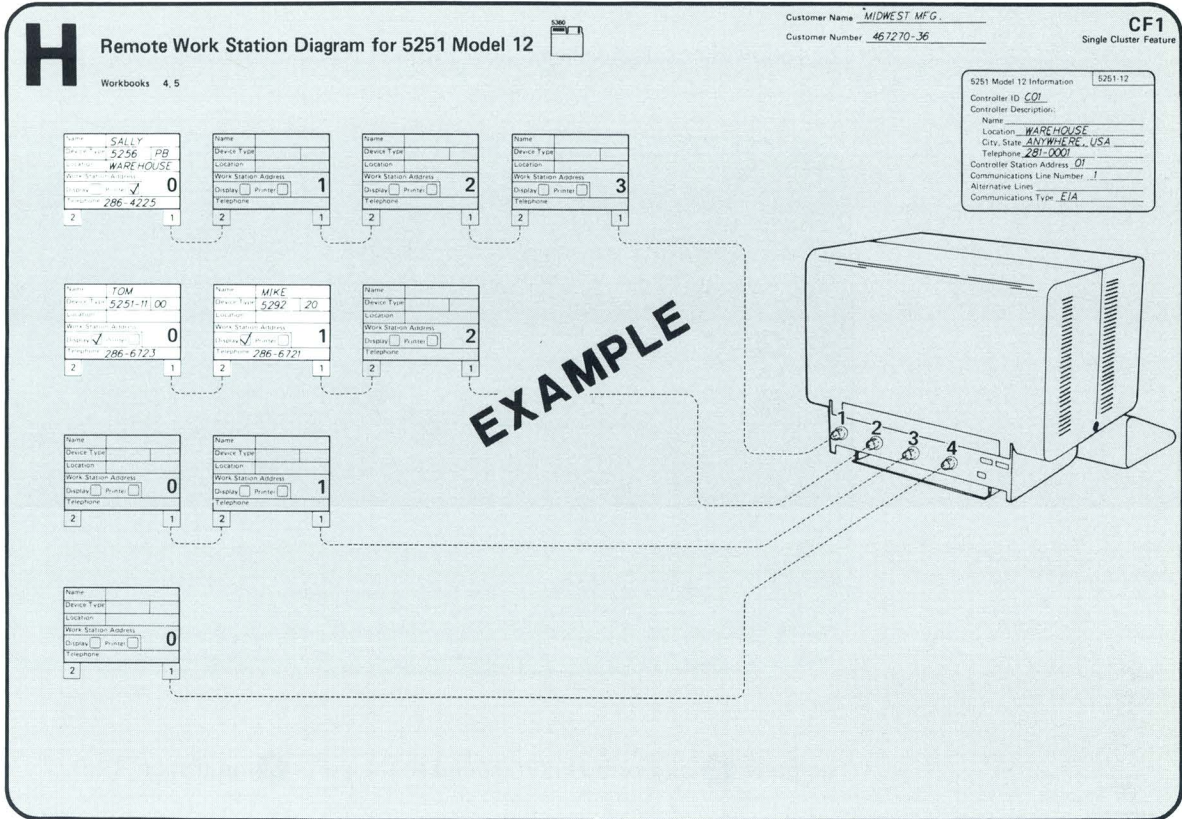
Port number          5  6  7  8
Number of display
stations and printers 0  0  0  0

Cmd19-Cancel
```

S9022035-1

- a. If you do not have any display stations or printers attached to the remote controller, press the Enter key and go to **Step 2-20**.

If you have display stations and printers attached to the remote controller, specify the number of displays and printers attached to each port of the remote controller, using Form H. This example shows one device attached to port 1 and two devices attached to port 2. If you specify an incorrect configuration, the system issues a message telling you why the configuration is incorrect.



HS9022122-0

b. Press the Enter key.

Step 2-18: Define the arrangement of the remote display stations and printers on display 12.0, using Form H.

The following example shows how Form H relates to display 12.0:

12.0 CNFIGSSP - WORK STATION DEFINITION REMOTE SYSCNFIG W1

Specify the arrangement of your display station and printers.
The positions correspond to the work station address:

Displays: 00. Single color display station

B	0	1	2	3	
C	02				
	PB				
	00	20			

	0	--	P		-----	
	1	--	O			
	2	--	R		C01	
	3	--	T			
A	4	--	S		5251	
	5	--			MODEL	
	6	--			12	
	7	--				
	8	--			-----	

Work station address

Cmd3-Previous menu Cmd5-Display device codes Cmd19-Cancel

S9022036-1

The ports **A** on Form H correspond to the ports **A** on display 12.0.

The work station addresses **B** on Form H correspond to the work station addresses **B** on display 12.0. The number of input fields is determined by the number you specified for each port on the previous display (display 14.0).

The device code **C** is given after the device type heading **C** in the work station box on Form H. The device codes are used to show the difference between certain display stations and certain printers. You identify your display stations and printers by placing the device codes in the appropriate positions on display 12.0. These positions correspond to the work station address and the port. The 02 device code represents the 5251 Model 12 remote controller. This cannot be changed. (You can use command key 5 to display a table of device codes that are specific to each model of display station or printer. The system can use either these specific device codes or the more general device codes.)

The placement of display stations and printers on display 12.0 should match the placement on Form H.

Use the Field Advance key (→) to go from one work station address to another.

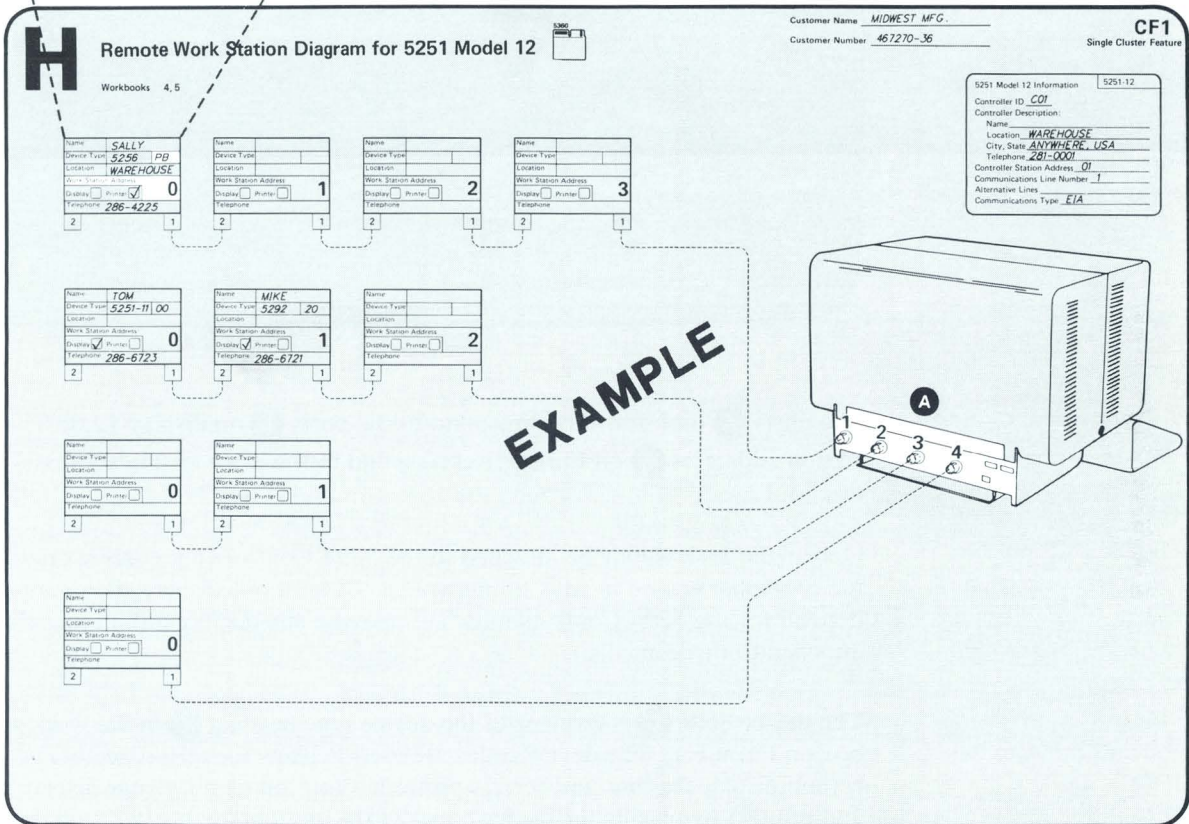
Use the New Line key (↵) to go from one port to another.

Using Form H, type in the correct device codes. When display 12.0 and Form H match, press the Enter key and go to **Step 2-20**.

Name	SALLY	
Device Type	5256	PB
Location	WAREHOUSE	
Work Station Address		
Display	<input type="checkbox"/>	Printer <input checked="" type="checkbox"/>
Telephone	286-4225	
	2	1

C

B



HS9022123-0

Step 2-19: Define the arrangement of the remote display stations and printers on display 12.0, using Form H1.

The following example shows how Form H1 relates to display 12.0:

```

12.0 CNFIGSSP - WORK STATION DEFINITION          REMOTE  SYSCNFIG  W1
Specify the arrangement of your display stations and printers.
The positions correspond to the work station address:

Displays: 00. Single color display station

  B 0    1    2    3          <--Work station address
  C 00   PD
    20
                                A
                                0 -- P | ----- |
                                1 -- O | C02   |
                                2 -- R | ----- |
                                3 -- T | 5294  |
                                    -----

Cmd3-Previous menu      Cmd5-Display device codes      Cmd19-Cancel
  
```

S9022037-2

The ports **A** on Form H1 correspond to the ports **A** on display 12.0. The work station addresses **B** on Form H1 correspond to the work station addresses **B** on display 12.0.

Only eight devices may be attached to the 5294 Control Unit (only six devices if the controller is used in an X.25 network). At least one display station must be defined for the 5294 Control Unit. This may be any display station that can be attached to this controller.

The device code **C** is given after the device type heading **C** in the work station box on Form H1. The device codes are used to show the difference between certain display stations and certain printers. You can identify your display stations and printers by placing the device codes in the appropriate positions on display 12.0. These positions correspond to the work station address and the port. (You can use command key 5 to display a table of device codes that are specific to each model of display station or printer. The system can use either these specific device codes or the more general device codes.)

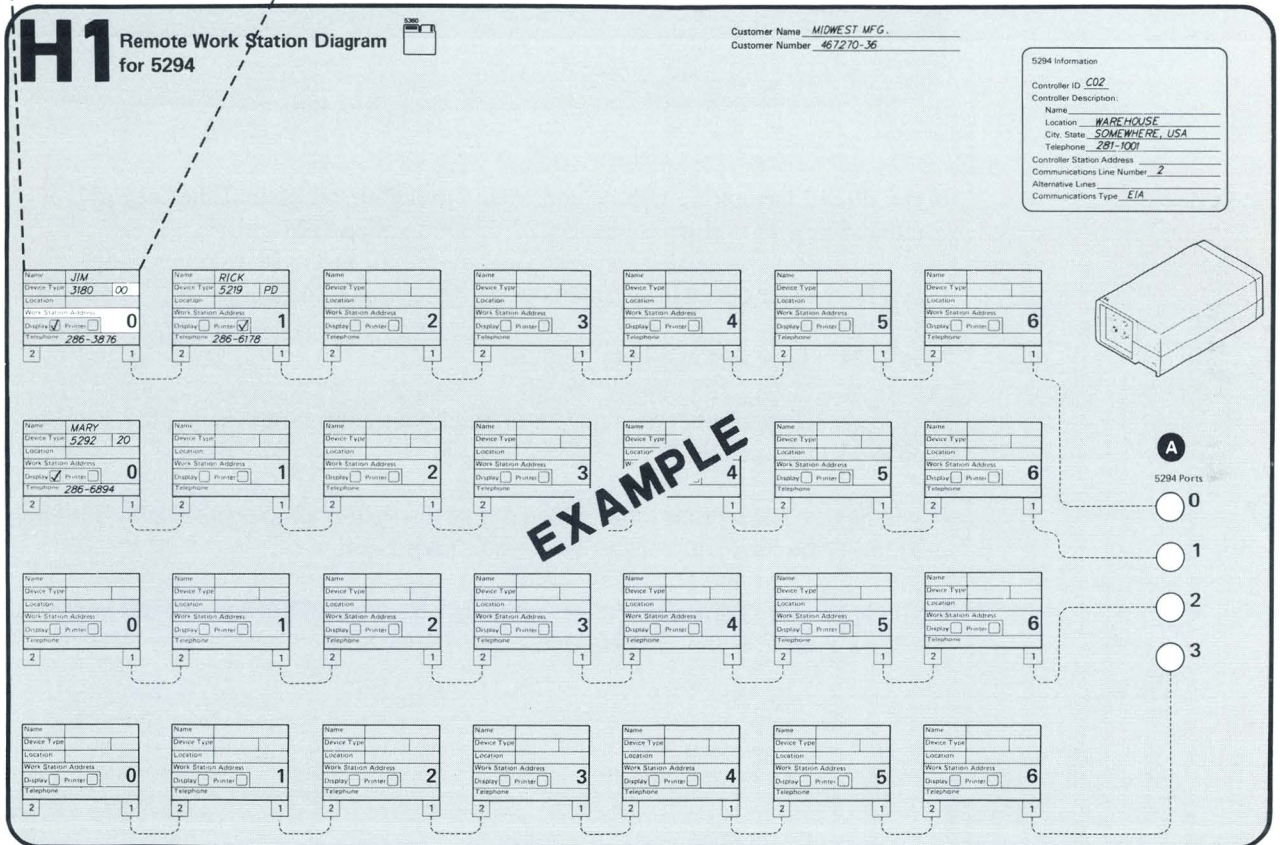
The placement of display stations and printers on display 12.0 should match the placement on Form H1.

Use the Field Advance key (**→**) to go from one work station address to another.

Use the New Line key (**↵**) to go from one port to another.

Using Form H1, type in the correct device codes. When display 12.0 and Form H1 match, press the Enter key and go to **Step 2-20**.

Name	JIM	
Device Type	3180	00
Location		
Work Station Address		
Display	<input checked="" type="checkbox"/>	Printer <input type="checkbox"/>
Telephone	286-3876	
	2	1



HS9022124-0

Step 2-20: To define another remote controller:

```
13.0          CNFIGSSP - REMOTE CONTROLLER DEFINITION          SYSCNFIG  W1
                ADD
1. Remote controller ID . . . . . C02
2. Describe the remote controller . . .
3. Controller type . . . . . 1
   1. 5251 Model 12      2. 5294
4. Controller station address . . . . . 01-FD  02
5. Communications line . . . . . 1-8
6. For a switched line, optionally specify
   1 to 3 alternative lines . . . . .

Cmd2-Scan      Cmd3-Previous menu
Cmd6-Restart
```

S9022038-2

If you do not have more remote controllers to define, press the Enter key or command key 3 to return to display 27.0. Go to **Step 2-21**.

If you have more remote controllers to define, go back to **Step 2-16**.

Step 2-21: To assign a system printer:

(If you are using another System/36 to build your configuration member, refer to **Step 2-21** in Appendix B.)

If you have a 3262 Printer and selected it as the system printer on display 8.0 (step 2-9), or if you have only one printer, go to **Step 2-24**.

If you have more than one printer and do not have a 3262 Printer, or did not select the 3262 Printer as the system printer, go to **Step 2-22**.

Step 2-22: Enter option 8 (*Select the system printer*) on display 27.0.

```
27.0      CONFIGURATION - DISPLAY STATION AND PRINTER MENU      SYSCNFIG      W1

Select one of the following:

  1. Add or delete local display stations and printers
  2. Add or delete remote line characteristics
  3. Add or delete remote controllers, display stations,
    and printers
  4. Assign default printers to display stations
  5. Assign display station control (subconsoles) for printers
  6. Change display station or printer work station IDs
  7. Change display station or printer characteristics
  8. Select the system printer
  9. Add remote service device definition
 10. Delete remote service device definition
 11. Return to previous menu

Option:      8
             |
             |
Cmd3-Previous menu      Cmd19-Cancel
```

Type in an 8 and press the Enter key.

S9022039-0

Step 2-23: To select the system printer:

a. If you have a 3262 Printer, the following display is shown:

```
28.0      CNFIGSSP -- SYSTEM PRINTER ASSIGNMENT      SYSCNFIG      W1

Place an asterisk next to the printer that is to
be the system printer.

  0      1      2      3      4      5      6      <--Work station address
P1
                                     P |-----|
                                     O |-----|
                                     R |-----|
                                     T |-----|
                                     S |  S/36  |
                                     |-----|

EXAMPLE
```

Cmd3-Previous menu Cmd5-Show device codes

The system printer was not specified

S9022040-2

- b. Press the Enter key to go from that display, which shows the 3262 Printer, to the following display:

```

28.0      CNFIGSSP -- SYSTEM PRINTER ASSIGNMENT                SYSCNFIG      W1
Place an asterisk next to the printer that is to
be the system printer.

      0      1      2      3      4      5      6  <--Work station address
W1
W2
P2  W3      W4
P3  W5
                                0 -- P |-----|
                                1 -- O |-----|
                                2 -- R |-----|
                                3 -- T |-----|
                                4 -- S | S/36 |
                                5 -- |-----|
                                |-----|

Cmd3-Previous menu          Cmd5-Show device codes

The system printer was not specified

```

S9022041-2

- c. Press command key 5 to show the device codes for the display stations and printers:

```

28.0      CNFIGSSP -- SYSTEM PRINTER ASSIGNMENT                SYSCNFIG      W1
Place an asterisk next to the printer that is to
be the system printer.

      0      1      2      3      4      5      6  <--Work station address
00
00
PB  00      00
PB  00
                                0 -- P |-----|
                                1 -- O |-----|
                                2 -- R |-----|
                                3 -- T |-----|
                                4 -- S | S/36 |
                                5 -- |-----|
                                |-----|

Cmd3-Previous menu          Cmd5-Show work station IDs

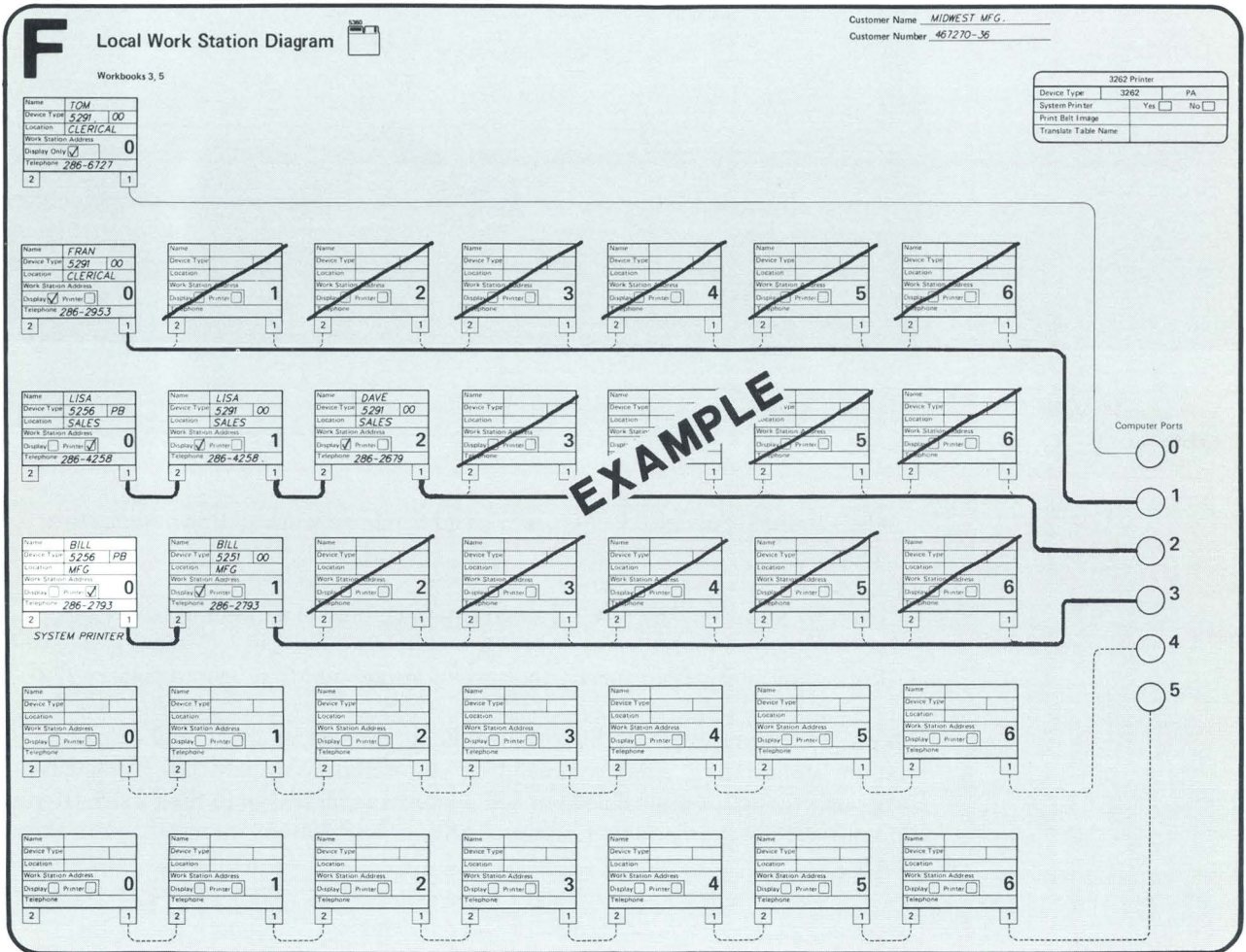
The system printer was not specified

```

S9022042-2

d. Using Form F, find the printer identified as the system printer.

The words **system printer** are written below the printer box chosen to be the system printer:



HS9022125-0

- e. On display 28.0, place an asterisk (*) next to the printer chosen to be the system printer.

```

28.0      CNFIGSSP -- SYSTEM PRINTER ASSIGNMENT                SYSCNFIG      W1
Place an asterisk next to the printer that is to
be the system printer.

      0      1      2      3      4      5      6      <--Work station address
00
00
PB      00      00
*PB      00

                                0 -- P |-----|
                                1 -- O |
                                2 -- R |
                                3 -- T |
                                4 -- S | S/36
                                5 --  |
                                |-----|

Cmd3-Previous menu          Cmd5-Show work station IDs

The system printer was not specified

```

S9022043-2

Use the Field Advance key (→) to go from one work station address to another.

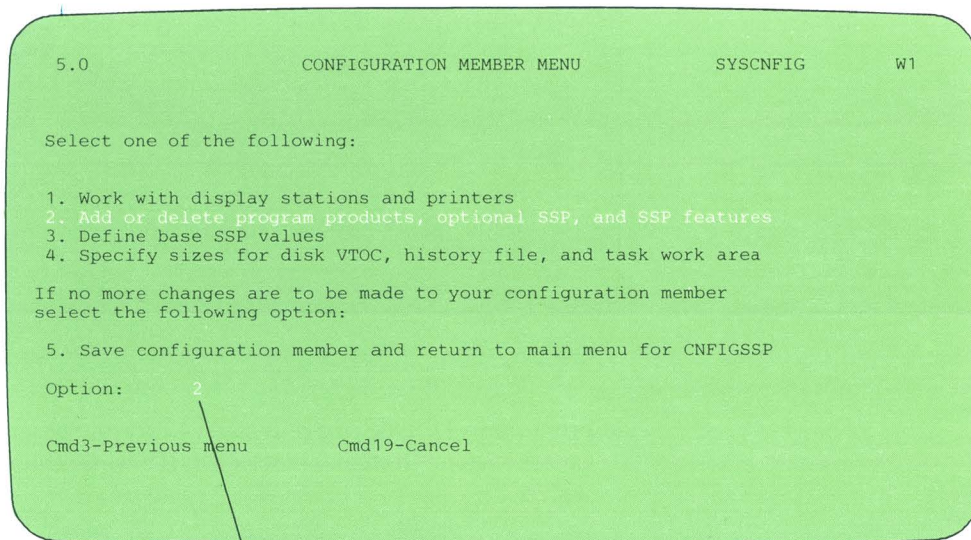
Use the New Line key (↵) to go from one port to another.

- f. Press the Enter key to specify the system printer and to return to display 27.0.

Step 2-24: This completes the steps for telling the system about your display stations and printers. Press command key 3 to return to display 5.0. If you have program products, optional SSP, or SSP features to install, go to **Step 2-25**. If you do not have program products, optional SSP, or SSP features to install, go to **Step 2-42c**.

Telling the System about Your Program Products, Optional SSP, or SSP Features

Step 2-25: Enter option 2 (*Add or delete program products, optional SSP, and SSP features*) on display 5.0.



Type in a 2 and press the Enter key.

S9022044-0

Step 2-26: To complete display 19.0:

```

19.0                                CNFIGSSP - PROGRAM PRODUCT UTILITIES                                SYSCNFIG                                W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. Data file utility (DFU) . . . . . +
2. Work station utility (WSU) . . . . . +
3. Source entry utility (SEU) . . . . . +
  4. Source formats for SEU . . . . . +
5. Screen design aid (SDA) . . . . . +
6. PC Support/36 . . . . . +

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
    of the master configuration record

Cmd3-Previous menu                                Cmd19-Cancel
  
```

S9022045-5

a. From Form J1, type in a plus sign (+) for the program products to be installed on the system. If item 6 is selected, IDDU is required and will be automatically added.

J1 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
Member Definition			
3.0	1. Member name: SYSCNFIG Workbook 5		
	2. Library name: ZCNFGLIB Workbook 5		
Member Configuration			
6.0	1. Describe the configuration member (up to 60 characters): SYSTEM CONFIGURATION Workbook 5		
	2. Main storage size: 128-1024 0 2 5 6 K Workbook 5		
	3. Disk storage size: 30-800 2 0 0 MB Workbook 5		
Program Products			
19.0 Utilities Workbook			
	1. Data File Utility (DFU)? + 5		
	2. Work Station Utility (WSU)? - 5		
	3. Source Entry Utility (SEU)? + 5		
	4. Source formats for SEU? + 5		
	5. Screen Design Aid (SDA)? + 5		
	6. PC Support /36? - 5		
19.1 Languages Workbook			
	1. RPG II? + 5		
	2. COBOL? - 5		
	3. BASIC? - 5		
	4. BASIC help facility? - 5		
	5. FORTRAN? - 5		
	6. Assembler? - 5		
19.2 OFFICE/36 Workbook			
	1. DisplayWrite/36 (DW/36)? + 5		
	2. Personal Services/36 (PS/36)? + 5		
	3. Query/36? - 5		
19.3 Online Information? Workbook			
	1. Online information for DW/36? + 5		
	2. Online information for PS/36? + 5		
	3. Online information for Query/36? - 5		
19.4 DW/36 Language Dictionaries Workbook			
	1. Feature 6038 - English? + 5		
	2. Feature 6039 - French? - 5		
	3. Feature 6040 - French - Canada? - 5		
	4. Feature 6041 - Spanish? - 5		
	5. Feature 6042 - Italian? - 5		
	6. Feature 6043 - Danish? - 5		
SSP Features			
21.0 Extended SSP (Feature 6000) Workbook			
	1. Base extended SSP support? + 5		
	2. Tape support? - 5		

S9022020-1

b. Press the Enter key.

Step 2-27: To complete display 19.1.

```

19.1          CNFIGSSP - PROGRAM PRODUCT LANGUAGES          SYSCNFIG          W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. RPG II . . . . . +
2. COBOL . . . . .
3. BASIC . . . . .
   4. BASIC help facility . . . . .
5. FORTRAN . . . . .
6. Assembler . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu  Cmd19-Cancel
  
```

S9022046-3

a. From Form J1, type in a plus sign (+) for the program products to be installed on the system.

J1 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
Member Definition			
3.0	1. Member name: SYSCNFIG Workbook 5		
	2. Library name: #CNFIGLIB 5		
Member Configuration			
6.0	1. Describe the configuration member (up to 60 characters): SYSTEM CONFIGURATION Workbook 5		
	2. Main storage size: 128-1024 0.256 K 5		
	3. Disk storage size: 30-800 200 MB 5		
Program Products			
19.0 Utilities Workbook			
	1. Data File Utility (DFU)?	+	5
	2. Work Station Utility (WSU)?	—	5
	3. Source Entry Utility (SEU)?	+	5
	4. Source formats for SEU?	+	5
	5. Screen Design Aid (SDA)?	+	5
	6. PC Support/36?	—	5
19.1 Languages Workbook			
	1. RPG II?	+	5
	2. COBOL?	—	5
	3. BASIC?	—	5
	4. BASIC help facility?	—	5
	5. FORTRAN?	—	5
	6. Assembler?	—	5
19.2 OFFICE/36 Workbook			
	1. DisplayWrite/36 (DW/36)?	+	5
	2. Personal Services/36 (PS/36)?	+	5
	3. Query/36?	—	5
19.3 Online Information? Workbook			
	1. Online information for DW/36?	+	5
	2. Online information for PS/36?	+	5
	3. Online information for Query/36?	—	5
19.4 DW/36 Language Dictionaries Workbook			
	1. Feature 6038 - English?	+	5
	2. Feature 6039 - French?	—	5
	3. Feature 6040 - French - Canada?	—	5
	4. Feature 6041 - Spanish?	—	5
	5. Feature 6042 - Italian?	—	5
	6. Feature 6043 - Danish?	—	5
SSP Features			
21.0 Extended SSP (Feature 6000) Workbook			
	1. Base extended SSP support?	+	5
	2. Tape support?	—	5

S9022020-1

b. Press the Enter key.

Step 2-28: To complete display 19.2:

```

19.2          CNFIGSSP - PROGRAM PRODUCT OFFICE/36          SYSCNFIG          W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. DisplayWrite/36 (DW/36) . . . . . +
2. Personal Services/36 (PS/36) . . . . . +
3. Query/36 . . . . . +

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
of the master configuration record

Cmd3-Previous menu   Cmd19-Cancel
  
```

S9022047-4

a. From Form J1, type in a plus sign (+) for the program products to be installed on the system. Item 1 is required if item 2 is selected.

J1 System Configuration Planning Form		Customer Name
Workbooks 4 and 5		MIDWEST MFG.
		Customer Number 467270-36
Member Definition		
3.0	1. Member name: SYSCNFIG	Workbook 5
	2. Library name: #CNFIGLIB	5
Member Configuration		
6.0	1. Describe the configuration member (up to 60 characters): SYSTEM CONFIGURATION	Workbook 5
	2. Main storage size: 128-1024 0256 K	5
	3. Disk storage size: 30-800 200 MB	5
Program Products		
19.0 Utilities		
	1. Data File Utility (DFU)?	+ 5
	2. Work Station Utility (WSU)?	5
	3. Source Entry Utility (SEU)?	+ 5
	4. Source formats for SEU?	+ 5
	5. Screen Design Aid (SDA)?	+ 5
	6. PC Support/36?	5
19.1 Languages		
	1. RPG II?	+ 5
	2. COBOL?	5
	3. BASIC?	5
	4. BASIC help facility?	5
	5. FORTRAN?	5
	6. Assembler?	5
19.2 OFFICE/36		
	1. DisplayWrite/36 (DW/36)?	+ 5
	2. Personal Services/36 (PS/36)?	+ 5
	3. Query/36?	5
19.3 Online Information?		
	1. Online information for DW/36?	+ 5
	2. Online information for PS/36?	+ 5
	3. Online information for Query/36?	5
19.4 DW/36 Language Dictionaries		
	1. Feature 6038 - English?	+ 5
	2. Feature 6039 - French?	5
	3. Feature 6040 - French - Canada?	5
	4. Feature 6041 - Spanish?	5
	5. Feature 6042 - Italian?	5
	6. Feature 6043 - Danish?	5
SSP Features		
21.0 Extended SSP (Feature 6000)		
	1. Base extended SSP support?	+ 5
	2. Tape support?	5

S9022020-1

b. Press the Enter key.

Step 2-29: To complete display 19.3:

```
19.3          CNFIGSSP - ONLINE INFORMATION          SYSCNFIG  W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. Online information for DW/36 . . . . .          +
2. Online information for PS/36 . . . . .          +
3. Online information for Query/36 . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
of the master configuration record

Cmd3-Previous menu    Cmd19-Cancel
```

S9022048-3

Only the online information for the OFFICE/36 support you are adding will be shown on this display.

Note: If any OFFICE/36 Program Product is being added, the online information for that program product is automatically marked to be added. You have the option to not add this support by blanking out the plus sign (+) for the appropriate prompt. If the support is currently on the system, the asterisk () is shown. You can delete the support that is currently on the system by typing a minus sign (-) for the appropriate prompt. However, most of the information for OFFICE/36 Program Product is online, rather than in a printed manual. It is therefore recommended that you add this support.*

- a. From Form J1, type in a plus sign (+) for the online information to be installed on the system.

J1 System Configuration Planning Form		Customer Name <i>MIDWEST MFG.</i>
Workbooks 4 and 5		Customer Number <i>467270-36</i>
Member Definition		
3 0	1. Member name: 2. Library name: <i>S Y S C N F I G # C N F G L I B</i>	Workbook 5 5
Member Configuration		
6 0	1. Describe the configuration member (up to 60 characters): <i>SYSTEM CONFIGURATION</i>	Workbook 5
	2. Main storage size 128-1024 <i>0 2 5 6</i> K	5
	3. Disk storage size 30-800 <i>2 0 0</i> MB	5
Program Products		
19.0 Utilities		
	1. Data File Utility (DFU)?	+ 5
	2. Work Station Utility (WSU)?	— 5
	3. Source Entry Utility (SEU)?	+ 5
	4. Source formats for SEU?	+ 5
	5. Screen Design Aid (SDA)?	+ 5
	6. PC Support/36?	— 5
19.1 Languages		
	1. RPG II?	+ 5
	2. COBOL?	— 5
	3. BASIC?	— 5
	4. BASIC help facility?	— 5
	5. FORTRAN?	— 5
	6. Assembler?	— 5
19.2 OFFICE/36		
	1. DisplayWrite/36 (DW/36)?	+ 5
	2. Personal Services/36 (PS/36)?	+ 5
	3. Query/36?	— 5
19.3 Online Information?		
	1. Online information for DW/36?	+ 5
	2. Online information for PS/36?	+ 5
	3. Online information for Query/36?	— 5
19.4 DW/36 Language Dictionaries		
	1. Feature 6038 - English?	+ 5
	2. Feature 6039 - French?	— 5
	3. Feature 6040 - French - Canada?	— 5
	4. Feature 6041 - Spanish?	— 5
	5. Feature 6042 - Italian?	— 5
	6. Feature 6043 - Danish?	— 5
SSP Features		
21 0 Extended SSP (Feature 6000)		
	1. Base extended SSP support?	+ 5
	2. Tape support?	— 5

- b. Press the Enter key.

Step 2-30: To complete display 19.4:

```

19.4          CNFIGSSP - DW/36 LANGUAGE DICTIONARIES          SYSCNFIG          W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1.  Feature 6038 - English . . . . . +
2.  Feature 6039 - French . . . . .
3.  Feature 6040 - French-Canada . . . . .
4.  Feature 6041 - Spanish . . . . .
5.  Feature 6042 - Italian . . . . .
6.  Feature 6043 - Danish . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3- Previous menu      Cmd19-Cancel
  
```

S9022049-2

a. From Form J1, type in a plus sign (+) for the DisplayWrite/36 language dictionaries to be installed on the system.

J1 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
Member Definition			
3.0	1. Member name: SYSCNFIG	Workbook	5
	2. Library name: #CNFIGLIB		5
Member Configuration			
6.0	1. Describe the configuration member (up to 60 characters): SYSTEM CONFIGURATION	Workbook	5
	2. Main storage size 128-1024		5
	3. Disk storage size 30-800		5
Program Products			
19.0 Utilities			
	1. Data File Utility (DFU)?	+	5
	2. Work Station Utility (WSU)?	+	5
	3. Source Entry Utility (SEU)?	+	5
	4. Source formats for SEU?	+	5
	5. Screen Design Aid (SDA)?	+	5
	6. PC Support/36?	—	5
19.1 Languages			
	1. RPG II?	+	5
	2. COBOL?	—	5
	3. BASIC?	—	5
	4. BASIC help facility?	—	5
	5. FORTRAN?	—	5
	6. Assembler?	—	5
19.2 OFFICE/36			
	1. DisplayWrite/36 (DW/36)?	+	5
	2. Personal Services/36 (PS/36)?	+	5
	3. Query/36?	—	5
19.3 Online Information?			
	1. Online information for DW/36?	+	5
	2. Online information for PS/36?	+	5
	3. Online information for Query/36?	—	5
19.4 DW/36 Language Dictionaries			
	1. Feature 6038 - English?	+	5
	2. Feature 6039 - French?	—	5
	3. Feature 6040 - French - Canada?	—	5
	4. Feature 6041 - Spanish?	—	5
	5. Feature 6042 - Italian?	—	5
	6. Feature 6043 - Danish?	—	5
SSP Features			
21.0 Extended SSP (Feature 6000)			
	1. Base extended SSP support?	+	5
	2. Tape support?	—	5

S9022020-1

b. Press the Enter key.

Step 2-31 To complete display 21.0:

```

21.0          CNFIGSSP - FEATURES OF THE SSP          SYSCNFIG          W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

      FEATURE 6000 ----- EXTENDED SSP

1. Base extended SSP support . . . . . +
2. Tape support . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu          Cmd19-Cancel
  
```

S9022050-2

- a. From Form J1, type in a plus sign (+) for the SSP features to be installed on the system.

J1 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
Member Definition			
3.0	1. Member name: SYSCNFIG	Workbook	5
	2. Library name: #CNFGLIB		5
Member Configuration			
6.0	1. Describe the configuration member (up to 60 characters): SYSTEM CONFIGURATION	Workbook	5
	2. Main storage size: 128-1024		5
	3. Disk storage size: 30-800		5
Program Products			
19.0 Utilities		Workbook	
	1. Data File Utility (DFU)?	+	5
	2. Work Station Utility (WSU)?	—	5
	3. Source Entry Utility (SEU)?	+	5
	4. Source formats for SEU?	+	5
	5. Screen Design Aid (SDA)?	+	5
	6. PC Support/36?	—	5
19.1 Languages		Workbook	
	1. RPG II?	+	5
	2. COBOL?	—	5
	3. BASIC?	—	5
	4. BASIC help facility?	—	5
	5. FORTRAN?	—	5
	6. Assembler?	—	5
19.2 OFFICE/36		Workbook	
	1. DisplayWrite/36 (DW/36)?	+	5
	2. Personal Services/36 (PS/36)?	+	5
	3. Query/36?	—	5
19.3 Online Information?		Workbook	
	1. Online information for DW/36?	+	5
	2. Online information for PS/36?	+	5
	3. Online information for Query/36?	—	5
19.4 DW/36 Language Dictionaries		Workbook	
	1. Feature 6038 - English?	+	5
	2. Feature 6039 - French?	—	5
	3. Feature 6040 - French - Canada?	—	5
	4. Feature 6041 - Spanish?	—	5
	5. Feature 6042 - Italian?	—	5
	6. Feature 6043 - Danish?	—	5
SSP Features			
21.0 Extended SSP (Feature 6000)		Workbook	
	1. Base extended SSP support?	+	5
	2. Tape support?	—	5

S9022020-1

- b. Press the Enter key.

Step 2-32: To complete display 21.1:

```
21.1          CNFIGSSP - FEATURES OF THE SSP          SYSCNFIG          W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

          FEATURE 6001 ----- COMMUNICATIONS

1. Base communications support . . . . . +
2. X.25 support . . . . .
3. Extended communications support . . . . .


* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu          Cmd19-Cancel
```

S9022051-2

- a. If there are plus signs (+) in this section on Form J2, type in a plus sign (+) for the SSP features to be installed on the system.

If you do not select prompt 3 (*Extended communications support*), press the Enter key and go to **Step 2-41**.

J2 System Configuration Planning Form <small>Workbooks 4 and 5</small>			<small>Customer Name</small> <i>MIDWEST MFG.</i> <small>Customer Number</small> <i>467270-36</i>
SSP Features (continued)			
21.1 Communications (Feature 6001) 1. Base communications support? 2. X.25 support? 3. Extended communications support?		Workbook + 4 — 4 — 4	
21.2 SSP-ICF (Feature 6002)? 1. Base SSP-ICF support? 2. Upline SSP-ICF support? 3. Finance SSP-ICF support?		Workbook + 4 — 4 — 4	
21.3 3270 Device Emulation (Feature 6003) 1. BSC 3270 support? 2. SNA 3270 support?		Workbook — 4 — 4	
21.4 BSC 3270 Emulation Select the 3270 I/O interface code to be used by the remote host.		Workbook — 4	
01-Austrian/German	06-Finnish/Swedish	12-Spanish	
02-Belgian	07-French	13-Spanish-Speaking	
03-Brazilian	08-Italian	14-English (United Kingdom)	
04-French (Canada)	10-Japanese (Katakana)	15-English (United States)	
05-Danish/Norwegian	11-Portuguese		
21.5 BSC 3270 Emulation Select the 5250 character set to be used by this system.		Workbook — 4	
01-Austrian/German	06-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.6 SNA 3270 Emulation Select the 3270 I/O interface code to be used by the remote host.		Workbook — 4	
01-Austrian/German	06-Danish/Norwegian	10-French	16-Spanish (Alternate)
02-Austrian/German (Alternate)	07-Danish/Norwegian (Alternate)	11-Italian	17-Spanish-Speaking
03-Belgian	08-Finnish/Swedish	12-Japanese (English)	18-English (United Kingdom)
04-Brazilian	09-Finnish/Swedish	13-Japanese (Katakana)	19-English (United States)
05-French (Canada)	(Alternate)	14-Portuguese	
		15-Spanish	

EXAMPLE

S9022052-0

b. Press the Enter key.

Step 2-33: To complete display 21.2:

```

21.2          CNFIGSSP - FEATURES OF THE SSP          SYSCNFIG          W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

          FEATURE 6002 ----- SSP-ICF

1. Base SSP-ICF support . . . . . +
2. Upline SSP-ICF support . . . . .
3. Finance SSP-ICF support . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
of the master configuration record

Cmd3-Previous menu          Cmd19-Cancel
  
```

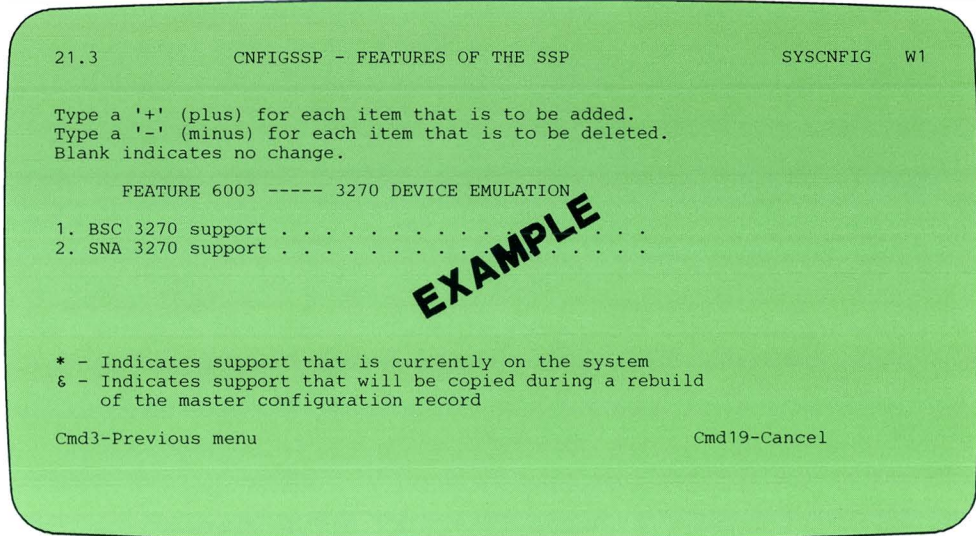
S9022053-3

a. From Form J2, type in a plus sign (+) for the SSP features to be installed on the system.

J2 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
SSP Features (continued)			
21.1 Communications (Feature 6001)		Workbook	
1. Base communications support?		+	4
2. X.25 support?		---	4
3. Extended communications support?		---	4
21.2 SSP-ICF (Feature 6002)?		Workbook	
1. Base SSP-ICF support?		+	4
2. Upline SSP-ICF support?		---	4
3. Finance SSP-ICF support?		---	4
21.3 3270 Device Emulation (Feature 6003)		Workbook	
1. BSC 3270 support?		---	4
2. SNA 3270 support?		---	4
21.4 BSC 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.			4
01-Austrian/German	06-Finnish/Swedish	12-Spanish	
02-Belgian	07-French	13-Spanish-Speaking	
03-Brazilian	08-Italian	14-English (United Kingdom)	
04-French (Canada)	10-Japanese (Katakana)	15-English (United States)	
05-Danish/Norwegian	11-Portuguese		
21.5 BSC 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system.			4
01-Austrian/German	06-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.6 SNA 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.			4
01-Austrian/German	06-Danish/Norwegian	10-French	16-Spanish (Alternate)
02-Austrian/German (Alternate)	07-Danish/Norwegian (Alternate)	11-Italian	17-Spanish-Speaking
03-Belgian	08-Finnish/Swedish	12-Japanese (English)	18-English (United Kingdom)
04-Brazilian	09-Finnish/Swedish (Alternate)	13-Japanese (Katakana)	19-English (United States)
05-French (Canada)	(Alternate)	14-Portuguese	
		15-Spanish	

b. Press the Enter key.

Step 2-34: To complete display 21.3:



S9022054-1

a. From Form J2, type in a plus sign (+) for the SSP features to be installed on the system. If you select BSC 3270 support, go to Step 2-35. If you select SNA 3270 support, go to Step 2-37.

J2 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
SSP Features (continued)			
21.1 Communications (Feature 6001)		Workbook	
1. Base communications support?		+	4
2. X.25 support?		—	4
3. Extended communications support?		—	4
21.2 SSP-ICF (Feature 6002)?		Workbook	
1. Base SSP-ICF support?		+	4
2. Upline SSP-ICF support?		—	4
3. Finance SSP-ICF support?		—	4
21.3 3270 Device Emulation (Feature 6003)		Workbook	
1. BSC 3270 support?		—	4
2. SNA 3270 support?		—	4
21.4 BSC 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.		— 4	
01-Austrian/German	06-Finnish/Swedish	12-Spanish	
02-Belgian	07-French	13-Spanish-Speaking	
03-Brazilian	08-Italian	14-English (United Kingdom)	
04-French (Canada)	10-Japanese (Katakana)	15-English (United States)	
05-Danish/Norwegian	11-Portuguese		
21.5 BSC 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system.		— 4	
01-Austrian/German	06-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.6 SNA 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.		— 4	
01-Austrian/German	06-Danish/Norwegian	10-French	16-Spanish (Alternate)
02-Austrian/German (Alternate)	07-Danish/Norwegian (Alternate)	11-Italian	17-Spanish-Speaking
03-Belgian	08-Finnish/Swedish	12-Japanese (English)	18-English (United Kingdom)
04-Brazilian	09-Finnish/Swedish	13-Japanese (Katakana)	19-English (United States)
05-French (Canada)	(Alternate)	14-Portuguese	
		15-Spanish	

S9022052-0

b. Press the Enter key.

Step 2-35: To complete display 21.4:

```

21.4          CNFIGSSP - BSC 3270 EMULATION          SYSCNFIG          W1

Select the 3270 I/O interface code
used by the remote host . . . . .

01 - Austrian/German          08 - Italian
02 - Belgian                 10 - Japanese (Katakana)
03 - Brazilian               11 - Portuguese
04 - French (Canada)        12 - Spanish
05 - Danish/Norwegian       13 - Spanish-speaking
06 - Finnish/Swedish        14 - English (UK)
07 - French                  15 - English (US)

Cmd3-Previous menu          Cmd19-Cancel
  
```

S9022055-2

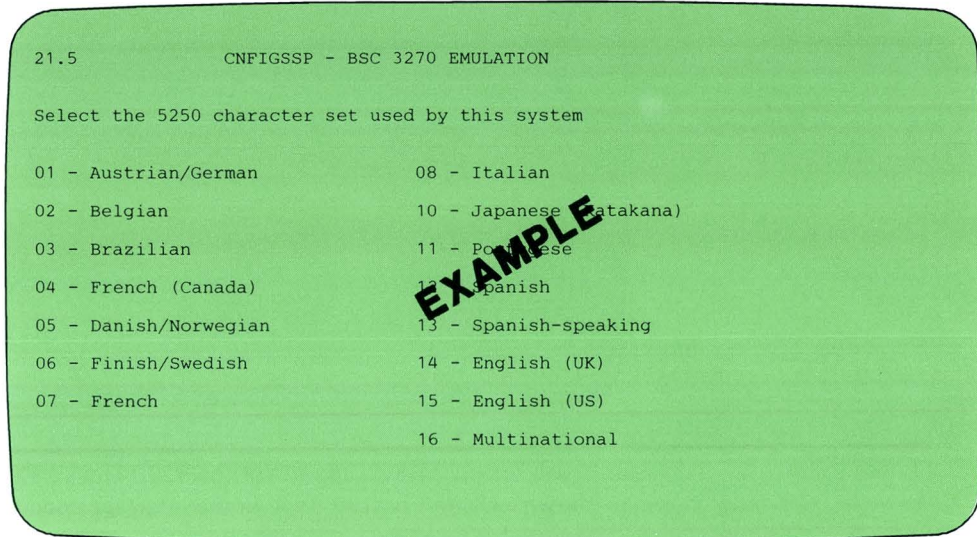
a. If you selected BSC support for the 3270 Device Emulation, display 21.4 is shown. Using Form J2, type in the interface code that will be used by the remote host system.

J2 System Configuration Planning Form		Customer Name <u>MIDWEST MFG.</u>	
Workbooks 4 and 5		Customer Number <u>467270-36</u>	
SSP Features (continued)			
21.1 Communications (Feature 6001)		Workbook	
1. Base communications support?		+ 4	
2. X 25 support?		— 4	
3. Extended communications support?		— 4	
21.2 SSP-ICF (Feature 6002)?		Workbook	
1. Base SSP-ICF support?		+ 4	
2. Upline SSP-ICF support?		— 4	
3. Finance SSP-ICF support?		— 4	
21.3 3270 Device Emulation (Feature 6003)		Workbook	
1. BSC 3270 support?		— 4	
2. SNA 3270 support?		— 4	
21.4 BSC 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host			
01-Austrian/German	06-Finnish/Swedish	12-Spanish	
02-Belgian	07-French	13-Spanish-Speaking	
03-Brazilian	08-Italian	14-English (United Kingdom)	
04-French (Canada)	10-Japanese (Katakana)	15-English (United States)	
05-Danish/Norwegian	11-Portuguese		
21.5 BSC 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system.			
01-Austrian/German	06-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.6 SNA 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.			
01-Austrian/German	06-Danish/Norwegian	10-French	16-Spanish (Alternate)
02-Austrian/German (Alternate)	07-Danish/Norwegian (Alternate)	11-Italian	17-Spanish-Speaking
03-Belgian	08-Finnish/Swedish	12-Japanese (English)	18-English (United Kingdom)
04-Brazilian	09-Finnish/Swedish (Alternate)	13-Japanese (Katakana)	19-English (United States)
05-French (Canada)		14-Portuguese	
		15-Spanish	

b. Press the Enter key.

Step 2-36: To complete display 21.5:

Note: Not all the options on this sample display are shown on your display. The options that are shown depend on the interface code that you selected on the previous display.



S9022056-0

a. From Form J2, type in the number of the character set that will be used by the system.

J2 System Configuration Planning Form		Customer Name	MIDWEST MFG.
Workbooks 4 and 5		Customer Number	467270-36
SSP Features (continued)			
21.1 Communications (Feature 6001)		Workbook	
1. Base communications support?		+ 4	
2. X.25 support?		— 4	
3. Extended communications support?		— 4	
21.2 SSP-ICF (Feature 6002)?		Workbook	
1. Base SSP-ICF support?		+ 4	
2. Upline SSP-ICF support?		— 4	
3. Finance SSP-ICF support?		— 4	
21.3 3270 Device Emulation (Feature 6003)		Workbook	
1. BSC 3270 support?		— 4	
2. SNA 3270 support?		— 4	
21.4 BSC 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.			
01-Austrian/German	06-Finnish/Swedish	12-Spanish	
02-Belgian	07-French	13-Spanish-Speaking	
03-Brazilian	08-Italian	14-English (United Kingdom)	
04-French (Canada)	10-Japanese (Katakana)	15-English (United States)	
05-Danish/Norwegian	11-Portuguese		
21.5 BSC 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system			
01 Austrian/German	06 Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.6 SNA 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.			
01-Austrian/German	06-Danish/Norwegian	10-French	16-Spanish (Alternate)
02-Austrian/German (Alternate)	07-Danish/Norwegian (Alternate)	11-Italian	17-Spanish-Speaking
03-Belgian	08-Finnish/Swedish	12-Japanese (English)	18-English (United Kingdom)
04-Brazilian	09-Finnish/Swedish	13-Japanese (Katakana)	19-English (United States)
05-French (Canada)	(Alternate)	14-Portuguese	
		15-Spanish	

S9022052-0

b. Press the Enter key.

Step 2-37: To complete display 21.6:

If you did not select the SNA 3270 Device Emulation feature, go to **Step 2-39**.

If you selected the SNA 3270 Device Emulation feature, the following display is shown:

```

21.6                               CNFIGSSP - SNA 3270 EMULATION           SYSCNFIG           W1

Select the 3270 I/O interface code
used by the remote host . . . . .

01 - Austrian/German                11 - Italian
02 - Austrian/German (Alternate)    12 - Japanese (English)
03 - Belgian                       13 - Japanese (Katakana)
04 - Brazilian                     14 - Portuguese
05 - French (Canada)              15 - Spanish
06 - Danish/Norwegian             16 - Spanish (Alternate)
07 - Danish/Norwegian (Alternate) 17 - Spanish-Speaking
08 - Finnish/Swedish              18 - English (UK)
09 - Finnish/Swedish (Alternate)  19 - English (US)
10 - French

Cmd3-Previous menu           Cmd19-Cancel
  
```

S9022057-0

a. From Form J2, type in the number of the interface code that will be used by the remote system.

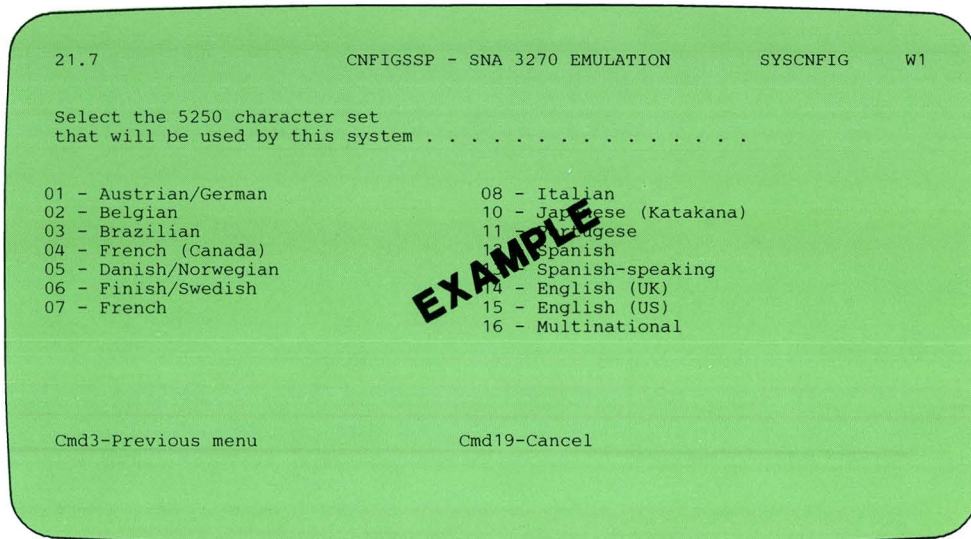
J2 System Configuration Planning Form		Customer Name <u>MIDWEST MFG.</u>	
Workbooks 4 and 5		Customer Number <u>467270-36</u>	
SSP Features (continued)			
21.1 Communications (Feature 6001)		Workbook	
1. Base communications support?		+	4
2. X.25 support?		---	4
3. Extended communications support?		---	4
21.2 SSP-ICF (Feature 6002)?		Workbook	
1. Base SSP-ICF support?		+	4
2. Upline SSP-ICF support?		---	4
3. Finance SSP-ICF support?		---	4
21.3 3270 Device Emulation (Feature 6003)		Workbook	
1. BSC 3270 support?		---	4
2. SNA 3270 support?		---	4
21.4 BSC 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.		---	4
01-Austrian/German	06-Finnish/Swedish	12-Spanish	
02-Belgian	07-French	13-Spanish-Speaking	
03-Brazilian	08-Italian	14-English (United Kingdom)	
04-French (Canada)	10-Japanese (Katakana)	15-English (United States)	
05-Danish/Norwegian	11-Portuguese		
21.5 BSC 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system.		---	4
01-Austrian/German	06-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.6 SNA 3270 Emulation		Workbook	
Select the 3270 I/O interface code to be used by the remote host.		---	4
01 - Austrian/German	06 - Danish/Norwegian	10 - French	16 - Spanish (Alternate)
02 - Austrian/German (Alternate)	07 - Danish/Norwegian (Alternate)	11 - Italian	17 - Spanish-Speaking
03 - Belgian	08 - Finnish/Swedish	12 - Japanese (English)	18 - English (United Kingdom)
04 - Brazilian	09 - Finnish/Swedish (Alternate)	13 - Japanese (Katakana)	19 - English (United States)
05 - French (Canada)		14 - Portuguese	
		15 - Spanish	

S9022052-0

b. Press the Enter key.

Step 2-38: To complete display 21.7:

Note: Not all the options on this sample display are shown on your display. The options that are shown depend on the interface code that you selected on the previous display.



S9022058-0

a. From Form J3, type in the number of the character set that will be used by the system.

J3 System Configuration Planning Form		Customer Name <i>MIDWEST MFG.</i>
		Customer Number <i>467270-36</i>
SSP Features (continued)		
21.7 SNA 3270 Emulation		Workbook
Select the 5250 character set to be used by this system.		___ 4
01-Austrian/German 06-Finnish/Swedish 11-Portugese 16-Multinational		
02-Belgian 07-French 12-Spanish		
03-Brazilian 08-Italian 13-Spanish-Speaking		
04-French (Canada) 09-Japanese (English) 14-English (United Kingdom)		
05-Danish/Norwegian 10-Japanese (Katakana) 15-English (United States)		
21.8 C & SM (Feature 6029)		Workbook
1. Change management support?		___ 4
2. Alert support?		___ 4
21.9 Additional Communications Features		Workbook
1. Feature 6004-MSRJE?		___ 4
2. Feature 6005-Data Encryption Subroutine?		___ 4
3. Feature 6006-Distributed Disk File Facility?		___ 4
4. Feature 6037-Distributed Data Management?		___ 4
OPTIONAL SSP SUPPORT		
20.0 Optional SSP Support		Workbook
1. Additional SSP help text?		+ 5
2. Online problem determination for tape?		+ 5
3. Online problem determination for communications?		+ 5
4. Character Generator Utility (CGU)?		___ 5
5. IGC sort?		___ 5
20.1 Optional SSP Support		Workbook
1. Support for viewing online information?		+ 5
2. Support for printing online information?		+ 5
3. Interactive data definition utility (IDDU)?		___ 5
4. Online information for IDDU?		___ 5

S9022059-0

b. Press the Enter key.

Step 2-39: To complete display 21.8:

```

21.8                CNFIGSSP - FEATUES OF THE SSP                SYSCNFIG  W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

                FEATURE 6029 . . . . . C & SM

1.  Change management support . . . . .
2.  Alert support . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu          Cmd19-Cancel
  
```

S9022060-1

a. From Form J3, type in a plus sign (+) for the SSP features to be installed on the system.

J3 System Configuration Planning Form		Customer Name	MIDWEST MFG.
		Customer Number	467270-36
SSP Features (continued)			
21.7 SNA 3270 Emulation	Workbook		
Select the 5250 character set to be used by this system.	—	4	
01-Austrian/German 06-Finnish/Swedish 11-Portuguese 16-Multinational			
02-Belgian 07-French 12-Spanish			
03-Brazilian 08-Italian 13-Spanish-Speaking			
04-French (Canada) 09-Japanese (English) 14-English (United Kingdom)			
05-Danish/Norwegian 10-Japanese (Katakana) 15-English (United States)			
21.8 C & SM (Feature 6029)	Workbook		
1. Change management support?	—	4	
2. Alert support?	—	4	
21.9 Additional Communications Features	Workbook		
1. Feature 6004-MSRJE?	—	4	
2. Feature 6005-Data Encryption Subroutine?	—	4	
3. Feature 6006-Distributed Disk File Facility?	—	4	
4. Feature 6037-Distributed Data Management?	—	4	
OPTIONAL SSP SUPPORT			
20.0 Optional SSP Support	Workbook		
1. Additional SSP help text?	+	5	
2. Online problem determination for tape?	—	5	
3. Online problem determination for communications?	+	5	
4. Character Generator Utility (CGU)?	—	5	
5. IGC sort?	—	5	
20.1 Optional SSP Support	Workbook		
1. Support for viewing online information?	+	5	
2. Support for printing online information?	+	5	
3. Interactive data definition utility (IDDU)?	—	5	
4. Online information for IDDU?	—	5	

S9022059-0

b. Press the Enter key.

Step 2-40: To complete display 21.9:

```

21.9                CNFIGSSP - FEATURES of the SSP                SYSCNFIG  W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. Feature 6004 - MSRJE . . . . .
2. Feature 6005 -
   Data encryption subroutine . . . . .
3. Feature 6006 -
   Distributed disk file facility . . . . .
4. Feature 6037 -
   Distributed data management . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu      Cmd19-Cancel
  
```

S9022061-2

a. From Form J3, type in a plus sign (+) for the SSP features to be installed on the system.

J3 System Configuration Planning Form		Customer Name	MIDWEST MFG.
		Customer Number	467270-36
SSP Features (continued)			
21.7 SNA 3270 Emulation	Workbook		
Select the 5250 character set to be used by this system.	---	4	
01-Austrian/German 06-Finnish/Swedish 11-Portuguese 16-Multinational			
02-Belgian 07-French 12-Spanish			
03-Brazilian 08-Italian 13-Spanish-Speaking			
04-French (Canada) 09-Japanese (English) 14-English (United Kingdom)			
05-Danish/Norwegian 10-Japanese (Katakana) 15-English (United States)			
21.8 C & SM (Feature 6029)	Workbook		
1. Change management support?	---	4	
2. Alert support?	---	4	
21.9 Additional Communications Features	Workbook		
1. Feature 6004-MSRJE?	---	4	
2. Feature 6005-Data Encryption Subroutine?	---	4	
3. Feature 6006-Distributed Disk File Facility?	---	4	
4. Feature 6037-Distributed Data Management?	---	4	
OPTIONAL SSP SUPPORT			
20.0 Optional SSP Support	Workbook		
1. Additional SSP help text?	+	5	
2. Online problem determination for tape?	+	5	
3. Online problem determination for communications?	+	5	
4. Character Generator Utility (CGU)?	---	5	
5. IGC sort?	---	5	
20.1 Optional SSP Support	Workbook		
1. Support for viewing online information?	+	5	
2. Support for printing online information?	+	5	
3. Interactive data definition utility (IDDU)?	---	5	
4. Online information for IDDU?	---	5	

S9022059-0

b. Press the Enter key.

Step 2-41: To complete display 20.0:

(If you are configuring an ideographic system, refer to **Step 2-41** in Appendix C.)

```
20.0                      CNFIGSSP - OPTIONAL SSP SUPPORT                      SYSCNFIG  W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. Additional SSP help text . . . . . +
2. Online problem determination support
   for tape . . . . .
3. Online problem determination support
   for communications . . . . . +

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu      Cmd19-Cancel
```

S9022062-1

a. From Form J3, type in a plus sign (+) for the optional support that is to be installed on the system.

Notes:

- 1. If you did not select Tape support (item 2) on display 21.0, item 2 will not be displayed. Similarly, if you did not select the Base Communications support on the Communications feature (item 1) on display 21.1, item 3 will not be displayed. If you selected either of these features, however, the system will automatically place a plus sign (+) next to those items on this display. You can blank out these plus signs now if you do not want to install online problem determination.*
- 2. Approximately 402 blocks of base support for online problem determination are installed automatically during system configuration.*

J3 System Configuration Planning Form		Customer Name	MIDWEST MFG.
		Customer Number	467270-36
SSP Features (continued)			
21.7 SNA 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system.		___ 4	
01-Austrian/German	06-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.8 C & SM (Feature 6029)		Workbook	
1. Change management support?		___ 4	
2. Alert support?		___ 4	
21.9 Additional Communications Features		Workbook	
1. Feature 6004-MSRJE?		___ 4	
2. Feature 6005-Data Encryption Subroutine?		___ 4	
3. Feature 6006-Distributed Disk File Facility?		___ 4	
4. Feature 6037-Distributed Data Management?		___ 4	
OPTIONAL SSP SUPPORT			
20.0 Optional SSP Support		Workbook	
1. Additional SSP help text?		+ 5	
2. Online problem determination for tape?		+ 5	
3. Online problem determination for communications?		+ 5	
4. Character Generator Utility (CGU)?		___ 5	
5. IGC sort?		___ 5	
20.1 Optional SSP Support		Workbook	
1. Support for viewing online information?		+ 5	
2. Support for printing online information?		+ 5	
3. Interactive data definition utility (IDDU)?		___ 5	
4. Online information for IDDU?		___ 5	
S9022059-0			

EXAMPLE

b. Press the Enter key.

Step 2-42: To complete display 20.1:

```
20.1                CNFIGSSP - OPTIONAL SSP SUPPORT                SYSCNFIG  W1

Type a '+' (plus) for each item that is to be added.
Type a '-' (minus) for each item that is to be deleted.
Blank indicates no change.

1. Support for viewing
   online information . . . . . +
2. Support for printing
   online information . . . . . +
3. Interactive data definition
   utility (IDDU) . . . . .
4. Online information for IDDU . . . . .

* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record

Cmd3-Previous menu      Cmd19-Cancel
```

S9022063-5

- a. From Form J3, type in a plus sign (+) for the optional support. If you entered a plus (+) for DisplayWrite/36 or any online information, items 1 and 2 will automatically be loaded. Also, if you entered a plus sign (+) for Query/36 or for PC Support/36, IDDU is automatically loaded. You must enter a plus sign (+) for IDDU support if you want online information for IDDU.

J3 System Configuration Planning Form		Customer Name	MIDWEST MFG.
		Customer Number	467270-36
SSP Features (continued)			
21.7 SNA 3270 Emulation		Workbook	
Select the 5250 character set to be used by this system.			
01-Austrian/German	05-Finnish/Swedish	11-Portuguese	16-Multinational
02-Belgian	07-French	12-Spanish	
03-Brazilian	08-Italian	13-Spanish-Speaking	
04-French (Canada)	09-Japanese (English)	14-English (United Kingdom)	
05-Danish/Norwegian	10-Japanese (Katakana)	15-English (United States)	
21.8 C & SM (Feature 6029)		Workbook	
1. Change management support?			
2. Alert support?			
21.9 Additional Communications Features		Workbook	
1. Feature 6004-MSRJE?			
2. Feature 6005-Data Encryption Subroutine?			
3. Feature 6006-Distributed Disk File Facility?			
4. Feature 6037-Distributed Data Management?			
OPTIONAL SSP SUPPORT			
20.0 Optional SSP Support		Workbook	
1. Additional SSP help text?			
2. Online problem determination for tape?			
3. Online problem determination for communications?			
4. Character Generator Utility (CGU)?			
5. IGC sort?			
20.1 Optional SSP Support		Workbook	
1. Support for viewing online information?			
2. Support for printing online information?			
3. Interactive data definition utility (IDDU)?			
4. Online information for IDDU?			

EXAMPLE

b. Press the Enter key.

c. This completes the steps for telling the system about your program products, optional SSP, or SSP features.

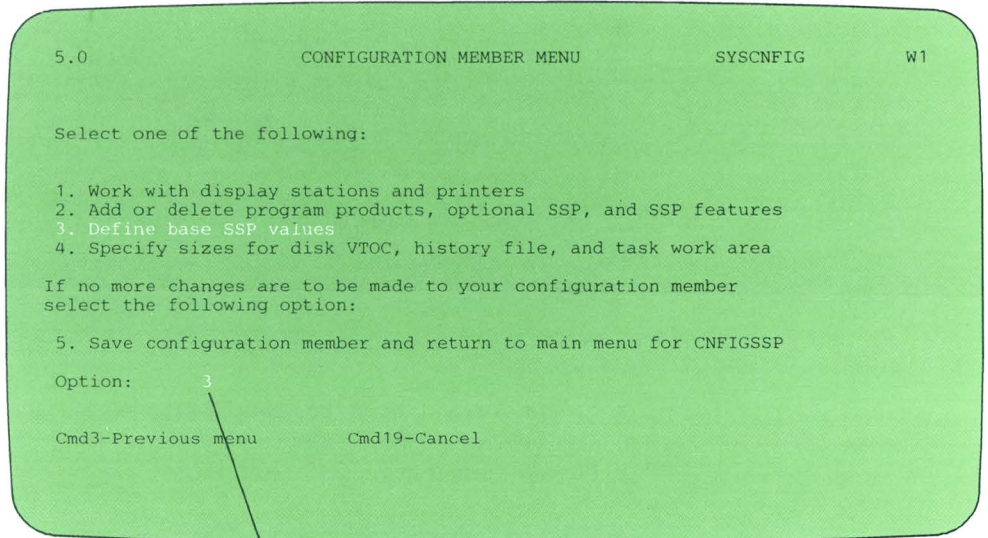
If Form K is filled out, go to **Step 2-43** to start the steps for changing base SSP values.

If Form K is not filled out, you will use the system-supplied default values. Go to **Step 2-47**.

Changing Base SSP Values

Steps 2-43 through 2-46 are not required if you want to use the system-supplied default values.

Step 2-43: Enter option 3 (*Define base SSP values*) on display 5.0.



S9022064-1

Type in a 3 and press the Enter key.

Step 2-44: To complete display 15.0:

```

15.0          CNFIGSSP - BASE SSP I          SYSCNFIG  W1

1. Date format. . . . . 1-DDMMYY,2-MMDDYY,3-YYMMDD  2
2. Do you want job queue support active? . . . . .Y,N  Y
3. Specify job queue size in number of jobs . . . . .020-120  040
4. Automatically start job queue after IPL? . . . . .Y,N  Y
5. Automatically save the history file . . . . .Y,N  Y
6. Keep messages at end of job? . . . . .Y,N  N
7. Do you want date differentiated files? . . . . .Y,N  N
8. Do you want print spooling active? . . . . .Y,N  Y

Cmd3-Previous menu      Cmd19-Cancel
  
```

S9022065-0

- From Form K, type in the changed values on the display.
- Press the Enter key.
- If N was specified for prompt 8 (*Do you want print spooling active?*), go to **Step 2-46**. If Y was specified, go to **Step 2-45**.

K Base SSP Planning Form		Customer Name	MIDWEST MFG.
Workbook 5		Customer Number	467270-36
15.0 Base SSP I		Default Value	Changed Value
1. Date format:	(1 - DDMMYY 2 - MMDDYY 3 - YYMMDD)	MMDDYY	<u>2</u>
2. Do you want job queue support active?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
3. Specify job queue size in number of jobs:	(020-120 jobs)	(see Note)	<u>040</u>
4. Automatically start job queue after IPL?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
5. Automatically save the history file?	(Y - Yes N - No)	N (NO)	<u>Y</u>
6. Keep messages at end of job?	(Y - Yes N - No)	Y (YES)	<u>N</u>
7. Do you want date differentiated files?	(Y - Yes N - No)	Y (YES)	<u>N</u>
8. Do you want print spooling active?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
16.0 Base SSP II		Default Value	Changed Value
1. Automatically start spool writer program following IPL?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
2. Specify the size of the spool file in blocks:	(00012-12800 blocks)	(see Note)	<u>00300</u>
3. Specify the size of the spool segments in blocks:	(01-16 blocks)	10	<u>10</u>
4. Which disk should contain the spool file?	(1 - A1 2 - A2 3 - A3 4 - A4)	(see Note)	<u>1</u>
17.0 Base SSP III		Default Value	Changed Value
1. Default forms ID:	(up to 4 characters)	0001	<u>0001</u>
2. Specify how many lines you want printed per page:	(001-112 lines)	066	<u>066</u>
3. Default library name:	(up to 8 characters)	Blank	<u></u>

Note: Default values for these items depend on the size of the main storage and disk for your computer.

S9022066-0

Step 2-45: To complete display 16.0:

```

16.0          CNFIGSSP - BASE SSP II          SYSCNFIG  W1

1. Automatically start spool writer
   program following IPL? . . . . . Y,N    Y

2. Specify size of spool
   file in blocks . . . . . 00012-12800    00300

3. Specify size of spool
   segments in blocks . . . . . .01-16    10

4. On which disk would you prefer
   the spool file? . . . . . 1-A1, 2-A2, 3-A3, 4-A4    1

Cmd3-Previous menu      Cmd19-Cancel
  
```

S9022067-0

a. From Form K, type the changed values on the display.

K Base SSP Planning Form		Customer Name	MIDWEST MFG.
Workbook 5		Customer Number	467270-36
15.0 Base SSP I		Default Value	Changed Value
1. Date format:	(1 - DDDMMYY 2 - MMDDYY 3 - YYMMDD)	MMDDYY	<u>2</u>
2. Do you want job queue support active?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
3. Specify job queue size in number of jobs:	(020-120 jobs)	(see Note)	<u>040</u>
4. Automatically start job queue after IPL?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
5. Automatically save the history file?	(Y - Yes N - No)	N (NO)	<u>Y</u>
6. Keep messages at end of job?	(Y - Yes N - No)	Y (YES)	<u>N</u>
7. Do you want date differentiated files?	(Y - Yes N - No)	Y (YES)	<u>N</u>
8. Do you want print spooling active?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
16.0 Base SSP II		Default Value	Changed Value
1. Automatically start spool writer program following IPL?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
2. Specify the size of the spool file in blocks	(00012-12800 blocks)	(see Note)	<u>00300</u>
3. Specify the size of the spool segments in blocks:	(01-16 blocks)	10	<u>10</u>
4. Which disk should contain the spool file?	(1 - A1 2 - A2 3 - A3 4 - A4)	(see Note)	<u>1</u>
17.0 Base SSP III		Default Value	Changed Value
1. Default forms ID:	(up to 4 characters)	0001	<u>0001</u>
2. Specify how many lines you want printed per page:	(001-112 lines)	066	<u>066</u>
3. Default library name:	(up to 8 characters)	Blank	<u> </u>

Note: Default values for these items depend on the size of the main storage and disk for your computer.

S9022066-0

b. Press the Enter key.

Step 2-46: To complete display 17.0:

```

17.0          CNFIGSSP - BASE SSP III          SYSCNFIG  W1

1. Default forms ID . . . . . 0001
2. Specify how many lines you want
   printed per page . . . . . 001-112  066
3. Default library name . . . . .

                               EXAMPLE

Cmd3-Previous menu      Cmd19-Cancel
  
```

S9022068-0

a. From Form K, type the changed values on the display.

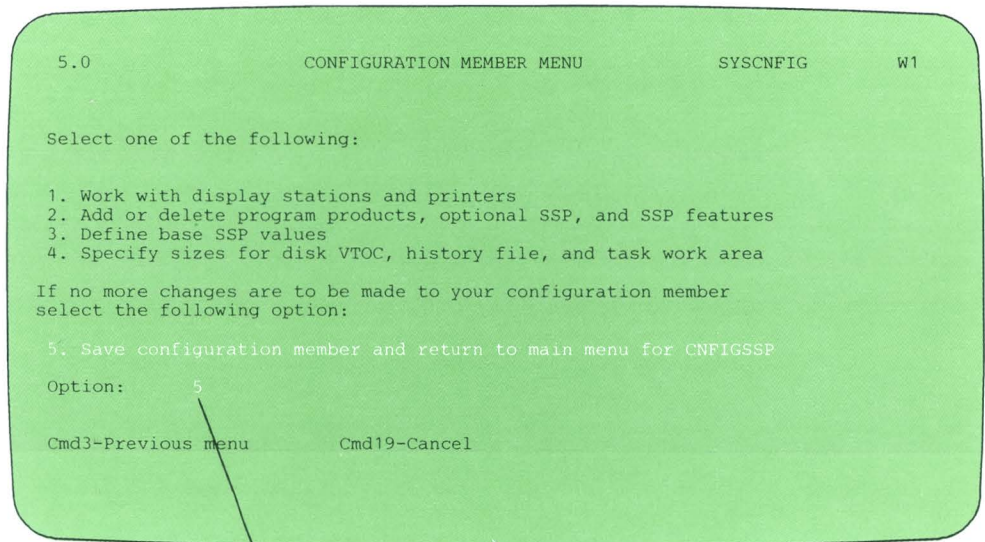
K Base SSP Planning Form		Customer Name	MIDWEST MFG.
Workbook 5		Customer Number	467270-36
15.0 Base SSP I		Default Value	Changed Value
1. Date format:	(1 - DDDMMYY 2 - MMDDYY 3 - YYMMDD)	MMDDYY	<u>2</u>
2. Do you want job queue support active?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
3. Specify job queue size in number of jobs:	(020-120 jobs)	(see Note)	<u>040</u>
4. Automatically start job queue after IPL?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
5. Automatically save the history file?	(Y - Yes N - No)	N (NO)	<u>Y</u>
6. Keep messages at end of job?	(Y - Yes N - No)	Y (YES)	<u>N</u>
7. Do you want date differentiated files?	(Y - Yes N - No)	Y (YES)	<u>N</u>
8. Do you want print spooling active?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
16.0 Base SSP II		Default Value	Changed Value
1. Automatically start spool writer program following IPL?	(Y - Yes N - No)	Y (YES)	<u>Y</u>
2. Specify the size of the spool file in blocks:	(00012-12800 blocks)	(see Note)	<u>00300</u>
3. Specify the size of the spool segments in blocks:	(01-16 blocks)	10	<u>10</u>
4. Which disk should contain the spool file?	(1 - A1 2 - A2 3 - A3 4 - A4)	(see Note)	<u>1</u>
17.0 Base SSP III		Default Value	Changed Value
1. Default forms ID:	(up to 4 characters)	0001	<u>0001</u>
2. Specify how many lines you want printed per page:	(001-112 lines)	066	<u>066</u>
3. Default library name:	(up to 8 characters)	Blank	<u> </u>

Note: Default values for these items depend on the size of the main storage and disk for your computer.

S9022066-0

b. Press the Enter key to return to display 5.0.

Step 2-47: Enter option 5 (*Save configuration member and return to main menu for CNFIGSSP*) on display 5.0.



Type in a 5 and press the Enter key.

S9022069-0

Option 4 (*Specify sizes for disk VTOC, history file, and task work area*) is not explained in this manual because the system specified automatically the values for these system areas during Task 1. If you want to change these default values, refer to the manual *Changing Your System Configuration*, SC21-9052, after you have completed system configuration.

THIS COMPLETES TASK 2; you now have a configuration member tailored to fit your needs.

(If you are using another System/36 to build your configuration member, refer to **Step 2-47** in Appendix B.)

In the next task (Task 3) in the system configuration process, you copy the configuration member you just created to the master configuration record.

Go to "Task 3. Copying to the Master Configuration Record."

Task 3. Copying to the Master Configuration Record

Step 3-1: Enter option 13 (*Rebuild the master configuration record*) on display 1.0.

(You will also use option 13 when you update the master configuration record to the next release of the SSP.)

```
1.0          CNFIGSSP - MAIN MENU          W1
Select one of the following:
  1. How to use CNFIGSSP
  2. Create, change, or delete a configuration member
  3. Review a configuration
  4. Print a configuration
10. Configuration support aids
12. Apply change to the master configuration record
13. Rebuild the master configuration record (update
    to next release)
14. End CNFIGSSP
Option:      13
Cmd3-Previous menu
Help text is available throughout the CNFIGSSP
procedure by pressing the help key
```

Type in a 13 and press the Enter key.

S9022070-0

Step 3-2: The following display is shown:

```
3.0                                CONFIGURATION MEMBER DEFINITION                                W1

Select one of the following for release update:
  4. Configuration member
  5. Master configuration

Option . . . . . 5

Cmd3-Previous menu
```

S9022516

- a. Select option 4 (*Configuration member*) to specify that the configuration member should be used for building the master configuration record. Press the Enter key and the following additional prompts are shown:

```
3.0                                CONFIGURATION MEMBER DEFINITION                                W1

Select one of the following for release update:
  4. Configuration member
  5. Master configuration

Option . . . . . 4
Member name. . . . . SYSCNFIG
Library name . . . . . #CNFGLIB

Cmd3-Previous menu
```

S9022071-0

- b. *Member name:* Type in the name of the configuration member you created in Task 2.
- c. *Library name:* Type in the name of the library in which the configuration member is stored.
- d. Press the Enter key. A display indicating that the CONDENSE procedure is running is shown. The display is shown until the CONDENSE procedure stops, approximately 1 minute later.

If you have a diskette magazine drive, go to **Step 3-3**. If you have a single-slot diskette drive, go to **Step 3-4**.

Step 3-3: To insert the diskette magazines:

Insert the diskettes in their proper locations in the magazine, as indicated.
If you do not have a particular diskette, leave that slot empty.

MAGAZINE 1 - SSP **A**

Location	Diskette Label Name	Volume Number
10	M1.01	01
09	M1.02	02
08	M1.03	03
07	M1.04	04
06	M1.05	05
05	M1.06	06
04	M1.07	07
03	M1.08	08
02	M1.09	09
01	M1.10	10

Insert MAGAZINE 1 in magazine location 1, then press ENTER to continue

S9022072-2

- a. Insert the SSP Magazine 1 (which you labeled in the "Getting Ready" section of this manual) in magazine slot 1. Do not remove the SSP magazine 1 from magazine slot 1 until the configuration process is complete.

You will be prompted to insert the other diskette magazines in magazine slot 2.

The display will show **A** which magazine to insert. Be sure the cover on the diskette magazine drive is closed after you insert the magazine or you will get an error message when the system tries to copy from the magazine.

- b. Press the Enter key.
- c. After all the support has been copied, you will be asked if you want a printout of this configuration. Refer to **Step 2-9**. If you specified other than a 3262 Printer as your system printer, type in a Y for yes: you can use this printout during the verification task later in this manual. If a 3262 Printer is your system printer, you can ask for a printout later, so type an N for No.

X

- d. You should be asked if you have a special PTF diskette containing the latest changes to the system programming support. If you are asked and do have this diskette, remove the diskette magazine remaining in the diskette drive, insert the PTF diskette in slot S1, and press the Enter key: the default value for this prompt is Y (yes). If you do not have this diskette, type in an N (no) and press the Enter key. A message is issued, indicating that your system configuration is complete and instructing you to perform an IPL from disk. The system automatically performs an IPL from disk when you press the Enter key again.

If you are not asked for this special PTF diskette and you do have it, refer to "Applying a Program Temporary Fix (PTF)" in the manual *Operating Your Computer*.

Go to **Step 3-5**.

Step 3-4: You will be prompted to insert diskettes to install the programming support you selected during Task 2.

For example, if you selected the data file utility (DFU) of the Utilities program product, your display might look similar to this:

```
INPUT-OUTPUT

CNFIGSSP
CNFIGSSP PROCEDURE IS RUNNING
CONDENSE Procedure is running
DFU
Diskette label and volume number are ..... 5727-UT1, 01
SYS-3725 Options (0 )
Pause--When ready, Enter 0 to continue
0
```

S9022073-3

From this display, for example, you take the following action:

- a. Insert the diskette with the diskette label of 5727-UT1 **A** and volume number 01. If this support requires more than one diskette, you are asked to insert the next diskette, volume 02.
- b. After inserting the diskette and closing the locking lever, type in a 0 **B**, and press the Enter key.

If you forget to close the locking lever, you get the following error message:

```
SYS-2813 Options (13)
Diskette drive is not ready. Intervention required . . .
```

To correct this error, simply close the locking lever, type in a 1 (to respond to the error message) and press the Enter key.

If you insert the incorrect diskette, you will get one of the following error messages:

```
SYS-1494 Options (123)
File XXXX is not on the inserted diskette . . .
SYS-1493 Options (0123)
Volume ID xxxx is not equal to PACK parm . . .
```

To correct the error, remove the incorrect diskette, insert the correct diskette, type in a 1 (to respond to the error message), and press the Enter key.

The following is an example of a diskette label from a PID diskette:

5727-SS1 is the diskette label name for all the SSP programming features for System/36.

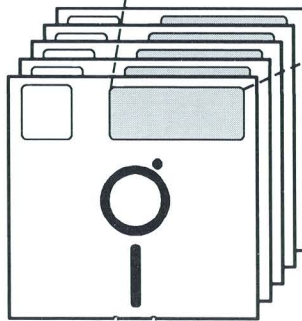
This indicates the feature number for the programming feature.

```
LICENSED MATERIAL-PROGRAM IBM PROPERTY
(c) COPYRIGHT 19XX IBM CORP.

5727-SS1      RO3 M00      FEAT 6000
S/36 EXTENDED SSP
IDENT. M2.01      VOL01 of 01

CUST# XXXXXXXX      SERIAL# XXXXXXXX
BIN# XXXX      BATCH# XXX SEQ# XXXX
CART XXX XXX      SLOT XXX MEDIA XX
```

This indicates how many diskettes there are for the programming feature.



SSP Features

S9022074-0

The following table shows the relationship of the diskette label name and feature numbers to the SSP, features of the SSP, program products, and feature of program products:

Type of Support	Diskette Label Name	Feature Number	Number of Diskettes
SSP	5727-SS1	None	14 (21 if ideographic)
Extended SSP/Tape	5727-SS1	6000	1
Communications/ X.25/Extended Communications	5727-SS1	6001	1
Base SSP-ICF, Upline SSP-ICF, and Finance SSP-ICF	5727-SS1	6002	1
BSC and SNA 3270 Device Emulation	5727-SS1	6003	1
MSRJE	5727-SS1	6004	1
Data Encryption Subroutine	5727-SS1	6005	1
Distributed Disk File Facility	5727-SS1	6006	1
Communications and Systems Management	5727-SS1	6029	1
Distributed Data Management	5727-SS1	6037	1
Utilities	5727-UT1	None	1
RPG	5727-RG1	None	1
COBOL	5727-CB1	None	1
BASIC	5727-BA1	None	1
FORTTRAN	5727-FO1	None	1
Assembler	5727-AS1	None	1
DisplayWrite/36	5727-WF1	None	3
DisplayWrite/36 Language Dictionaries:	-	-	-
English	5727-WP2	6038	2
French	5727-WP2	6039	1
French-Canada	5727-WP2	6040	1
Spanish	5727-WP2	6041	1
Italian	5727-WP2	6042	1
Danish	5727-WP2	6043	1
Personal Services/36	5727-WP3	None	5
Query/36	5727-QU1	None	3
PC Support/36	5727-WS1	None	1

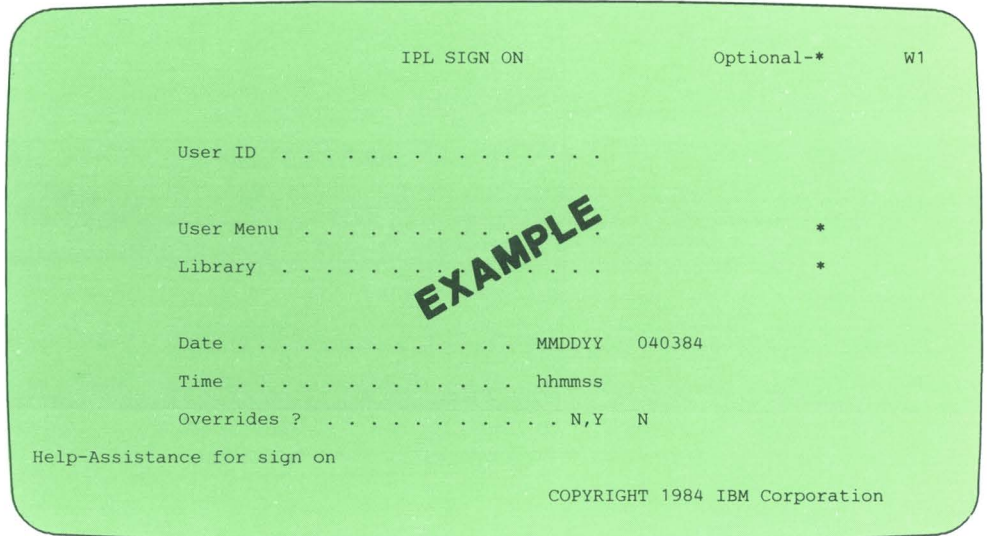
- c. After all the support has been copied, you will be asked if you want a printout of this configuration. Refer to **Step 2-9**. If you specified other than a 3262 Printer as your system printer, type in a Y for yes; you can use this printout during the verification task later in this manual. If a 3262 Printer is your system printer, you can ask for a printout later, so type in an N for no.
- d. You should be asked if you have a special PTF diskette containing the latest changes to the system programming support. If you are asked and you do have this diskette, remove the diskette magazine remaining in the diskette drive, insert the PTF diskette and press the Enter key: the default value for this prompt is Y (yes). If you do not have this diskette, type in an N (no) and press the Enter key. A message is issued, indicating that your system configuration is complete and instructing you to perform an IPL from disk. The system automatically performs an IPL from disk when you press the Enter key again.

If you are not asked for this special PTF diskette and you do have it, refer to “Applying a Program Temporary Fix (PTF)” in the manual *Operating Your Computer*, SC21-9026.

Go to **Step 3-5**.

Step 3-5: To sign on to the system:

After about 3 minutes, the following display is shown at the system console:



S9022075-0

a. Type in an X for the user ID.

(If you are configuring the ideographic version of the SSP, refer to **Step 1-7a** in Appendix C.)

Press the New Line key until the cursor is positioned on the *Date* prompt.

b. Type in today's date, using the format that you selected for item 1 on display 15.0.

c. Type in the time of day, using the 24-hour clock and the following format:

HH	MM	SS
Hours	Minutes	Seconds

For example, you would enter 8:10 AM as:

081000

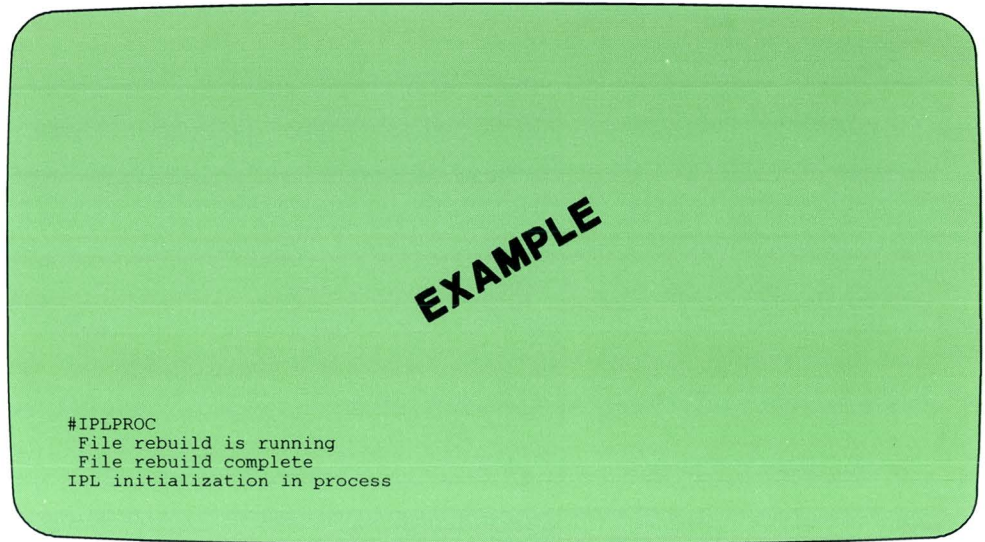
You would enter 8:10 PM as:

201000

d. Make sure an N is specified for the *Overrides ?* prompt.

e. Press the Enter key.

The following display is shown and indicates IPL is running:



S9022076-2

These informational messages are an example of what is displayed as each of these portions of IPL are being done.

The following display is shown at the system console when the IPL is complete:

```

                                MAIN                                W1
                                Main System/36 help menu

Select one of the following:

    1. Display a user menu
    2. Perform general system activities
    3. Use and control printers, diskettes, or tape
    4. Work with libraries, files, or folders
    5. Use programming languages and utilities
    6. Communicate with another system or user
    7. Define the system and its users
    8. Problem determination and service
    9. Use office products
   10. Sign off the system

Cmd3-Previous menu  Cmd7-End      Cmd12-How to use help  Home-Sign on menu
Ready for option number or command

                                (c) 1985 IBM Corp.

```

s9022517

This IPL will activate the configuration member in the master configuration record.

THIS COMPLETES TASK 3; your System/36 is now tailored to fit your needs.

To make sure that the configuration is working the way you want it to, you should verify your system. To do that verification, continue with “Task 4. Verifying Your Configuration.”

Task 4. Verifying Your Configuration

Verifying Your Local Display Stations and Printers

To verify your configuration, you need a printout of it. You already have this printout unless you had to answer no to the question that appeared on your display during step 3-3c or step 3-4c. If you already have a printout, go to **Step 4-2**.

Step 4-1: To get a printout:

- a. Enter the CNFIGSSP procedure at the system console.

```
MAIN W1
Main System/36 help menu

Select one of the following:

1. Display a user menu
2. Perform general system activities
3. Use and control printers, diskettes, or tape
4. Work with libraries, files, or folders
5. Use programming languages and utilities
6. Communicate with another system or user
7. Define the system and its users
8. Use problem determination and service
9. Use office products
10. Sign off the system

Cmd3-Previous menu  Cmd7-End  Cmd12-How to use help  Home-Sign on menu

Ready for option number or command
CNFIGSSP

(c) 1985 IBM Corp.
```

Type in CNFIGSSP and press the Enter key.

S9022077-0

b. Enter option 4 (*Print a configuration*) on display 1.0.

```
1.0          CNFIGSSP - MAIN MENU          W1
Select one of the following:
  1. How to use CNFIGSSP
  2. Create, change, or delete a configuration member
  3. Review a configuration
  4. Print a configuration
 10. Configuration support aids
 12. Apply change to the master configuration record
 13. Rebuild the master configuration record (update
    to next release)
 14. End CNFIGSSP
Option:      4
Cmd3-Previous menu
Help text is available throughout the CNFIGSSP
procedure by pressing the help key
```

Type in a 4 and press the Enter key.

S9022078-0

- c. Type in a 1 for the first prompt and a 1 for the second prompt on display 32.0.

```
32.0                      CNFIGSSP - PRINT FEATURE MENU                      W1

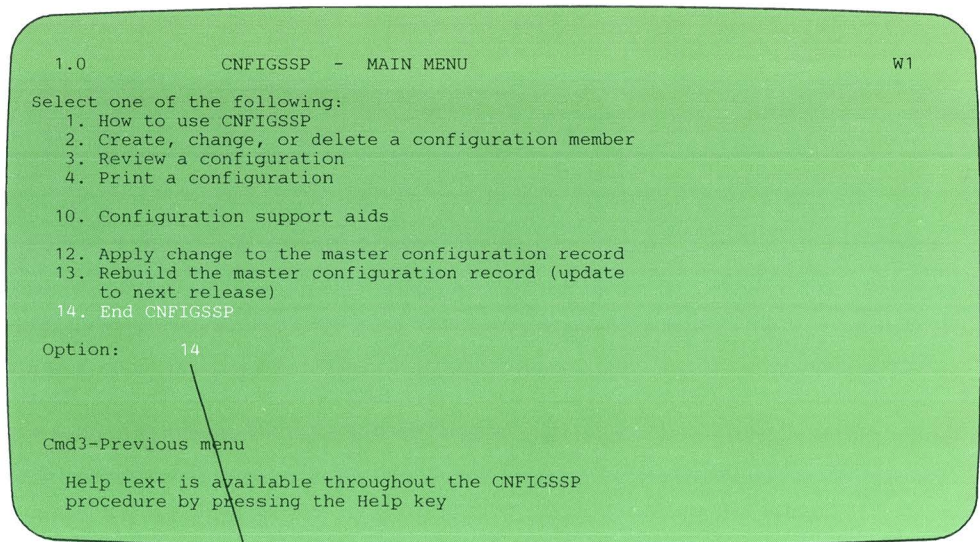
1. Select the information to print . . . . . 1
    1. Master configuration record
    2. Configuration member

2. Specify the section of the configuration to print . . . . . 1
    1. Entire configuration
    2. Display stations and printers
    3. Program products, optional SSP, and SSP features
    4. Base SSP values
    5. Disk VTOC, history file, and task work area sizes

Cmd3-Previous menu
```

s9022518

- d. Press the Enter key to start printing, and then press command key 3 to return to display 1.0.
- e. Enter option 14 (*End CNFIGSSP*) on display 1.0.



Type in a 14 and press the Enter key.

S9022079-0

Note: If print spooling is active (prompt 8; step 2-44) and N (no) was specified to automatically start spool writer program following IPL (prompt 1; step 2-45), type the following command from the system console to start print spooling:

```
START PRT,ALL
```

Then, press the Enter key.

Step 4-2: To verify your local display stations:

```
SIGN ON                                Optional-*    W2

User ID . . . . .

User Menu . . . . . *
Library. . . . . *
```

Help-Assistance for sign on

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s9022519

- a. Make sure all your display stations are turned on and show the Sign On display. The system console will probably already show the main help menu.
- b. Type in an X for the user ID at each display station.
- c. Press the Enter key.

The following display is shown:

```
MAIN                                    W2

Main System/36 help menu

Select one of the following:

1. Display a user menu
2. Perform general system activities
3. Use and control printers, diskettes, or tape
4. Work with libraries, files, or folders
5. Use programming languages and utilities
6. Communicate with another system or user
7. Define the system and its users
8. Problem determination and service
9. Use office products
10. Sign off the system

Cmd3-Previous menu  Cmd7-End  Cmd12-How to use help  Home-Sign on menu

Ready for option number or command

(c) 1985 IBM Corp.
```

s9022520

If this display is not shown, go to **Step 4-4**.

Step 4-3: To verify your local printers:

- a. Make sure all your printers are turned on and made ready to print. To make the printers ready to print, press Start at each of the printers. The 3262 Printer is ready to print automatically.
- b. If print spooling is active (prompt 8; step 2-44) and N (no) was specified to automatically start spool writer program following IPL (prompt 1; step 2-45), type the following command from the system console to start print spooling:

```
START    PRT,ALL
```

Press the Enter key.

- c. Press the Print key at the system console. Then press the Error Reset key. Observe which printer is printing. It should be the system printer.

If you have no more local printers (the system printer is your only printer) go to **Step 4-3g**.

- d. If you have another local printer, type in the following procedure:

```
PRINTKEY  printer id
```

in which:

printer id is the work station ID (for example P1, P2, and so on) of the printer you want to verify.

You can find the work station IDs for your printers by reviewing the configuration printout.

Press the Enter key.

- e. Press the Print key at the system console. Verify that the desired printer is printing.

Repeat steps 4-3d and 4-3e for any remaining local printers.

- f. After verifying all your local printers, type in the following procedure:

```
PRINTKEY  printer id
```

in which:

printer id is the work station ID of the system printer.

Press the Enter key.

- g. If verification of your local display stations and printers is successful, go to **Step 4-5**.

If you found problems while doing steps 4-2 or 4-3, complete **Step 4-4**.

Step 4-4: To solve the problem:

- a. Compare the configuration printout with Form F to identify any differences. If you find differences, refer to “Working with Your Display Stations and Printers” in the manual *Changing Your System Configuration* to correct the display station and printer definitions.
- b. After any corrections are made, retry **Steps 4-2 and 4-3**. If you are unable to solve the problem, call your service representative.

Step 4-5: Verification of local display stations and printers complete.

This completes the steps for verifying your local display stations and printers. If your system has remote work stations installed, go to **Step 4-6**.

If your system does not have remote work stations installed:

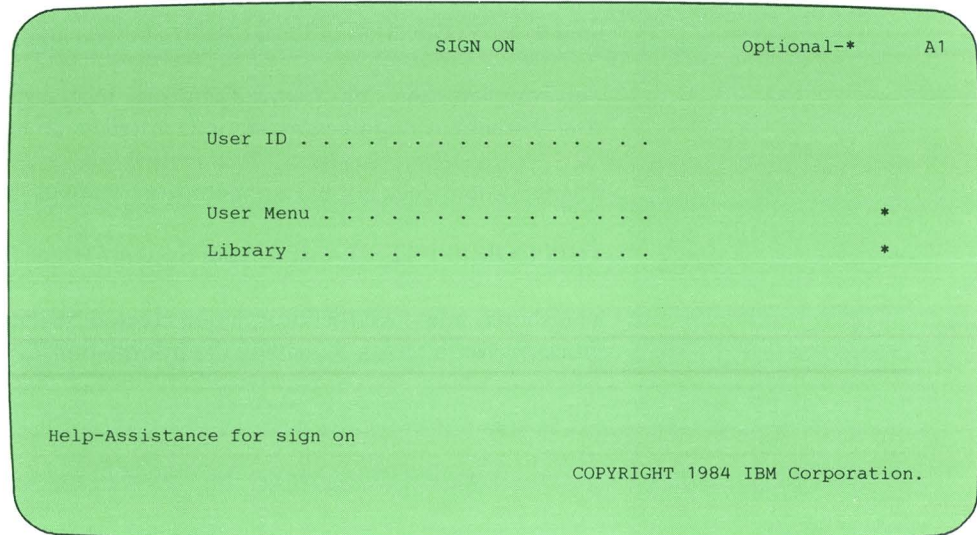
THIS COMPLETES TASK 4; your System/36 configuration has been verified.

You should now save the information created by the system configuration process. Go to “Task 5. Saving the Information.”

Verifying Your Remote Display Stations and Printers

Step 4-6: Establish a communications link with the remote site. For information on establishing the communications link, refer to the manual *Operating Your Computer*.

Step 4-7: To verify your remote display stations:



s9022521

From the remote site:

- a. Make sure all your remote display stations are turned on and show the Sign On display.
- b. Type in an X for the user ID at each display station.
- c. Press the Enter key.

The following display should be shown:

```
MAIN A1
Main System/36 help menu

Select one of the following:

1. Display a user menu
2. Perform general system activities
3. Use and control printers, diskettes, or tape
4. Work with libraries, files, or folders
5. Use programming languages and utilities
6. Communicate with another system or user
7. Define the system and its users
8. Problem determination and service
9. Use office products
10. Sign off the system

Cmd3-Previous menu  Cmd7-End  Cmd12-How to use help  Home-Sign on menu
Ready for option number or command

(c) 1985 IBM Corp.
```

s9022522

If this display is not shown, go to **Step 4-9**.

Step 4-8: To verify your remote printers:

From the remote site:

- a. Make sure all your remote printers are turned on and made ready to print. To make the printers ready to print, press Start at each of the printers.
- b. At a display station, type the following procedure:

```
PRINTKEY printer id
```

in which:

printer id is the work station ID (for example S2, S3, and so on) of the printer you want to verify.

You can find the work station IDs for your printers by reviewing the configuration printout.

Press the Enter key.

- c. Press the Print key at the display station. Observe which printer is printing.
- d. Repeat step 4-8b through step 4-8c for each remote printer.
- e. If verification of your remote display stations and printers is successful, go to **Step 4-10**.

If you found a problem while doing steps 4-7 or 4-8, complete **Step 4-9**.

Step 4-9: Solve the problem:

- a. Compare the configuration printout with Form F to identify any differences. If you find differences, refer to “Working with Your Display Stations and Printers” in the manual *Changing Your System Configuration* to correct the remote display station and printer definitions.
- b. After any corrections are made, retry steps 4-7 and 4-8. If you are unable to solve the problem, call your service representative.

Step 4-10: Verification of remote display stations and printers complete.

This completes the steps for verifying your remote display stations and printers.

THIS COMPLETES TASK 4; your System/36 configuration has been verified.

You should now save the information created by the system configuration process. Go to “Task 5. Saving the Information.”

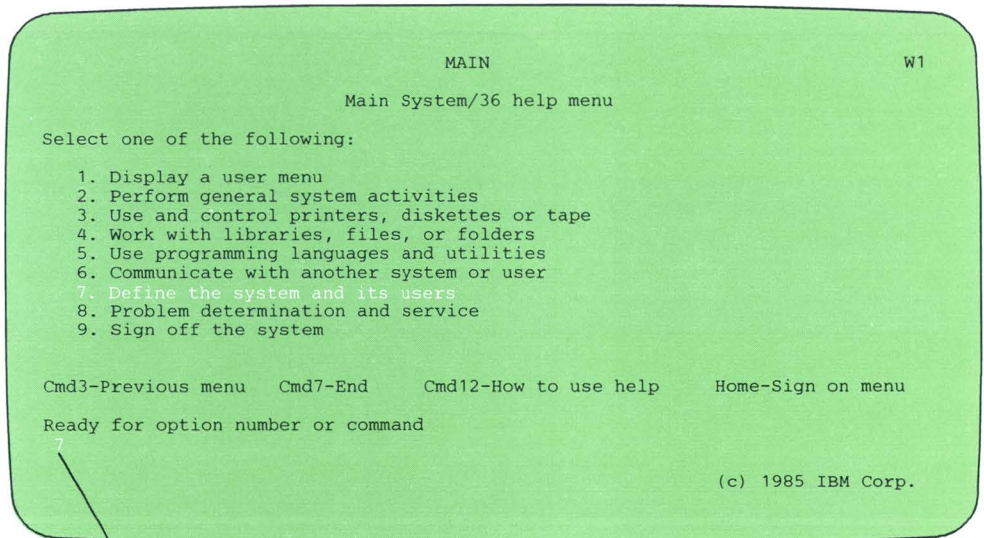
Task 5. Saving the Information

You should save the information you have put on the system at this time. This will give you a backup copy of the system information in case it is accidentally removed from disk. Also, if you ever need to perform an IPL from diskette, you should use these backup diskettes, instead of the PID diskettes. Using the backup diskettes instead of the PID diskettes requires less diskette handling.

If you apply a program temporary fix (PTF) to a program product, you should update the backup diskettes for that program product by saving the program product library again, after the PTF has been applied.

Step 5-1: To determine the number of diskettes needed to save the system library:

- a. Enter option 7 (*Define the system and its users*) from the Main help menu.



Type in a 7 and press the Enter key.

S9022080-0

b. Enter option 2 (*Configure devices and system programs*) from the DEFSYS menu.

```
DEFSYS W5
Define the system and its users
Select one of the following:
1. Define system security
2. Configure devices and system programs
3. Define communications
4. Set the automatic response severity level
5. Use and maintain remote files (DDM)
Cmd3-Previous menu Cmd5-Main help menu Cmd7-End Home-Sign on menu
Ready for option number or command
2
(c) 1985 IBM Corp.
```

Type in a 2 and press the Enter key.

S9022081-0

c. Enter option 10 (*Configuration support aids*) from the CNFIGSSP Main menu.

```
1.0 CNFIGSSP - MAIN MENU W1
Select one of the following:
1. How to use CNFIGSSP
2. Create, change, or delete a configuration member
3. Review a configuration
4. Print a configuration
10. Configuration support aids
12. Apply change to the master configuration record
13. Rebuild the master configuration record (update to next release)
14. End CNFIGSSP
Option: 10
Cmd3-Previous menu
Help text is available throughout the CNFIGSSP procedure by pressing the Help key
```

Type in a 10 and press the Enter key.

S9022082-1

d. Enter option 4 (*Number of diskettes needed to save a library*) from display 34.0.

```
34.0                                CNFIGSSP - SUPPORT AIDS  MENU                                W1
Specify the menu choice . . . . . 4
1. Condense a library (CONDENSE procedure)
2. Increase library size
3. Calculate #LIBRARY size and user area available in main storage
4. Number of diskettes needed to save a library

Cmd3-Previous menu
```

s9022523

The following is shown on the display:

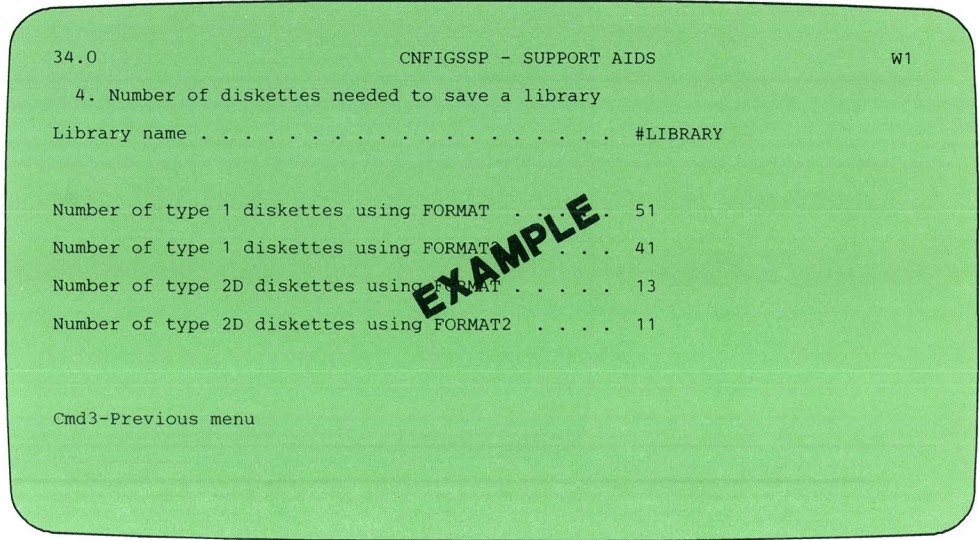
```
34.0                                CNFIGSSP - SUPPORT AIDS                                W1

4. Number of diskettes needed to save a library
Library name . . . . .

Cmd3-Previous menu
```

s9022524

e. The *Library name* shown is the library that contains the last configuration member applied to the master configuration record. If this library name is not #LIBRARY, type in #LIBRARY and press the Enter key. The following is shown on the display:



S9022083-1

This display tells you the number of diskettes you need to save the system library, based on diskette type (1 or 2D) and how the diskettes are initialized (FORMAT or FORMAT2). Press the Print key to get a copy of this display, or write down how many diskettes you need.

- f. Press the Enter key to return to the support aids menu, display 34.0.
- g. Press command key 3 to return to the CNFIGSSP main menu.
- h. Enter option 14 (*End CNFIGSSP*) to return to the main help menu.

If you have a diskette magazine drive, go to **Step 5-2**.

If you have a single-slot diskette drive, go to **Step 5-4**.

Step 5-2: To save the system library:

- a. Put the diskettes into magazines.
- b. Insert the magazines in the system unit. If you have one magazine, put it in magazine slot 1. If you have two magazines, put one in magazine slot 1 and another in slot 2. If you have three or more magazines, put one in magazine slot 1, another in slot 2, and prepare the other magazines later.
- c. At the system console, type in the following:

INIT

- d. Press the Help key. The following display is shown:

```

                                INIT PROCEDURE                               Optional-*
                                Prepares, renames, or erases diskettes so they can be
                                used to save files and libraries

Volume ID to assign diskette . . . . .
Owner ID to assign diskette . . . . . OWNERID
Initializing function . . . . .  RENAME,DELETE,FORMAT,FORMAT2  RENAME
Starting diskette location . . . . .  S1,S2,S3,M1.nn,M2.nn  S1
Ending diskette location . . . . .  S1,S2,S3,M1.nn,M2.nn

Cmd3-Previous menu      Cmd4-Put on job queue

                                (c) 1983 IBM Corp.

```

s9022525

- e. On this display, complete the following prompts:

Volume ID: Type in SYSTEM and press the New Line (↵) key once.

Initializing function: Type in FORMAT2.

Starting diskette location: Type in M1.01.

Ending diskette location: If you are initializing one magazine, type in the location of the last diskette in the magazine. For example, for a magazine containing 9 diskettes, type in M1.09. If you are initializing two magazines, type in the location of the last diskette in the second magazine. For example, for two magazines containing a total of 15 diskettes, type in M2.05.

- f. Press the Enter key.
- g. If you have more diskettes to initialize, repeat steps **5-2e** through **5-2f**.
- h. After the diskettes have been initialized for the system library, insert one or two magazines into the system unit and type in the following at the system console:

```
SAVELIBR #LIBRARY,999,SYSTEM,M1.01,AUTO
```
- i. Press the Enter key.
- j. If saving the system library requires more than two magazines, you will be asked to insert additional magazines when these are full. Press the Enter key.
- k. After the system has copied the information from the system library to diskette, label the diskette in the first slot of the first magazine **SYSTEM M1.01**, the second diskette **SYSTEM M1.02**, and so on. Then, go to **Step 5-3**.

Step 5-3: To save the program products installed:

- a. Prepare diskettes for saving the program products. Use the following table to determine the number of diskettes you will need:

Function to Be Copied	Volume ID	No of Diskettes Required		Procedure Name	Folder Name
		Diskette 1	Diskette 2D		
RPG II	PPRPG	2	1	RPGSAVE	
Assembler	PPASM	2	1	ASMSAVE	
COBOL	PPCOBL	2	1	COBSAVE	
FORTRAN IV	PPFORT	1	1	FORTSAVE	
BASIC	PPBASC	2	1	BASSAVE	
DFU	PPUTIL	1	1	DFUSAVE	
WSU	PPUTIL	1	1	WSUSAVE	
SEU	PPUTIL	2	1	SEUSAVE	
SDA	PPUTIL	3	1	SDASAVE	
Online problem determination—base support	PPOLPD	2	1	OLPDSAVE	
Online problem determination—for tape	PPOLPD	1	1	TPPDSAVE	
Online problem determination for communications	PPOLPD	2	1	BCPDSAVE	
CGU	PPIG1	1	1	CGUSAVE	
IGC Sort	PPIG1	1	1	IGCSAVE	
DisplayWrite/36	PPTXT	5	2	TEXTSAVE	
DisplayWrite/36 Language Dictionaries:					
English	PPENG	4	2	DICTSAVE	
French	PPFRN	1	1	DICTSAVE	
French-Canada	PPFRC	1	1	DICTSAVE	
Spanish	PPSPN	2	1	DICTSAVE	
Italian	PPITN	1	1	DICTSAVE	
Danish	PPDAN	2	1	DICTSAVE	
Personal Services/36	PPOFC	11	3	OFCSAVE	
Query/36	PPQRY	2	1	QRYSAVE	

Function to Be Copied	Volume ID	No of Diskettes Required	No of Diskettes Required	Procedure Name	Folder Name
		Diskette 1	Diskette 2D		
Online information: DisplayWrite/36 Personal Services/36 Query/36 IDDU	PPTXT	-	2	SAVEFLDR	#WPFLDR
		-		SAVEFLDR	WPDOCS
	PPOFC	-	3	SAVEFLDR	#OFCFLDR
	PPQRY	-	2	SAVEFLDR	#QRYFLDR
				SAVEFLDR	QRYSAMPL
				SAVEFLDR	#IDDFLDR
				SAVEFLDR	#IDDUSMP
				SAVEFLDR	IDDSAMPL
				SAVE	CUSTCDT
				SAVE	NAMEADDR
PC Support/36	PPWS1	1	1	IWSAVE	

Complete the following steps for each program product you have installed.

b. Insert the diskette(s) into the system unit. Use slot 1 (wire slot). If more than one diskette is needed, use slots 1 (S1) and 2 (S2).

c. At the system console, type in the following:

INIT

d. Press the Help key. The following display is shown.

```

INIT PROCEDURE                               Optional-*
Prepares, renames, or erases diskettes so they can be
used to save files and libraries

Volume ID to assign diskette . . . . .
Owner ID to assign diskette . . . . . OWNERID
Initializing function . . . . . RENAME,DELETE,FORMAT,FORMAT2 RENAME
Starting diskette location . . . . . S1,S2,S3,M1.nn,M2.nn S1
Ending diskette location . . . . . S1,S2,S3,M1.nn,M2.nn

Cmd3-Previous menu      Cmd4-Put on job queue

(c) 1983 IBM Corp.

```

s9022526

e. On this display, complete the following prompts:

Volume ID: From the table in step 5-3a, type in the volume ID associated with the program product you want to save. For example, you would use PPRPG as the volume ID to save RPG. Use the New Line key (↵) to position the cursor at the third prompt.

Initializing function: Type in FORMAT2.

If you need to initialize only one diskette, go to **Step 5-3f**.

If you need to initialize two diskettes, press the New Line key (↵) to position the cursor at the fifth prompt.

Ending diskette location: Type in S2 to let the system know that you have two diskettes to initialize, starting at S1 and ending at S2.

f. Press the Enter key.

g. After the diskettes have been initialized for a program product, enter the procedure name (from the table in step 5-3a) at the system console (with the diskettes in the system). For example, to save RPG, you would enter RPGSAVE.

h. After the system has copied the information for the program product onto diskette, label the diskette(s) with the volume ID of the program product (for example, PPRPG for RPG). If the program product you are saving requires more than one diskette, label and number each one. Repeat steps **5-3a** through **5-3h** for each program product installed. Then, go to **Step 5-6**.

Step 5-4: To save the system library:

a. Put a diskette into the system unit.

b. At the system console, type in the following:

```
INIT SYSTEM, ,FORMAT2,S1
```

c. Press the Enter key.

d. To initialize the rest of your diskettes, insert them one at a time into the system unit and press the Dup key. A special character (*) extends to the end of the input field on your display. Press the Enter key to replace the special characters with a copy of the INIT command just entered. Press the Enter key again to initialize each diskette.

e. After the diskettes have been initialized for the system library, insert one of the initialized diskettes into the system unit and type in the following at the system console:

```
SAVELIBR #LIBRARY,999,SYSTEM
```

f. Press the Enter key.

After the system has copied information to fill the first diskette, a message asking you to insert the next diskette is shown. Remove the first diskette and insert another initialized diskette into the system unit. Type in a 0 and press the Enter key. Label the first diskette SYSTEM 1, the second diskette SYSTEM 2, and so on. Continue with this procedure until the system has copied all the information from the system library to diskette. Then, go to **Step 5-5**.

Step 5-5: To save the program products installed:

- a. Prepare diskettes for saving the program products. Use the following table to determine the number of diskettes you will need:

Function to Be Copied	Volume ID	No of Diskettes Required		Procedure Name	Folder Name
		Diskette 1	Diskette 2D		
RPG II	PPRPG	2	1	RPGSAVE	
Assembler	PPASM	2	1	ASMSAVE	
COBOL	PPCOBL	2	1	COBSAVE	
FORTRAN IV	PPFORT	1	1	FORTSAVE	
BASIC	PPBASC	2	1	BASSAVE	
DFU	PPUTIL	1	1	DFUSAVE	
WSU	PPUTIL	1	1	WSUSAVE	
SEU	PPUTIL	2	1	SEUSAVE	
SDA	PPUTIL	3	1	SDASAVE	
Online problem determination—base support	PPOLPD	2	1	OLPDSAVE	
Online problem determination—for tape	PPOLPD	1	1	TPPDSAVE	
Online problem determination—for communications	PPOLPD	2	1	BCPDSAVE	
CGU	PPIG1	1	1	CGUSAVE	
IGC Sort	PPIG1	1	1	IGCSAVE	
DisplayWrite/36	PPTXT	5	2	TEXTSAVE	
DisplayWrite/36 Language Dictionaries:					
English	PPENG	4	2	DICTSAVE	
French	PPFRN	1	1	DICTSAVE	
French-Canada	PPFRC	1	1	DICTSAVE	
Spanish	PPSPN	2	1	DICTSAVE	
Italian	PPITN	1	1	DICTSAVE	
Danish	PPDAN	2	1	DICTSAVE	
Personal Services/36	PPOFC	11	3	OFCSAVE	
Query/36	PPQRY	2	1	QRYSAVE	

Function to Be Copied	Volume ID	No of Diskettes Required		Procedure Name	Folder Name
		Diskette 1	Diskette 2D		
Online information: DisplayWrite/36	PPTXT	-	2	SAVEFLDR	#WPFLDR
Personal Services/36 Query/36	PPOFC	-	3	SAVEFLDR	WPDOCS
	PPQRY	-	2	SAVEFLDR	#OFCFLDR
IDDU	PPSSP	-	1	SAVEFLDR	#QRYFLDR
				SAVEFLDR	QRYSAMPL
				SAVEFLDR	#IDDFLDR
				SAVEFLDR	#IDDUSMP
				SAVEFLDR	IDDSAMPL
SAVE	CUSTCDT				
SAVE	NAMEADDR				
PC Support/36	PPWS1	1	1	IWSAVE	

b. Insert a diskette into the system unit.

c. At the system console, type in the following:

```
INIT
```

d. Press the Help key. The following display is shown.

```

                                INIT PROCEDURE                                Optional-*
                                Prepares, renames, or erases diskettes so they can be
                                used to save files and libraries

Volume ID to assign diskette . . . . .
Owner ID to assign diskette . . . . . OWNERID
Initializing function . . . . . RENAME,DELETE,FORMAT,FORMAT2 RENAME
Starting diskette location . . . . . S1,S2,S3,M1.nn,M2.nn S1
Ending diskette location . . . . . S1,S2,S3,M1.nn,M2.nn

Cmd3-Previous menu      Cmd4-Put on job queue

                                (c) 1983 IBM Corp.

```

s9022527

- e. On this display, complete the following prompts:

Volume ID: From the table in step 5-5a, type in the volume ID associated with the program product you want to save. For example, you would use PPRPG as the volume ID to save RPG. Use the New Line key (↵) to position the cursor at the third prompt.

Initializing function: Type in FORMAT2.

- f. Press the Enter key.

If you need two diskettes to save the program product, repeat steps 5-5b through 5-5f to initialize the second diskette. Then go to **Step 5-5g**.

- g. After the diskettes have been initialized for a program product, enter the procedure name (from the table in step 5-5a) at the system console (with a diskette in the system). For example, to save RPG, you would enter RPGSAVE.

- h. After the system has copied the information for a program product onto the first diskette and if a second diskette is needed, a message asking you to insert the next diskette is shown at the system console. Insert the second diskette into the system unit, type in a 0, and press the Enter key. Label the diskette(s) with the volume ID of the program product (for example, PPRPG for RPG). If the program product you are saving requires more than one diskette, label and number each one. Repeat steps 5-5a through 5-5h for each program product installed. Then go to **Step 5-6**.

Step 5-6: To save the configuration member:

- a. Prepare a diskette for saving the configuration member. The configuration member requires only one diskette no matter what diskette type you have. If you stored the configuration member in the system library (#LIBRARY), skip this step and go to **Step 5-7**.
- b. Insert the diskette into the system unit. If you have a diskette magazine drive, use slot 1 (S1).
- c. At the system console, type in the following:

```
INIT      CNFGMB , , FORMAT2 , S1
```

- d. Press the Enter key.
- e. After the diskette has been initialized, enter the following at the system console:

```
SAVELIBR  library name , 999 , CNFGMB
```

in which:

library name is the name of the library you specified in step 2-4 to store the configuration member. Specify either the suggested library name of #CNFGLIB or the library name you defined.

After the system has copied the configuration member to diskette, label the diskette CNFGMB.

Step 5-7: Store the diskettes in a safe place.

THIS COMPLETES TASK 5; you now have saved the information created from the system configuration process.

During the system configuration process, the system library (#LIBRARY) was built to a size that would provide enough disk space for *all* the information you could add to the library. Now we recommend that you decrease the size of the system library (especially if you have the 30 or 60 megabyte size) to make more disk space available.

Refer to Appendix D to decrease the size of the system library.

What You Should Do Now

Your System/36 is now ready to use. Following are some of the things you might want to do now.

Familiarize Yourself with the System

Sign on to a display station and try using some of the help displays. Learn how the command keys and function keys work. You can use the manual *Operating Your Computer* to help familiarize yourself with the system.

Disk Space

After system configuration, you should decrease the size of the system library (#LIBRARY) to make available more disk space. You should consider this if you have a 30 MB or 60 MB disk. Refer to Appendix D later in this manual for instructions on this task.

Security

After system configuration is complete, you can create the security file if you plan to use the security options available with System/36. Security has not been planned for your system until Form O (user identification), Form P (resource security), Form S (location), or Form T (security folders) have been filled out. If one or more of the forms are filled out, refer to the *System Security Guide*, SC21-9042, for guidelines on how to create the security files.

Application Programs

After you have completed system configuration, the system is ready for your application programs. If you are installing licensed application programs, refer to the appropriate manuals for installing those programs.

Office/36 Program Products

After you have installed any Office/36 Program Products, such as DisplayWrite/36, Personal Services/36, Query/36, or IDDU, the size of the task work area must be increased. Refer to the manual *Changing Your System Configuration* to change the size of the task work area.

Conversion from System/34

If you are converting from System/34 and want to change such things as the work station IDs back to what they were on System/34, default printer assignments, subconsole assignments or display station and printer characteristics (Form R), refer to “Working with Your Display Stations and Printers” in the manual *Changing Your System Configuration*, SC21-9052. The following chart shows the appropriate section in that manual for changing each item:

Item That Needs to be Changed	Section to See
Work station ID	<i>Changing Work Station IDs</i>
Default printer	<i>Changing Printer Assignments</i>
Subconsole ID	<i>Changing Subconsole Display Station Assignments</i>
Display type	<i>Changing the Characteristics of Display Stations and Printers</i>
Stripe reader	<i>Changing the Characteristics of Display Stations and Printers</i>
Automatic vary on	<i>Changing the Characteristics of Display Stations and Printers</i>
Language group number	<i>Changing the Characteristics of Display Stations and Printers</i>
Spool writer high priority	<i>Changing the Characteristics of Display Stations and Printers</i>
Spool separator pages	<i>Changing the Characteristics of Display Stations and Printers</i>
Number of spool buffers	<i>Changing the Characteristics of Display Stations and Printers</i>
Lines per inch	<i>Changing the Characteristics of Display Stations and Printers</i>
Characters per inch	<i>Changing the Characteristics of Display Stations and Printers</i>

Also, you should refer to the manual *Converting from System/34 to System/36*, SC21-9053, for any additional conversion tasks that should be completed.

Changing Your System Configuration

At some point after the system configuration process, you may want to change some of the values for your system configuration, you may want to assign default printers and subconsoles, or you may want to add more work stations. At this time, use the manual *Changing Your System Configuration*, SC21-9052.

Appendix A. Using Command Keys and Function Keys

Only the command keys and function keys for the 5251, 5291, and 5292 typewriter-like keyboards are described here; for the 3180 command keys and function keys, see the manual *3180 Model 2 Display Station User's Guide*; for the Personal Computer, see the manual *Guide to Operations*.

The following descriptions relate to the function of the key while the CNFIGSSP procedure is running. They may perform different functions (than described here) at other times.

Enter/Rec Adv Key



The Enter/Rec Adv key is commonly referred to as the Enter key. The Enter key is used to tell the system that you have answered the prompts and want to enter that data for a particular display. If the answers you give are valid, the system will show you the next display.

The Enter key is also used to leave a help display and return to its associated display.

Error Reset Key



The Error Reset key is used to unlock the keyboard from a keyboard error or an invalid answer to a prompt. After pressing the Error Reset key, you can type a valid answer to a prompt. The Error Reset key is also used to unlock the keyboard following the use of the Print key.

Field Exit Key



The Field Exit key can be used to go from one prompt to another. For example, if your answer to a prompt does not use the entire input field, you can press the Field Exit key (after typing your answer), and the cursor will be placed at the beginning of the input field for the next prompt. In CNFIGSSP, this key does not right adjust numeric fields like it does for many other functions. This is because some numeric fields in CNFIGSSP require zeros to fill the field, and the use of the Field Exit key places blanks in these fields.

On the displays showing the display station and printer arrangement, the Field Exit key moves the cursor to the next position (address) on a port.

New Line Key



The New Line key performs functions similar to the Field Exit key. The primary difference between the two is that when you press the Field Exit key, any characters to the right of the cursor (for that particular input field) are erased. When you press the New Line key those same characters will *not* be erased and the cursor will move to the first position of the next input field.

On the displays showing the display station and printer arrangement, the New Line key moves the cursor to the next port.

Help Key



The Help key can be used for all displays. By pressing the Help key, you can look at additional information about the display that was shown when the Help key was pressed. If you have a question about a display, the help display may answer your question. To leave a help display, press the Enter key. Pressing the Help key while viewing a help display will produce a keyboard error.

Roll Keys



The roll keys can be used to go forward or backward between help displays. For some help displays, the following is shown at the bottom of the help display:

ROLL KEYS-Additional Help display

This indicates that there is another help display with further explanation. By pressing the Roll Up key, you can show the additional Help display.

Print Key



The Print key can be used for all the displays. By pressing the Print key, you can get a printout of the display that is shown on the display screen.

Command Keys



All display stations except the 3180 Display Station Model 2 require two keystrokes per command, as shown. (Pressing a key once is a keystroke.) The 3180 Display Station Model 2 has two rows of 24 command keys above the keyboard. These keys perform command key functions with a single keystroke.

Command Key 2



Command key 2 can be used to show display 13.1, which allows you to select a specific remote controller to review, or scan. You can use command key 2 to perform this function whenever the following is shown at the bottom of the display:

Cmd2-Scan

Command Key 3



Command key 3 is used to indicate the completion of a task. For example, you take an option from one of the menu displays. After you have answered the questions for all the displays shown for that option, you press command key 3 to indicate you are done. When you press command key 3, your responses to the questions are saved, and the menu display from which you chose the option will be displayed. As a result of the different menu levels within the CNFIGSSP procedure, you may have to press command key 3 several times to get back to a specific menu. You can use command key 3 to perform this function whenever the following is shown at the bottom of the display:

```
Cmd3-Previous menu
```

Command Key 5



Command key 5 performs many functions. You can use command key 5 to:

- Display the device codes for every model of display station and printer that can be attached to System/36. You can use command key 5 to perform this function whenever the following is shown at the bottom of the display:

```
Cmd5-Display device codes
```

- Display the device codes of the display stations and printers attached to System/36. You can use command key 5 to perform this function whenever the following is shown at the bottom of the display:

```
Cmd5-Show device codes
```

You also use command key 5 to switch back from device codes to work station IDs.

```
Cmd 5-Show work station IDs
```

- Define additional controllers for the system. You can use command key 5 to perform this function whenever the following is shown at the bottom of the display:

```
Cmd5-Add controller
```

Command Key 6



Command key 6 starts Edit Mode for the remote controllers, and shows the first defined controller as a starting place. If command key 6 is pressed while a remote controller is being added, that remote controller is not saved. You can use command key 6 to perform this function whenever the following is shown at the bottom of the display:

```
Cmd6-Restart
```

Command Key 7



Command key 7 allows you to make another subconsole or default printer assignment. You can use command key 7 to perform this function whenever the following is shown at the bottom of the display:

```
Cmd7-Specify another subconsole or assigned printer
```

Command Key 9



Command key 9 is used to delete a remote controller or a communications line. You can use command key 9 to perform these functions whenever the following is shown at the bottom of the display:

```
Cmd9-Delete controller  
Cmd9-Drop line
```

If you press command key 9, a message is shown at the bottom of the display asking you to verify the deletion. If you press command key 9 again, the controller and all associated devices are deleted (Cmd9-Delete controller), or the line and all controllers attached to the line are deleted (Cmd9-Drop line).

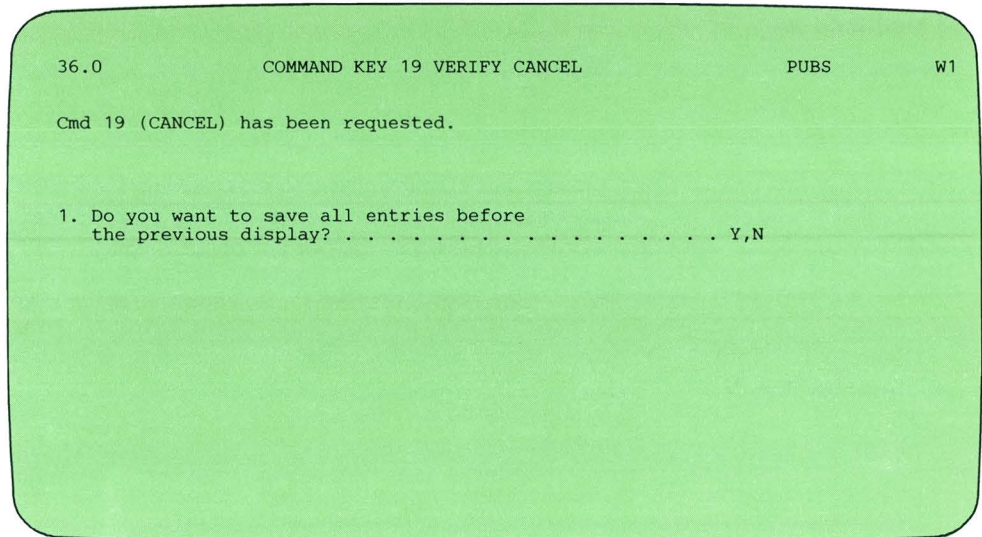
Command Key 19



Command key 19 is used to cancel the CNFIGSSP procedure. You can use command key 19 to perform this function whenever the following is shown at the bottom of the display:

Cmd19-Cancel

If you press command key 19, the following display is shown:



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If you answer Y (yes), all the answers up to the display at which command key 19 was pressed will be copied to the configuration member.

If you answer N (no), all the answers specified during this session of the CNFIGSSP procedure will not be copied to the configuration member.

Appendix B. Using Another System/36 to Build Your Configuration Member

You can use a System/36 other than your own to complete “Task 2. Building a Configuration Member” in this manual. If you decide to do so, you should read the “System Configuration Overview” and the “Forms for Planning” section under “Getting Ready,” but skip “Task 1. Getting Your System/36 Up and Running.” The “Diskettes” section under “Getting Ready” should be read later when your System/36 and PID diskettes arrive, and Tasks 1, 3, 4, and 5 should be done on your own System/36.

When you perform Task 2 on another system, steps that require additional considerations will refer you to this appendix to perform that particular step.

Step 1-7: Complete the following before going to “Task 3. Copying to the Master Configuration Record.”

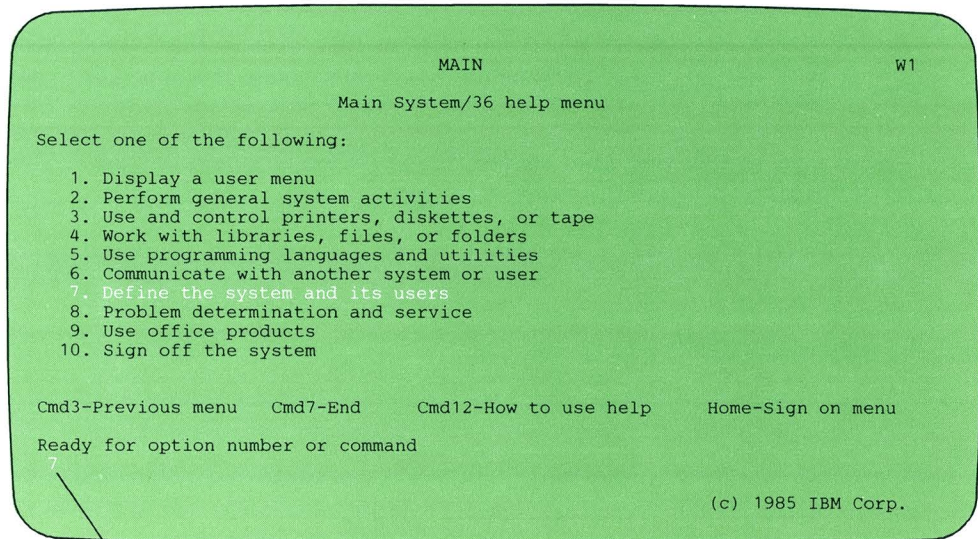
- a. If the configuration member is stored in a library other than #CNFGLIB or #LIBRARY, build a library on disk. You can do this by entering the following procedure at the system console:

```
BLDLIBR library name,6
```

- b. Copy the configuration member from diskette to that library on disk. You can do this by placing the diskette into the system unit (slot S1 for a magazine drive) and by entering the following procedure at the system console:

```
TOLIBR CNFIG,I1,,,library name
```

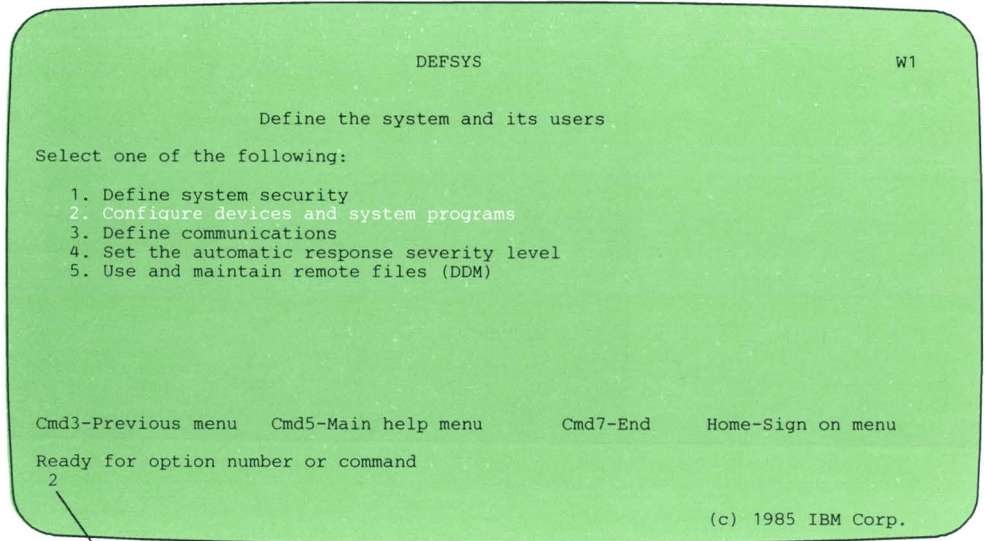
- c. After running the TOLIBR procedure, enter option 7 (*Define the system and its users*) from the Main help menu.



Type in a 7 and press the Enter key.

S9022084-2

- d. Enter option 2 (*Configure devices and system programs*) from the DEFSYS menu.

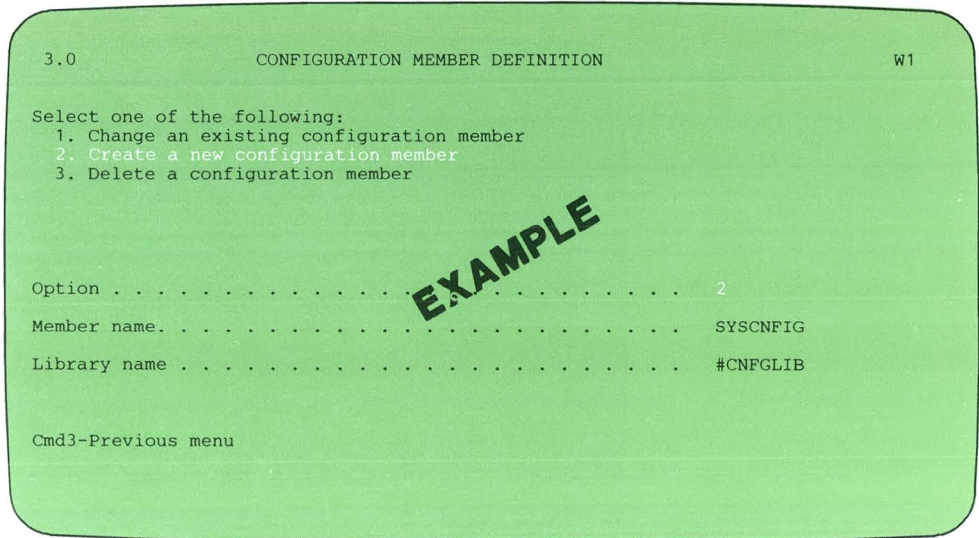


Type in a 2 and press the Enter key.

S9022085-0

- e. Go to “Task 3. Copying to the Master Configuration Record.”


Step 2-4: To complete display 3.0 (*Configuration Member Definition*):



S9022086-0

- a. Select option 2 (*Create a new configuration member*). Type in a 2 for the first prompt. Do not press the Enter key. Go to **Step b**.

b. From Form J1:

J1 System Configuration Planning Form 		Customer Name
Workbooks 4 and 5		MIDWEST MFG.
		Customer Number
		467270-36
Member Definition		
3.0		Workbook
1. Member name	SYSCNFIG	5
2. Library name	#CNFGLIB	5
Member Configuration		
6.0		Workbook
1. Describe the configuration member (up to 60 characters):	SYSTEM CONFIGURATION	5
2. Main storage size 128-1024	0 2 5 6 K	5
3. Disk storage size 30-800	2 0 0 MB	5
Program Products		
19.0 Utilities		Workbook
1. Data File Utility (DFU)?		+ 5
2. Work Station Utility (WWSU)?		— 5
3. Source Entry Utility (SEU)?		+ 5
4. Source formats for SEU?		+ 5
5. Screen Design Aid (SDA)?		+ 5
6. PC Support/36?		— 5
19.1 Languages		Workbook
1. RPG II?		+ 5
2. COBOL?		— 5
3. BASIC?		— 5
4. BASIC help facility?		— 5
5. FORTRAN?		— 5
6. Assembler?		— 5
19.2 OFFICE/36		Workbook
1. DisplayWrite/36 (DW/36)?		+ 5
2. Personal Services/36 (PS/36)?		+ 5
3. Query/36?		— 5
19.3 Online Information?		Workbook
1. Online information for DW/36?		+ 5
2. Online information for PS/36?		+ 5
3. Online information for Query/36?		— 5
19.4 DW/36 Language Dictionaries		Workbook
1. Feature 6038 - English?		+ 5
2. Feature 6039 - French?		— 5
3. Feature 6040 - French - Canada?		— 5
4. Feature 6041 - Spanish?		— 5
5. Feature 6042 - Italian?		— 5
6. Feature 6043 - Danish?		— 5
SSP Features		
21.0 Extended SSP (Feature 6000)		Workbook
1. Base extended SSP support?		+ 5
2. Tape support?		— 5

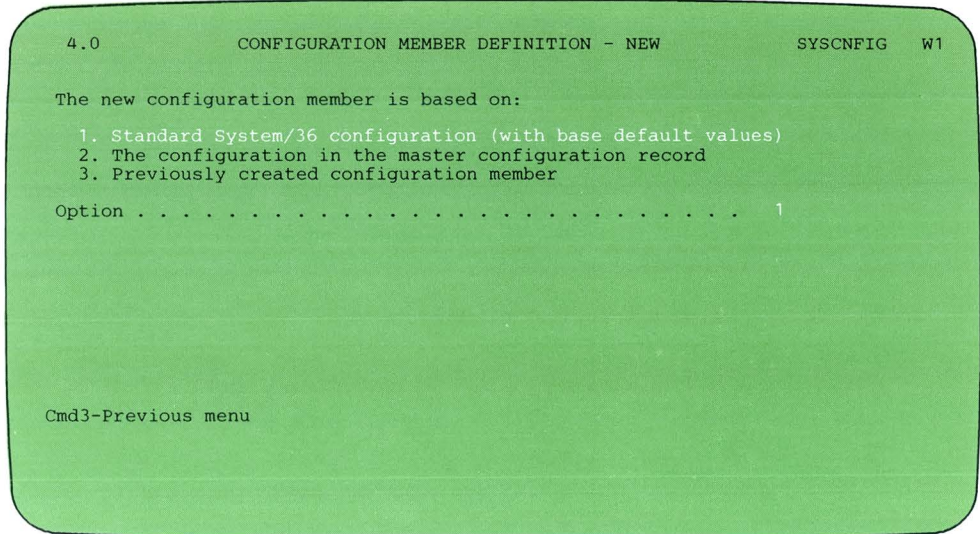
Member name: Type in the name for the configuration member. If you do not use the entire field, press the Field Exit key to get to the next prompt. If you decided to use the name SYSCNFIG, press the New Line key (↵) to get to the next prompt. Remember the name you use, because it will be used again during system configuration.

Library name: Type in the library name. This is the library in which you will store your configuration member. It is suggested that you use the library name #CNFGLIB.

Check with someone who is familiar with the configuration of the System/36 you are using. You can fit up to three configuration members in the library called #CNFGLIB. If the System/36 you are using has not used all the space in #CNFGLIB, you can put your configuration member in it temporarily. However, you will have to use a different name than SYSCNFIG. Be sure to write the name you use on Form J1 if you use a different name than what you originally had on Form J1.

c. Press the Enter key.

Step 2-5: To select the basis for the configuration member on display 4.0:



s9022529

Select option 1 (*Standard System/36 configuration with base default values*), and press the Enter key.

Step 2-10: Identify your local display stations and printers:

```
12.0 CNFIGSSP - WORK STATION DEFINITION          LOCAL          SYSCNFIG  W1
Specify the arrangement of your display station and printers.
The positions correspond to the work station address:

Displays: 00. Single color display station

      0      1      2      3      4      5      6  --Work station address
00
PB
EXAMPLE
      0 -- P | ----- |
      1 -- O |          |
      2 -- R | S/36  |
      3 -- T |          |
      4 -- S |          |
      5 -- | ----- |

Cmd3-Previous menu          Cmd5-Display device codes          Cmd19-Cancel
```

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- a. Only the system console and one printer are identified on display 12.0. Therefore, you need to enter your local work station configuration on this display. Use Form F to identify what local display stations and printers you have and where they belong on the display.

The following example shows how Form F relates to display 12.0:

The ports **A** on Form F correspond to the ports **A** on display 12.0.

The work station addresses **B** on Form F correspond to the work station addresses **B** on display 12.0.

The device code **C** is given after the device type heading **C** in the work station box on Form F. The device codes are used to show the difference between certain display stations and certain printers. You identify your display stations and printers by placing the device codes in the appropriate positions on display 12.0. These positions correspond to the work station address and the port.

The placement of display stations and printers on display 12.0 should match the placement on Form F.

Use the Field Advance key (\rightarrow) to go from one work station address to another.

Use the New Line key (\leftarrow) to go from one port to another.

b. When display 12.0 and Form F match, press the Enter key to return to display 27.0.

c. If Form H or H1 (Remote Work Station Diagram) and Form I (Communications Line Definition) are not completed, go to **Step 2-21**.

If Form H or H1 and Form I are completed, go to **Step 2-11**.

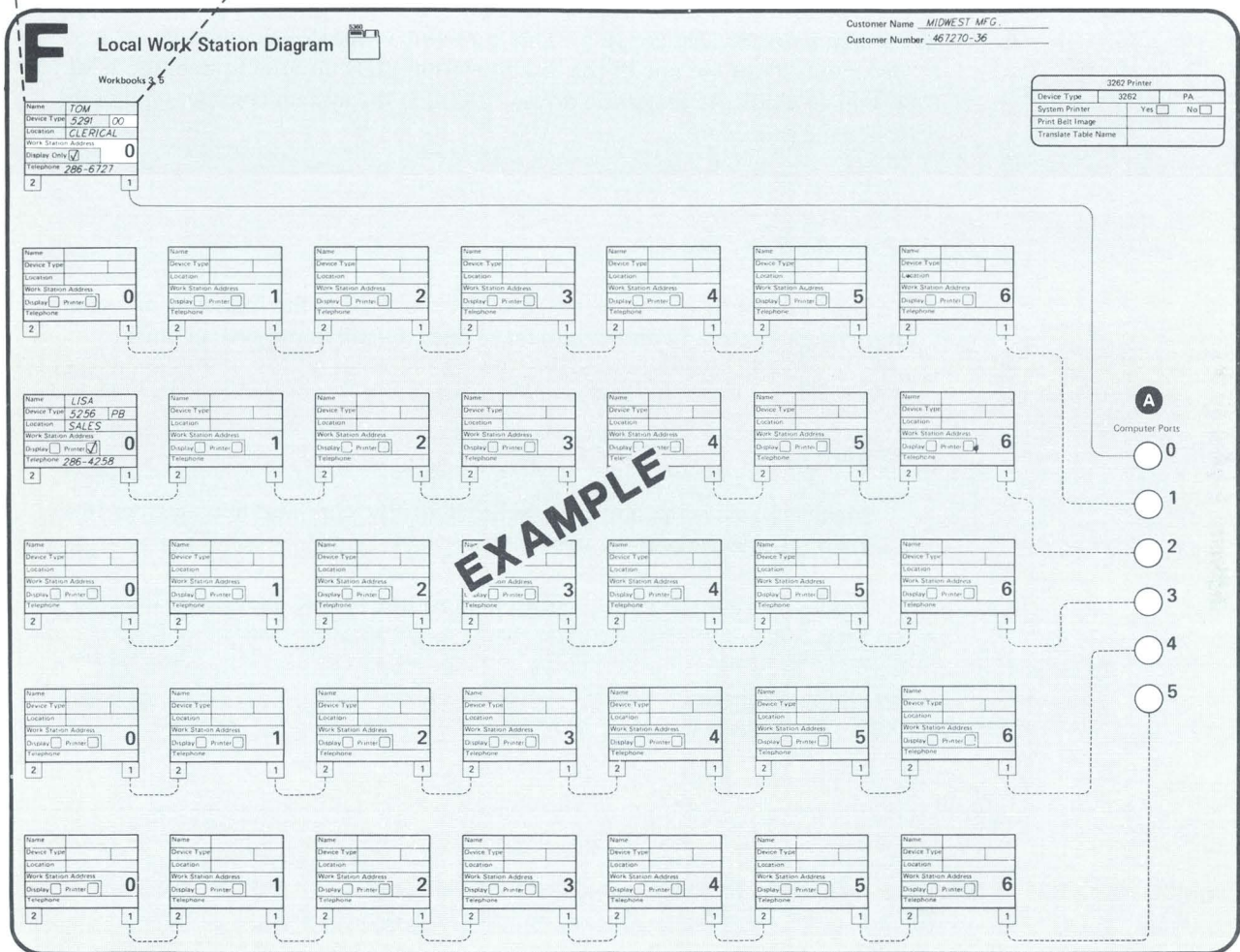
```
12.0 CNFIGSSP - WORK STATION DEFINITION          LOCAL          SYSCNFIG          W1
Specify the arrangement of your display station and printers.
The positions correspond to the work station address:
Displays: 00. Single color display station
B  0   1   2   3   4   5   6   <--Work station address
    00
C  PB
                                A  0 -- P | ----- |
                                1 -- O | ----- |
                                2 -- R | S/36  |
                                3 -- T | ----- |
                                4 -- S | ----- |
                                5 --  | ----- |
Cmd3-Previous menu          Cmd5-Display device codes          Cmd19-Cancel
```

S9022088-0

Name	TOM	
Device Type	5291	00
Location	CLERICAL	
Work Station Address		
Display Only	<input checked="" type="checkbox"/>	0
Telephone	286-6727	
2	1	

C

B



Step 2-21: To assign a system printer:

If you have a 3262 Printer and selected it as the system printer on display 8.0 (step 2-9), go to **Step 2-24**.

If you do not have a 3262 Printer, or did not select the 3262 Printer as the system printer, go to **Step 2-22**.

Step 2-47: Use the following instructions to obtain a copy (on diskette) of the configuration member from the System/36 you used:

- a. Enter option 14 (end CNFIGSSP) on display 1.0.
- b. Prepare a diskette for copying. This is known as **initializing** a diskette. Put a diskette (do not use one of the diskettes from PID) into the System/36 (slot 1 if you have a diskette magazine drive). Then, at the system console, type in the following procedure:

```
INIT  CNFIG, ,FORMAT2
```

Press the Enter key.

- c. To copy the configuration member to diskette, type in the following procedure at the system console (with the initialized diskette still in the system unit):

```
FROMLIBR  member name,LOAD,CNFIG,I1,999,CNFIG,library name
```

in which:

Member name is the name you selected for the configuration member from Form J1 in **Step 2-4**.

Library name is the name you selected for the library name from Form J1 in **Step 2-4**.

Press the Enter key.

- d. After the configuration member has been copied to diskette, remove the diskette from the system and write CNFIG in the label area on the diskette.
- e. Tell the people responsible for the other System/36 you were using to remove your configuration member from their system. They can use the following procedure:

```
REMOVE member name,LOAD,library name
```

in which:

Member name is the name you selected for the configuration member in step 2-4.

Library name is the name you selected for the library name in step 2-4.

- f. When your System/36 and PID diskettes arrive, go back to the *Diskettes* section under "Getting Ready." You must perform the rest of the tasks in this manual on your own System/36.

Appendix C. Configuring the Ideographic Version of the SSP

The configuration of the ideographic version of the SSP is the same as described in this manual with the following exceptions:

Getting Ready

- The ideographic version of the SSP is contained on 21 diskettes.
- To get your diskette magazines ready:
 - Number the first three magazines *SSP Magazine 1*, *SSP Magazine 2*, and *SSP Magazine 3*.
 - Insert the first ten SSP diskettes (labeled 5727-SS1) into *SSP Magazine 1*. Insert the next ten SSP diskettes into *SSP Magazine 2*. Insert the last SSP diskette into *SSP Magazine 3*. Do not leave any empty slots between diskettes.
 - The Program Products and SSP Features may be inserted in the last four magazines as indicated.

Task 1. Getting Your System/36 Up and Running

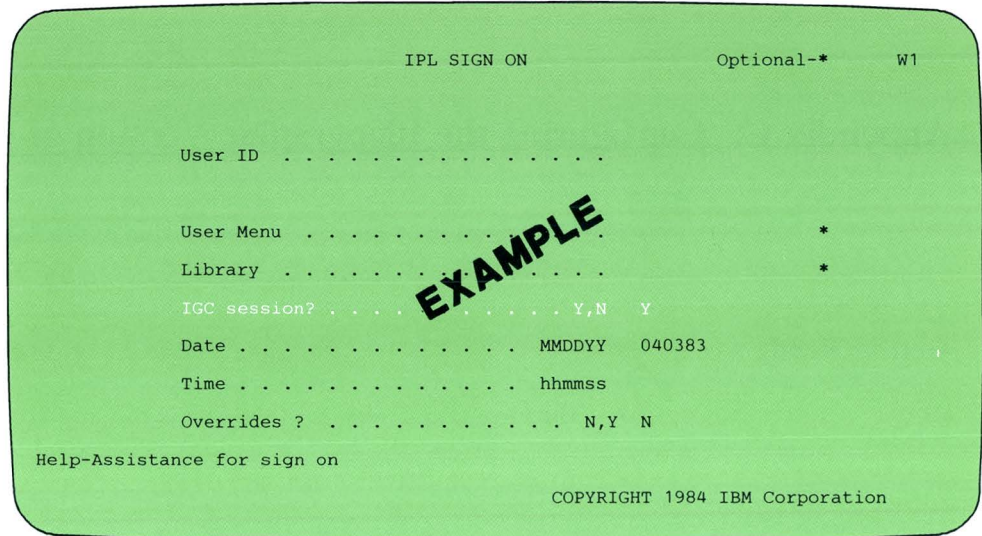
Step 1-4B: To insert a diskette in a single-slot diskette drive:

Insert the diskettes into the single-slot diskette drive as indicated. Note, however, the diskettes will be labeled volume 01 of 21, volume 02 of 21, and so on.

Step 1-5: To install the SSP:

Note that the displays shown at the system console prompt you to insert diskette 2 of 21, diskette 3 of 21, and so on. Also notice the prompts skip certain diskettes. They contain support needed later during system configuration.

Step 1-7a: If you have just installed the ideographic version of the SSP, an additional prompt will appear on the sign on display:



S9022089-0

This prompt allows you to specify whether you want system messages and displays shown using ideographic characters. The default value for this prompt is Y (yes). If you specify N (no), Katakana or alphameric characters will be shown on system displays.

Task 2. Building a Configuration Member

Step 2-41: If you have an ideographic system, prompts 4 and 5 will also be shown on display 20.0:

```
20.0                                CNFIGSSP - OPTIONAL SSP SUPPORT                                SYSCNFIG W1

Type a '+'(plus) for each item that is to be added.
Type a '-'(minus) for each item that is to be deleted.
Blank indicates no change.

1. Additional SSP help text . . . . . +
3. Online problem determination
   support for communications . . . . . +
4. Character generator utility (CGU) . . . . . +
5. IGC sort . . . . .

10. Character generator utility (CGU) . . . . .
11. IGC SORT . . . . .
* - Indicates support that is currently on the system
& - Indicates support that will be copied during a rebuild
   of the master configuration record
Cmd3-Previous menu          Cmd19-Cancel
```

s9022520

Appendix D. Decreasing the Size of the System Library

Step 1: Enter option 7 (*Define the system and its users*) from the Main Help menu.

```
MAIN W1
Main System/36 help menu

Select one of the following:

1. Display a user menu
2. Perform general system activities
3. Use and control printers, diskettes, or tape
4. Work with libraries, files, or folders
5. Use programming languages and utilities
6. Communicate with another system or user
7. Define the system and its users
8. Problem determination and service
9. Use office products
10. Sign off the system

Cmd3-Previous menu  Cmd7-End  Cmd12-How to use help  Home-Sign on menu
Ready for option number or command

(c) 1985 IBM Corp.
```

Type in a 7 and press the Enter key.

S9022090-2

Step 2: Enter option 2 (*Configure devices and system programs*) from the DEFSYS menu.

```
DEFSYS W1
Define the system and its users

Select one of the following:
1. Define system security
2. Configure devices and system programs
3. Define communications
4. Set the automatic response severity level
5. Use and maintain remote files (DDM)

Cmd3-Previous menu  Cmd7-End  Cmd5-Main help menu  Home-Sign on menu
Ready for option number or command
2
(c) 1985 IBM Corp.
```

Type in a 2 and press the Enter key.

S9022091-1

Step 3: Enter option 10 (*Configuration support aids*) from the CNFIGSSP main menu.

```
1.0 CNFIGSSP - MAIN MENU W1
Select one of the following:
1. How to use CNFIGSSP
2. Create, change, or delete a configuration member
3. Review a configuration
4. Print a configuration
10. Configuration support aids
12. Apply change to the master configuration record
13. Rebuild the master configuration record (update to next release)
14. End CNFIGSSP
Option: 10

Cmd3-Previous menu

Help text is available throughout the CNFIGSSP procedure by pressing the Help key
```

s9022530

Step 4: Enter option 3 (*Calculate #LIBRARY size and user area available in main storage*) from the CNFIGSSP support aids menu.

```
34.0                                CNFIGSSP - SUPPORT AIDS  MENU                                W1

Specify the menu choice . . . . . 3
1. Condense a library (CONDENSE procedure)
2. Increase library size
3. Calculate #LIBRARY size and user area available in main storage
4. Number of diskettes needed to save a library

Cmd3-Previous menu
```

s9022531

Step 5: To specify the configuration member that is to be used for calculating the size of the system library (#LIBRARY):

```
3.0                                CONFIGURATION MEMBER DEFINITION                                W1
                                Support Aids

Member name . . . . . SYSCNFIG
Library name . . . . . #CNFGLIB

Cmd3-Previous menu      Cmd19-Cancel
```

s9022532

- a. Type in the name of the configuration member you used to copy to the master configuration record.
- b. Type in the name of the library in which the configuration member is stored.
- c. Press the Enter key.

Step 6: To find the number of recommended blocks needed for #LIBRARY:

```
34.0                                CNFIGSSP - SUPPORT AIDS                                W1

    3. Calculate #LIBRARY size and user area available in main storage

Size of #LIBRARY in blocks . . . . . 002969
Size of #LIBRARY in sectors . . . . . 029690
Size of user available area . . . . . 083K

Cmd3-Previous menu
```

S9022100-2

- a. Note the prompt *Size of #LIBRARY in blocks*. The value shown is the recommended size for #LIBRARY based on the configuration member you specified. The value in this example is 2969 blocks. Add 100 blocks to the value shown. For this example, the value is 3069. Write your value down on a piece of paper because it will be needed later in this appendix.
- b. Press the Enter key.

Step 7: Press command key 3 to return to display 1.0.

Step 8: Enter option 14 (*End CNFIGSSP*) on display 1.0.

```
1.0          CNFIGSSP - MAIN MENU          W1
Select one of the following:
  1. How to use CNFIGSSP
  2. Create, change, or delete a configuration member
  3. Review a configuration
  4. Print a configuration

 10. Configuration support aids

 12. Apply change to the master configuration record
 13. Rebuild the master configuration record (update
     to next release)
 14. End CNFIGSSP

Option:      14

Cmd3-Previous menu

Help text is available throughout the CNFIGSSP
procedure by pressing the Help key
```

s9022534

Step 9: Press command key 5 to display the Main help menu if it is not already displayed.

```
          Main System/36 help menu          W1
Select one of the following:
  1. Display a user menu
  2. Perform general system activities
  3. Use and control printers, diskettes, or tape
  4. Work with libraries, files, or folders
  5. Use programming languages and utilities
  6. Communicate with another system or user
  7. Define the system and its users
  8. Problem determination and service
  9. Use office products
 10. Sign off the system

Cmd3-Previous menu  Cmd7-End      Cmd12-How to use help  Home-Sign on menu
Ready for option number or command

(c) 1985 IBM Corp.
```

s9022535

Step 10: Enter the following to change the session library:

```
SLIB      #CNFGLIB
```

Step 11: To decrease the size of #LIBRARY, type in the following and press the Help key:

```
ALOCLIBR
```

The following display is shown:

```

                                ALOCLIBR PROCEDURE                                Optional-*
                                Changes the size of a library or its directory

Name of library to have its size changed . . . . . #CNFGLIB
New size; or increase or decrease amount
  for reallocated library in blocks . . . . . 1-15000      *
New size; or increase or decrease amount
  for reallocated directory in sectors . . . . . 1-2500    *
Increase or decrease library or
  directory size . . . . . DECR,INCR                      *
Preferred disk location . . . . . A1,A2,A3,A4,block number *

Cmd3-Previous menu      Cmd4-Put on job queue      (c) 1984 IBM Corp.

```

s9022536

- a. *Name of library to have its size changed:* Type in #LIBRARY.
- b. *New size; or increase or decrease amount for reallocated library in blocks:* Type in the value from Step 6. Our example value was 3069.

The following display is the example:

```
ALOCLIBR PROCEDURE                               Optional-*
Changes the size of a library or its directory

Name of library to have its size changed . . . . . #LIBRARY
New size; or increase or decrease amount
  for reallocated library in blocks . . . . . 1-15000 3069 *
New size; or increase or decrease amount
  for reallocated directory in sectors . . . . . 1-2500 *
Increase or decrease library or
  directory size . . . . . DECR,INCR *
Preferred disk location . . . . . A1,A2,A3,A4,block number *

Cmd3-Previous menu      Cmd4-Put on job queue      (c) 1984 IBM Corp.
```

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c. Press the Enter key.

The system library (#LIBRARY) size is set to the value you specified.

Go to “What You Should Do Now” following Task 5.

Glossary

#LIBRARY. The library, provided with the system, that contains the System Support Program Product. See *system library*.

adapter. See *communications adapter*.

address. (1) A name, label, or number that identifies a location in storage, a device in a network, or any other data source. (2) In PS/36, an 8-byte code required for sign-on and the distribution of mail.

address switches. Switches that you set to represent the address of a work station.

alert. An error message sent to the system services control point (SSCP) at a host system. On System/36, the problem management portion of the Communications and Systems Management feature is used to generate and send alerts.

allocate. To assign a resource, such as a disk file or a diskette file, to perform a specific task.

alphabetic character. Any one of the letters A through Z (uppercase and lowercase). Some program products extend the alphabet to include the special characters #, \$, and @.

alphanumeric. Consisting of letters, numbers, and often other symbols, such as punctuation marks and mathematical symbols.

alternative system console. A command display station that can be designated as the system console.

application. (1) A particular business task, such as inventory control or accounts receivable. (2) A group of related programs that apply to a particular business area, such as the Inventory Control or the Accounts Receivable application.

application program. A program used to perform an application or part of an application.

assembler. A program that converts assembler language statements to machine instructions.

assembler language. A symbolic programming language in which the set of instructions includes the instructions of the machine and whose data structures correspond directly to the storage and registers of the machine.

attribute. A characteristic. For example, an attribute for a displayed field could be blinking.

autoanswer. In data communications, the ability of a station to receive a call over a switched line without operator action. Contrast with *manual answer*.

autocall. In data communications, the ability of a station to place a call over a switched line without operator action. Contrast with *manual call*.

autowriter. A System Support Program Product option that causes the spool writer program to be loaded without operator action whenever output exists in the spool file. See also *spool writer*.

back up. To copy information, usually onto diskette or tape, for safekeeping.

backup copy. A copy, usually of a file, library member, or folder, that is kept in case the original is unintentionally changed or destroyed.

BASIC (beginner's all-purpose symbolic instruction code). A programming language designed for interactive systems and originally developed at Dartmouth College to encourage people to use computers for simple problem-solving operations.

basic ideographic character set. A character set defined by IBM that contains 3226 Kanji and 481 additional characters. The additional characters include Katakana, Hiragana, the alphabet (A through Z and a through z), numbers (0 through 9), Roman numerals (I through X), Greek, Cyrillic, and special symbols. Contrast with *extended ideographic character set*; see also *ideographic character set*.

binary synchronous communications (BSC). A form of communications line control that uses transmission control characters to control the transfer of data over a communications line. Compare with *synchronous data link control (SDLC)*.

block. (1) A group of records that is recorded or processed as a unit. Same as *physical record*. (2) Ten sectors (2560 bytes) of disk storage. (3) In data communications, a group of records that is recorded, processed, or sent as a unit. (4) In DW/36, a sequential string of text (defined using the cursor movement keys or line commands) that is treated as a unit.

bps. Bits per second.

BSC. See *binary synchronous communications (BSC)*.

C & SM. See *Communications and Systems Management (C & SM)*.

cable thru feature. A special feature that allows multiple work stations to be attached to a particular line.

call. (1) To activate a program or procedure at its entry point. Compare with *load*. (2) In data communications, the action necessary in making a connection between two stations on a switched line.

cancel. To end a task before it is completed.

CCITT. Consultative Committee on International Telegraphy and Telephone.

CGU. See *character generator utility (CGU)*.

character. A letter, digit, or other symbol.

character generator utility (CGU). A program that is used to create, maintain, and display ideographic characters.

character key. A keyboard key that allows the user to enter the character shown on the key. Compare with *command keys* and *function key*.

character set. A group of characters used for a specific reason; for example, the set of characters a printer can print.

check. (1) An error condition. (2) To look for a condition.

clocking. In data communications, a method of controlling the number of data bits sent on a communications line in a given time.

COBOL (common business-oriented language). A high-level programming language, similar to English, that is used primarily for commercial data processing.

code. (1) Instructions for the computer. (2) To write instructions for the computer. Same as *program*. (3) A representation of a condition, such as an error code.

column separator. A symbol on each side of a position of a field on a display. This symbol does not occupy a position on the display.

command. A request to perform an operation or a procedure.

command display station. A display station from which an operator can start and control jobs. A command display station can become an alternative system console, can be designated as a subconsole, and can also be used as a data display station. See also *alternative system console*, *data display station*, and *subconsole*.

command keys. The keys on the display station keyboard that are used to request specific programmed actions. Compare with *character key* and *function key*.

communications adapter. A hardware feature that enables a computer or device to become a part of a data communications network.

Communications and Systems Management (C & SM). A feature of the System Support Program Product that contains the change management support (also referred to as DSNX) and the problem management support, which allows System/36 to generate and send alerts.

communications line. The line over which data communications takes place; for example, a telephone line.

condition. An expression in a program or procedure that can be evaluated to a value of either true or false when the program or procedure is running.

configuration. The group of machines, devices, and programs that make up a data processing system. See also *system configuration*.

configuration member. In data communications, a member that defines the attributes of a communications subsystem or line.

configure. (1) To describe (to the system) the devices, optional features, and program products installed on a system. (2) To describe to SSP-ICF both the communication facilities connected to System/36 and the attributes of the subsystem and remote system.

control panel. A panel that contains lights and keys used to observe and operate the status of the operations within the system.

control station. The primary or controlling computer on a multipoint line. The control station controls the sending and receiving of data.

control storage. Storage in the computer that contains the programs used to control input and output operations and the use of main storage. Contrast with *main storage*.

controller. Circuitry or a device used to coordinate and control the operation of one or more devices.

creation date. The program date at the time a file is created. See also *program date*, *session date*, and *system date*.

current library. The first library searched for any required members. The current library can be specified during sign-on or while running programs and procedures.

cursor. A movable symbol (such as an underline) on a display, usually used to indicate to the operator where to type the next character.

data communications. The transmission of data between computers and/or remote devices (usually over a long distance).

data display station. A display station from which an operator can only enter data. A data display station is acquired and controlled by a program. Contrast with *command display station*.

Data Encryption Subroutine. A feature of the System Support Program Product that codes and decodes data for security purposes. This subroutine is only used by the SSP-ICF Finance subsystem.

data file utility (DFU). The part of the Utilities Program Product that is used to create, maintain, display, and print disk files.

DDM. See *Distributed Data Management (DDM)*.

DDSA. See *digital data service adapter (DDSA)*.

default printer. A printer that accepts all the printed output from a display station that is assigned to it.

default value. A value stored in the system that the system uses when no other value is specified.

delete. To remove. For example, to delete a file.

device code. A 2-character code used during system configuration to identify the models of display stations and printers.

DFU. See *data file utility (DFU)*.

digit. Any of the numerals from 0 through 9.

digital data service adapter (DDSA). In data communications, a device used when transmitting data using the AT&T nonswitched digital data system. Compare with *modulator-demodulator (modem)*.

disk. A storage device made of one or more flat, circular plates with magnetic surfaces on which information can be stored.

disk drive. The mechanism used to read and write information on disk.

disk file. A set of related records on disk that is treated as a unit.

diskette. A thin, flexible magnetic plate that is permanently sealed in a protective cover. It can be used to store information copied from the disk or to exchange information with other computers.

diskette drive. The mechanism used to read and write information on diskettes.

diskette magazine drive. A diskette drive that holds up to two magazines plus three individual diskettes.

diskette 1. A diskette that contains information on only one side.

diskette 2D. A diskette that contains information on both sides, and with two times the amount of information stored in the same space as a diskette 1. Therefore, a diskette 2D holds approximately four times the amount of information as a diskette 1.

display. (1) A visual presentation of information on a display screen. (2) To show information on the display screen.

display screen. The part of the display station on which information is displayed.

display station. A device that includes a keyboard from which an operator can send information to the system and a display screen on which an operator can see the information sent to or the information received from the system.

DisplayWrite/36 (DW/36). A program product that can be used for creating, revising, browsing, and printing documents that are produced in an office environment.

Distributed Data Management (DDM). A feature of the System Support Program Product that allows an application program to work on files that reside on a remote system.

Distributed Systems Executive (DSX). A program product available for IBM host systems (System/370, 43XX, and 30XX) that allows the host system to get, send, and remove files, programs, formats, and procedures in a network of computers.

distributed systems node executive (DSNX). Another name for the change management support offered by the Communications and Systems Management feature. This support processes changes sent by a DSX host system.

DSNX. See *distributed systems node executive (DSNX)*.

DSX. See *Distributed Systems Executive (DSX)*.

dual cluster feature. A hardware feature that allows up to eight display stations and printers to be attached to a remote controller. See *single cluster feature*.

DW/36. See *DisplayWrite/36 (DW/36)*.

EIA. Electronic Industries Association.

emulation. Imitation; for example, the imitation of a computer or device.

enter. To type in information from a keyboard and press the Enter key in order to send the information to the computer.

extended ideographic character set. An ideographic character set, residing in auxiliary storage, that contains 3483 IBM-supplied ideographic characters and up to 4370 user-defined ideographic characters. Contrast with *basic ideographic character set*; see also *ideographic character set*.

feature. A programming or hardware option, usually available at an extra cost.

field. One or more characters of related information (such as a name or an amount).

file. A set of related records treated as a unit.

file name. The name used by a program to identify a file. See also *label*.

folder. A named area on disk that contains either documents, profiles, office support information, or data definitions.

FORTTRAN (formula translation). A high-level programming language used primarily for scientific, engineering, and mathematical applications.

function key. A keyboard key that requests an action but does not display or print a character. The cursor movement and Help keys are examples of function keys. Compare with *command keys* and *character key*.

hardware. The equipment, as opposed to the programming, of a system.

help support. See *system help support*.

history file. A file that contains a log of system actions and operator responses.

host system. The primary or controlling computer in a communications network. See also *control station*.

ID. Identification.

IDDU. See *interactive data definition utility (IDDU)*.

ideographic. Pertaining to 2-byte characters consisting of pictograms, symbolic characters, and other types of symbols.

ideographic character set. The combination of the basic and extended ideographic character sets; see also *basic ideographic character set* and *extended ideographic character set*.

ideographic session. A display station operating session during which ideographic data is used for system communication with the operator.

ideographic sort utility. A program that sorts ideographic data.

ideographic support. The hardware and programming elements that allow processing of ideographic data.

IGC. See *ideographic*.

informational message. A message that provides information to the operator, but does not require a response.

initial program load (IPL). The process of loading the system programs and preparing the system to run jobs.

initialize. To prepare for use. For example, to initialize a diskette.

input. Data to be processed.

Interactive Communications Feature (SSP-ICF). A feature of the System Support Program Product that allows a program to interactively communicate with another program or system.

interactive data definition utility (IDDU). The part of the System Support Program Product used to define the characteristics of data and the contents of files.

IPL. See *initial program load (IPL)*.

job. (1) A unit of work to be done by a system. (2) One or more related procedures or programs grouped into a procedure.

job queue. A list of jobs waiting to be processed by the system.

K-byte. 1024 bytes.

Kanji. (1) The ideographic character set used by the Japanese to represent their native language. (2) A single character in the ideographic character set.

Katakana. A native Japanese character set that is used primarily to write foreign words phonetically.

key. One or more characters used to identify the record and establish the record's order within an indexed file.

label. (1) The name in the disk or diskette volume table of contents or on a tape that identifies a file. See also *file name*. (2) The name that identifies a statement.

library. (1) A named area on disk that can contain programs and related information (not files). A library consists of different sections, called library members. (2) The set of publications for a system.

library directory. An area, in a library, that contains information about each member in the library; for example, the member name and the location.

library member. A named collection of records or statements in a library. The types of library members are *load member*, *procedure member*, *source member*, and *subroutine member*.

licensed application program. A set of licensed programs used to perform a particular data processing task, such as a distribution management application or a construction management application.

licensed program. An IBM-written program that performs functions related to processing user data.

load. (1) To move data or programs into storage. (2) To place a diskette into a diskette drive or a magazine into a diskette magazine drive. (3) To insert paper into a printer.

load member. A library member that contains information in machine language, a form that the system can use directly. Contrast with *source member*.

load module. A program in a form that can be loaded into main storage and run. The load module is the output of the overlay linkage editor.

local. Pertaining to a device, file, or system that is accessed directly from your system, without the use of a communications line. Contrast with *remote*.

magazine. A container that holds up to 10 diskettes.

magnetic ink. An ink that contains particles of a magnetic substance whose presence can be detected by magnetic sensors.

magnetic ink character recognition. The identification of characters through the use of magnetic ink.

magnetic stripe reader. A device, attached to a display station, that reads data from a magnetic stripe on a badge before allowing an operator to sign on.

magnetic tape. See *tape*.

magnetic tape unit. A device for reading or writing data from or on magnetic tape.

main storage. The part of the processing unit where programs are run. Contrast with *control storage*.

manual answer. In data communications, a line type requiring operator actions to receive a call over a switched line. Contrast with *autoanswer*.

manual call. In data communications, a line type requiring operator actions to place a call over a switched line. Contrast with *autocall*.

master configuration record. Information, stored on disk, that describes system characteristics; for example, system date format, disk capacity, and main storage capacity.

megabyte. One million bytes.

member. See *library member*.

menu. A displayed list of items from which an operator can make a selection.

message. (1) Information sent to one or more users or display stations from a program or another user. A message can be either displayed or printed. (2) An indication of the condition of the system sent by the system. (3) For IMS/IRSS, a unit of data sent over the communications line.

MLCA. See *multiline communications adapter/attachment (MLCA)*.

modem. See *modulator-demodulator (modem)*.

modulator-demodulator (modem). A device that converts data from the computer to a signal that can be transmitted on a communications line, and converts the signal received to data for the computer.

MSRJE. See *Multiple Session Remote Job Entry (MSRJE)*.

multiline communications adapter/attachment (MLCA). A feature that allows up to four communication lines to be connected to System/36.

multinational character set. An option that makes an expanded set of 188 characters available to countries with supported language groups.

Multiple Session Remote Job Entry (MSRJE). A feature of the System Support Program Product that allows one or more remote job entry sessions to operate on a host system, such as a System/370, or a 30XX or 43XX processor, at the same time.

network. A collection of data processing products connected by communication lines for information exchange between stations.

non-return-to-zero inverted (NRZI). On System/36, a method of data transmission where the signal is changed to transmit a 0 bit. For the 1 bit the signal stays the same. This ensures that the signal does not stay the same for an extended period of time.

nonswitched line. A connection between computers or devices that does not have to be established by dialing. Contrast with *switched line*.

NRZI. See *non-return-to-zero inverted (NRZI)*.

numeric. Pertaining to any of the digits 0 through 9.

office products. A group of IBM-supplied programs that work together to help an office operate more efficiently. The office products are DisplayWrite/36 (DW/36), Personal Services/36 (PS/36), and Query/36. The interactive data definition utility (IDDU) can be used to define files used by DW/36 and Query/36.

OFFICE/36. The group of office products: DisplayWrite/36 (DW/36), Personal Services/36 (PS/36), and Query/36.

offline. Neither controlled directly by, nor communicating with, the computer, or both. Contrast with *online*.

online. Being controlled directly by, or directly communicating with, the computer, or both. Contrast with *offline*.

online information. Help support that offers guide and reference information about the office products.

output. The result of processing data.

parameter. A value supplied to a procedure or program that either is used as input or controls the actions of the procedure or program.

password security. A System Support Program Product option that helps prevent the unauthorized use of a display station, by checking the password entered by each operator at sign-on.

PC Support/36. A group of programs that can be used to transfer data from a System/36 to an IBM Personal Computer, to use disk storage on System/36 as Personal Computer disk storage, and to use printers attached to System/36 as a Personal Computer printer.

Personal Services/36 (PS/36). A program product that can be used to send and receive mail, schedule appointments on calendars, maintain directories of names and addresses, and work with groups of users or calendars.

physical record. (1) A group of records that is recorded or processed as a unit. Same as *block*. (2) A unit of data that is moved into or out of the computer.

PID. See *Program Information Department (PID)*.

port. A part of the system unit or remote controller to which cables for display stations and printers are attached.

position. The location of a character in a series, as in a record, a displayed message, or a computer printout.

print image. A character set that corresponds to the characters on a print belt.

printout. Information from the computer that is produced by a printer.

problem determination. The process of identifying why the system is not working. Often this process identifies programs, equipment, data communications facilities, or user errors as the source of the problem.

procedure. A set of related operation control language statements (and, possibly, utility control statements and procedure control expressions) that cause a specific program or set of programs to be performed.

procedure member. A library member that contains the statements (such as operation control language statements) necessary to perform a program or set of programs.

processing unit. The part of the system unit that performs instructions and contains main storage.

program. (1) A sequence of instructions for a computer. See *source program* and *load module*. (2) To write a sequence of instructions for a computer. Same as *code*.

program date. The date associated with a program (job step). See also *creation date*, *session date*, and *system date*.

Program Information Department (PID). The IBM group responsible for distributing a program release.

program product. A licensed program for which a fee is charged.

program temporary fix (PTF). A temporary solution to or bypass of a defect in a current release of a licensed program.

prompt. A displayed request for information or operator action.

PS/36. See *Personal Services/36 (PS/36)*.

PTF. See *program temporary fix (PTF)*.

Query/36. A program product that produces files and reports of data from files. The file must be linked to a file definition created with IDDU.

queue. A line or list formed by items waiting to be processed.

record. A collection of fields that is treated as a unit.

remote. Pertaining to a device, file, or system that is accessed by your system through a communications line. Contrast with *local*.

remote controller. A device, attached to a communications line, that controls the operation of one or more remote display stations and printers.

remote job entry (RJE). Sending job instructions and possibly data to a remote system requesting it to run a job.

Remote Operation/Support Facility (ROSF). An implementation that allows an operator at a remote support group to use a remote display station (and an optional remote printer) to provide operational and technical assistance.

resource security. A System Support Program Product option that restricts the use of information in files, libraries, folders, and folder members to specified users.

RJE. See *remote job entry (RJE)*.

ROSF. See *Remote Operation/Support Facility (ROSF)*.

RPG. A programming language specifically designed for writing application programs that meet common business data processing requirements.

screen design aid (SDA). The part of the Utilities Program Product that helps the user design, create, and maintain displays and menus. Additionally, SDA can generate specifications for RPG and WSU work station programs.

SDA. See *screen design aid (SDA)*.

SDLC. See *synchronous data link control (SDLC)*.

sector. (1) An area on a disk track or a diskette track reserved to record information. (2) The smallest amount of information that can be written to or read from a disk or diskette during a single read or write operation.

security. The protection of data, system operations, and devices from accidental or intentional ruin, damage, or exposure.

session date. The date associated with a session. See also *creation date, program date, and system date*.

SEU. See *source entry utility (SEU)*.

sign off. To end a session at a display station.

sign on. (Verb) To begin a session at a display station.

sign-on. (Noun) The action an operator uses at a display station in order to begin working at the display station.

single cluster feature. A hardware feature that allows up to four display stations and printers to be attached to a remote controller. See *dual cluster feature*.

single line communications adapter/attachment (SLCA). In data communications, a feature that allows a single communications line to be connected to System/36.

SLCA. See *single line communications adapter/attachment (SLCA)*.

SNA. See *systems network architecture (SNA)*.

SNA Upline Facility (SNUF). The SSP-ICF subsystem that allows System/36 to communicate with CICS/VS and IMS/VS application programs.

SNUF. See *SNA Upline Facility (SNUF)*.

sort utility. The part of the System Support Program Product used to arrange records (or their relative record numbers) in a sequence determined by data contained in one or more fields within the records.

source entry utility (SEU). The part of the Utilities Program Product used by the operator to enter and update source and procedure members.

source member. A library member that contains information in the form in which it was entered, such as RPG specifications. Contrast with *load member*.

source program. A set of instructions that are written in a programming language and that must be translated to machine language before the program can be run.

spool file. A disk file that contains output that has been saved for later printing.

spool intercept buffer. An area of main storage containing printer data that is being written in the spool file.

spool writer. The part of the System Support Program Product that prints output that has been saved in the spool file.

spooling. The part of the System Support Program Product that saves output on disk for later printing.

SSCP. See *system services control point (SSCP)*.

SSP. See *System Support Program Product (SSP)*.

SSP-ICF. See *Interactive Communications Feature (SSP-ICF)*.

status. A condition. For example, the status of a printer, a job, or a communications line.

subconsole. A display station that controls a printer or printers.

subroutine. A group of instructions that can be called by another program or subroutine.

subroutine member. A library member that contains information that must be combined with one or more members before being run by the system.

subsystem. The part of communications that handles the requirements of the remote system, isolating most system-dependent considerations from the application program.

switched line. In data communications, a connection between computers or devices that is established by dialing. Contrast with *nonswitched line*.

synchronous. Occurring in a regular or predictable sequence.

synchronous data link control (SDLC). A form of communications line control that uses commands to control the transfer of data over a communications line. Compare with *binary synchronous communications (BSC)*.

system. The computer and its associated devices and programs.

system configuration. A process that specifies the machines, devices, and programs that form a particular data processing system.

system console. A display station from which a user can keep track of and control system operation.

system date. The date assigned by the system operator during the initial program load procedure. See also *creation date, program date, and session date*.

system help support. The part of the System Support Program Product that uses menus, prompts, and descriptive text to aid an operator.

system library. The library, provided with the system, that contains the System Support Program Product and is named #LIBRARY.

system printer. The printer that is used for any printed output that is not specifically directed to another printer.

system security. A system function that restricts the use of files, libraries, folders, folder members, and display stations to certain users.

system services control point (SSCP). A focal point within an SNA network for managing the configuration, coordinating network operator and problem determination requests, and providing directory support and other session services for network users.

System Support Program Product (SSP). A group of licensed programs that manage the running of other programs and the operation of associated devices, such as the display station and printer. The SSP also contains utility programs that perform common tasks, such as copying information from diskette to disk.

system unit. The part of the system that contains the processing unit, the control panel, the disk drive and the disk, and either a diskette drive or a diskette magazine drive.

systems network architecture (SNA). A set of rules for controlling the transfer of information in a data communications network.

tape. A thin, flexible magnetic surface on which data can be stored. It can be used to store information copied from the disk.

tape drive. The mechanism used to read and write information on magnetic tapes.

task work area. An area on disk containing control information and work areas related to a specific task.

track. A circular path on the surface of a disk or diskette on which information is magnetically recorded and from which recorded information is read.

translation table. A table that provides replacement characters for characters that cannot be printed by the 3262 printer.

unique. The only one.

Utilities Program Product. A program product that contains the data file utility (DFU), the source entry utility (SEU), the work station utility (WSU), and the screen design aid (SDA).

verify. To confirm the correctness of something.

volume table of contents (VTOC). An area on a disk or diskette that describes the location, size, and other characteristics of each file and library on the disk or diskette.

VTOC. See *volume table of contents (VTOC)*.

work station. A device that lets people transmit information to or receive information from a computer; for example, a display station or printer.

work station utility (WSU). The part of the Utilities Program Product that helps you to write programs for data entry, editing, and inquiry.

WSU. See *work station utility (WSU)*.

X.21. In data communications, a specification of the CCITT that defines the connection of data terminal equipment to an X.21 (public data) network.

X.21 feature. The feature that allows System/36 to be connected to an X.21 network.

X.25. In data communications, a specification of the CCITT that defines the interface to an X.25 (packet switching) network.

X.25 feature. The feature that allows System/36 to connect to an X.25 network.

1024-byte format. A format for diskette 2D diskettes with 1024 bytes per sector and 8 sectors per track.

1255 Magnetic Character Reader. A device that reads documents printed with magnetic ink characters.

128-byte format. A format for diskette 1 diskettes with 128 bytes per sector and 26 sectors per track.

256-byte format. A format for diskette 2D diskettes with 256 bytes per sector and 26 sectors per track.

3270 BSC Support subsystem. The subsystem that provides program-to-program communications with IMS/VS, CICS/VS, TSO, VM, or system application programs using 3270 BSC protocols, and provides support for the BSC portion of the 3270 Device Emulation feature.

3270 Device Emulation. A feature of the System Support Program Product that allows a System/36 local or remote device to appear as a 3270 device to another system.

3270 SNA Support subsystem. The subsystem that provides support for the SNA portion of the 3270 Device Emulation feature.

512-byte format. A format for diskette 1 diskettes with 512 bytes per sector and 8 sectors per track.

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