







**Program Directory for  
NetView Version 3 for MVS/ESA**

Version 3

Program Number 5655-007

FMID HPZ8100

MVS/ESA

Document Date: February 16, 1996

PRGDIR865V

**Note!**

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This program directory, dated February 16, 1996, applies to NetView Version 3 for MVS/ESA Program Number 5655-007 for the following:

F MID	Feature Numbers	System Name	F MID	Feature Numbers	System Name
HPZ8100	5831, 5832, 5108, 5109, 5821, 5822, 5106, 5107, 5811, 5812, 5101, 5102, 5734, 5735, 5736, 5740, 5741, 5742	MVS/ESA	JPZ8101	5831, 5832, 5108, 5109, 5821, 5822, 5106, 5107, 5811, 5812, 5101, 5102, 5734, 5735, 5736, 5740, 5741, 5742	MVS/ESA
JPZ8102	5831, 5832, 5108, 5109, 5821, 5822, 5106, 5107, 5811, 5812, 5101, 5102, 5734, 5735, 5736, 5740, 5741, 5742	MVS/ESA	JPZ8110	5831, 5832, 5108, 5109, 5821, 5822, 5106, 5107, 5811, 5812, 5101, 5102, 5734, 5735, 5736, 5740, 5741, 5742	MVS/ESA
JPZ8111	5831, 5832, 5108, 5109, 5821, 5822, 5106, 5107, 5811, 5812, 5101, 5102, 5734, 5735, 5736, 5740, 5741, 5742	MVS/ESA	JPZ8114	5831, 5832, 5821, 5822, 5811, 5812, 5734, 5735, 5736	MVS/ESA
JPZ8115	5108, 5109, 5106, 5107, 5101, 5102, 5740, 5741, 5742	MVS/ESA	JPZ8120	5831, 5832, 5108, 5109, 5821, 5822, 5106, 5107, 5735, 5736, 5741, 5742	MVS/ESA
JPZ8124	5831, 5832, 5821, 5822, 5735, 5736	MVS/ESA	JPZ8125	5108, 5109, 5106, 5107, 5741, 5742	MVS/ESA
HPZ8130	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA	JPZ8131	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA
JPZ8132	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA	JPZ8133	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA
JPZ8134	5811, 5812, 5734	MVS/ESA	JPZ8135	5101, 5102, 5740	MVS/ESA
JPZ8136	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA	JPZ8140	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA
JPZ8144	5811, 5812, 5734	MVS/ESA	JPZ8145	5101, 5102, 5740	MVS/ESA
JPZ8150	5811, 5812, 5101, 5102, 5734, 5740	MVS/ESA	JPZ8154	5811, 5812, 5734	MVS/ESA
JPZ8155	5101, 5102, 5734, 5740	MVS/ESA	JPZ8156	5811, 5812, 5734	MVS/ESA
JPZ8157	5101, 5102, 5734, 5740	MVS/ESA			



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## 1.0 Introduction

This program directory is intended for the system programmer responsible for program installation and maintenance. It contains information concerning the material and procedures associated with the installation of NetView\* V3R1 for MVS/ESA\* (hereafter referred to as NetView Version 3). Read the entire document before installing the program, and keep this document for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 12 identifies the basic and optional program materials and documentation for NetView Version 3.
- 3.0, "Program Support" on page 26 describes the IBM\* support available for NetView Version 3.
- 4.0, "Program and Service Level Information" on page 29 contains information about the APARs (program level) and PTFs (service level) incorporated into NetView Version 3.
- 5.0, "Installation Requirements and Considerations for Remote Unattended System" on page 30 identifies the resources and considerations for installing and using NetView Version 3 Remote Unattended System.
- 6.0, "Installation Requirements and Considerations for the Procedural System" on page 44 identifies the resources and considerations for installing and using NetView Version 3 Procedural System.
- 7.0, "Installation Requirements and Considerations for the Enterprise System" on page 58 identifies the resources and considerations for installing and using NetView Version 3 Enterprise System.
- 8.0, "Installation Instructions" on page 77 provides detailed installation instructions for NetView Version 3.
- Appendix A, "NetView Version 3 Install Logic" on page 194 provides the install logic for NetView Version 3.
- Appendix B, "Program Level Information" on page 210 lists the APARs incorporated into NetView Version 3.

Before installing NetView Version 3, read 3.2, "Preventive Service Planning" on page 26. This section tells you how to find any updates to the information and procedures in this program directory.

Do not use this program directory if you are installing NetView Version 3 with an MVS Custom-Built Installation Process Offering (CBIPO\*) (5751-CS1). Instead, use the CBIPO Related Installation Materials (RIMs) provided with the CBIPO. The CBIPO RIMs will point you to specific sections of the program directory as required.

If you are installing NetView Version 3 using the MVS Custom-Built Product Delivery Offering (CBPDO\*) (5751-CS3), use the soft copy program directory provided on the CBPDO tape. Your CBPDO contains a soft copy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for NetView Version 3 are included on the CBPDO tape.

There are several considerations you should be aware of if you are migrating from a version of the NetView program prior to Version 3 or a NetView predecessor product. Library consolidations eliminate some former target libraries and add new target libraries. Refer to 8.0, "Installation Instructions" on page 77, 8.1.5.2, "APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 161, and 8.1.6.2, "ACCEPTing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 191 for more information.

If you wish to run more than one NetView program or a predecessor product with NetView Version 3, there are some installation issues you need to be aware of involving target and distribution zones as well as target and distribution libraries. Refer to 8.0, "Installation Instructions" on page 77, 8.1.5.2, "APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 161, and 8.1.6.2, "ACCEPTing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 191 for more information.

## 1.1 NetView Version 3 Ordering Options

When you ordered NetView Version 3 you specified two things:

- An installation option
- A National Language Support (NLS) option.

### NLS note

To install both NetView US English feature and NetView Japanese feature on the same CPU, they must be installed into separate global zones and separate target zones with maintenance applied to each independently. If you try to install both the NetView US English feature and the NetView Japanese feature into the same global or target zones, some features will not install correctly.

The materials you received for NetView Version 3 contain functions associated with all installation options and NLS choices.

Figure 1 shows the different ordering options and the components that are received with each option:

Figure 1 (Page 1 of 3). Ordering Option Components

Component	Ordering Option					
	Remote Unat-tended System ENU	Remote Unat-tended System JPN	Proce-dural System ENU	Proce-dural System JPN	Enter-prise System ENU	Enter-prise System JPN
NetView SNA Base HPZ8100	x	x	x	x	x	x
NetView SNA Base PL/I JPZ8101	x	x	x	x	x	x

Figure 1 (Page 2 of 3). Ordering Option Components

Component	Ordering Option					
	Remote Unattended System ENU	Remote Unattended System JPN	Procedural System ENU	Procedural System JPN	Enterprise System ENU	Enterprise System JPN
NetView SNA Base C/370 JPZ8102	x	x	x	x	x	x
NetView Full Base JPZ8110	x	x	x	x	x	x
NetView Full Base PL/I JPZ8111	x	x	x	x	x	x
NetView Full Base US English JPZ8114	x		x		x	
NetView Full Base Japanese JPZ8115		x		x		x
NetView Monitor Base JPZ8120			x	x	x	x
NetView Monitor US English JPZ8124			x		x	
NetView Monitor Japanese JPZ8125				x		x
NetView RODM Base HPZ8130					x	x
NetView RODM PL/I JPZ8131					x	x
NetView RODM C/370 JPZ8132					x	x
NetView RODM AD/Cycle LE/370 JPZ8133					x	x
NetView RODM US English JPZ8134					x	
NetView RODM Japanese JPZ8135						x
NetView RODM Methods JPZ8136					x	x
NetView SNATM Base JPZ8140					x	x
NetView SNATM US English JPZ8144					x	

Figure 1 (Page 3 of 3). Ordering Option Components

Component	Ordering Option					
	Remote Unattended System ENU	Remote Unattended System JPN	Procedural System ENU	Procedural System JPN	Enterprise System ENU	Enterprise System JPN
NetView SNATM Japanese JPZ8145						x
NetView GMF Base JPZ8150					x	x
NetView GMF US English JPZ8154					x	
NetView GMF Japanese JPZ8155						x
NetView GMF US English JPZ8156					x	
NetView GMF Japanese JPZ8157						x

## 1.1.1 NetView Version 3 Installation Options

When you ordered NetView Version 3 you specified an appropriate option pertaining to the environment where you planned to use the product. The installation options are:

- Remote Unattended System
- Procedural System
- Enterprise System

The Remote Unattended System, Procedural System, or Enterprise System option was ordered through the use of unique feature numbers.

The *NetView Installation and Administration Guide* provides instructions to set the appropriate installation option during the administration phase of installation.

### 1.1.1.1 NetView Version 3 Enterprise System Option

The Enterprise System option provides all of the function of NetView Version 3, and should be used on any system where an operations staff is expected to be present and where NetView-to-NetView sessions will be required. This option is appropriate for systems that will provide focal point operations for either network management or system automation. It allows an operations staff at a central site to support multiple systems, including both those in the same data center and those located at remote sites. The Enterprise System option provides the following functions in support of this environment:

- NetView Graphic Monitor Facility
- NetView Graphic Monitor Facility Host Subsystem
- Session monitor operator panels
- Hardware monitor operator panels
- Resource Object Data Manager (RODM)
- System Network Accounting and Topology Manager (SNATM)

### 1.1.1.2 NetView Version 3 Procedural System Option

The Procedural System option is a subset of the Enterprise System option. It contains all the base NetView function of the Enterprise System option, but does not contain the following:

- NetView Graphic Monitor Facility
- NetView Graphic Monitor Facility Host Subsystem
- Resource Object Data Manager (RODM)
- System Network Accounting and Topology Manager (SNATM)

You can install the Procedural System option from the Enterprise System option libraries if you have a DSLO license. Refer to *NetView Installation and Administration Guide* for complete instructions.

### 1.1.1.3 NetView Version 3 Remote Unattended System Option

For multiple host networks, you can install the Remote Unattended System option to manage networks from the central system NetView program. The Remote Unattended System option provides system and network management for remote hosts, as well as NetView-to-NetView communication.

You can install the Remote Unattended System option from the Enterprise System option libraries or the Procedural System option libraries if you have a DSLO license. Refer to *NetView Installation and Administration Guide* for complete instructions.

### 1.1.2 NetView Version 3 NLS Options

When you ordered NetView Version 3 you specified a language in which you want to run NetView Version 3. The NLS options for NetView Version 3 are:

- US English
- Japanese

The NLS option was specified through the use of unique feature numbers.

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## 1.2 NetView Graphic Monitor Facility

The NetView Graphic Monitor Facility was a separate orderable feature in Version 2. It has been included as part of the total deliverable package in Version 3, but only with the Enterprise System option. The workstation code is installed on the MVS host, and then downloaded to your workstation.

The installation procedure documented in the *NetView Graphic Monitor Facility Users Guide* describes the process of downloading and installing the NetView Graphic Monitor Facility workstation code onto a supported programmable workstation.

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## 1.3 GraphicsView/2

GraphicsView/2 is a former program product that provided graphics services for the NetView Graphic Monitor Facility. It has been integrated into the NetView Graphic Monitor Facility in NetView Version 3.

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## 1.4 Command Tree/2

Command Tree/2 is a former program product that provided assistance with issuing NetView commands without looking up syntax and punctuation. It has been integrated into the NetView Graphic Monitor Facility in NetView Version 3.

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## 1.5 NetView Installation and Administration Facility/2

NetView Installation and Administration Facility/2 (NIAF/2) is an OS/2\* workstation-based tool that lets you perform both host and workstation installation and administration tasks. NIAF/2 significantly reduces the amount of time it takes to install NetView Version 3. It also helps you maintain a current level of the NetView Version 3 program.

NIAF/2 features include:

- Context-sensitive help for each task and installation parameter
- Highlighted new and changed parameters for migrators
- Data validation for each installation parameter
- The ability to identify and track all activities using a log

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## 1.6 What's New in the NetView Version 3 Installation Procedures

This section gives an overview of major changes to the installation and migration procedure for NetView Version 3 that affect users who are migrating from V1R3, V2R1, V2R2, V2R3 and V2R4. For more information, see the Preventive Service Planning (PSP) bucket.

- In order to take advantage of the new functions available in SMP/E R8 or later, and to allow for the introduction of the new NetView Version 3 ordering options, NetView Version 3 has been restructured. Major functions, such as RODM and SNATM, have been packaged as separate FMIDs. In addition, within each function there may be several FMIDs based on national language (US English, Japanese) or on optional High Level Languages (such as PL/I, C370 or AD/Cycle LE/370). This allows you greater flexibility in deciding which High Level Languages you wish to use, and with SMP/E R8 or later it will allow SMP/E to manage all NetView parts that must be linked with HLL libraries. Previously you had to manage this yourself with post-apply linkedit jobs that were provided. Those post-apply linkedit jobs are no longer needed, and are no longer shipped with NetView Version 3.
- If you are installing Enterprise System you must **make** a decision when applying the RODM component. RODM will allow you to run with **either** AD/Cycle LE/370 or a combination of PL/I and C370 as your High Level Language, however you **cannot** mix them. If you are planning to run with AD/Cycle LE/370 you **must** apply FMID JPZ8133, but **not** FMIDs JPZ8131 or JPZ8132. You **MAY NOT** use AD/Cycle LE/370 if you intend to manage your systems and networks graphically which will include the usage of the NGMF, GMFHS, and SNA Topology components of NetView.

If you are running with PL/I you **must** apply FMID JPZ8131 and if you are also using C370 you **must** apply JPZ8132. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 84 on page 164 and Figure 85 on page 166 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 80 on page 158 to apply the FMID for your new HLL. Make sure that you **only** APPLY the FMID(s) for the HLL you are adding at this time. If you try to re-apply any other RODM FMIDs, SMP will inform you that you are re-applying an existing FMID.

Be careful when you transmit the linkedited datasets from one system to another. If the PL/I, C370, or LE/370 run time libraries are not at the same level on both systems, the NetView code may not run. Common symptoms would be S0C1, S0C4, and S0C7 abends.

- NetView installation samples now include the samples necessary to create a separate SMP/E environment for NetView products. Samples are included to allocate the required SMP/E data sets (SMPMTS, SMPPTS, SMPSTS, SMPLTS, SMPSCDS, SMPLOG and SMPLOGA), allocate and prime a global CSI, and define the global, target and distribution zones in one or more CSIs.
- Authority to Display Data Sets (Very Important)

NetView provides various ways for operators to display data. The chief methods are BROWSE, LIST PROFILE, LIST CLIST, and the pipe stages < and QSAM. The security for all these methods is consolidated in the **READSEC** command. **READSEC** does not, itself, display any data; the commands that *do* display data will derive their security from **READSEC**.

**SEVERE ERROR** Because security for other commands depends upon **READSEC**, the absence of a CMDMDL for this command is detected at NetView initialization and is treated as a severe error. The presence of scope protection (KEYCLASS and VALCLASS) statements on the BROWSE definition is also treated as a probable security problem.

When either of these problems is detected, NetView will implement a *"special security state"* forcing security failures for all data sets that might contain sensitive information. Message BNH115A is presented to all logons. To recover from the special security state, you must review the security procedures for **READSEC** and issue a REFRESH command using the CMDAUTH keyword.

NetView commands usually reference data by means of a DD name and a member name. You would protect the member DSIOPF in DSIPARM by treating DSIPARM as a keyword on **READSEC** and DSIOPF as the value of that keyword. The DD names protected in this manner are:

1. BNJPNL1
2. BNJPNL2
3. CNMPNL1
4. DSICLD
5. DSILIST
6. DSIMSG
7. DSIPARM
8. DSIPRF
9. DSIVTAM

The special DD, DSIOOPEN, and the help file repositories CNMMSGF and CNMCMDF are not intended to contain any sensitive data.

The pipe stage QSAM can access data either directly by its data set name (DSN) or by a DD name defined as sequential (including dynamically defined DD names) Therefore, additional security statements may be needed.

QSAM always resolves DD names to their underlying DSNs before the security test. The DSN is treated as a keyword and the member, if any, is treated as its value. Because DSNs are generally



more than eight characters, it is not possible to make specific restrictions on them using NetView Scope protection. The use of SAF or NetView Table security is recommended, however you may use the special keyword '(ALLDSN)' described below, to restrict *all* access to DSNs.

NetView uses a special keyword, (ALLDSN), to enable you use one security statement to restrict all access to DSNs and to DD names not in the list above. Note that this keyword *includes* the parentheses. When using this special keyword in security statements, do not include a value (member name). Restrictions on all access to a particular member name would be coded using a wild card (asterisk for table or SAF, '=OTHER' for scope) as a keyword.

Security for more general access to data -- for commands and functions that do not make the data accessible to the operator -- are not dependent on **READSEC**.

- Communications Manager/2 and VTAM 4.3 Connectivity

The following information details the necessary maintenance for anyone using CM/2 to communicate with VTAM 4.3:

If you will be using Communications Manager/2 in your network to communicate with VTAM 4.3, then you will need to apply the latest level of Communications Manager/2 "APPC" APAR Fixtests to your Communications Manager/2 systems.

To obtain a copy of this package, you can dial the Communications Manager/2 Bulletin Board (BBS) and download the appropriate package. (Refer to Info APAR II07033 for instructions on using the CM/2 Bulletin Board system.)

Instead of entering an APAR number, for option 2 under SERV you will need to enter the following package name for the specific level of CM/2 you are running:

Package Name	Product Version
CM2AP111	Communications Manager/2 1.11 (WR06150)
CM2AP110	Communications Manager/2 1.10 (WR06000)
CM2AP101	Communications Manager/2 1.0.1 (WR06050)

- If you are migrating from NetView V1R3, make sure you read the following sections for information regarding library changes from V1R3 to NetView Version 3:
  - 8.0, "Installation Instructions" on page 77
  - 8.1.5.2, "APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 161
  - 8.1.6.2, "ACCEPTing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 191
- Status monitor performance has been enhanced beginning in NetView V2R1 and VTAM\* V3R3. As a result, users should be aware that library SCNMLNK1 must be in the VTAMLIB concatenation list in the VTAM start procedure. There is only one module in this library for V3R1: ISTIECCE. In addition, NetView must be coded as non-swappable in the MVS program properties table and run in storage protection key 8. See "Updating the SCHEDxx Member" in the *NetView Installation and Administration Guide* for specific coding details.

- All NetView modules which reside in LPALIB have been moved to a separate library: SCNMLPA1. This library should be concatenated in your LPALSTxx member and prior levels should be deleted from LPALIB. See 8.0, "Installation Instructions" on page 77 for more information.
- BNJMISC has been deleted for NetView Version 3.
- NetView V2R4 has added two new target and distribution libraries, DSIPARM and DSIPRF. These libraries contain default NetView definitions and operator profiles for NetView V2R4. You may place any customized definition members or operator profile members into separate data sets and then concatenate these data sets above the default libraries. In this way you can receive maintenance, with no additional work, for any NetView definition member or operator profile member that you have not customized.
- A new target library, SEKGLNK1, has been added. You must add SEKGLNK1 to the LNKLSTxx member that defines the link-list for the target system.
- SCNMLNK1/SCNMLPA1 compatibility issues.

SCNMLNK1: The earlier versions of SCNMLNK1 are compatible as long as the constraints below are observed:

1. The V3R1 level of module ISTIECCE must reside in this library. Therefore, if you later revert to using V2R4, V2R3, V2R2 or V2R1, you must replace this module or library with the previous level.
2. If you intend to run V3R1 with downlevel NetView(s) in a network, you will need to apply the following apars to the other NetView systems:

<b>V2R2</b>	UW10667
<b>V2R3</b>	UW10799
<b>V2R4</b>	UW10668

3. Only one status monitor performance improvement may be active on any one VTAM. See the *NetView Administration Reference* for DSICNM for the O SECSTAT parameter.

SCNMLPA1: LPALIB modules are all downward compatible with prior releases (V1R3, V2R1, V2R2, V2R3 and V2R4). As long as you have the highest release level modules in this library, you may go between releases of NetView without doing any module replacement.

- The NLDM database keylength was changed from 54 to 27 as an SPE to NetView V1R3. It was incorporated in NetView V2R1 and all later releases. If you are migrating from a release earlier than this, or are migrating from one of the above releases but have not changed your keylength from 54 to 27, you should reallocate your VSAM database to have a keylength of 27.
- NetView Version 3 SSI is not compatible with prior versions of NetView. Users must end both the NetView Version 3 application and the SSI before starting a previous release of NetView. DSICTMOD is a constants module containing definitions upon which NetView Version 3 depends. Make sure you modify, assemble, and link-edit this module if you are migrating and want to keep changes you made to this module in a previous release.
- The workstation code for NetView Version 3 is not compatible with previous releases of NetView. Likewise, NetView Version 3 is not compatible with previous releases of workstation code.

- CNME1035, an important command list used at NetView startup, was changed in NetView V2R3. If you are migrating from an earlier release of NetView and plan on using your old CNME1035, note that a new task, DSIRQJOB, is started out of this command list at NetView initialization.
- If you are running the NetView program with VTAM V4R1 or a later release, you need to specify some migration options in the VTAM start options member, ATCSTR00 (CNMS0010), to continue using certain functions. VTAM V4R1 provides a new function called network qualified names (NQN), which requires new operands be added to the VTAM messages. Instead of modifying the old messages, new messages were created to allow for migration. If you are using the status monitor, the NetView Graphic Monitor Facility command support, or any type of user program that examines VTAM messages, you need to consider using the following options:

MSGLEVEL Specifies which level of VTAM messages to use. If you specify BASE, the old messages are used. If you specify V4R1, the new messages with network qualified names are used.

NQNMODE Allows resources under different names to be known to the same VTAM. If you specify this option, commands are required to have network identifiers.

See *VTAM Resource Definition Reference* for more information on these start options.

- Due to performance considerations, it is recommended that you re-allocate your VSAM data sets when you install NetView Version 3. If you do not, you may receive VSAM warning messages and will be unable to take advantage of some of the performance improvements in this release. You can prevent these messages from being issued by re-running the job to create your DSIZVLSR after installing NetView, or placing your current copy of DSIZVLSR in a data set ahead of the NetView Version 3 code.
- If you are installing a NetView V3R1 whose session monitor (NLDM) communicates with V2R4 session monitor(s), the following PTFs are required on the V2R4 system(s) for some cross-domain functions to work correctly: UW15993 (code) along with UW15994 (English panels) and/or UW15995 (Japanese panels).

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## 2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for NetView Version 3 is 5655-007.

The program announcement material describes the features supported by NetView Version 3. Ask your IBM marketing representative for this information if you have not already received a copy.

The following sections identify the basic and optional program materials available with this program.

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### 2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tapes, written at 6250 BPI, 3480 cartridges, or 4mm tape. The tapes or cartridges contain all the programs and data needed for installation. It is installed using SMP/E R8 or later. See 5.0, "Installation Requirements and Considerations for Remote Unattended System" on page 30, 6.0, "Installation Requirements and Considerations for the Procedural System" on page 44 and 7.0, "Installation Requirements and Considerations for the Enterprise System" on page 58 for more information about how to install the program.

#### 2.1.1 Remote Unattended System Option - US English Feature

Figure 2 describes the tapes or cartridges for NetView Version 3 Remote Unattended System option US English. Figure 3 on page 13 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

*Figure 2. Remote Unattended System US English Basic Material: Program Tape(s)*

<b>Medium</b>	<b>Feature Number</b>	<b>Physical Volume</b>	<b>External Label Identification</b>	<b>VOLSER</b>
6250 tape	5831	1	U 1/2 VOLSER=PZ8100	PZ8100
6250 tape	5831	2	U 2/2 VOLSER=PZ8110	PZ8110
3480 cart.	5832	1	U 1/2 VOLSER=PZ8100	PZ8100
3480 cart.	5832	2	U 2/2 VOLSER=PZ8110	PZ8110
4mm tape	5736	1	U 1/2 VOLSER=PZ8100	PZ8100
4mm tape	5736	2	U 2/2 VOLSER=PZ8110	PZ8110

Figure 3. Remote Unattended System US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	1	SMPMCS	FB	80	N/A	N/A
PZ8100	2	IBM.HPZ8100.F1	FB	80	8800	115
PZ8100	3	IBM.HPZ8100.F2	FB	80	8800	33
PZ8100	4	IBM.HPZ8100.F3	U	0	6144	3156
PZ8100	5	IBM.HPZ8100.F4	FB	80	8800	583
PZ8100	6	IBM.JPZ8101.F1	FB	80	8800	1
PZ8100	7	IBM.JPZ8101.F2	U	0	6144	4
PZ8100	8	IBM.JPZ8102.F1	FB	80	8800	1
PZ8100	9	IBM.JPZ8102.F2	U	0	6144	3
PZ8110	1	SMPMCS	FB	80	N/A	N/A
PZ8110	2	IBM.JPZ8110.F1	FB	80	8800	1
PZ8110	3	IBM.JPZ8110.F2	FB	80	8800	131
PZ8110	4	IBM.JPZ8110.F3	U	0	6144	481
PZ8110	5	IBM.JPZ8110.F4	VB	256	6148	11
PZ8110	6	IBM.JPZ8111.F1	FB	80	8800	1
PZ8110	7	IBM.JPZ8111.F2	U	0	6144	20
PZ8110	8	IBM.JPZ8114.F1	FB	80	8800	1
PZ8110	9	IBM.JPZ8114.F2	U	0	6144	52
PZ8110	10	IBM.JPZ8114.F3	FB	80	8800	76
PZ8110	11	IBM.JPZ8114.F4	VB	256	6148	30

## 2.1.2 Remote Unattended System Installation Option - Japanese Feature

Figure 4 describes the tapes or cartridges for NetView Version 3 Remote Unattended System option Japanese. Figure 5 on page 14 describes the file content of the program tapes for 6250 BPI , 3480 cartridges or 4mm tape.

Figure 4 (Page 1 of 2). Remote Unattended System Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5108	1	U 1/2 VOLSER=PZ8100	PZ8100
6250 tape	5108	2	U 2/2 VOLSER=PZ8110	PZ8110

Figure 4 (Page 2 of 2). Remote Unattended System Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
3480 cart.	5109	1	U 1/2 VOLSER=PZ8100	PZ8100
3480 cart.	5109	2	U 2/2 VOLSER=PZ8110	PZ8110
4mm tape	5742	1	U 1/2 VOLSER=PZ8100	PZ8100
4mm tape	5742	2	U 2/2 VOLSER=PZ8110	PZ8110

Figure 5. Remote Unattended System US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	1	SMPMCS	FB	80	N/A	N/A
PZ8100	2	IBM.HPZ8100.F1	FB	80	8800	115
PZ8100	3	IBM.HPZ8100.F2	FB	80	8800	33
PZ8100	4	IBM.HPZ8100.F3	U	0	6144	3156
PZ8100	5	IBM.HPZ8100.F4	FB	80	8800	583
PZ8100	6	IBM.JPZ8101.F1	FB	80	8800	1
PZ8100	7	IBM.JPZ8101.F2	U	0	6144	4
PZ8100	8	IBM.JPZ8102.F1	FB	80	8800	1
PZ8100	9	IBM.JPZ8102.F2	U	0	6144	3
PZ8110	1	SMPMCS	FB	80	N/A	N/A
PZ8110	2	IBM.JPZ8110.F1	FB	80	8800	1
PZ8110	3	IBM.JPZ8110.F2	FB	80	8800	131
PZ8110	4	IBM.JPZ8110.F3	U	0	6144	481
PZ8110	5	IBM.JPZ8110.F4	VB	256	6148	11
PZ8110	6	IBM.JPZ8111.F1	FB	80	8800	1
PZ8110	7	IBM.JPZ8111.F2	U	0	6144	20
PZ8110	8	IBM.JPZ8115.F1	FB	80	8800	1
PZ8110	9	IBM.JPZ8115.F2	U	0	6144	52
PZ8110	10	IBM.JPZ8115.F3	FB	80	8800	20
PZ8110	11	IBM.JPZ8115.F4	VB	256	6148	23

### 2.1.3 Procedural System Installation Option - US English Feature

Figure 6 on page 15 describes the tapes or cartridges for NetView Version 3 Procedural System option US English. Figure 7 on page 16 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 6. Procedural System US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5821	1	P 1/3 VOLSER=PZ8100	PZ8100
6250 tape	5821	2	P 2/3 VOLSER=PZ8110	PZ8110
6250 tape	5821	3	P 3/3 VOLSER=PZ8120	PZ8120
3480 cart.	5822	1	P 1/3 VOLSER=PZ8100	PZ8100
3480 cart.	5822	2	P 2/3 VOLSER=PZ8110	PZ8110
3480 cart.	5822	3	P 3/3 VOLSER=PZ8120	PZ8120
4mm tape	5735	1	P 1/3 VOLSER=PZ8100	PZ8100
4mm tape	5735	2	P 2/3 VOLSER=PZ8110	PZ8110
4mm tape	5735	3	P 3/3 VOLSER=PZ8120	PZ8120

Figure 7. Procedural System US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	1	SMPMCS	FB	80	N/A	N/A
PZ8100	2	IBM.HPZ8100.F1	FB	80	8800	115
PZ8100	3	IBM.HPZ8100.F2	FB	80	8800	33
PZ8100	4	IBM.HPZ8100.F3	U	0	6144	3156
PZ8100	5	IBM.HPZ8100.F4	FB	80	8800	583
PZ8100	6	IBM.JPZ8101.F1	FB	80	8800	1
PZ8100	7	IBM.JPZ8101.F2	U	0	6144	4
PZ8100	8	IBM.JPZ8102.F1	FB	80	8800	1
PZ8100	9	IBM.JPZ8102.F2	U	0	6144	3
PZ8110	1	SMPMCS	FB	80	N/A	N/A
PZ8110	2	IBM.JPZ8110.F1	FB	80	8800	1
PZ8110	3	IBM.JPZ8110.F2	FB	80	8800	131
PZ8110	4	IBM.JPZ8110.F3	U	0	6144	481
PZ8110	5	IBM.JPZ8110.F4	VB	256	6148	11
PZ8110	6	IBM.JPZ8111.F1	FB	80	8800	1
PZ8110	7	IBM.JPZ8111.F2	U	0	6144	20
PZ8110	8	IBM.JPZ8114.F1	FB	80	8800	1
PZ8110	9	IBM.JPZ8114.F2	U	0	6144	52
PZ8110	10	IBM.JPZ8114.F3	FB	80	8800	76
PZ8110	11	IBM.JPZ8114.F4	VB	256	6148	30
PZ8120	1	SMPMCS	FB	80	N/A	N/A
PZ8120	2	IBM.JPZ8120.F1	FB	80	8800	28
PZ8120	3	IBM.JPZ8124.F1	FB	80	8800	6473

## 2.1.4 Procedural System Installation Option - Japanese Feature

Figure 8 describes the tapes or cartridges for NetView Version 3 Procedural System option Japanese. Figure 9 on page 18 describes the file content of the program tapes for 6250 BPI, 3480 cartridges or 4mm tape.

Figure 8 (Page 1 of 2). Procedural System Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5106	1	P 1/3 VOLSER=PZ8100	PZ8100



Figure 8 (Page 2 of 2). Procedural System Japanese Basic Material: Program Tape(s)

<b>Medium</b>	<b>Feature Number</b>	<b>Physical Volume</b>	<b>External Label Identification</b>	<b>VOLSER</b>
6250 tape	5106	2	P 2/3 VOLSER=PZ8110	PZ8110
6250 tape	5106	3	P 3/3 VOLSER=PZ8120	PZ8120
3480 cart.	5107	1	P 1/3 VOLSER=PZ8100	PZ8100
3480 cart.	5107	2	P 2/3 VOLSER=PZ8110	PZ8110
3480 cart.	5107	3	P 3/3 VOLSER=PZ8120	PZ8120
4mm tape	5741	1	P 1/3 VOLSER=PZ8100	PZ8100
4mm tape	5741	2	P 2/3 VOLSER=PZ8110	PZ8110
4mm tape	5741	3	P 3/3 VOLSER=PZ8120	PZ8120

Figure 9. Procedural System Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	1	SMPMCS	FB	80	N/A	N/A
PZ8100	2	IBM.HPZ8100.F1	FB	80	8800	115
PZ8100	3	IBM.HPZ8100.F2	FB	80	8800	33
PZ8100	4	IBM.HPZ8100.F3	U	0	6144	3156
PZ8100	5	IBM.HPZ8100.F4	FB	80	8800	583
PZ8100	6	IBM.JPZ8101.F1	FB	80	8800	1
PZ8100	7	IBM.JPZ8101.F2	U	0	6144	4
PZ8100	8	IBM.JPZ8102.F1	FB	80	8800	1
PZ8100	9	IBM.JPZ8102.F2	U	0	6144	3
PZ8110	1	SMPMCS	FB	80	N/A	N/A
PZ8110	2	IBM.JPZ8110.F1	FB	80	8800	1
PZ8110	3	IBM.JPZ8110.F2	FB	80	8800	131
PZ8110	4	IBM.JPZ8110.F3	U	0	6144	481
PZ8110	5	IBM.JPZ8110.F4	VB	256	6148	11
PZ8110	6	IBM.JPZ8111.F1	FB	80	8800	1
PZ8110	7	IBM.JPZ8111.F2	U	0	6144	20
PZ8110	8	IBM.JPZ8115.F1	FB	80	8800	1
PZ8110	9	IBM.JPZ8115.F2	U	0	6144	52
PZ8110	10	IBM.JPZ8115.F3	FB	80	8800	20
PZ8110	11	IBM.JPZ8115.F4	VB	256	6148	23
PZ8120	1	SMPMCS	FB	80	N/A	N/A
PZ8120	2	IBM.JPZ8120.F1	FB	80	8800	28
PZ8120	3	IBM.JPZ8125.F1	FB	80	8800	6460

## 2.1.5 Enterprise System Installation Option - US English Feature

Figure 10 describes the tapes or cartridges for NetView Version 3 Enterprise System option US English. Figure 11 on page 19 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 10 (Page 1 of 2). Enterprise System US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5811	1	E 1/5 VOLSER=PZ8100	PZ8100

Figure 10 (Page 2 of 2). Enterprise System US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5811	2	E 2/5 VOLSER=PZ8110	PZ8110
6250 tape	5811	3	E 3/5 VOLSER=PZ8120	PZ8120
6250 tape	5811	4	E 4/5 VOLSER=PZ8130	PZ8130
6250 tape	5811	5	E 5/5 VOLSER=PZ8140	PZ8140
3480 cart.	5812	1	E 1/5 VOLSER=PZ8100	PZ8100
3480 cart.	5812	2	E 2/5 VOLSER=PZ8110	PZ8110
3480 cart.	5812	3	E 3/5 VOLSER=PZ8120	PZ8120
3480 cart.	5812	4	E 4/5 VOLSER=PZ8130	PZ8130
3480 cart.	5812	5	E 5/5 VOLSER=PZ8140	PZ8140
4mm tape	5734	1	E 1/5 VOLSER=PZ8100	PZ8100
4mm tape	5734	2	E 2/5 VOLSER=PZ8110	PZ8110
4mm tape	5734	3	E 3/5 VOLSER=PZ8120	PZ8120
4mm tape	5734	4	E 4/5 VOLSER=PZ8130	PZ8130
4mm tape	5734	5	E 5/5 VOLSER=PZ8140	PZ8140

Figure 11 (Page 1 of 3). Enterprise System US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	1	SMPMCS	FB	80	N/A	N/A
PZ8100	2	IBM.HPZ8100.F1	FB	80	8800	115
PZ8100	3	IBM.HPZ8100.F2	FB	80	8800	33
PZ8100	4	IBM.HPZ8100.F3	U	0	6144	3156
PZ8100	5	IBM.HPZ8100.F4	FB	80	8800	583
PZ8100	6	IBM.JPZ8101.F1	FB	80	8800	1
PZ8100	7	IBM.JPZ8101.F2	U	0	6144	4
PZ8100	8	IBM.JPZ8102.F1	FB	80	8800	1
PZ8100	9	IBM.JPZ8102.F2	U	0	6144	3
PZ8110	1	SMPMCS	FB	80	N/A	N/A
PZ8110	2	IBM.JPZ8110.F1	FB	80	8800	1
PZ8110	3	IBM.JPZ8110.F2	FB	80	8800	131
PZ8110	4	IBM.JPZ8110.F3	U	0	6144	481
PZ8110	5	IBM.JPZ8110.F4	VB	256	6148	11

Figure 11 (Page 2 of 3). Enterprise System US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8110	6	IBM.JPZ8111.F1	FB	80	8800	1
PZ8110	7	IBM.JPZ8111.F2	U	0	6144	20
PZ8110	8	IBM.JPZ8114.F1	FB	80	8800	1
PZ8110	9	IBM.JPZ8114.F2	U	0	6144	52
PZ8110	10	IBM.JPZ8114.F3	FB	80	8800	76
PZ8110	11	IBM.JPZ8114.F4	VB	256	6148	30
PZ8120	1	SMPMCS	FB	80	N/A	N/A
PZ8120	2	IBM.JPZ8120.F1	FB	80	8800	28
PZ8120	5	IBM.JPZ8124.F1	FB	80	8800	6473
PZ8130	1	SMPMCS	FB	80	N/A	N/A
PZ8130	2	IBM.HPZ8130.F1	FB	80	8800	73
PZ8130	3	IBM.HPZ8130.F2	U	0	6144	405
PZ8130	4	IBM.HPZ8130.F3	FB	80	8800	132
PZ8130	5	IBM.JPZ8131.F1	FB	80	8800	1
PZ8130	6	IBM.JPZ8131.F2	U	0	6144	3
PZ8130	7	IBM.JPZ8132.F1	FB	80	8800	73
PZ8130	8	IBM.JPZ8132.F2	U	0	6144	2
PZ8130	9	IBM.JPZ8133.F1	FB	80	8800	1
PZ8130	10	IBM.JPZ8133.F2	U	0	6144	4
PZ8130	11	IBM.JPZ8134.F1	FB	125	3125	2
PZ8130	12	IBM.JPZ8134.F2	FB	80	8800	38
PZ8130	13	IBM.JPZ8136.F1	FB	80	8800	3
PZ8130	14	IBM.JPZ8136.F2	FB	80	8800	16
PZ8130	15	IBM.JPZ8136.F3	U	0	6144	263
PZ8140	1	SMPMCS	FB	80	N/A	N/A
PZ8140	2	IBM.JPZ8140.F1	FB	80	8800	6
PZ8140	3	IBM.JPZ8140.F2	U	0	6144	46
PZ8140	4	IBM.JPZ8140.F3	FB	80	8800	49
PZ8140	5	IBM.JPZ8140.F4	VB	256	6148	8
PZ8140	6	IBM.JPZ8140.F5	VB	1028	6168	28
PZ8140	7	IBM.JPZ8144.F1	VB	256	6148	35

Figure 11 (Page 3 of 3). Enterprise System US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8140	8	IBM.JPZ8150.F1	VB	256	6148	24
PZ8140	9	IBM.JPZ8154.F1	VB	256	6148	50
PZ8140	10	IBM.JPZ8156.F1	VB	256	6148	2

## 2.1.6 Enterprise System Installation Option - Japanese Feature

Figure 12 describes the tapes or cartridges for NetView Version 3 Enterprise System option Japanese. Figure 13 describes the file content of the program tapes for 6250 BPI, 3480 cartridges or 4mm tape.

Figure 12. Enterprise System Japanese Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5101	1	E 1/5 VOLSER=PZ8100	PZ8100
6250 tape	5101	2	E 2/5 VOLSER=PZ8110	PZ8110
6250 tape	5101	3	E 3/5 VOLSER=PZ8120	PZ8120
6250 tape	5101	4	E 4/5 VOLSER=PZ8130	PZ8130
6250 tape	5101	5	E 5/5 VOLSER=PZ8140	PZ8140
3480 cart.	5102	1	E 1/5 VOLSER=PZ8100	PZ8100
3480 cart.	5102	2	E 2/5 VOLSER=PZ8110	PZ8110
3480 cart.	5102	3	E 3/5 VOLSER=PZ8120	PZ8120
3480 cart.	5102	4	E 4/5 VOLSER=PZ8130	PZ8130
3480 cart.	5102	5	E 5/5 VOLSER=PZ8140	PZ8140
4mm tape	5740	1	E 1/5 VOLSER=PZ8100	PZ8100
4mm tape	5740	2	E 2/5 VOLSER=PZ8110	PZ8110
4mm tape	5740	3	E 3/5 VOLSER=PZ8120	PZ8120
4mm tape	5740	4	E 4/5 VOLSER=PZ8130	PZ8130
4mm tape	5740	5	E 5/5 VOLSER=PZ8140	PZ8140

Figure 13 (Page 1 of 3). Enterprise System Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	1	SMPMCS	FB	80	N/A	N/A
PZ8100	2	IBM.HPZ8100.F1	FB	80	8800	115

Figure 13 (Page 2 of 3). Enterprise System Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8100	3	IBM.HPZ8100.F2	FB	80	8800	33
PZ8100	4	IBM.HPZ8100.F3	U	0	6144	3156
PZ8100	5	IBM.HPZ8100.F4	FB	80	8800	583
PZ8100	6	IBM.JPZ8101.F1	FB	80	8800	1
PZ8100	7	IBM.JPZ8101.F2	U	0	6144	4
PZ8100	8	IBM.JPZ8102.F1	FB	80	8800	1
PZ8100	9	IBM.JPZ8102.F2	U	0	6144	3
PZ8110	1	SMPMCS	FB	80	N/A	N/A
PZ8110	2	IBM.JPZ8110.F1	FB	80	8800	1
PZ8110	3	IBM.JPZ8110.F2	FB	80	8800	131
PZ8110	4	IBM.JPZ8110.F3	U	0	6144	481
PZ8110	5	IBM.JPZ8110.F4	VB	256	6148	11
PZ8110	6	IBM.JPZ8111.F1	FB	80	8800	1
PZ8110	7	IBM.JPZ8111.F2	U	0	6144	20
PZ8110	8	IBM.JPZ8115.F1	FB	80	8800	1
PZ8110	9	IBM.JPZ8115.F2	U	0	6144	52
PZ8110	10	IBM.JPZ8115.F3	FB	80	8800	20
PZ8110	11	IBM.JPZ8115.F4	VB	256	6148	23
PZ8120	1	SMPMCS	FB	80	N/A	N/A
PZ8120	2	IBM.JPZ8120.F1	FB	80	8800	28
PZ8120	3	IBM.JPZ8125.F1	FB	80	8800	6460
PZ8130	1	SMPMCS	FB	80	N/A	N/A
PZ8130	2	IBM.HPZ8130.F1	FB	80	8800	73
PZ8130	3	IBM.HPZ8130.F2	U	0	6144	405
PZ8130	4	IBM.HPZ8130.F3	FB	80	8800	132
PZ8130	5	IBM.JPZ8131.F1	FB	80	8800	1
PZ8130	6	IBM.JPZ8131.F2	U	0	6144	3
PZ8130	7	IBM.JPZ8132.F1	FB	80	8800	73
PZ8130	8	IBM.JPZ8132.F2	U	0	6144	2
PZ8130	9	IBM.JPZ8133.F1	FB	80	8800	1
PZ8130	10	IBM.JPZ8133.F2	U	0	6144	4

Figure 13 (Page 3 of 3). Enterprise System Japanese Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8130	11	IBM.JPZ8135.F1	FB	125	3125	2
PZ8130	12	IBM.JPZ8135.F2	FB	80	8800	28
PZ8130	13	IBM.JPZ8136.F1	FB	80	8800	3
PZ8130	14	IBM.JPZ8136.F2	FB	80	8800	16
PZ8130	15	IBM.JPZ8136.F3	U	0	6144	263
PZ8140	1	SMPMCS	FB	80	N/A	N/A
PZ8140	2	IBM.JPZ8140.F1	FB	80	8800	6
PZ8140	3	IBM.JPZ8140.F2	U	0	6144	46
PZ8140	4	IBM.JPZ8140.F3	FB	80	8800	49
PZ8140	5	IBM.JPZ8140.F4	VB	256	6148	8
PZ8140	6	IBM.JPZ8140.F5	VB	1028	6168	28
PZ8140	7	IBM.JPZ8145.F1	VB	256	6148	19
PZ8140	8	IBM.JPZ8150.F1	VB	256	6148	24
PZ8140	9	IBM.JPZ8155.F1	VB	256	6148	48
PZ8140	10	IBM.JPZ8157.F1	VB	256	6148	2

## 2.2 Additional Basic Material

In addition to the basic material, you received the following memo with NetView Version 3, Memo to Licensee: NetView Version 3 for MVS/ESA

## 2.3 Optional Machine-Readable Material

There are no optional machine-readable materials for NetView Version 3.

## 2.4 Program Publications

The following sections identify the basic and optional publications for NetView Version 3.

## 2.4.1 Basic Program Publications

Figure 14 on page 24 identifies the basic program publications for NetView Version 3. One copy of each of these publications is included when you order the basic materials for NetView Version 3. For additional copies, contact your IBM representative.

Figure 14. Basic Material: Unlicensed Publications

<b>Publication Title</b>	<b>Form Number</b>
<i>NetView for MVS Licensed Program Specifications</i>	GC31-8064
<i>NetView for MVS Administration and Security Reference</i>	SC31-8045
<i>NetView for MVS Customization Guide</i>	SC31-8052
<i>NetView for MVS Installation and Administration Guide</i>	SC31-8043
<i>NetView for MVS Command Quick Reference</i>	SX75-0080
<i>NetView for MVS Automation Planning</i>	SC31-8051
<i>Managing Your Future: NetView for MVS</i>	G325-3530
<i>Planning for NetView, NCP, and VTAM</i>	SC31-8063
<i>NetView for MVS User's Guide</i>	SC31-8056
<i>NetView for MVS Tuning Guide</i>	SC31-8048*
<i>NetView for MVS Installation and Administration Facility/2 Guide</i>	SC31-8044
<i>Planning for Integrated Networks</i>	SC31-8062
<i>NetView for MVS Application Programming Guide</i>	SC31-8061
<i>NetView for MVS Automation Implementation</i>	SC31-8050
<i>NetView Bridge Implementation</i>	SC31-6131
<i>NetView for MVS Messages</i>	SC31-8046
<i>NetView for MVS Command Reference</i>	SC31-8047
<i>NetView for MVS Customization: Using Assembler</i>	SC31-8053
<i>NetView for MVS Customization: Writing Command Lists</i>	SC31-8055
<i>NetView for MVS Customization: Using PL/I and C</i>	SC31-8054
<i>NetView Version 3 Softcopy Library (CD-ROM)</i>	LCD4-0093
<i>Networking System Products Softcopy Collection (CD-ROM)</i>	SK2T-6012*

\* When available

**Note:** Customers receiving material from IBM Software Manufacturing Solutions - Copenhagen should note that Networking System Products Softcopy Collection (CD-ROM) is available through product number 5636-PUB (feature 5003) and in PUBORDERING on HONE. Please contact your IBM representative for further information.

Figure 15 lists additional publications that you received if you ordered the Enterprise System option.



Figure 15. Basic Material: Additional Unlicensed Publications for the Enterprise System option

Publication Title	Form Number
<i>NetView for MVS Graphic Monitor Facility User's Guide</i>	SC31-8095
<i>NetView for MVS SNA Topology Manager Data Model</i>	SC31-8058
<i>NetView for MVS SNA Topology Manager and APPN Accounting Manager Implementation Guide</i>	SC31-8060
<i>NetView for MVS APPN Topology and Accounting Agent Guide</i>	SC31-8059
<i>NetView for MVS Resource Object Data Manager Programming Guide</i>	SC31-8049
<i>IBM Program License Agreement</i>	Z125-3301

Figure 16 lists licensed publications you that you may order at no additional charge.

Figure 16. Basic Material: Licensed Publications

Publication Title	Form Number	Feature Number
<i>NetView Problem Determination and Diagnosis</i>	LY43-0102	8108

## 2.5 Microfiche Support

There is no microfiche for NetView Version 3.

## 2.6 Publications Useful During Installation

The publications listed in Figure 17 may be useful during the installation of NetView Version 3. To order copies, contact your IBM representative.

Figure 17. Publications Useful During Installation

Publication Title	Form Number
<i>SMP/E: Messages and Codes</i>	SC28-1108
<i>MVS Custom-Built Offering Planning and Installation</i>	SC23-0352
<i>SMP/E Reference</i>	SC28-1107
<i>SMP/E User's Guide</i>	SC28-1302
<i>IBM Communications Manager Configuration Guide</i>	S04G-1002

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## 3.0 Program Support

This section describes the IBM support available for NetView Version 3.

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### 3.1 Program Services

This program is classified as a Licensed Program. Contact your IBM marketing representative or systems engineer (SE) for specific information about available program services.

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### 3.2 Preventive Service Planning

If you obtained NetView Version 3 as part of a CBPDO, there is HOLDDATA and Preventive Service Planning (PSP) information for NetView Version 3 on the CBPDO tape. Before installing NetView Version 3, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended for additional PSP information.

To obtain this information, specify NETVIEW310 as your UPGRADE. Also specify the SUBSET values listed for your ordering option in Figure 18.

*Figure 18 (Page 1 of 2). Ordering Options and SUBSET IDs*

<b>Ordering Option</b>	<b>Subset</b>
Remote Unattended System US English	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114
Remote Unattended System Japanese	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115
Procedural System US English	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124
Procedural System Japanese	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125
Enterprise System US English	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8134 JPZ8136 JPZ8140 JPZ8144 JPZ8150 JPZ8154 JPZ8156

Figure 18 (Page 2 of 2). Ordering Options and SUBSET IDs

Ordering Option	Subset
Enterprise System Japanese	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8135 JPZ8136 JPZ8140 JPZ8145 JPZ8150 JPZ8155 JPZ8157

If you have received NetView Version 3 from IBM Software Distribution, before installing NetView Version 3, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended for additional PSP information.

### 3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center.

Figure 19 identifies the component IDs (COMP IDs) for NetView Version 3.

Figure 19 (Page 1 of 2). Component IDs

FMID	COMP ID	Component Name	REL
HPZ8100	565500700	NetView SNA Base	100
JPZ8101	565500700	NetView SNA Base PL/I	101
JPZ8102	565500700	NetView SNA Base C/370	102
JPZ8110	565500700	NetView Full Base	110
JPZ8111	565500700	NetView Full Base PL/I	111
JPZ8114	565500700	NetView Full Base US English	114
JPZ8115	565500700	NetView Full Base Japanese	115
JPZ8120	565500700	NetView Monitor Base	120
JPZ8124	565500700	NetView Monitor US English	124
JPZ8125	565500700	NetView Monitor Japanese	125
HPZ8130	565500700	NetView RODM Base	130
JPZ8131	565500700	NetView RODM PL/I	131
JPZ8132	565500700	NetView RODM C/370	132
JPZ8133	565500700	NetView RODM AD/Cycle LE/370	133
JPZ8134	565500700	NetView RODM US English	134
JPZ8135	565500700	NetView RODM Japanese	135

Figure 19 (Page 2 of 2). Component IDs

<b>FMID</b>	<b>COMP ID</b>	<b>Component Name</b>	<b>REL</b>
JPZ8136	565500700	NetView RODM Methods	136
JPZ8140	565500700	NetView SNATM Base	140
JPZ8144	565500700	NetView SNATM US English	144
JPZ8145	565500700	NetView SNATM Japanese	145
JPZ8150	565500700	NetView GMF Base	150
JPZ8154	565500700	NetView GMF US English	154
JPZ8155	565500700	NetView GMF Japanese	155
JPZ8156	565500700	NetView GMF US English	156
JPZ8157	565500700	NetView GMF Japanese	157

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## **4.0 Program and Service Level Information**

This section identifies the program and service levels of NetView Version 3. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

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### **4.1 Program Level Information**

Appendix B, "Program Level Information" on page 210 lists the APAR fixes for previous releases of NetView that have been incorporated into NetView Version 3.

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### **4.2 Service Level Information**

This is the initial release of NetView Version 3 and there are no PTFs.

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### **4.3 Cumulative Service Tape**

A cumulative service tape, containing PTFs not incorporated into this release, may be included with this program. If you received this product as part of a CBPDO, there is no cumulative service tape.

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## 5.0 Installation Requirements and Considerations for Remote Unattended System

The following sections identify the system requirements for installing and activating NetView Version 3 Remote Unattended System. The information is categorized into two distinct system environments:

- The system used to install the program (driving system)
- The system on which the program is installed (target system)

Figure 20 shows the Remote Unattended System NLS options and their components.

*Figure 20. NLS Options for Remote Unattended System*

<b>NLS Ordering Option</b>	<b>Components</b>	<b>FMIDs</b>
Remote Unattended System US English	NetView SNA Base	HPZ8100
	NetView SNA Base PL/I	JPZ8101
	NetView SNA Base C/370	JPZ8102
	NetView Full Base	JPZ8110
	NetView Full Base PL/I	JPZ8111
	NetView Full Base US English	JPZ8114
Remote Unattended System Japanese	NetView SNA Base	HPZ8100
	NetView SNA Base PL/I	JPZ8101
	NetView SNA Base C/370	JPZ8102
	NetView Full Base	JPZ8110
	NetView Full Base PL/I	JPZ8111
	NetView Full Base Japanese	JPZ8115

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by NetView Version 3 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

- NU** New data set used by only one program.
- NM** New data set used by more than one program.
- EU** Existing data set used by only one program.
- EM** Existing data set used by more than one program.

---

### 5.1 Driving System Requirements

This section describes the environment of the driving system required to install NetView Version 3 Remote Unattended System.

## 5.1.1 Operating System Requirements

Use an MVS/SP\* V2R2 (MVS/XA\*) or MVS/SP V3 or V4 (MVS/ESA) operating system to install NetView Version 3 Remote Unattended System.

## 5.1.2 Machine Requirements

There are no special machine requirements for the driving system.

## 5.1.3 Programming Requirements

SMP/E R8 or later is required to install NetView Version 3 Remote Unattended System.

## 5.1.4 DASD Storage Requirements

Figure 21 estimates the storage requirements for the SMPCSI data set for SMP/E. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

*Figure 21. Storage Requirements for SMPCSI Data Set for SMP/E for NetView Version 3 Remote Unattended System*

DASD	Cylinders Required for SMPCSI Data	Tracks Required for SMPCSI Index
3390	40	30

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install NetView Version 3.

*Figure 22. Storage Requirements for SMP/E System Entries*

SUB-ENTRY	Value	Comment
DSSPACE	(300,500,900)	Use 900 directory blocks
PEMAX	9999	Use a PEMAX of 9999

Figure 23 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 22.

*Figure 23. Approximate SMP/E Temporary Library Space*

Disk Drive	Tracks
3390	1675

Figure 24. Storage Requirements for the SMP/E Work Data Sets

DDNAME	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPWRK1	PO	FB	80	6160	100,100	5
SMPWRK2	PO	FB	80	6160	200,100	5
SMPWRK3	PO	FB	80	3200	400,200	5
SMPWRK4	PO	FB	80	3200	400,200	5
SMPWRK6	PO	FB	80	3200	400,200	5

The following table provides an estimate of the additional storage needed in the SMP/E data sets for NetView Version 3. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 25. Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPMTS	EM	PO	FB	80	6160	40,10	25
SMPPTS	EM	PO	FB	80	6160	400,10	25
SMPLTS	EM	PO	FB	80	6160	3600,100	50
SMPSCDS	EM	PO	FB	80	6160	40,10	25
SMPSTS	EM	PO	FB	80	6160	40,10	25

## 5.2 Target System Requirements

This section describes the environment of the target system required to install and use NetView Version 3.

### 5.2.1 Operating System Requirements

NetView Version 3 Remote Unattended System operates under the MVS/ESA operating system.

### 5.2.2 Machine Requirements

NetView Version 3 Remote Unattended System runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.



## 5.2.3 Programming Requirements

NetView Version 3 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/SP-JES2 Version 3 Release 1.3 (5685-001) or later  
or  
MVS/SP-JES3 Version 3 Release 1.3 (5685-002) or later
  - ACF/VTAM\* Version 3 Release 3 for MVS/ESA (5686-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES2 Version 4 (5695-047) or MVS/ESA SP-JES3 Version 4 (5695-048)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES2 Version 5 (5655-068) or MVS/ESA SP-JES3 Version 5 (5655-069)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later

**Note:** No specific JES is required beyond what the operating system requires.

## 5.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install NetView Version 3 Remote Unattended System.

The sizes given are correct for the US English language option of NetView Version 3 Remote Unattended System. Other languages may vary slightly. The installation samples allocate data sets large enough to install any language option of NetView Version 3 Enterprise System. If you will only be installing a NetView Remote Unattended System system, then you may conserve some DASD space by decreasing the dataset sizes being allocated in Figure 57 on page 83. Use the sizes listed in Figure 26 on page 35

as a guide. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

Figure 26. Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C O R D S	L R E C O R D S	BLK Size	No. of BLKS	No. of DIR BLKS
BNJPNL1	EU	PO	FB	80	8800	78	1
BNJPNL2	EU	PO	FB	80	8800	5	1
BNJSRC1	EU	PO	FB	80	8800	69	3
CNMCLST	EU	PO	FB	80	8800	445	11
CNMINST	EU	PO	FB	80	8800	35	2
CNMLINK	EU	PO	U	0	6144	2581	145
CNMPNL1	EU	PO	FB	80	8800	20	1
CNMSAMP	EU	PO	FB	80	8800	547	19
DSIPARM	EU	PO	FB	80	8800	84	5
DSIPRF	EU	PO	FB	80	8800	5	1
SDSIOPEN	EU	PO	FB	80	8800	6	1
SEGVPS21	EU	PO	VB	256	6148	2450	2
SEGVPS22*	EU	PO	VB	256	6148	33	1
MACLIB	EU	PO	FB	80	8800	589	6
NVULIB	EU	PO	U	0	6144	24	6
SCNMLNK1	EU	PO	U	0	6144	2	1
SCNMLPA1	EU	PO	U	0	6144	6	2
SDSIMSG1	EU	PO	FB	80	8800	4	1
SDUIMSG1	EU	PO	FB	80	8800	5	1
SCNMPNL2*	NU	PO	FB	80	8800	15	1
SCNMMJPN*	EU	PO	U	0	6144	64	10

\* Used only with the Japanese component.

Figure 27. Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C O R D S	L E N G T H	BLK Size	No. of BLKS	No. of DIR BLKS
ABNJPNL1	EU	PO	FB	80	6160	82	1
ABNJPNL2	EU	PO	FB	80	8800	5	1
ABNJSRC1	EU	PO	FB	80	8800	69	3
ACNMCLST	EU	PO	FB	80	8800	445	11
ACNMINST	EU	PO	FB	80	8800	35	2
ACNMLINK	EU	PO	U	0	6144	4024	526
ACNMPNL1	EU	PO	FB	80	8800	20	1
ACNMSAMP	EU	PO	FB	80	8800	547	19
ADSIPARM	EU	PO	FB	80	8800	84	5
ADSIPRF	EU	PO	FB	80	8800	5	1
ADSIOPEN	EU	PO	FB	80	8800	6	1
AEGVPS21	EU	PO	VB	256	6148	2450	2
AEGVPS22*	EU	PO	VB	256	6148	33	1
ADSIMSG1	EU	PO	FB	80	8800	4	1
ADUIMSG1	EU	PO	FB	80	8800	5	1
AMACLIB	EU	PO	FB	80	8800	589	6
ANVULIB	EU	PO	U	0	6144	24	6
ACNMPNL2*	NU	PO	FB	80	8800	15	1
ACNMMJPN*	EU	PO	U	0	6144	64	8

### 5.3 Program Considerations

The following sections list the programming considerations for installing NetView Version 3 Remote Unattended System and activating its functions.

\* Used only with the Japanese component.

### 5.3.1 Programming Considerations

See 5.0, "Installation Requirements and Considerations for Remote Unattended System" on page 30 for specific instructions.

### 5.3.2 System Considerations

There are no system considerations for NetView Version 3 Remote Unattended System.

### 5.3.3 Special Considerations

The following NetView functions and features require the specified program levels or subsequent upward-compatible levels unless stated otherwise:

#### 5.3.3.1 NetView Installation and Administration Facility/2

- OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)  
or  
OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)  
or  
OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)
- Communications Manager/2 1.0 (or later) (5871-AAA, 2804)
- Database 2 OS/2 (DB2/2) (5622-044) (DB2/2 1.2 or higher is recommended)

#### 5.3.3.2 NetView Bridge -- Support for INFO Access

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API

#### 5.3.3.3 MVS Sysplex Support - Compatibility Mode

NetView Version 3 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) without exploiting the extended multiple console support functions. One of the following is required:

- MVS/ESA SP-JES2 Version 4 (5695-047)
- MVS/ESA SP-JES3 Version 4 (5695-048)

#### **5.3.3.4 MVS Sysplex Support - Enablement**

NetView Version 3 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) and exploit the functions of the extended multiple console support. One of the following is required:

- MVS/ESA SP-JES2 Version 4 Release 2.2 (5695-047) or later
- MVS/ESA SP-JES3 Version 4 Release 2.2 (5695-048) or later

#### **5.3.3.5 Pre-initialized PL/I Environments for NetView HLL**

- OS PL/I Version 2.3 Library (5668-911)

#### **5.3.3.6 Pipeline Automation**

Pipeline automation for MVS commands requires the use of extended multiple console support. See MVS Sysplex Support Enablement.

#### **5.3.3.7 Support for IBM LAN Network Manager Enhanced Command Interface**

- IBM LAN Network Manager Version 1.1 (74F5-538)

#### **5.3.3.8 NetView Support for 3174 ISDN**

- 3174 Configuration C Release 1

#### **5.3.3.9 Session Monitor Support of APPN\* Display and Problem Determination**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)
- ACF/NCP Version 6 Release 2 (5688-231)

#### **5.3.3.10 Session Monitor Support of VTAM Takeover-Giveback of an NCP**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### **5.3.3.11 Session Monitor support of DLUR/DLUS**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)
- Communications Manager/2 1.1.1 for local support
- Communications Manager/2 1.2 for cross network support

#### **5.3.3.12 Session Monitor support of VR-TG and Bordernode**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)

#### **5.3.3.13 Session Monitor Support of VTAM Extended MS-Transport**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### **5.3.3.14 Management of Frame Relay (DTE) and Ethernet**

- ACF/NCP Version 6 (5688-231)

#### **5.3.3.15 NetView Parallel Transmission Group Support**

- ACF/NCP Version 5 Release 4 MVS and VM (5668-738)

#### **5.3.3.16 NetView Network Asset Management**

Provides NCP vital product data (VPD) and hardware device vital product information for those devices that support the Request Product Set ID (PSID) architecture or signal converters that support LPDA-2 commands:

- ACF/NCP Version 4 Release 2 (5668-854) for the 3720 or 3725 communication controllers

In addition to device support, the following releases of ACF/NCP provide vital product information for the communication controller:

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 4 VSE (5668-738) and
- ACF/NCP Version 5 Release 4 MVS and VM (5668-738) or later for the 3720 or 3745

#### **5.3.3.17 NetView Performance Monitor (NPM) Alerts**

- NPM Version 1 Release 4 (5665-333 MVS) or later for session alerts

#### **5.3.3.18 NetView Support for Programmable Network Access (PNA)**

- PNA Version 1.11 (72F0-708)

#### **5.3.3.19 Active in Session**

- ACF/VTAM Version 3 Release 4.2 for MVS/ESA (5685-085)

#### **5.3.3.20 SAF Security Checking on RODM Connections**

- RACF\* 1.9 (5740-XXH) (or later) or its SAF equivalent

#### **5.3.3.21 SAF Security Checking on NetView Operator Password Protection**

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

#### **5.3.3.22 SAF Security Checking RMTCMD RMTOPS Class**

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

### **5.3.3.23 SAF security checking for NetView Command Authorization**

- RACF 2.1 (5695-039) or its SAF equivalent

### **5.3.3.24 SAF security checking for NetView Span of Control Access**

- RACF 2.1 (5695-039) or its SAF equivalent

### **5.3.3.25 SAF security checking for NetView Operator Logon Information**

- RACF 2.1 (5695-039) or its SAF equivalent

### **5.3.3.26 HLL Restriction**

## **5.3.4 High Level Language (HLL) restriction**

- NetView V3R1 is not compatible with the AD/Cycle LE/370 compilers or run time libraries for PL/I or C command processors or installation exits for either the basic HLL support or for the graphics support (NGMF). NetView V3R1 is compatible with the AD/Cycle LE/370 compilers or run time libraries for RODM method code and can be used only if you are running RODM without the graphics support.

### **5.3.4.1 Other Considerations**

For information regarding the latest CSD level applicable to your version of OS/2, refer to the PSP bucket.

In order to use extended MCS consoles, the MVS 4.2.2 system must be at PUT level 9201 or above. Also ensure the PTFs related to the following APARS are applied:

OY53278  
OY53501  
OY56361 and OY56362 (PE of 53278 and 53501)  
OY53280  
OY53281  
OY53282  
OY52960  
OY54135  
OY55149  
OY55148  
OY56570  
OY56801  
OY57024  
OY57082

In order to use the Resource Object Data Manager (RODM) function, apply the PTFs related to the following APARS.



Figure 28. APARs Required to Use RODM

Product	APARs
PL/I V2R3	PL85812 PN06072 PN00307 PN16148 PN25681 PN18478
MVS	OY44197 OY47321 (for MVS 3.1.3 only) OY50257 OY47498

If you wish to use the RACF defined RODMMGR class for security, you must first apply the PTF(s) relating to APAR OW00233.

The PTF(s) relating to APAR IR79685 should be applied to TSO/E **before** you install any NetView files to your workstation from the host.

If you are using PC TSO File Transfer, apply PTF UR30379.

If you are using TSO/E 2.1.1, apply the PTFs for APARs OY21043 and OY21666. These APARs address co-requisites for NetView customers who will be using REXX. They should be applied to TSO/E and can be applied to MVS/ESA systems.

If you are using TSO/E 2.3, apply the PTFs for APAR OY55379. This APAR addresses a problem encountered when running REXX CLISTs.

The PTF(s) relating to APAR OY15390, OY21657, and OY21659 should be applied to VTAM if you are using Network Asset Management.

If you are running VTAM V3R4.1, you must apply the PTFs associated with APAR OY63261.

If you are running VTAM V4R1, you must apply the PTFs associated with the following APARs: OY66754, OY66126, OY66978, OY62056, OY65044 and OY66382.

If you are using SAF security checking for NetView Operator Logon Information you must apply PTF UW90113 (APAR OW05651).

The PTF(s) for APARs PL36280, PL38681, and PL41906 should be applied to the IBM C Compiler if that language will be used to write NetView command procedures or installation exits.

The TSCF V1 PTF for APAR OY44072 is required for NetView Version 3 to run with TSCF V1.

If your network will have both NetView Version 3 Remote Unattended System and NetView V1R3 and you plan to use the Alert Color support (COLOR option hardware monitor recording and viewing filters), apply

the PTF(s) associated with the APARs found in Figure 29 on page 42. If you do not apply these PTFs, attempting to display or set COLOR filters on the NetView V1R3 system from the NetView Version 3 Remote Unattended System can cause unpredictable results.

*Figure 29. NetView V1R3 APARs*

<b>APAR</b>	<b>Operating System</b>
OY28667	MVS/ESA
OY28534	MVS/XA
VM40102	VM

If your network will have a combination of NetView Version 3 Remote Unattended System and NetView V1R2, V1R3, V2R1, or V2R2, then the appropriate PTFs associated with the APARs listed in Figure 30 and Figure 31 on page 43 should be applied to your NetView V1R2, V1R3, V2R1, or V2R2 systems in order for cross-domain session monitor data to be displayed correctly by your NetView Version 3 Remote Unattended System.

*Figure 30. NetView V1R2 and V1R3 APARs*

<b>APAR(s)</b>	<b>Release/Operating System</b>
OY28581	V1R3 MVS/ESA
OY25548	V1R3 MVS/XA
VM39856	V1R3 VM
OY26070	V1R2 MVS/XA
OY27016	V1R2 MVS/370
DY38134	V1R2 VSE
VM39857	V1R2 VM

Figure 31. NetView V2R1 and V2R2 APARs

<b>APAR(s)</b>	<b>Release/Operating System</b>
OY57858	V2R1 MVS/ESA
OY52593	V2R1 MVS/ESA
OY56209	V2R2 MVS/ESA
OY54834	V2R2 MVS/ESA
OY52593	V2R2 MVS/ESA
OY54651	V2R2 MVS/ESA
OY57224	V2R2 MVS/ESA
OY56338	V2R2 MVS/XA
OY53482	V2R2 MVS/XA
OY54648	V2R2 MVS/XA
OY57221	V2R2 MVS/XA

You are now aware of all of the installation requirements for NetView Version 3 Remote Unattended System. Proceed to 8.0, "Installation Instructions" on page 77 to begin your product installation.

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## 6.0 Installation Requirements and Considerations for the Procedural System

The following sections identify the system requirements for installing and activating NetView Version 3 Procedural System. The information is categorized into two distinct system environments:

- The system used to install the program (driving system)
- The system on which the program is installed (target system)

Figure 32 shows the Procedural System NLS options and their components.

*Figure 32. NLS Options for Procedural System*

<b>NLS Ordering Option</b>	<b>Components</b>	<b>FMIDs</b>
Procedural System US English	NetView SNA Base	HPZ8100
	NetView SNA Base PL/I	JPZ8101
	NetView SNA Base C/370	JPZ8102
	NetView Full Base	JPZ8110
	NetView Full Base PL/I	JPZ8111
	NetView Full Base US English	JPZ8114
	NetView Monitor Base	JPZ8120
	NetView Monitor US English	JPZ8124
Procedural System Japanese	NetView SNA Base	HPZ8100
	NetView SNA Base PL/I	JPZ8101
	NetView SNA Base C/370	JPZ8102
	NetView Full Base	JPZ8110
	NetView Full Base PL/I	JPZ8111
	NetView Full Base Japanese	JPZ8115
	NetView Monitor Base	JPZ8120
	NetView Monitor Japanese	JPZ8125

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by NetView Version 3 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

- NU** New data set used by only one program.
- NM** New data set used by more than one program.
- EU** Existing data set used by only one program.
- EM** Existing data set used by more than one program.

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## 6.1 Driving System Requirements

This section describes the environment of the driving system required to install NetView Version 3 Procedural System.

### 6.1.1 Operating System Requirements

Use an MVS/SP\* V2R2 (MVS/XA\*) or MVS/SP V3 or V4 (MVS/ESA) operating system to install NetView Version 3 Procedural System.

### 6.1.2 Machine Requirements

There are no special machine requirements for the driving system.

### 6.1.3 Programming Requirements

SMP/E R8 or later is required to install NetView Version 3 Procedural System.

### 6.1.4 DASD Storage Requirements

Figure 33 estimates the storage requirements for the SMPCSI data set for SMP/E. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

*Figure 33. Storage Requirements for SMPCSI Data Set for SMP/E for NetView Version 3 Procedural System*

DASD	Cylinders Required for SMPCSI Data	Tracks Required for SMPCSI Index
3390	40	30

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install NetView Version 3.

*Figure 34. Storage Requirements for SMP/E System Entries*

SUB-ENTRY	Value	Comment
DSSPACE	(300,500,900)	Use 900 directory blocks
PEMAX	9999	Use a PEMAX of 9999

Figure 35 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 34.

Figure 35. Approximate SMP/E Temporary Library Space

Disk Drive	Tracks
3390	1675

Figure 36. Storage Requirements for the SMP/E Work Data Sets

DDNAME	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPWRK1	PO	FB	80	6160	100,100	5
SMPWRK2	PO	FB	80	6160	200,100	5
SMPWRK3	PO	FB	80	3200	400,200	5
SMPWRK4	PO	FB	80	3200	400,200	5
SMPWRK6	PO	FB	80	3200	400,200	5

The following table provides an estimate of the additional storage needed in the SMP/E data sets for NetView Version 3. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 37. Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPMTS	EM	PO	FB	80	6160	40,10	25
SMPPTS	EM	PO	FB	80	6160	400,10	25
SMPLTS	EM	PO	FB	80	6160	3600,100	50
SMPSCDS	EM	PO	FB	80	6160	40,10	25
SMPSTS	EM	PO	FB	80	6160	40,10	25

## 6.2 Target System Requirements

This section describes the environment of the target system required to install and use NetView Version 3.

### 6.2.1 Operating System Requirements

NetView Version 3 Procedural System operates under the MVS/ESA operating system.

## 6.2.2 Machine Requirements

NetView Version 3 Procedural System runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.

## 6.2.3 Programming Requirements

NetView Version 3 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/SP-JES2 Version 3 Release 1.3 (5685-001) or later  
or  
MVS/SP-JES3 Version 3 Release 1.3 (5685-002) or later
  - ACF/VTAM\* Version 3 Release 3 for MVS/ESA (5686-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES2 Version 4 (5695-047) or MVS/ESA SP-JES3 Version 4 (5695-048)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES2 Version 5 (5655-068) or MVS/ESA SP-JES3 Version 5 (5655-069)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later

**Note:** No specific JES is required beyond what the operating system requires.

## 6.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install NetView Version 3 Procedural System.

The sizes given are correct for the US English language option of NetView Version 3 Procedural System. Other languages may vary slightly. The installation samples allocate data sets large enough to install any language option of NetView Version 3 Enterprise System. If you will only be installing a NetView Procedural System system, then you may conserve some DASD space by decreasing the dataset sizes being allocated in Figure 57 on page 83. Use the sizes listed in Figure 38 on page 49 as a guide. The installation samples allocate data sets large enough to install any language option of NetView Version 3 Procedural System. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.



Figure 38. Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C O R D S	L R E C O R D S	BLK Size	No. of BLKS	No. of DIR BLKS
BNJPNL1	EU	PO	FB	80	8800	2110	233
BNJPNL2	EU	PO	FB	80	8800	43	5
BNJSRC1	EU	PO	FB	80	8800	69	3
CNMCLST	EU	PO	FB	80	8800	445	11
CNMINST	EU	PO	FB	80	8800	38	2
CNMLINK	EU	PO	U	0	6144	2581	145
CNMPNL1	EU	PO	FB	80	8800	675	74
CNMSAMP	EU	PO	FB	80	8800	1416	19
DSIPARM	EU	PO	FB	80	8800	179	6
DSIPRF	EU	PO	FB	80	8800	5	1
SDSIOPEN	EU	PO	FB	80	8800	6	1
SEGVPS21	EU	PO	VB	256	6148	2450	2
SEGVPS22*	EU	PO	VB	256	6148	33	1
MACLIB	EU	PO	FB	80	8800	589	6
NVULIB	EU	PO	U	0	6144	24	6
SCNMLNK1	EU	PO	U	0	6144	2	1
SCNMLPA1	EU	PO	U	0	6144	6	2
SDSIMSG1	EU	PO	FB	80	8800	4	1
SDUIMSG1	EU	PO	FB	80	8800	5	1
SCNMPNL2*	NU	PO	FB	80	8800	644	73
SBNJPNL3*	NU	PO	FB	80	8800	2160	232
SCNMMJPN*	EU	PO	U	0	6144	64	10

\* Used only with the Japanese component.

Figure 39. Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C O R D S	L E N G T H	BLK Size	No. of BLKS	No. of DIR BLKS
ABNJPNL1	EU	PO	FB	80	8800	2114	233
ABNJPNL2	EU	PO	FB	80	8800	43	5
ABNJSRC1	EU	PO	FB	80	8800	69	3
ACNMCLST	EU	PO	FB	80	8800	445	11
ACNMINST	EU	PO	FB	80	8800	35	2
ACNMLINK	EU	PO	U	0	6144	4024	526
ACNMPNL1	EU	PO	FB	80	8800	675	74
ACNMSAMP	EU	PO	FB	80	8800	1416	19
ADSIPARM	EU	PO	FB	80	8800	179	6
ADSIPRF	EU	PO	FB	80	8800	5	1
ADSIOPEN	EU	PO	FB	80	8800	6	1
AEGVPS21	EU	PO	VB	256	6148	2450	2
AEGVPS22*	EU	PO	VB	256	6148	33	1
ADSIMSG1	EU	PO	FB	80	8800	4	1
ADUIMSG1	EU	PO	FB	80	8800	5	1
AMACLIB	EU	PO	FB	80	8800	589	6
ANVULIB	EU	PO	U	0	6144	24	6
ACNMPNL2*	NU	PO	FB	80	8800	644	73
ABNJPNL3*	NU	PO	FB	80	8800	2160	232
ACNMMJPN*	EU	PO	U	0	6144	64	8

### 6.3 Program Considerations

The following sections list the programming considerations for installing NetView Version 3 Procedural System and activating its functions.

\* Used only with the Japanese component.

## 6.3.1 Programming Considerations

See 6.0, "Installation Requirements and Considerations for the Procedural System" on page 44 for specific instructions.

## 6.3.2 System Considerations

There are no system considerations for NetView Version 3 Procedural System.

## 6.3.3 Special Considerations

The following NetView functions and features require the specified program levels or subsequent upward-compatible levels unless stated otherwise:

### 6.3.3.1 NetView Installation and Administration Facility/2

- OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)  
or  
OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)  
or  
OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)
- Communications Manager/2 1.0 (or later) (5871-AAA, 2804)
- Database 2 OS/2 (DB2/2) (5622-044) (DB2/2 1.2 or higher is recommended)

### 6.3.3.2 NetView Bridge -- Support for INFO Access

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API

### 6.3.3.3 MVS Sysplex Support - Compatibility Mode

NetView Version 3 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) without exploiting the extended multiple console support functions. One of the following is required:

- MVS/ESA SP-JES2 Version 4 (5695-047)
- MVS/ESA SP-JES3 Version 4 (5695-048)

#### **6.3.3.4 MVS Sysplex Support - Enablement**

NetView Version 3 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) and exploit the functions of the extended multiple console support. One of the following is required:

- MVS/ESA SP-JES2 Version 4 Release 2.2 (5695-047) or later
- MVS/ESA SP-JES3 Version 4 Release 2.2 (5695-048) or later

#### **6.3.3.5 Pre-initialized PL/I Environments for NetView HLL**

- OS PL/I Version 2.3 Library (5668-911)

#### **6.3.3.6 Pipeline Automation**

Pipeline automation for MVS commands requires the use of extended multiple console support. See MVS Sysplex Support Enablement.

#### **6.3.3.7 Support for IBM LAN Network Manager Enhanced Command Interface**

- IBM LAN Network Manager Version 1.1 (74F5-538)

#### **6.3.3.8 NetView Support for 3174 ISDN**

- 3174 Configuration C Release 1

#### **6.3.3.9 Session Monitor Support of APPN\* Display and Problem Determination**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)
- ACF/NCP Version 6 Release 2 (5688-231)

#### **6.3.3.10 Session Monitor Support of VTAM Takeover-Giveback of an NCP**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### **6.3.3.11 Session Monitor support of DLUR/DLUS**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)
- Communications Manager/2 1.1.1 for local support
- Communications Manager/2 1.2 for cross network support

#### **6.3.3.12 Session Monitor support of VR-TG and Bordernode**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)

#### **6.3.3.13 Session Monitor Support of VTAM Extended MS-Transport**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### **6.3.3.14 Management of Frame Relay (DTE) and Ethernet**

- ACF/NCP Version 6 (5688-231)

#### **6.3.3.15 NetView Parallel Transmission Group Support**

- ACF/NCP Version 5 Release 4 MVS and VM (5668-738)

#### **6.3.3.16 NetView Network Asset Management**

Provides NCP vital product data (VPD) and hardware device vital product information for those devices that support the Request Product Set ID (PSID) architecture or signal converters that support LPDA-2 commands:

- ACF/NCP Version 4 Release 2 (5668-854) for the 3720 or 3725 communication controllers

In addition to device support, the following releases of ACF/NCP provide vital product information for the communication controller:

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 4 VSE (5668-738) and
- ACF/NCP Version 5 Release 4 MVS and VM (5668-738) or later for the 3720 or 3745

#### **6.3.3.17 NetView Performance Monitor (NPM) Alerts**

- NPM Version 1 Release 4 (5665-333 MVS) or later for session alerts

#### **6.3.3.18 NetView Support for Programmable Network Access (PNA)**

- PNA Version 1.11 (72F0-708)

#### **6.3.3.19 Active in Session**

- ACF/VTAM Version 3 Release 4.2 for MVS/ESA (5685-085)

#### **6.3.3.20 SAF Security Checking on RODM Connections**

- RACF\* 1.9 (5740-XXH) (or later) or its SAF equivalent

#### **6.3.3.21 SAF Security Checking on NetView Operator Password Protection**

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

#### **6.3.3.22 SAF Security Checking RMTCMD RMTOPS Class**

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

### **6.3.3.23 SAF security checking for NetView Command Authorization**

- RACF 2.1 (5695-039) or its SAF equivalent

### **6.3.3.24 SAF security checking for NetView Span of Control Access**

- RACF 2.1 (5695-039) or its SAF equivalent

### **6.3.3.25 SAF security checking for NetView Operator Logon Information**

- RACF 2.1 (5695-039) or its SAF equivalent

### **6.3.3.26 HLL Restriction**

## **6.3.4 High Level Language (HLL) restriction**

- NetView V3R1 is not compatible with the AD/Cycle LE/370 compilers or run time libraries for PL/I or C command processors or installation exits for either the basic HLL support or for the graphics support (NGMF). NetView V3R1 is compatible with the AD/Cycle LE/370 compilers or run time libraries for RODM method code and can be used only if you are running RODM without the graphics support.

### **6.3.4.1 Other Considerations**

For information regarding the latest CSD level applicable to your version of OS/2, refer to the PSP bucket.

In order to use extended MCS consoles, the MVS 4.2.2 system must be at PUT level 9201 or above. Also ensure the PTFs related to the following APARS are applied:

OY53278  
OY53501  
OY56361 and OY56362 (PE of 53278 and 53501)  
OY53280  
OY53281  
OY53282  
OY52960  
OY54135  
OY55149  
OY55148  
OY56570  
OY56801  
OY57024  
OY57082

In order to use the Resource Object Data Manager (RODM) function, apply the PTFs related to the following APARS.

Figure 40. APARs Required to Use RODM

Product	APARs
PL/I V2R3	PL85812 PN06072 PN00307 PN16148 PN25681 PN18478
MVS	OY44197 OY47321 (for MVS 3.1.3 only) OY50257 OY47498

If you wish to use the RACF defined RODMMGR class for security, you must first apply the PTF(s) relating to APAR OW00233.

The PTF(s) relating to APAR IR79685 should be applied to TSO/E **before** you install any NetView files to your workstation from the host.

If you are using PC TSO File Transfer, apply PTF UR30379.

If you are using TSO/E 2.1.1, apply the PTFs for APARs OY21043 and OY21666. These APARs address co-requisites for NetView customers who will be using REXX. They should be applied to TSO/E and can be applied to MVS/ESA systems.

If you are using TSO/E 2.3, apply the PTFs for APAR OY55379. This APAR addresses a problem encountered when running REXX CLISTs.

The PTF(s) relating to APAR OY15390, OY21657, and OY21659 should be applied to VTAM if you are using Network Asset Management.

If you are running VTAM V3R4.1, you must apply the PTFs associated with APAR OY63261.

If you are running VTAM V4R1, you must apply the PTFs associated with the following APARs: OY66754, OY66126, OY66978, OY62056, OY65044 and OY66382.

If you intend to run V3R1 Statmon with downlevel NetView(s) in a network, you will need to apply the following apars to the other NetView systems:

<b>V2R2</b>	UW10667
<b>V2R3</b>	UW10799
<b>V2R4</b>	UW10668

If you are installing a NetView V3R1 whose session monitor (NLDM) communicates with V2R4 session monitor(s), the following PTFs are required on the V2R4 system(s) for some cross-domain functions to work correctly: UW15993 (code) along with UW15994 (English panels) and/or UW15995 (Japanese panels).

If you are using SAF security checking for NetView Operator Logon Information you must apply PTF UW90113 (APAR OW05651).

The PTF(s) for APARs PL36280, PL38681, and PL41906 should be applied to the IBM C Compiler if that language will be used to write NetView command procedures or installation exits.

The TSCF V1 PTF for APAR OY44072 is required for NetView Version 3 to run with TSCF V1.

If your network will have both NetView Version 3 Procedural System and NetView V1R3 and you plan to use the Alert Color support (COLOR option hardware monitor recording and viewing filters), apply the PTF(s) associated with the APARs found in Figure 41. If you do not apply these PTFs, attempting to display or set COLOR filters on the NetView V1R3 system from the NetView Version 3 Procedural System can cause unpredictable results.

*Figure 41. NetView V1R3 APARs*

<b>APAR</b>	<b>Operating System</b>
OY28667	MVS/ESA
OY28534	MVS/XA
VM40102	VM

If your network will have a combination of NetView Version 3 Procedural System and NetView V1R2, V1R3, V2R1, or V2R2, then the appropriate PTFs associated with the APARs listed in Figure 42 and Figure 43 on page 57 should be applied to your NetView V1R2, V1R3, V2R1, or V2R2 systems in order for cross-domain session monitor data to be displayed correctly by your NetView Version 3 Procedural System.

*Figure 42. NetView V1R2 and V1R3 APARs*

<b>APAR(s)</b>	<b>Release/Operating System</b>
OY28581	V1R3 MVS/ESA
OY25548	V1R3 MVS/XA
VM39856	V1R3 VM
OY26070	V1R2 MVS/XA
OY27016	V1R2 MVS/370
DY38134	V1R2 VSE
VM39857	V1R2 VM



Figure 43. NetView V2R1 and V2R2 APARs

<b>APAR(s)</b>	<b>Release/Operating System</b>
OY57858	V2R1 MVS/ESA
OY52593	V2R1 MVS/ESA
OY56209	V2R2 MVS/ESA
OY54834	V2R2 MVS/ESA
OY52593	V2R2 MVS/ESA
OY54651	V2R2 MVS/ESA
OY57224	V2R2 MVS/ESA
OY56338	V2R2 MVS/XA
OY53482	V2R2 MVS/XA
OY54648	V2R2 MVS/XA
OY57221	V2R2 MVS/XA

You are now aware of all of the installation requirements for NetView Version 3 Procedural System. Proceed to 8.0, "Installation Instructions" on page 77 to begin your product installation.

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## 7.0 Installation Requirements and Considerations for the Enterprise System

The following sections identify the system requirements for installing and activating NetView Version 3 Enterprise System. The information is categorized into two distinct system environments:

- The system used to install the program (driving system)
- The system on which the program is installed (target system)

Figure 44 shows the Enterprise System NLS options and their components.

Figure 44. NLS Options for Enterprise System

NLS Ordering Option	Components	FMIDs
Enterprise System US English	NetView SNA Base	HPZ8100
	NetView SNA Base PL/I	JPZ8101
	NetView SNA Base C/370	JPZ8102
	NetView Full Base	JPZ8110
	NetView Full Base PL/I	JPZ8111
	NetView Full Base US English	JPZ8114
	NetView Monitor Base	JPZ8120
	NetView Monitor US English	JPZ8124
	NetView RODM Base	HPZ8130
	NetView RODM PL/I	JPZ8131
	NetView RODM C/370	JPZ8132
	NetView RODM AD/Cycle LE/370	JPZ8133
	NetView RODM US English	JPZ8134
	NetView RODM Methods	JPZ8136
	NetView SNATM Base	JPZ8140
	NetView SNATM US English	JPZ8144
	NetView GMF Base	JPZ8150
	NetView GMF US English	JPZ8154
NetView GMF US English	JPZ8156	
Enterprise System Japanese	NetView SNA Base	HPZ8100
	NetView SNA Base PL/I	JPZ8101
	NetView SNA Base C/370	JPZ8102
	NetView Full Base	JPZ8110
	NetView Full Base PL/I	JPZ8111
	NetView Full Base Japanese	JPZ8115
	NetView Monitor Base	JPZ8120
	NetView Monitor Japanese	JPZ8125
	NetView RODM Base	HPZ8130
	NetView RODM PL/I	JPZ8131
	NetView RODM C/370	JPZ8132
	NetView RODM AD/Cycle LE/370	JPZ8133
	NetView RODM Japanese	JPZ8135
	NetView RODM Methods	JPZ8136
	NetView SNATM Base	JPZ8140
	NetView SNATM Japanese	JPZ8145
	NetView GMF Base	JPZ8150
	NetView GMF Japanese	JPZ8155
NetView GMF Japanese	JPZ8157	

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by NetView Version 3 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

**NU** New data set used by only one program.

- NM** New data set used by more than one program.
- EU** Existing data set used by only one program.
- EM** Existing data set used by more than one program.

## 7.1 Driving System Requirements

This section describes the environment of the driving system required to install NetView Version 3 Enterprise System.

### 7.1.1 Operating System Requirements

Use an MVS/SP\* V2R2 (MVS/XA\*) or MVS/SP V3 or V4 (MVS/ESA) operating system to install NetView Version 3 Enterprise System.

### 7.1.2 Machine Requirements

There are no special machine requirements for the driving system.

### 7.1.3 Programming Requirements

SMP/E R8 or later is required to install NetView Version 3 Enterprise System.

### 7.1.4 DASD Storage Requirements

Figure 45 estimates the storage requirements for the SMPCSI data set for SMP/E. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

*Figure 45. Storage Requirements for SMPCSI Data Set for SMP/E for NetView Version 3 Enterprise System*

<b>DASD</b>	<b>Cylinders Required for SMPCSI Data</b>	<b>Tracks Required for SMPCSI Index Data</b>
3390	40	30

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install NetView Version 3.

*Figure 46. Storage Requirements for SMP/E System Entries*

<b>SUB-ENTRY</b>	<b>Value</b>	<b>Comment</b>
DSSPACE	(300,500,900)	Use 900 directory blocks
PEMAX	9999	Use a PEMAX of 9999

Figure 47 on page 61 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 34 on page 45.

Figure 47. Approximate SMP/E Temporary Library Space

Disk Drive	Tracks
3390	1675

Figure 48. Storage Requirements for the SMP/E Work Data Sets

DDNAME	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPWRK1	PO	FB	80	6160	100,100	5
SMPWRK2	PO	FB	80	6160	200,100	5
SMPWRK3	PO	FB	80	3200	400,200	5
SMPWRK4	PO	FB	80	3200	400,200	5
SMPWRK6	PO	FB	80	3200	400,200	5

The following table provides an estimate of the additional storage needed in the SMP/E data sets for NetView Version 3. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 49. Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPMTS	EM	PO	FB	80	6160	40,10	25
SMPPTS	EM	PO	FB	80	6160	400,10	25
SMPLTS	EM	PO	FB	80	6160	3600,100	50
SMPSCDS	EM	PO	FB	80	6160	40,10	25
SMPSTS	EM	PO	FB	80	6160	40,10	25

## 7.2 Target System Requirements

This section describes the environment of the target system required to install and use NetView Version 3.

## 7.2.1 Operating System Requirements

NetView Version 3 Enterprise System operates under the MVS/ESA operating system.

## 7.2.2 Machine Requirements

NetView Version 3 Enterprise System runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.

## 7.2.3 Programming Requirements

NetView Version 3 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/SP-JES2 Version 3 Release 1.3 (5685-001) or later  
or  
MVS/SP-JES3 Version 3 Release 1.3 (5685-002) or later
  - ACF/VTAM\* Version 3 Release 3 for MVS/ESA (5686-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES2 Version 4 (5695-047) or MVS/ESA SP-JES3 Version 4 (5695-048)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES2 Version 5 (5655-068) or MVS/ESA SP-JES3 Version 5 (5655-069)
  - ACF/VTAM Version 3 Release 3 for MVS/ESA (5685-085) or later  
or  
ACF/VTAM Version 3 Release 3 for MVS/XA (5665-289)
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later

**Note:** No specific JES is required beyond what the operating system requires.

## 7.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install NetView Version 3 Enterprise System.

The sizes given are correct for the US English language option of NetView Version 3 Enterprise System. Other languages may vary slightly. The installation samples allocate data sets large enough to install any language option of NetView Version 3 Enterprise System. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

**Note:** NetView Version 3 Enterprise System cannot be installed on 3350 DASD.

Figure 50 (Page 1 of 2). Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
BNJPNL1	EU	PO	FB	80	8800	2110	233
BNJPNL2	EU	PO	FB	80	8800	43	5
BNJSRC1	EU	PO	FB	80	8800	69	3
CNMCLST	EU	PO	FB	80	8800	447	11
CNMINST	EU	PO	FB	80	8800	35	2
CNMLINK	EU	PO	U	0	6144	4640	150
CNMPNL1	EU	PO	FB	80	8800	675	74
CNMSAMP	EU	PO	FB	80	8800	1895	21
DSIPARM	EU	PO	FB	80	8800	193	6
DSIPRF	EU	PO	FB	80	8800	5	1
SDSIOPEN	EU	PO	FB	80	8800	6	1
SEGVPS21	EU	PO	VB	256	6148	5276	8
SEGVPS22*	EU	PO	VB	256	6148	95	1
MACLIB	EU	PO	FB	80	8800	709	13
NVULIB	EU	PO	U	0	6144	29	6
SCNMLNK1	EU	PO	U	0	6144	2	1
SCNMLPA1	EU	PO	U	0	6144	6	2
SDSIMSG1	EU	PO	FB	80	8800	4	1
SDUIMSG1	EU	PO	FB	80	8800	5	1
SEKGMOD1	NU	PO	U	0	6144	391	6
SEKGMOD2	NM	PO	U	0	6144	462	14
SEKGLNK1	EU	PO	U	0	6144	2	1
SEKGLUTB	NU	PO	FB	80	8800	1	1
SEKGCAS1	NU	PO	FB	80	8800	1	1
SEKGLANG	NM	PO	FB	125	3125	15	1
SEKGSMP1	NM	PO	FB	80	8800	336	7
SEKGPNL1	NM	PO	FB	80	8800	15	2
SFLBDAT1	NM	PO	VB	1028	23476	17	2
SCNMPNL2*	NU	PO	FB	80	8800	644	73
SBNJPNL3*	NU	PO	FB	80	8800	2160	232



Figure 50 (Page 2 of 2). Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
SCNMMJPN*	EU	PO	U	0	6144	64	10
SEKGPNL2*	NM	PO	FB	80	8800	12	2

Figure 51 (Page 1 of 2). Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
ABNJPNL1	EU	PO	FB	80	8800	2114	233
ABNJPNL2	EU	PO	FB	80	8800	43	5
ABNJSRC1	EU	PO	FB	80	8800	69	3
ACNMCLST	EU	PO	FB	80	8800	447	11
ACNMINST	EU	PO	FB	80	8800	35	2
ACNMLINK	EU	PO	U	0	6144	6068	550
ACNMPNL1	EU	PO	FB	80	8800	675	74
ACNMSAMP	EU	PO	FB	80	8800	1893	21
ADSIPARM	EU	PO	FB	80	8800	193	6
ADSIPRF	EU	PO	FB	80	8800	5	1
ADSIOPEN	EU	PO	FB	80	8800	6	1
AEGVPS21	EU	PO	VB	256	6148	5276	8
AEGVPS22*	EU	PO	VB	256	6148	95	1
ADSIMSG1	EU	PO	FB	80	8800	5	1
ADUIMSG1	EU	PO	FB	80	8800	5	1
AMACLIB	EU	PO	FB	80	8800	709	13
ANVULIB	EU	PO	U	0	6144	29	6
AEKGMOD1	NU	PO	U	0	6144	909	80
AEKGLUTB	NU	PO	FB	80	8800	1	1

\* Used only with the Japanese component.

Figure 51 (Page 2 of 2). Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S R O R G	R E C O M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
AEKGCAS1	NU	PO	FB	80	8800	1	1
AEKGLANG	NM	PO	FB	125	3125	15	1
AEKGSMP1	NU	PO	FB	80	8800	337	7
AEKGPNL1	NU	PO	FB	80	8800	15	2
AFLBDAT1	NU	PO	VB	1028	23476	17	2
ACNMPNL2*	NU	PO	FB	80	8800	644	73
ABNJPNL3*	NU	PO	FB	80	8800	2160	232
ACNMMJPN*	EU	PO	U	0	6144	64	8
AEKGPNL2*	NU	PO	FB	80	8800	12	2

## 7.3 Programmable Workstation Target System Requirements

The following describes the environment of the programmable workstation target system required for installation of the NetView Graphic Monitor Facility. After installation on the host target system, the programmable workstation components must be downloaded and installed on a programmable workstation for operation.

### 7.3.1 Programmable Workstation Target Operating System Requirements

The NetView Graphic Monitor Facility supported in the MVS/ESA operating system consists of code that executes as a NetView data services sub-task on System/370 and System/390 hosts and the workstation code that executes on any IBM Personal System/2(R) (PS/2(R)) with a 386 or higher processor or IBM Industrial Computer that compatibly supports the IBM Operating System/2 2.1(R) (OS/2(R)) or Operating System/2 3.0 (WARP) defined in the Programming Requirements section that follows. The Japanese translation feature requires a double-byte character set (DBCS)-capable terminal, such as the IBM PS/55, to display Japanese characters. The following are the minimum requirements beyond those required for OS/2 and other concurrently running programs:

- Any hardware that runs the supported levels of IBM OS/2 2.1 (or later)

\* Used only with the Japanese component.

- 3.0MB of additional memory (combined client/server, with a 200 resource network and one view active)
- 15MB of additional fixed disk space
- Color display (VGA or higher)
- Mouse
- IBM PS/55 Micro Channel(R) architecture (MCA) system unit for Japanese (or when using Traditional Chinese or Korean OS/2)
- Communications Manager/2 1.0 (or later) for host and workstation communications and the following:
  - Any communication adapter that Communications Manager/2 supports
  - 3270 emulator communications (optional - for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by Communications Manager/2

The NetView Installation and Administration Facility/2 (NIAF/2), consists of workstation code that executes on any IBM Personal System/2(R) (PS/2(R)) with a 386 or higher processor or IBM Industrial Computer that compatibly supports the IBM Operating System/2 2.1(R) (OS/2(R)) or Operating System/2 3.0(R) (WARP) defined in the Programming Requirements section that follows. It is recommended that NIAF/2 run on a 486 processor with a 33MHz or higher clock speed. The Japanese translation feature requires a double-byte character set (DBCS)-capable terminal, such as the IBM PS/55, to display Japanese characters. The following are the minimum requirements beyond those required for OS/2 and other concurrently running programs:

- Any hardware that runs the supported levels of IBM OS/2 2.1 (or later)
- 2.0MB of additional memory
- 15MB of additional fixed disk space plus 2MB of additional disk space for each NetView domain to be installed using NIAF/2
- Optional: Online NIAF/2 supplied books require an additional 10 MB of fixed disk space
- Color display (VGA or higher)
- Mouse
- IBM PS/55 Micro Channel architecture (MCA) system unit for Japanese (or when using Traditional Chinese or Korean OS/2)
- Communications Manager/2 1.0 (or later) for host and workstation communications and the following:
  - Any communication adapter that Communications Manager/2 supports
  - 3270 emulator communications (optional - for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by Communications Manager/2

The selection of Personal System/2 model size, DASD, and memory depends on performance factors, such as the size of the supported network, the number of views, and the amount of network activity. NetView storage estimate worksheets in the V3R1 NetView Tuning Guide (SC31-8048) provide help in workstation storage calculations.

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## 7.4 Program Considerations

The following sections list the programming considerations for installing NetView Version 3 Enterprise System and activating its functions.

### 7.4.1 Programming Considerations

See 7.0, "Installation Requirements and Considerations for the Enterprise System" on page 58 for specific instructions.

### 7.4.2 System Considerations

There are no system considerations for NetView Version 3 Enterprise System.

### 7.4.3 Special Considerations

The following NetView functions and features require the specified program levels or subsequent upward-compatible levels unless stated otherwise:

#### 7.4.3.1 NetView Installation and Administration Facility/2

- OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)  
or  
OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)  
or  
OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)
- Communications Manager/2 1.0 (or later) (5871-AAA, 2804)
- Database 2 OS/2 (DB2/2) (5622-044) (DB2/2 1.2 or higher is recommended)

#### 7.4.3.2 Resource Object Data Manager (RODM)

- One of the following sets of runtime libraries:
  - PL/I 370 and C 370
    - OS PL/I Version 2.3 Library (5668-911)
    - C/370 Library Version 2 (5688-188)
  - AD/Cycle LE/370 Version 1 Release 3 (5688-198)
- One of the following is required:
  - MVS/ESA SP-JES2 Version 4 Release 2 (5695-047) or later
  - MVS/ESA SP-JES3 Version 4 Release 2 (5695-048) or later
- RODM Methods

- NetView Version 3 RODM methods written in PL/I and C are compatible with AD/Cycle LE/370 compiler and runtime libraries

### **7.4.3.3 NetView Bridge -- Support for INFO Access**

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API

### **7.4.3.4 Graphic Monitor Facility Host Subsystem**

- RODM requirements plus
- C/370 Library Version 2 (5688-188)

### **7.4.3.5 ASCII Console Support in Graphic Monitor Facility Host Subsystem**

- Transaction Control Protocol/Internet Protocol (TCP/IP) Version 1.2 for OS/2 (02G6-968)

### **7.4.3.6 NetView Graphic Monitor Facility (NGMF)**

- OS/2 as applicable
  - OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)  
or  
OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)  
or  
OS/2 J2.1 (5605-PBQ) and Extended Services J (5605-PEE)
  - Communications Manager/2 1.0 (or later) (5871-AAA, 2804)
- For workstation customization - optional
  - IBM C SET/2
  - Note: V3R1 is removing support of EASEL (trademark of EASEL Corp.)

### **7.4.3.7 NGMF Communications Manager Configuration Utility**

- NGMF requirements plus
- OS/2 as applicable, with Communications Manager/2
  - OS/2 2.1 (61G0900, 61G0901, 61G0902, 61G0903, 61G0904, 61G1877)  
or  
OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)  
or

OS/2 J2.1 (5605-PBQ)

#### **7.4.3.8 RODM Administration and NGMF Problem and Inventory Functions**

- NGMF requirements plus
- NetView Bridge requirements (PL/I API) plus
- Network Configuration Application/MVS (5695-099) - optional

#### **7.4.3.9 SNA Topology Manager**

- RODM requirements plus
- ACF/VTAM Version 4 Release 3 for MVS/ESA (5695-117) or later
- Generalized Trace Facility
- C/370 Library Version 2 (5688-188)

#### **7.4.3.10 APPN Accounting Manager**

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5695-117) or later
- Generalized Trace Facility
- C/370 Library Version 2 (5688-188)
- System Management Facility or an equivalent external logging facility

#### **7.4.3.11 NetView Graphic Monitor Facility Installation (if not using NIAF/2)**

- The applicable file transfer program for the communication subsystem

#### **7.4.3.12 APPN Topology and Accounting Agent**

- OS/2 2.0 or later
- Communications Manager/2 1.1 (or later)

#### **7.4.3.13 MVS Sysplex Support - Compatibility Mode**

NetView Version 3 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) without exploiting the extended multiple console support functions. One of the following is required:

- MVS/ESA SP-JES2 Version 4 (5695-047)
- MVS/ESA SP-JES3 Version 4 (5695-048)

#### **7.4.3.14 MVS Sysplex Support - Enablement**

NetView Version 3 for MVS/ESA can operate within an MVS/ESA system complex (sysplex) and exploit the functions of the extended multiple console support. One of the following is required:

- MVS/ESA SP-JES2 Version 4 Release 2.2 (5695-047) or later
- MVS/ESA SP-JES3 Version 4 Release 2.2 (5695-048) or later

#### **7.4.3.15 Pre-initialized PL/I Environments for NetView HLL**

- OS PL/I Version 2.3 Library (5668-911)

#### **7.4.3.16 Pipeline Automation**

Pipeline automation for MVS commands requires the use of extended multiple console support. See MVS Sysplex Support Enablement.

#### **7.4.3.17 Support for IBM LAN Network Manager Enhanced Command Interface**

- IBM LAN Network Manager Version 1.1 (74F5-538)

#### **7.4.3.18 NetView Support for 3174 ISDN**

- 3174 Configuration C Release 1

#### **7.4.3.19 Session Monitor Support of APPN\* Display and Problem Determination**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)
- ACF/NCP Version 6 Release 2 (5688-231)

#### **7.4.3.20 Session Monitor Support of VTAM Takeover-Giveback of an NCP**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### **7.4.3.21 Session Monitor support of DLUR/DLUS**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)
- Communications Manager/2 1.11 for local support
- Communications Manager/2 1.2 for cross network support

#### **7.4.3.22 Session Monitor support of VR-TG and Bordernode**

- ACF/VTAM Version 4 Release 2 for MVS/ESA (5695-117)

#### **7.4.3.23 Session Monitor Support of VTAM Extended MS-Transport**

- ACF/VTAM Version 4 Release 1 for MVS/ESA (5695-117)

#### **7.4.3.24 Management of Frame Relay (DTE) and Ethernet**

- ACF/NCP Version 6 (5688-231)

#### **7.4.3.25 NetView Parallel Transmission Group Support**

- ACF/NCP Version 5 Release 4 MVS and VM (5668-738)

#### **7.4.3.26 NetView Network Asset Management**

Provides NCP vital product data (VPD) and hardware device vital product information for those devices that support the Request Product Set ID (PSID) architecture or signal converters that support LPDA-2 commands:

- ACF/NCP Version 4 Release 2 (5668-854) for the 3720 or 3725 communication controllers

In addition to device support, the following releases of ACF/NCP provide vital product information for the communication controller:

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 4 VSE (5668-738) and
- ACF/NCP Version 5 Release 4 MVS and VM (5668-738) or later for the 3720 or 3745

#### **7.4.3.27 NetView Performance Monitor (NPM) Alerts**

- NPM Version 1 Release 4 (5665-333 MVS) or later for session alerts

#### **7.4.3.28 NetView Support for Programmable Network Access (PNA)**

- PNA Version 1.11 (72F0-708)

#### **7.4.3.29 Active in Session**

- ACF/VTAM Version 3 Release 4.2 for MVS/ESA (5685-085)

#### **7.4.3.30 SAF Security Checking on RODM Connections**

- RACF\* 1.9 (5740-XXH) (or later) or its SAF equivalent

#### **7.4.3.31 SAF Security Checking on NetView Operator Password Protection**

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent

#### **7.4.3.32 SAF Security Checking RMTCMD RMTOPS Class**

- RACF 1.9 (5740-XXH) (or later) or its SAF equivalent



### **7.4.3.33 SAF security checking for NetView Command Authorization**

- RACF 2.1 (5695-039) or its SAF equivalent

### **7.4.3.34 SAF security checking for NetView Span of Control Access**

- RACF 2.1 (5695-039) or its SAF equivalent

### **7.4.3.35 SAF security checking for NetView Operator Logon Information**

- RACF 2.1 (5695-039) or its SAF equivalent

### **7.4.3.36 HLL Restriction**

## **7.4.4 High Level Language (HLL) restriction**

- NetView V3R1 is not compatible with the AD/Cycle LE/370 compilers or run time libraries for PL/I or C command processors or installation exits for either the basic HLL support or for the graphics support (NGMF). NetView V3R1 is compatible with the AD/Cycle LE/370 compilers or run time libraries for RODM method code and can be used only if you are running RODM without the graphics support.

### **7.4.4.1 Other Considerations**

For information regarding the latest CSD level applicable to your version of OS/2, refer to the PSP bucket.

In order to use extended MCS consoles, the MVS 4.2.2 system must be at PUT level 9201 or above. Also ensure the PTFs related to the following APARS are applied:

OY53278  
OY53501  
OY56361 and OY56362 (PE of 53278 and 53501)  
OY53280  
OY53281  
OY53282  
OY52960  
OY54135  
OY55149  
OY55148  
OY56570  
OY56801  
OY57024  
OY57082

In order to use the Resource Object Data Manager (RODM) function, apply the PTFs related to the following APARS.

Figure 52. APARs Required to Use RODM

Product	APARs
PL/I V2R3	PL85812 PN06072 PN00307 PN16148 PN25681 PN18478
MVS	OY44197 OY47321 (for MVS 3.1.3 only) OY50257 OY47498

If you wish to use the RACF defined RODMMGR class for security, you must first apply the PTF(s) relating to APAR OW00233.

The PTF(s) relating to APAR IR79685 should be applied to TSO/E **before** you install any NetView files to your workstation from the host.

If you are using PC TSO File Transfer, apply PTF UR30379.

If you are using TSO/E 2.1.1, apply the PTFs for APARs OY21043 and OY21666. These APARs address co-requisites for NetView customers who will be using REXX. They should be applied to TSO/E and can be applied to MVS/ESA systems.

If you are using TSO/E 2.3, apply the PTFs for APAR OY55379. This APAR addresses a problem encountered when running REXX CLISTs.

The PTF(s) relating to APAR OY15390, OY21657, and OY21659 should be applied to VTAM if you are using Network Asset Management.

If you are running VTAM V3R4.1, you must apply the PTFs associated with APAR OY63261.

If you are running VTAM V4R1, you must apply the PTFs associated with the following APARs: OY66754, OY66126, OY66978, OY62056, OY65044 and OY66382.

The following information details the necessary maintenance for anyone using CM/2 to communicate with VTAM 4.3:

If you will be using Communications Manager/2 in your network to communicate with VTAM 4.3, then you will need to apply the latest level of Communications Manager/2 "APPC" APAR Fixtests to your Communications Manager/2 systems.

To obtain a copy of this package, you can dial the Communications Manager/2 Bulletin Board (BBS) and download the appropriate package. (Refer to Info APAR II07033 for instructions on using the CM/2 Bulletin Board system.)

Instead of entering an APAR number, for option 2 under SERV you will need to enter the following package name for the specific level of CM/2 you are running:

Package Name	Product Version	
CM2AP111	Communications Manager/2 1.11	(WR06150)
CM2AP110	Communications Manager/2 1.10	(WR06000)
CM2AP101	Communications Manager/2 1.0.1	(WR06050)

To communicate with the V2R4 level of APPNTAM from V3R1 you will need to apply the following apars to the V2R4 level of APPNTAM:

**English APPNTAM** UW15415 and UW15417  
**Japanese APPNTAM** UW15415 and UW15418

If you intend to run V3R1 Statmon with downlevel NetView(s) in a network, you will need to apply the following apars to the other NetView systems:

**V2R2** UW10667  
**V2R3** UW10799  
**V2R4** UW10668

If you are installing a NetView V3R1 whose session monitor (NLDM) communicates with V2R4 session monitor(s), the following PTFs are required on the V2R4 system(s) for some cross-domain functions to work correctly: UW15993 (code) along with UW15994 (English panels) and/or UW15995 (Japanese panels).

If you are using SAF security checking for NetView Operator Logon Information you must apply PTF UW90113 (APAR OW05651).

The PTF(s) for APARs PL36280, PL38681, and PL41906 should be applied to the IBM C Compiler if that language will be used to write NetView command procedures or installation exits.

The TSCF V1 PTF for APAR OY44072 is required for NetView Version 3 to run with TSCF V1.

If your network will have both NetView Version 3 Enterprise System and NetView V1R3 and you plan to use the Alert Color support (COLOR option hardware monitor recording and viewing filters), apply the PTF(s) associated with the APARs found in Figure 53. If you do not apply these PTFs, attempting to display or set COLOR filters on the NetView V1R3 system from the NetView Version 3 Enterprise System can cause unpredictable results.

Figure 53. NetView V1R3 APARs

APAR	Operating System
OY28667	MVS/ESA
OY28534	MVS/XA
VM40102	VM

If your network will have a combination of NetView Version 3 Enterprise System and NetView V1R2, V1R3, V2R1, or V2R2, then the appropriate PTFs associated with the APARs listed in Figure 54 on page 76 and Figure 55 on page 76 should be applied to your NetView V1R2, V1R3, V2R1, or V2R2 systems in order for cross-domain session monitor data to be displayed correctly by your NetView Version 3 Enterprise System.

*Figure 54. NetView V1R2 and V1R3 APARs*

<b>APAR(s)</b>	<b>Release/Operating System</b>
OY28581	V1R3 MVS/ESA
OY25548	V1R3 MVS/XA
VM39856	V1R3 VM
OY26070	V1R2 MVS/XA
OY27016	V1R2 MVS/370
DY38134	V1R2 VSE
VM39857	V1R2 VM

*Figure 55. NetView V2R1 and V2R2 APARs*

<b>APAR(s)</b>	<b>Release/Operating System</b>
OY57858	V2R1 MVS/ESA
OY52593	V2R1 MVS/ESA
OY56209	V2R2 MVS/ESA
OY54834	V2R2 MVS/ESA
OY52593	V2R2 MVS/ESA
OY54651	V2R2 MVS/ESA
OY57224	V2R2 MVS/ESA
OY56338	V2R2 MVS/XA
OY53482	V2R2 MVS/XA
OY54648	V2R2 MVS/XA
OY57221	V2R2 MVS/XA

You are now aware of all of the installation requirements for NetView Version 3 Enterprise System. Proceed to 8.0, "Installation Instructions" on page 77 to begin your product installation.

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## 8.0 Installation Instructions

This chapter describes the installation method and step-by-step procedures to install the functions of NetView Version 3.

If you obtained NetView Version 3 as part of a CBPDO, you can use the RIMLIB job on the CBPDO tape to run the SMP/E RECEIVE as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the *MVS CBPDO Memo to User Extension* included with the CBPDO.

This release of the NetView Version 3 program is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands.

The procedure outlined in this chapter assumes that the user has a knowledge of SMP/E R8 or later based on the *SMP/E User's Guide*. To resolve any SMP/E related problems in the procedure, refer to the *SMP/E User's Guide* and the *SMP/E Reference*. This installation process does not cover the PARMLIB or other changes to MVS/ESA that are required to run NetView Version 3. The MVS/ESA changes required to run NetView Version 3 are discussed in the *NetView Installation and Administration Guide*.

NetView Version 3 can be installed into either new or existing SMP/E zones.

Beginning with V2R1, NetView no longer uses the LINKLIB, NPDALIB, NLDMLIB, and LPALIB target libraries or the distribution libraries ABNJMOD1, AOS27, and NLOADLIB (this was also true of NetView V1R3 in MVS/ESA, but not in MVS/XA). NetView now uses ACNMLINK as the distribution library for much of its code. SCNMLPA1 is now the target library for modules that formerly resided in LPALIB, SCNMLNK1 is now the target library for the status monitor performance improvement code and CNMLINK is now the target library used for the rest of the NetView modules, other than RODM modules. RODM modules reside in SEKGMOD1 and SEKGMOD2. It is important to understand that migration from a NetView release earlier than V2R1 (or V1R3 MVS/ESA) may not be a simple procedure. Where NetView modules exist in either LPALIB or LINKLIB and you have chosen to run with a previous release of NetView or NCCF while you test NetView Version 3, you must be aware of the results of adding CNMLINK to LNKLST and SCNMLPA1 to LPALST. IBM does not recommend using SCNMLPA1 in a STEPLIB concatenation with the NetView startup procedure.

IBM recommends that you add CNMLINK to your LNKLST concatenation for performance reasons. However, if you do this prior to finishing your testing and deleting the previous NetView or NCCF which placed code in LINKLIB, the code existing in CNMLINK will not be found and executed. This is because LINKLIB is searched prior to the data sets listed in LNKLST. Therefore, you should use a procedure that has a STEPLIB statement in it for CNMLINK, and only after finishing your testing and deleting the previous release of NetView or NCCF should CNMLINK be added to LNKLST and the STEPLIB statement for CNMLINK be removed from the NetView procedure.

Releases of NetView prior to Version 2 as well as the predecessor products NCCF and NPDA used LPALIB to contain code which can affect your migration testing strategy. IBM recommends that you add SCNMLPA1 to LPALST to ease migration. If you do this prior to finishing your testing and deleting the

previous NetView or NCCF and NPDA which placed code in LPALIB, the code existing in SCNMLPA1 will not be found and executed. This is because LPALIB is searched prior to the data sets listed in LPALST. This is not a problem, because the code in SCNMLPA1 is downward compatible. At the earliest opportunity you should delete the previous release of NetView or NCCF and NPDA which will remove the old code from LPALIB.

If you are migrating from NetView V2R2, or later, there is no problem with LINKLIB, but the above consideration for SCNMLPA1 still is pertinent.

For information on LPALST and LNKLST, see *MVS/ESA Installation and Tuning*.

With NetView Version 3 you will notice some major changes which will affect your SMP installation:

1. SMP/E R8 or later is now the minimum level of SMP/E that you may use. With this level of SMP comes CALLLIBS support. This will allow you to link C370, PL/I and AD/Cycle LE/370 libraries at APPLY time, thus eliminating the post-apply link edit jobs that used to be required when installing NetView. You will need to add DDDEF statements for these libraries to your DDDEF job if you plan on using them.
2. The combination of allowing more ordering options for NetView Version 3 and the use of SMP/E R8 or later has resulted in a large increase in the number of FMIDs you will receive with NetView. This will give you more granularity in deciding which NetView functions you wish to RECEIVE and APPLY. It should not substantially increase the time or complexity of installing or servicing NetView, as you can RECEIVE, APPLY and ACCEPT multiple FMIDs at a time, and the installation samples have been designed to aid you in this.
3. If you are installing Enterprise System you must **make** a decision when applying the RODM component. RODM will allow you to run with **either** AD/Cycle LE/370 or a combination of PL/I and C370 as your High Level Language, however you **cannot** mix them. If you are planning to run with AD/Cycle LE/370 you **must** apply FMID JPZ8133, but **not** FMIDs JPZ8131 or JPZ8132. You **MAY NOT** use AD/Cycle LE/370 if you intend to manage your systems and networks graphically which will include the usage of the NGMF, GMFHS, and SNA Topology components of NetView.

If you are running with PL/I you **must** apply FMID JPZ8131 and if you are also using C370 you **must** apply JPZ8132. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 84 on page 164 and Figure 85 on page 166 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 80 on page 158 to apply the FMID for your new HLL. Make sure that you **only** APPLY the FMID(s) for the HLL you are adding at this time. If you try to re-apply any other RODM FMIDs, SMP will inform you that you are re-applying an existing FMID.

Be careful when you transmit the linked datasets from one system to another. If the PL/I, C370, or LE/370 run time libraries are not at the same level on both systems, the NetView code may not run. Common symptoms would be S0C1, S0C4, and S0C7 abends.

4. NetView Version 3 Enterprise System cannot be installed on 3350 DASD.

The two basic choices for installing NetView Version 3 are:

1. You can install into new target and distribution zones. This is the recommended method for NetView Version 3 for users who will continue to use a prior version of NetView after NetView Version 3 has been installed. SMP jobs will load the necessary code into the appropriate libraries, then try to delete any prior releases of NetView. Since you are installing into a new CSI target zone, there is nothing to delete. SMP will continue by saying there was nothing deleted. There is no need to give any dummy library names for your prior NetView because SMP has no way to know that a previous release was ever installed.

When your testing is finished and you have migrated completely to NetView Version 3, you can run a delete job to remove the old NetView FMIDs from SMP. At that time you will have to provide SMP with access to the old LPALIB and LINKLIB libraries. For more information see 8.1.5.2, "APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 161. The *NetView Installation and Administration Guide* contains additional information on running more than one NetView in a single host.

2. You can install the NetView program within existing target and distribution zones. This is the recommended method for installing NetView Version 3 for those who wish to delete their prior release of NetView without keeping the prior and the new NetView available for use at the same time (as in choice 1). If you install NetView Version 3 into the same zone, you must provide access to your prior libraries via DDDEFs or DD statements. SMP will remove all traces of your previous release of NetView, including the FMIDs. In addition, you have to provide access to your SYS1.LPALIB so SMP may remove the old LPALIB modules. If by chance there are some traces of prior releases that still exist in SMP even though the libraries have been deleted, SMP will know and you will have to allocate dummy libraries for SMP and then apply again. When the apply and accept are complete, you may delete the dummy libraries. Be careful not to delete your real SYS1.LPALIB and SYS1.LINKLIB libraries. For more information see 8.1.5.2, "APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed" on page 161.

If you are installing NetView Version 3 into existing SMP/E zones and/or existing target and distribution libraries, you should first make a backup of the zones, the target and distribution libraries and other SMP/E data sets that will be changed during the installation. This backup will allow you to start over in case a severe error occurs during installation.

There is no SYSGEN support for NetView Version 3. If a SYSGEN is performed after the installation of NetView Version 3 is complete, the GENERATE facility of SMP/E can be used to re-install NetView Version 3.

The samples provided with NetView Version 3 must be customized to work in your system's environment. Where possible, the samples call attention to places where customization is necessary; however, it is possible that additional customization may be required. For example, job card information may need to be customized.

The SMP/E R8 or later dialogs can be used to install NetView Version 3.

---

## 8.1 Installing NetView Version 3

The following is an overview of the step-by-step process used to install NetView Version 3, as documented in this program directory. The installation instructions follow the overview.

1. Unload the installation samples from the distribution tape.
2. Allocate NetView Version 3 target and distribution libraries.
3. Establish the correct SMP/E environment for NetView Version 3.
4. RECEIVE each NetView Version 3 FMID that you intend to use.
5. APPLY each NetView Version 3 FMID that you have received.
6. ACCEPT each NetView Version 3 FMID that you have applied.
7. Install the PTFs for CUM Maintenance.

### 8.1.1 Unload the Installation Samples from the Distribution Tape for NetView Version 3

CNMJUNLD (shown in Figure 56) can be used to unload the NetView Version 3 installation samples from the distribution tape.

```
//CNMJUNLD JOB (ACCOUNTING,INFORMATION),'PROGRAMMER NAME',
//          MSGLEVEL=(1,1),MSGCLASS=A,CLASS=A
//*****/
//* JCL TO UNLOAD INSTALLATION JCL FROM THE NETVIEW TAPE      */
//*****/
//UNLOAD EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//INTAPE DD DSN=IBM.HPZ8100.F2,DISP=OLD,
//          UNIT=tape,
//          VOL=SER=PZ8100,LABEL=(3,SL)
//OUTDISK DD DSN=NETVIEW.V3R1M0.INSTALL,
//          UNIT=sysda,
//          DISP=(NEW,CATLG,DELETE),
//          VOL=SER=xxxxx,
//          DCB=(DSORG=PO,RECFM=FB,LRECL=80,BLKSIZE=8800),
//          SPACE=(8800,(100,10,25))
//SYSIN DD *
COPY INDD=INTAPE,OUTDD=OUTDISK
/*
//
```

Figure 56. CNMJUNLD

Make the following changes to the sample shown in Figure 56:

- Specify a valid UNIT for the INTAPE DD. The value shown here (“tape”) will cause a JCL error.



- Specify a valid UNIT and VOLSER for the output data set called NETVIEW.V3R1M0.INSTALL in the example. The values shown here (“sysda” and “xxxxx”) will cause JCL errors.
- You may want to change the high-level qualifier of the output data set for the NetView installation samples. (In Figure 56 on page 80, it's “NETVIEW.”)

This job should complete with a condition code of 0.

## 8.1.2 Allocate NetView Version 3 Target and Distribution Libraries

Ensure that the NetView Version 3 target and distribution libraries have sufficient space. If you are installing a Remote Unattended System, refer to Figure 26 on page 35 and Figure 27 on page 35 for proper sizes. If you are installing a Procedural System refer to Figure 38 on page 49 and Figure 39 on page 49 for proper sizes, and if you are installing an Enterprise System refer to Figure 50 on page 64 and Figure 51 on page 65. To allow for maintenance, the space allocations in CNMJALLO are larger than the actual minimum space required, and are for an Enterprise System. If you are installing a Remote Unattended System or a Procedural System system you may want to adjust some of the datasets to conserve space.

Remember, if you first install a Remote Unattended System or Procedural System system, and then, at a later time, decide to migrate to an Enterprise System system, you may need to enlarge your datasets. To find out how much larger your datasets must be for an Enterprise System system you should use the charts listed in the previous paragraph. In some cases you will need to create new datasets, as there are some datasets that are only used in the Enterprise System system.

If you are installing the NetView program for the first time, CNMJALLO, found in NETVIEW.V3R1M0.INSTALL, can be used to create the target and distribution libraries which are used exclusively by NetView Version 3.

For systems that have a NetView installed, CNMJALLO can be used as a basis for re-allocating any target or distribution libraries that need to be re-allocated.

Note that CNMJALLO does not attempt to create target or distribution libraries which are used by other products (MACLIB and AMACLIB).

The NLDM database keylength was changed from 54 to 27 as an SPE to NetView V1R3. It was incorporated in NetView V2R1 and all later releases. If you are migrating from an earlier release, or are migrating from V2R1 but have not changed your keylength from 54 to 27, reallocate your VSAM database to have a keylength of 27.

The target library SCNMLPA1 must be cataloged in the master catalog so that it can later be concatenated to SYS1.LPALIB via the LPALSTxx member of SYS1.PARMLIB. The target libraries CNMLINK, SEKGMOD1 and SEKGMOD2 must also be cataloged in the master catalog if they are to be added to the linklist via the LNKLSTxx member of SYS1.PARMLIB. The LPALIB and linklist concatenations are discussed further in *NetView Installation and Administration Guide*.

### **8.1.2.1 Storage Requirements for NetView Version 3 and Its Features**

Run CNMJALLO, if you are allocating new NetView Version 3 libraries, before proceeding to 8.1.3, "Establish the Correct SMP/E Environment for NetView Version 3" on page 94. CNMJALLO should end with a condition code of 0.

```

//CNMJALLO JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                        **
//**      PROCEDURE: CNMJALLO                                **
//**                                                        **
//**      FUNCTION:                                          **
//**      ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION      **
//**      DATA SETS WHICH WILL LATER BE POPULATED BY SMP/E **
//**                                                        **
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. HIGH LEVEL FOR TGT AND DIST DSETS              **
//**      2. 2ND LEVEL FOR TGT AND DIST DSETS              **
//**      3. UNIT TYPE FOR TARGET VOLUME                    **
//**      4. VOLUME SERIAL OF TARGET VOLUME                 **
//**      5. UNIT TYPE FOR DIST VOLUME                      **
//**      6. VOLUME SERIAL OF DIST VOL                      **
//**      7. IF YOU ARE INSTALLING THE JAPANESE VERSION    **
//**      OF NETVIEW (HPZ81x5) THEN YOU MUST UNCOMMENT     **
//**      THE DD STATEMENTS WHICH ARE USED TO               **
//**      ALLOCATE THE TARGET AND DISTRIBUTION DATA        **
//**      SETS. YOU SHOULD ALSO COMMENT OUT THE             **
//**      ENGLISH ONLY DATA SETS, AS THEY WILL NOT        **
//**      BE USED.                                           **

```

Figure 57 (Part 1 of 11). CNMJALLO

```

/**      8. IF YOU ARE INSTALLING THE RODM FMIDS      **
/**      (H/JPZ813x) WHICH ARE APPLICABLE ONLY FOR **
/**      ENTERPRISE NETVIEW YOU MUST UNCOMMENT THE DD **
/**      STATEMENTS WHICH ALLOCATE THE TARGET AND   **
/**      DISTRIBUTION DATA SETS FOR THE RODM FILES. **
/**      9. IF YOU ARE INSTALLING THE SNATM FMIDS    **
/**      (JPZ814x) WHICH ARE APPLICABLE ONLY FOR   **
/**      ENTERPRISE NETVIEW YOU MUST UNCOMMENT THE DD **
/**      STATEMENTS WHICH ALLOCATE THE TARGET AND   **
/**      DISTRIBUTION DATA SETS FOR THE SNATM FILES. **
/**      **                                           **
/**      EXPECTED COND CODE: 0000                    **
/**      **                                           **
/**      ACTIVITY:                                   **
/**      *****                                     **
/**      *****                                     **
/**      //CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
/**      //ALLOC1 EXEC PGM=IEFBR14
/**      *****                                     **
/**      ** TARGET LIBRARIES FOR NETVIEW              **
/**      *****                                     **
/**      //CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
/**      // UNIT=&TUNIT,
/**      // VOL=SER=&TVOLID,
/**      // SPACE=(8800,(800,,20),,,ROUND),
/**      // DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
/**      // DISP=(NEW,CATLG)
/**      //CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
/**      // UNIT=&TUNIT,
/**      // VOL=SER=&TVOLID,
/**      // SPACE=(6144,(6500,,200),,,ROUND),
/**      // DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
/**      // DISP=(NEW,CATLG)
/**      //SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
/**      // UNIT=&TUNIT,
/**      // VOL=SER=&TVOLID,
/**      // SPACE=(6144,(10,,2)),
/**      // DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
/**      // DISP=(NEW,CATLG)
/**      //SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
/**      // UNIT=&TUNIT,
/**      // VOL=SER=&TVOLID,
/**      // SPACE=(6144,(10,,4)),
/**      // DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
/**      // DISP=(NEW,CATLG)

```

Figure 57 (Part 2 of 11). CNMJALLO

```

//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(60,,6)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1600,,150),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(4000,,60),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(250,,20),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,,6),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(50,,5),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(40,,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)

```

Figure 57 (Part 3 of 11). CNMJALLO

```

//SDUIMSG1 DD DSN=&HLQ..&SLQ.SDUIMSG1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(25,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//BNJPNL2  DD DSN=&HLQ..&SLQ.BNJPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(120,,8)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(120,,12)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(8000,,40)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//BNJSRC1  DD DSN=&HLQ..&SLQ.BNJSRC1,    <==7 ENGLISH ONLY
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(130,,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 57 (Part 4 of 11). CNMJALLO

```

//BNJPNL1 DD DSN=&HLQ..&SLQ.BNJPNL1,          ‘
//          UNIT=&TUNIT,                        ‘
//          VOL=SER=&TVOLID,                    ‘
//          SPACE=(8800,(4200,,300),,,ROUND),   ‘
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800), ‘
//          DISP=(NEW,CATLG)                    <-----
//*SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,    <==8 RODM ONLY-----
//*          UNIT=&TUNIT,                        ENTERPRISE ONLY
//*          VOL=SER=&TVOLID,                    ‘
//*          SPACE=(6144,(4,,1)),                ‘
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144), ‘
//*          DISP=(NEW,CATLG)                    ‘
//*SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,      ‘
//*          UNIT=&TUNIT,                        ‘
//*          VOL=SER=&TVOLID,                    ‘
//*          SPACE=(6144,(1200,,10)),            ‘
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144), ‘
//*          DISP=(NEW,CATLG)                    ‘
//*SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,      ‘
//*          UNIT=&TUNIT,                        ‘
//*          VOL=SER=&TVOLID,                    ‘
//*          SPACE=(6144,(2000,,25)),            ‘
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144), ‘
//*          DISP=(NEW,CATLG)                    ‘
//*SEKGSMP1 DD DSN=&HLQ..&SLQ.SEKGSMP1,      ‘
//*          UNIT=&TUNIT,                        ‘
//*          VOL=SER=&TVOLID,                    ‘
//*          SPACE=(8800,(500,,12)),            ‘
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800), ‘
//*          DISP=(NEW,CATLG)                    ‘
//*SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,      ‘
//*          UNIT=&TUNIT,                        ‘
//*          VOL=SER=&TVOLID,                    ‘
//*          SPACE=(3125,(25,,4)),              ‘
//*          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125), ‘
//*          DISP=(NEW,CATLG)                    ‘

```

Figure 57 (Part 5 of 11). CNMJALLO

```

//*SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,          ‘
/**          UNIT=&TUNIT,                          ‘
/**          VOL=SER=&TVOLID,                       ‘
/**          SPACE=(8800,(6,,3)),                   ‘
/**          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),  ‘
/**          DISP=(NEW,CATLG)                       ‘
//*SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,          ‘
/**          UNIT=&TUNIT,                          ‘
/**          VOL=SER=&TVOLID,                       ‘
/**          SPACE=(8800,(4,,4)),                   ‘
/**          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),  ‘
/**          DISP=(NEW,CATLG)                       ‘
/**          <-----
//*SEKGPNL1 DD DSN=&HLQ..&SLQ.SEKGPNL1,          <==7,8 RODM ENGLISH
/**          UNIT=&TUNIT,                          ENTERPRISE ONLY
/**          VOL=SER=&TVOLID,                       ‘
/**          SPACE=(8800,(40,,4)),                   ‘
/**          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),  ‘
/**          DISP=(NEW,CATLG)                       ‘
/**          <-----
//*SFLBDAT1 DD DSN=&HLQ..&SLQ.SFLBDAT1,          <==9 SNATM ONLY---
/**          UNIT=&TUNIT,                          ENTERPRISE ONLY
/**          VOL=SER=&TVOLID,                       ‘
/**          SPACE=(1028,(600,,6)),                   ‘
/**          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23476), ‘
/**          DISP=(NEW,CATLG)                       ‘
/**          <-----
//*SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,          <==7 JAPANESE ONLY
/**          UNIT=&TUNIT,                          ‘
/**          VOL=SER=&TVOLID,                       ‘
/**          SPACE=(8800,(1200,,100),,,ROUND),       ‘
/**          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),  ‘
/**          DISP=(NEW,CATLG)                       ‘
//*SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,          ‘
/**          UNIT=&TUNIT,                          ‘
/**          VOL=SER=&TVOLID,                       ‘
/**          SPACE=(6148,(400,,5)),                   ‘
/**          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148), ‘
/**          DISP=(NEW,CATLG)                       ‘

```

Figure 57 (Part 6 of 11). CNMJALLO



```

//*SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,          '
//*          UNIT=&TUNIT,                          '
//*          VOL=SER=&TVOLID,                       '
//*          SPACE=(8800,(4500,,300),,,ROUND),      '
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),  '
//*          DISP=(NEW,CATLG)                       '
//*SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,            '
//*          UNIT=&TUNIT,                          '
//*          VOL=SER=&TVOLID,                       '
//*          SPACE=(6144,(120,,15)),                '
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),    '
//*          DISP=(NEW,CATLG)                       <-----
//*SEKGPNL2 DD DSN=&HLQ..&SLQ.SEKGPNL2,            <==7,8 RODM JAPANESE
//*          UNIT=&TUNIT,                          ENTERPRISE ONLY
//*          VOL=SER=&TVOLID,                       '
//*          SPACE=(8800,(40,,4)),                  '
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),  '
//*          DISP=(NEW,CATLG)                       <-----
//*****
//* DISTRIBUTION LIBRARIES
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,,20)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(8000,,650)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(60,,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 57 (Part 7 of 11). CNMJALLO

```

//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1500,,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4000,,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(300,,20),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPRF  DD DSN=&HLQ..&SLQ.ADSIPRF,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,,6),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(50,,5),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ANVULIB  DD DSN=&HLQ..&SLQ.ANVULIB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(40,,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 57 (Part 8 of 11). CNMJALLO

```

//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(25,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(120,,8)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(8000,,40)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(120,,12)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJSRC1 DD DSN=&HLQ..&SLQ.ABNJSRC1,      <==7 ENGLISH ONLY
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(130,,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL1 DD DSN=&HLQ..&SLQ.ABNJPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4200,,325)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 57 (Part 9 of 11). CNMJALLO

```

//*AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1, <==8 RODM ONLY-----
//*          UNIT=&DUNIT,                ENTERPRISE ONLY
//*          VOL=SER=&DVOLID,
//*          SPACE=(6144,(1200,,100)),
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//*          DISP=(NEW,CATLG)
//*AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(8800,(500,,12)),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG)
//*AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(3125,(25,,4)),
//*          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//*          DISP=(NEW,CATLG)
//*AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(8800,(6,,3)),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG)
//*AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(8800,(4,,4)),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG) <-----
//*AEKGPL1 DD DSN=&HLQ..&SLQ.AEKGPL1, <==7,8 RODM ENGLISH
//*          UNIT=&TUNIT,                ENTERPRISE ONLY
//*          VOL=SER=&TVOLID,
//*          SPACE=(8800,(40,,4)),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG) <-----

```

Figure 57 (Part 10 of 11). CNMJALLO

```

//*AFLBDAT1 DD DSN=&HLQ..&SLQ.AFLBDAT1, <==9 SNATM ONLY
//*          UNIT=&DUNIT,                ENTERPRISE ONLY
//*          VOL=SER=&DVOLID,
//*          SPACE=(1028,(600,,6)),
//*          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23476),
//*          DISP=(NEW,CATLG)           <-----
//*ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2, <==7 JAPANESE ONLY
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(8800,(1200,,100),,,ROUND),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG)
//*AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(6148,(400,,5)),
//*          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//*          DISP=(NEW,CATLG)
//*ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(8800,(4500,,300)),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG)
//*ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//*          UNIT=&DUNIT,
//*          VOL=SER=&DVOLID,
//*          SPACE=(6144,(120,,15)),
//*          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//*          DISP=(NEW,CATLG)           <-----
//*AEKGPL2  DD DSN=&HLQ..&SLQ.AEKGPL2, <==7,8 RODM JAPANESE
//*          UNIT=&TUNIT,                ENTERPRISE ONLY
//*          VOL=SER=&TVOLID,
//*          SPACE=(8800,(40,,4)),
//*          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//*          DISP=(NEW,CATLG)           <-----
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,                <==1 DATA SET HIGH LEVEL
//          SLQ='v3r1m0.',              <==2 DATA SET SECOND LEVEL
//          TUNIT=disk,                  <==3 TGT LIB UNIT TYPE
//          TVOLID=tttttt,              <==4 TGT LIB VOLSER
//          DUNIT=disk,                  <==5 DIST LIB UNIT TYPE
//          DVOLID=ddddd                 <==6 DIST LIB VOLSER

```

Figure 57 (Part 11 of 11). CNMJALLO

### 8.1.3 Establish the Correct SMP/E Environment for NetView Version 3

#### NLS note

To install both the NetView US English option and NetView Japanese option on the same CPU, they must be installed into separate global zones and separate target zones with maintenance applied to each independently. If you try to install both the US English option and Japanese option into the same global or target zones, the extended language features will not install correctly.

#### 8.1.3.1 Allocating New SMP/E Data Sets for NetView Version 3

If you chose to allocate a NetView SMP/E CSI then you may also wish to allocate separate SMP/E data sets for use with the new global zone. Sample CNMJSMPA is provided in NETVIEW.V3R1M0.INSTALL for that purpose. It is important that the data set names match between sample job CNMJSMPA, the sample SMP/E PROC, CNMJSMPA, and sample job CNMJZDEF. Both CNMJSMPA and CNMJSMPA are written to allow for a customer supplied second level to the data set names but neither requires it. If you choose to add a second level qualifier you should code it in the SMPSLQ parameter using quotes and containing the trailing period (e.g. SMPSLQ='USER.').

```

//CNMJSMPA JOB 'ACCOUNTING INFORMATION','SMP/E DATA SETS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE: CNMJSMPA                                **
//**
//**      FUNCTION:                                          **
//**      ALLOCATE THE SMP/E TEMPORARY LIBRARIES NEEDED     **
//**      IF SETTING UP A NEW GLOBAL ZONE FOR NETVIEW      **
//**      INSTALLATION AND MAINTENANCE.                     **
//**
//**      NOTE:                                             **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. HIGH LEVEL FOR SMP/E DATA SETS                **
//**      2. OPTIONAL 2ND LEVEL FOR SMP/E DATA            **
//**      SETS.  THE SMP/E PROC PROVIDED DOES               **
//**      NOT USE A SECOND LEVEL QUALIFIER,                  **
//**      BUT JUST AS THIS ALLOCATION JOB, IT                **
//**      IS CODED SO THAT YOU MAY USE ONE.                 **
//**      IF A SECOND LEVEL QUALIFIER IS USED               **
//**      IT MUST INCLUDE THE TRAILING ".".                 **
//**      FOR EXAMPLE: SMPSLQ='NETVIEW.',                   **
//**      3. UNIT TYPE FOR SMP/E DATA SETS                 **
//**      4. VOLUME SERIAL FOR SMP/E DATA SETS            **
//**
//**      EXPECTED COND CODE: 0000                           **
//**
//**      ACTIVITY:                                          **
//*****

```

Figure 58 (Part 1 of 3). CNMJSMPA

```

//*****
//SMPALLOC PROC SMPHLQ=,SMPSLQ=,SMPUNIT=,SMPVOL=
//ALLOC EXEC PGM=IEFBR14
//SYSPRINT DD SYSOUT=A
//*****
//* SMP/E TEMP LIBRARIES FOR USE WITH NETVIEW INSTALL **
//*****
//SMPMTS DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,
// SPACE=(6160,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPPTS DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,
// SPACE=(6160,(400,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPLTS DD DSN=&SMPHLQ..&SMPSLQ.SMPLTS,
// SPACE=(6144,(3600,100,50)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(RECFM=U,BLKSIZE=6144)
//SMPSCDS DD DSN=&SMPHLQ..&SMPSLQ.SMPSCDS,
// SPACE=(6160,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPSTS DD DSN=&SMPHLQ..&SMPSLQ.SMPSTS,
// SPACE=(6160,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160)
//SMPLOG DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,
// SPACE=(6160,(300,50)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=132,RECFM=VB,BLKSIZE=6160)

```

Figure 58 (Part 2 of 3). CNMJSMIPA



```

//SMPLOGA DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,
//          SPACE=(6160,(300,50)),
//          DISP=(NEW,CATLG,DELETE),
//          UNIT=&SMPUNIT,
//          VOL=SER=&SMPVOL,
//          DCB=(LRECL=132,RECFM=VB,BLKSIZE=6160)
//          PEND
//ALLOCATE EXEC SMPALLOC,
//          SMPHLQ=netview,          <==1 SMP/E HIGH LEVEL QUALIFIER
//          SMPSLQ=,                 <==2 OPTIONAL SECOND LEVEL QUAL.
//          SMPUNIT=disk,           <==3 UNIT NAME OF ALLOCATION DISK
//          SMPVOL=dddddd          <==4 VOLUME NAME OF ALLOC DISK
//

```

Figure 58 (Part 3 of 3). CNMJSMPLA

### 8.1.3.2 Creating a New SMP/E CSI for NetView Version 3

Users who wish to allocate new CSI data sets and create a separate set of global, distribution and target zones for NetView may do so using samples CNMJGCSI, CNMJCSIS and CNMJZDEF, supplied in NETVIEW.V3R1M0.INSTALL. CNMJGCSI will allocate and prime a global CSI data set. CNMJCSIS allocates and primes separate CSI data sets for the target and distribution zones. Use CNMJZDEF to define the zones once the CSIs are allocated and primed.

CNMJCSIA has also been supplied. It combines CNMJGCSI, CNMJCSIS and CNMJZDEF into one job. You may choose to run CNMJCSIA instead of CNMJGCSI, CNMJCSIS and CNMJZDEF. Review the SMP/E options defined in CNMJZDEF and CNMJCSIA. These options were chosen for maximum flexibility and a minimum number of later updates; you may wish to change some options. For example, the NOPURGE option, prevents the deletion of global zone SYSMOD entries, HOLDDATA entries, SMPPTS MCS entries and SMPTLIB data sets during ACCEPT processing. Specifying PURGE could save some disk space if the consequences are acceptable. The *SMP/E User's Guide* and the *SMP/E Reference* will be helpful in determining whether or not to specify NOPURGE.

Figure 59 on page 98, Figure 60 on page 100, and Figure 61 on page 103 show samples CNMJGCSI, CNMJCSIS and CNMJZDEF respectively. Figure 62 on page 106 shows sample CNMJCSIA.

```

//CNMJGCSI JOB 'ACCOUNTING INFORMATION','DEFINE GLOBAL CSI',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJGCSI                                **
//**
//**      FUNCTION:                                          **
//**      DELETE, DEFINE AND PRIME THE VSAM DATA SET FOR   **
//**      THE GLOBAL CSI                                     **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING FOR  **
//**      THE FIRST TIME AND WANT TO CREATE A NETVIEW CSI.  **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND       **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED     **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL   **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. UNIT TYPE OF DISK TO CONTAIN CSI                **
//**      2. VOLUME SERIAL OF DISK TO CONTAIN                **
//**      CSI                                                 **
//**      3. NAMES OF THE NETVIEW CSI VSAM DATA            **
//**      SET AND DATA AND INDEX COMPONENTS                 **
//**
//**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE     **
//**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE   **
//**
//**      EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS **
//**      0008 IF NO CSI EXISTS                               **
//**      0000 FOR PRIMCSI2                                   **
//**
//**      ACTIVITY:                                          **
//**
//*****

```

Figure 59 (Part 1 of 2). CNMJGCSI

```

//*****
//DELDEF1 EXEC PGM=IDCAMS
//CSIVOL DD UNIT=disk,          <==1 DASD UNIT TYPE
//          VOL=SER=dddddd,      <==2 VOLUME NAME
//          DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
DELETE netview.GLOBAL.CSI          /* <==3 CSI VSAM NAME */
DEFINE CLUSTER(NAME(netview.GLOBAL.CSI) /* <==3 */ -
              FREESPACE(20, 5)         -
              KEYS(24 0)                -
              RECORDSIZE(24 143)        -
              SHAREOPTIONS(2)           -
              UNIQUE                     -
              VOLUME(dddddd)           /* <==2 */ -
              DATA(NAME(netview.GLOBAL.CSI.DATA) /* <==3 */ -
              CONTROLINTERVALSIZE(4096) -
              CYLINDER(40 1))           -
              INDEX(NAME(netview.GLOBAL.CSI.INDEX)/* <==3 */ -
              CONTROLINTERVALSIZE(1024) -
              TRACK(30 1)                -
              IMBED)
/*
//PRIMCSI2 EXEC PGM=IDCAMS
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==3 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//

```

Figure 59 (Part 2 of 2). CNMJGCSI

```

//CNMJCSIS JOB 'ACCOUNTING INFORMATION','SMP/E R8 CSI SETUP',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJCSIS                               **
//**
//**      FUNCTION:                                          **
//**      DELETE, DEFINE AND PRIME THE VSAM DATA SETS FOR  **
//**      TARGET AND DISTRIBUTION ZONE CSIS                  **
//**
//**      THIS JOB SHOULD BE RUN IF YOU WISH TO HAVE        **
//**      SEPARATE CSIS FOR THE TARGET AND DISTRIBUTION     **
//**      ZONES                                              **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. UNIT TYPE OF DISK TO CONTAIN CSI              **
//**      2. VOLUME SERIAL OF DISK TO CONTAIN              **
//**      CSI                                                **
//**      3. HIGH LEVEL OF THE SMP/E SMPLOG AND             **
//**      SMPPTS DATA SETS.                                 **
//**      4. NAMES OF THE NETVIEW CSI VSAM DATA           **
//**      SETS AND DATA AND INDEX COMPONENTS               **
//**
//**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE     **
//**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE  **
//**

```

Figure 60 (Part 1 of 3). CNMJCSIS

```

/**      EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS      **
/**      0008      IF CSI DOESN'T EXIST      **
/**      0000 FOR PRIMCSI2      **
/**      0000 FOR PRIMCSI3      **
/**      **
/**      ACTIVITY:      **
/**      **
/**      *****
/**      *****
//DELDEF1 EXEC PGM=IDCAMS
//CSIVOL DD UNIT=disk,          <==1 DASD UNIT TYPE
//      VOL=SER=dddddd,      <==2 VOLUME NAME
//      DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
DELETE netview.tgt1.CSI      /* <==3,4 */
DELETE netview.dlib1.CSI    /* <==3,4 */

DEFINE CLUSTER(NAME(netview.tgt1.CSI) /* <==3,4 */ -
              FREESPACE(20, 5)      -
              KEYS(24 0)            -
              RECORDSIZE(24 143)    -
              SHAREOPTIONS(2)       -
              UNIQUE                 -
              VOLUME(dddddd)        /* <==2 */ -
              DATA(NAME(netview.tgt1.CSI.DATA) /* <==3,4 */ -
              CONTROLINTERVALSIZE(4096)      -
              CYLINDER(40 1))        -
              INDEX(NAME(netview.tgt1.CSI.INDEX) /* <==3,4 */ -
              CONTROLINTERVALSIZE(1024)      -
              TRACK(30 1)            -
              IMBED)

```

Figure 60 (Part 2 of 3). CNMJCSIS

```

DEFINE CLUSTER(NAME(netview.dlib1.CSI)      /* <==3,4 */ -
              FREESPACE(20, 5)              -
              KEYS(24 0)                    -
              RECORDSIZE(24 143)           -
              SHAREOPTIONS(2)              -
              UNIQUE                        -
              VOLUME(ddddd)                 /* <==2 */ -
              DATA(NAME(netview.dlib1.CSI.DATA) /* <==3,4 */ -
                    CONTROLINTERVALSIZE(4096) -
                    CYLINDER(40 1))         -
              INDEX(NAME(netview.dlib1.CSI.INDEX) /* <==3,4 */ -
                    CONTROLINTERVALSIZE(1024) -
                    TRACK(30 1)            -
                    IMBED)                  -
/*
//PRIMCSI2 EXEC PGM=IDCAMS
//SMPCSI DD DSN=netview.tgt1.CSI,DISP=SHR /* <==3,4 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
        REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//PRIMCSI3 EXEC PGM=IDCAMS
//SMPCSI DD DSN=netview.dlib1.CSI,DISP=SHR /* <==3,4 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
        REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//

```

Figure 60 (Part 3 of 3). CNMJCSIS

```

//CNMJZDEF JOB 'ACCOUNTING INFORMATION','SMP/E ZONE DEFINE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE: CNMJZDEF                                **
//**
//**      FUNCTION:                                          **
//**      DEFINE THE GLOBAL, TARGET AND DISTRIBUTION ZONES  **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE DEFINING A      **
//**      SEPARATE SMP/E ENVIRONMENT FOR NETVIEW            **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. NAME(S) OF THE NETVIEW GLOBAL CSI              **
//**      DATA SET                                          **
//**      2. HIGH LEVEL OF THE SMP/E SMPLOG AND             **
//**      SMPPTS DATA SETS.                                **
//**      3. TARGET AND DLIB ZONE NAMES                     **
//**      4. NAME(S) OF THE NETVIEW TARGET CSI              **
//**      DATA SET                                          **
//**      5. NAME(S) OF THE NETVIEW DISTRIBUTION            **
//**      CSI DATA SET                                     **
//**      6. PREFIX TO BE USED FOR SMPTLIBS                 **
//**      (RELFILES)                                        **
//**      7. THE NAME OF THE OPTIONS ENTRY USED            **
//**      BY THE TARGET AND DISTRIBUTION                    **
//**      ZONES FOR NETVIEW                                 **
//**

```

Figure 61 (Part 1 of 3). CNMJZDEF

```

/**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE      **
/**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE    **
/**
/**      EXPECTED COND CODE: 0000 FOR CZONES1                **
/**      ACTIVITY:                                           **
/**
/**      *****
/**      *****
//CZONES1 EXEC PGM=GIMSMP,PARM='DATE=U',REGION=5632K
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR <==1
//SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==2
//SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==2
//SMPOUT DD SYSOUT=*
//SMPLIST DD SYSOUT=*
//SMPRPT DD SYSOUT=*
//SMPSNAP DD DUMMY
//SYSUDUMP DD DUMMY
//SMPCNTL DD *
SET BOUNDARY(GLOBAL)
.
UCLIN
.
  ADD GLOBALZONE
    SREL(Z038)
    OPTIONS(defopt) /* <==7 OPTIONS ENTRY NAME */
    ZONEINDEX((tgt1,netview.tgt1.CSI,TARGET), /* <==3,4 */
              (dlib1,netview.dlib1.CSI,DLIB)) /* <==3,5 */
.
  ADD OPTIONS(defopt) /* <==7 OPTIONS ENTRY NAME */
    DSSPACE(300,500,900)
    DSPREFIX(netview) /* <==6 PREFIX FOR SMPTLIBS */
    NOPURGE
    NOREJECT
    SAVEMTS
    SAVESTS
    NUCID(1)
    PAGELEN(60)
    PEMAX(9999)
    RETRYDDN(ALL)
.
ENDUCL
.

```

Figure 61 (Part 2 of 3). CNMJZDEF



```

SET BOUNDARY(tgt1)                /* <==3 */
.
UCLIN
.
  ADD TARGETZONE(tgt1)            /* <==3 */
  OPTIONS(defopt)                /* <==7 OPTIONS ENTRY NAME */
  SREL(Z038)
  RELATED(dlib1)                 /* <==3 */
.
ENDUCL
.
SET BOUNDARY(dlib1)              /* <==3 */
.
UCLIN
.
  ADD DLIBZONE(dlib1)            /* <==3 */
  OPTIONS(defopt)                /* <==7 OPTIONS ENTRY NAME */
  SREL(Z038)
  RELATED(tgt1)                  /* <==3 */
.
ENDUCL
.
SET BOUNDARY(GLOBAL)
.
LIST
  ALLZONES
.
/*
//

```

Figure 61 (Part 3 of 3). CNMJZDEF

```

//CNMJCSIA JOB 'ACCOUNTING INFORMATION','SMP/E R8 CSI SETUP',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJCSIA                               **
//**
//**      FUNCTION:                                         **
//**      DELETE, DEFINE AND PRIME THE VSAM DATA SETS FOR  **
//**      GLOBAL, TARGET AND DISTRIBUTION ZONE CSIS         **
//**
//**      THIS JOB SHOULD BE RUN IF YOU WISH TO HAVE        **
//**      SEPARATE CSIS FOR THE TARGET AND DISTRIBUTION     **
//**      ZONES                                              **
//**
//**      NOTE:                                             **
//**      ARROWS "<==<=" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. UNIT TYPE OF DISK TO CONTAIN CSI               **
//**      2. VOLUME SERIAL OF DISK TO CONTAIN              **
//**      CSI                                                **
//**      3. HIGH LEVEL OF THE SMP/E SMPLOG AND             **
//**      SMPPTS DATA SETS.                                 **
//**      4. NAMES OF THE NETVIEW CSI VSAM DATA           **
//**      SETS AND DATA AND INDEX COMPONENTS              **
//**      5. TARGET AND DLIB ZONE NAMES                     **
//**      6. PREFIX TO BE USED FOR SMPTLIBS                **
//**      (RELFILES)                                        **
//**      7. THE NAME OF THE OPTIONS ENTRY USED           **
//**
//**      >>>> VERIFY THE OPTIONS SPECIFIED HERE IN THE     **
//**      >>>> SMP/E USER'S GUIDE AND THE SMP/E REFERENCE  **
//**

```

Figure 62 (Part 1 of 5). CNMJCSIA

```

/**      EXPECTED COND CODE: 0000 FOR DELDEF1 IF CSI EXISTS      **
/**      0008      IF CSI DOESN'T EXIST      **
/**      0000 FOR PRIMCSI2      **
/**      0000 FOR PRIMCSI3      **
/**      0000 FOR PRIMCSI4      **
/**      0000 FOR CZONES1      **
/**      **
/**      ACTIVITY:      **
/**      **
/**      *****
/**      *****
//DELDEF1 EXEC PGM=IDCAMS
//CSIVOL DD UNIT=disk,          <==1 DASD UNIT TYPE
//      VOL=SER=dddddd,        <==2 VOLUME NAME
//      DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
DELETE cnm.GLOBAL.CSI          /* <==3 CSI VSAM NAME */
DELETE netview.tgt1.CSI        /* <==3,4 */
DELETE netview.dlib1.CSI       /* <==3,4 */

DEFINE CLUSTER(NAME(cnm.GLOBAL.CSI) /* <==3 */ -
              FREESPACE(10, 5)      -
              KEYS(24 0)             -
              RECORDSIZE(24 143)    -
              SHAREOPTIONS(2)       -
              UNIQUE                 -
              VOLUME(dddddd)         /* <==2 */ -
              DATA(NAME(cnm.GLOBAL.CSI.DATA) /* <==3 */ -
              CONTROLINTERVALSIZE(4096)      -
              CYLINDER(1 1))         -
              INDEX(NAME(cnm.GLOBAL.CSI.INDEX) /* <==3 */ -
              CONTROLINTERVALSIZE(1024)      -
              TRACK(1 1)             -
              IMBED)

```

Figure 62 (Part 2 of 5). CNMJCSIA

```

DEFINE CLUSTER(NAME(netview.tgt1.CSI)          /* <==3,4 */ -
              FREESPACE(20, 5)                -
              KEYS(24 0)                       -
              RECORDSIZE(24 143)               -
              SHAREOPTIONS(2)                  -
              UNIQUE                           -
              VOLUME(dddddd)                   /* <==2 */ -
DATA(NAME(netview.tgt1.CSI.DATA)             /* <==3,4 */ -
      CONTROLINTERVALSIZE(4096)               -
      CYLINDER(40 1))                          -
INDEX(NAME(netview.tgt1.CSI.INDEX)           /* <==3,4 */ -
      CONTROLINTERVALSIZE(1024)               -
      TRACK(30 1)                              -
      IMBED)

DEFINE CLUSTER(NAME(netview.dlib1.CSI)        /* <==3,4 */ -
              FREESPACE(20, 5)                -
              KEYS(24 0)                       -
              RECORDSIZE(24 143)               -
              SHAREOPTIONS(2)                  -
              UNIQUE                           -
              VOLUME(dddddd)                   /* <==2 */ -
DATA(NAME(netview.dlib1.CSI.DATA)             /* <==3,4 */ -
      CONTROLINTERVALSIZE(4096)               -
      CYLINDER(40 1))                          -
INDEX(NAME(netview.dlib1.CSI.INDEX)           /* <==3,4 */ -
      CONTROLINTERVALSIZE(1024)               -
      TRACK(30 1)                              -
      IMBED)

/*
//PRIMCSI2 EXEC PGM=IDCAMS
//SMPCSI DD DSN=cnm.GLOBAL.CSI,DISP=SHR        /* <==3 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
      REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//PRIMCSI3 EXEC PGM=IDCAMS
//SMPCSI DD DSN=netview.tgt1.CSI,DISP=SHR     /* <==3,4 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
      REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*

```

Figure 62 (Part 3 of 5). CNMJCSIA

```

//PRIMCSI4 EXEC PGM=IDCAMS
//SMPCSI DD DSN=netview.dlib1.CSI,DISP=SHR /* <==3,4 */
//ZPOOL DD DSN=SYS1.MACLIB(GIMZPOOL),DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
    REPRO OUTFILE(SMPCSI) INFILE(ZPOOL)
/*
//CZONES1 EXEC PGM=GIMSMP,PARM='DATE=U',REGION=5632K
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR <==1
//SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==2
//SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==2
//SMPOUT DD SYSOUT=*
//SMPLIST DD SYSOUT=*
//SMPRPT DD SYSOUT=*
//SMPSNAP DD DUMMY
//SYSUDUMP DD DUMMY
//SMPCNTL DD *
SET BOUNDARY(GLOBAL)
.
UCLIN
.
    ADD GLOBALZONE
        SREL(Z038)
        OPTIONS(defopt) /* <==7 OPTIONS ENTRY NAME */
        ZONEINDEX((tgt1,netview.tgt1.CSI,TARGET), /* <==5,3 */
            (dlib1,netview.dlib1.CSI,DLIB)) /* <==5,3 */
.
    ADD OPTIONS(defopt) /* <==7 OPTIONS ENTRY NAME */
        DSSPACE(300,500,900)
        DSPREFIX(netview) /* <==6 PREFIX FOR SMPTLIBS */
        NOPURGE
        NOREJECT
        SAVEMTS
        SAVESTS
        NUCID(1)
        PAGELEN(60)
        PEMAX(9999)
        RETRYDDN(ALL)
.
ENDUCL
.

```

Figure 62 (Part 4 of 5). CNMJCSIA

```

SET BOUNDARY(tgt1)                                /* <==5 */
.
UCLIN
.
  ADD TARGETZONE(tgt1)                            /* <==5 */
    OPTIONS(defopt)                               /* <==7 OPTIONS ENTRY NAME */
    SREL(Z038)
    RELATED(dlib1)                                /* <==5 */
.
ENDUCL
.
SET BOUNDARY(dlib1)                               /* <==5 */
.
UCLIN
.
  ADD DLIBZONE(dlib1)                             /* <==5 */
    OPTIONS(defopt)                               /* <==7 OPTIONS ENTRY NAME */
    SREL(Z038)
    RELATED(tgt1)                                /* <==5 */
.
ENDUCL
.
SET BOUNDARY(GLOBAL)
.
LIST
  ALLZONES
.
/*
//

```

Figure 62 (Part 5 of 5). CNMJCSIA

### 8.1.3.3 SMP/E R8 or later Access to NetView Version 3 Data Sets

The sample SMP/E procedure CNMJSMPE, found in NETVIEW.V3R1M0.INSTALL, may be used to install NetView Version 3 if your installation does not have a standardized SMP/E cataloged procedure.

Both of the following methods for establishing SMP/E access to data sets assume MACLIB and AMACLIB data set names of SYS1.MACLIB and SYS1.AMACLIB. If your site has different names for these data sets then you should do one of the following:

1. Update the high level qualifier for the libraries MACLIB and AMACLIB in CNMJDDDF to use existing libraries. Because SMP/E CALLLIBS support does not support dataset definition via DD's which are placed into the SMP/E proc, the CNMJDDDC sample is no longer supported. CALLLIBS support is required so that the post-apply linkedit can be eliminated.
2. Create MACLIB and AMACLIB libraries with the same high level qualifier that you used for the libraries used exclusively by NetView Version 3.

To establish the correct SMP/E access to NetView Version 3 data sets, complete the following steps:

1. If you use CNMJSMPPE as your SMP/E procedure for this installation, save CNMJSMPPE and copy it to one of your system procedure libraries. Figure 63 on page 112 shows the sample CNMJSMPPE.
2. Add the DDDEFs for NetView Version 3 target libraries and distribution libraries (for RESTORE processing) to the target zone into which NetView Version 3 will be APPLyEd. Also add the DDDEFs for NetView Version 3 distribution libraries to the distribution zone into which NetView Version 3 will be ACCEPTed. CNMJDDDF, found in NETVIEW.V3R1M0.INSTALL, can be used to add the DDDEFs for NetView Version 3 to your target and distribution zones.

Run CNMJDDDF before proceeding.

**Note 1** Adding DDDEFs for NetView Version 3 libraries by adding DD to your SMP/E PROC for batch processing or your TSO LOGON PROC for SMP/E access through ISPF panels is no longer supported in NetView Version 3. This is because the CALLLIBS support in SMP/E which facilitates the elimination of post-apply linkedits does not support it.

**Note 2** You must make some modifications to CNMJDDDF before running it. Even if you use the default naming convention supplied, and are installing the Enterprise System option there are several steps in CNMJDDDF which are mutually exclusive. You should either comment out or delete the steps which will not apply to your installation. Since several steps re-define the same DD names, for various installation options, failure to do this will lead to invalid results.

3. Ensure that the SMP/E space requirements outlined in Figure 22 on page 31 and Figure 25 on page 32 are met by the SMP/E environment that will be used to install NetView Version 3. If you choose to use samples CNMJSMPA and CNMJCSI to create your SMP/E environment, or CNMJCSIA, these requirements are met and you may continue to 8.1.4, "RECEIVE NetView Version 3" on page 130. If you are not using CNMJSMPA and CNMJCSI to create your SMP/E environment, read the following items.
  - Storage requirements for SMPCSI data sets are found in Figure 21 on page 31.
  - CNMJUCLN, found in NETVIEW.V3R1M0.INSTALL, can be used to set the DSSPACE and PEMAX to the values shown in Figure 22 on page 31. CNMJUCLN should only be used if the values in your current OPTIONS entry are less than the values shown in Figure 22 on page 31.
  - Run CNMJUCLN, if necessary, before proceeding to 8.1.4, "RECEIVE NetView Version 3" on page 130. CNMJUCLN should end with a condition code of 0. Figure 65 on page 129 contains sample CNMJUCLN.

Figure 63 on page 112 shows sample CNMJSMPPE.

```

//CNMJSMP PROC SMPHLQ=netview, SMP/E HIGH LEVEL
// SMPSLQ= SMP/E SECOND LVL (include ".")
//*****
//*****
//**
//** 5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995 **
//** ALL RIGHTS RESERVED. **
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** REFER TO COPYRIGHT INSTRUCTIONS **
//** FORM NUMBER G120-2083. **
//** **
//** **
//** PROCEDURE: CNMJSMP **
//** **
//** FUNCTION: SAMPLE SMP/E CATALOGED PROCEDURE **
//** **
//** NOTE: TARGET AND DISTRIBUTION LIBRARIES MAY BE **
//** DEFINED TO SMP/E BY EITHER UPDATING THIS **
//** PROCEDURE TO INCLUDE THEIR DD CARDS OR BY **
//** USING THE SUPPLIED DDEF JOB TO DEFINE THE **
//** DD DEFINITIONS DIRECTLY IN SMP/E. DD CARDS **
//** IN THIS PROC WILL OVERRIDE DDEFS IN SMP/E. **
//** **
//** ACTIVITY: **
//*****

```

Figure 63 (Part 1 of 2). CNMJSMP



```

//*****
//SMP EXEC PGM=GIMSMP,PARM='DATE=U',REGION=5M
//SYSUT1 DD UNIT=SYSDA,SPACE=(1700,(900,200))
//SYSUT2 DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SYSUT3 DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SYSUT4 DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SMPWRK1 DD UNIT=SYSDA,SPACE=(6160,(100,100,5)),
//
// DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK2 DD UNIT=SYSDA,SPACE=(6160,(200,100,5)),
//
// DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK3 DD UNIT=SYSDA,SPACE=(3200,(400,200,5)),
//
// DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK4 DD UNIT=SYSDA,SPACE=(3200,(400,200,5)),
//
// DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK6 DD UNIT=SYSDA,SPACE=(3200,(400,200,5))
//
// DCB=(BLKSIZE=3200,LRECL=80)
//SMPOUT DD SYSOUT=A
//SMPLIST DD SYSOUT=A
//SMPRPT DD SYSOUT=A
//SYSPRINT DD SYSOUT=A
//SMPSNAP DD SYSOUT=A
//SYSUDUMP DD SYSOUT=A
//SMPHOLD DD DUMMY
//SYSLIB DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,DISP=SHR
//*****
//* SMP DATA SETS **
//*****
//SMPCSI DD DSN=&SMPHLQ..&SMPSLQ.GLOBAL.CSI,DISP=SHR
//SMPSCDS DD DSN=&SMPHLQ..&SMPSLQ.SMPSCDS,DISP=SHR
//SMPPTS DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,DISP=SHR
//SMPSTS DD DSN=&SMPHLQ..&SMPSLQ.SMPSTS,DISP=SHR
//SMPMTS DD DSN=&SMPHLQ..&SMPSLQ.SMPMTS,DISP=SHR
//SMPLTS DD DSN=&SMPHLQ..&SMPSLQ.SMPLTS,DISP=SHR
//SMPLOG DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,DISP=MOD
//SMPLOGA DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,DISP=MOD

```

Figure 63 (Part 2 of 2). CNMJSMPE

Figure 64 on page 114 shows sample CNMJDDDF.

```

//CNMJDDDF JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJDDDF                               **
//**
//**      FUNCTION:                                          **
//**      DEFINE NETVIEW TARGET AND DLIB DATA SETS        **
//**      TO YOUR SMP/E ENVIRONMENT.                        **
//**
//**      ADD DD DEFINITIONS TO TARGET AND DIST. ZONES     **
//**
//**      NOTE:                                             **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                            **
//**      1. YOUR SMP/E PROC                                **
//**      2. YOUR SMP/E TARGET ZONE                         **
//**      3. YOUR SMP/E DLIB ZONE                           **
//**      4. YOU MUST CHANGE netview.v3r1m0 TO BE THE     **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE         **
//**      FOR NETVIEW.  NETVIEW.V3R1M0 IS THE DEFAULT     **
//**      SHIPPED BY NETVIEW.                               **
//**      5. YOU MUST CHANGE pli.v2r3m0 TO BE THE         **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE         **
//**      FOR PL/I.                                         **
//**      6. YOU MUST CHANGE c370.v2r1m0 TO BE THE         **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE         **
//**      FOR C/370.                                        **

```

Figure 64 (Part 1 of 15). CNMJDDDF

```

/**      7. YOU MUST CHANGE cee.v1r3m0 TO BE THE      **
/**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE    **
/**      FOR LE/370.                                  **
/**      8. YOU MUST CHANGE sys1 TO BE THE SAME AS THE **
/**      HIGH LEVEL QUALIFIER YOU USE FOR CSSLIB OR  **
/**      MACLIB.                                       **
/**      YOU MUST DECIDE WHICH STEPS YOU NEED TO RUN AND **
/**      WHICH YOU SHOULD DELETE. THERE ARE 8 SPECIFIC **
/**      STEPS:                                       **
/**      DDDEF1 (UNATTENDED, PROCEDURAL, ENTERPRISE) **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED **
/**      FOR THE SNA BASE. (FMID HPZ8100)             **
/**      DDDEF1A (ANY NETVIEW'S NEEDING PL/I)        **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED **
/**      FOR PL/I COMPONENTS (FMIDs JPZ81x1)         **
/**      (ALSO SEE DDDEF1D)                          **
/**      DDDEF1B (ANY NETVIEW'S NEEDING C/370)       **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED **
/**      FOR C/370 COMPONENTS (FMIDs JPZ81x2)       **
/**      (ALSO SEE DDDEF1E)                          **
/**      DDDEF1C (ANY NETVIEW'S NEEDING LE/370)     **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED **
/**      FOR LE/370 COMPONENTS (FMIDs JPZ81x3)     **
/**      (ALSO SEE DDDEF1F)                          **
/**      DDDEF1D (IF RUNNING RODM OR PL/I HLL PROGRAMS **
/**      AND YOU DO NOT INTEND TO MANAGE YOUR SYSTEMS **
/**      AND NETWORKS GRAPHICALLY WHICH WILL INCLUDE **
/**      THE USAGE OF THE NGMF, GMFHS, RODM AND SNA  **
/**      TOPOLOGY COMPONENTS)                       **
/**      DDDEF1E (IF YOU INTEND TO MANAGE YOUR SYSTEMS **
/**      AND NETWORKS GRAPHICALLY AND INCLUDE DYNAMIC **
/**      STATUS UPDATES ... THIS INCLUDES THE USAGE OF **
/**      NGMF, GMFHS, RODM, AND SNA TOPOLOGY COMPONENTS **
/**      THIS IS THE RECOMMENDED LANGUAGE ENVIRONMENT) **
/**      DDDEF1F (IF RUNNING RODM ONLY USING LE/370 **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED **
/**      FOR FOR USING RODM AND GMFHS WITH LE/370, BUT **
/**      THIS WILL NOT WORK FOR SNATM SO DYNAMIC STATUS **
/**      UPDATES WILL NOT BE AVAILABLE)              **
/**      DDDEF2 (UNATTENDED, PROCEDURAL, ENTERPRISE) **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      FOR THE FULL BASE COMPONENT (FMID JPZ8110)  **
/**      (FMID JPZ8110)                              **

```

Figure 64 (Part 2 of 15). CNMJDDDF

```

/**      DDDEF2A (UNATTENDED, PROCEDURAL, ENTERPRISE)      **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS   **
/**      NEEDED FOR THE FULL BASE ENGLISH LANGUAGE         **
/**      (FMID JPZ8114)                                     **
/**      DDDEF2B (UNATTENDED, PROCEDURAL, ENTERPRISE)     **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS   **
/**      NEEDED FOR THE FULL BASE JAPANESE LANGUAGE        **
/**      (FMID JPZ8115)                                     **
/**      DDDEF3 (ENTERPRISE ONLY)                          **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS   **
/**      NEEDED FOR RODM (FMIDS JPZ813x)                   **
/**      DDDEF3A (ENTERPRISE ONLY)                         **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS   **
/**      NEEDED FOR RODM ENGLISH (FMIDS JPZ8134)           **
/**      DDDEF3B (ENTERPRISE ONLY)                         **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS   **
/**      NEEDED FOR RODM JAPANESE (FMIDS JPZ8135)          **
/**      DDDEF4 (ENTERPRISE ONLY)                          **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS   **
/**      NEEDED FOR SNATM (FMIDS JPZ814x)                  **
/**      **                                                 **
/**      EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY **
/**      EXIST)                                             **
/**      **                                                 **
/**      >>>> WARNING:                                     **
/**      >>>> IF YOU USE DDDEFS TO DEFINE THE TARGET AND   **
/**      >>>> DISTRIBUTION DATA SETS TO SMP/E YOU SHOULD NOT **
/**      >>>> COPY THE DD STATEMENTS FROM CNMJDDDC INTO YOUR **
/**      >>>> SMP/E PROC.                                   **
/**      **                                                 **
/**      ACTIVITY:                                         **
/**      ****
/**      ****

```

Figure 64 (Part 3 of 15). CNMJDDDF

```

/**
//DDDEF1 EXEC cnmjmspe          <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET BDY(tgt1)                   /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(CNMCLST )
DA(netview.v3r1m0.CNMCLST ) SHR.
ADD DDDEF(CNMINST )
DA(netview.v3r1m0.CNMINST ) SHR.
ADD DDDEF(CNMLINK )
DA(netview.v3r1m0.CNMLINK ) SHR.
ADD DDDEF(SCNMLNK1)
DA(netview.v3r1m0.SCNMLNK1) SHR.
ADD DDDEF(SCNMLPA1)
DA(netview.v3r1m0.SCNMLPA1) SHR.
ADD DDDEF(CNMPNL1 )
DA(netview.v3r1m0.CNMPNL1 ) SHR.
ADD DDDEF(CNMSAMP )
DA(netview.v3r1m0.CNMSAMP ) SHR.
ADD DDDEF(DSIPARM )
DA(netview.v3r1m0.DSIPARM ) SHR.
ADD DDDEF(DSIPRF )
DA(netview.v3r1m0.DSIPRF ) SHR.
ADD DDDEF(SDSIOPEN)
DA(netview.v3r1m0.SDSIOPEN) SHR.
ADD DDDEF(NVULIB )
DA(netview.v3r1m0.NVULIB ) SHR.
ADD DDDEF(BNJPNL2 )
DA(netview.v3r1m0.BNJPNL2 ) SHR.
ADD DDDEF(SDUIMSG1)
DA(netview.v3r1m0.SDUIMSG1) SHR.
ADD DDDEF(MACLIB )
DA(sys1.MACLIB ) SHR.
ADD DDDEF(ACNMCLST)
DA(netview.v3r1m0.ACNMCLST) SHR.
ADD DDDEF(ACNMINST)
DA(netview.v3r1m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
DA(netview.v3r1m0.ACNMLINK) SHR.

```

Figure 64 (Part 4 of 15). CNMJDDDF

```

ADD DDDEF(ACNMPNL1)
  DA(netview.v3r1m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v3r1m0.ACNMSAMP) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v3r1m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v3r1m0.ADSIPRF ) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v3r1m0.ADSIOPEN) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v3r1m0.ANVULIB ) SHR.
ADD DDDEF(ABNJPNL2)
  DA(netview.v3r1m0.ABNJPNL2) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v3r1m0.ADUIMSG1) SHR.
ADD DDDEF(AMACLIB )
  DA(sys1.AMACLIB ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ENDUCL.
SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(ACNMCLST)
    DA(netview.v3r1m0.ACNMCLST) SHR.
  ADD DDDEF(ACNMINST)
    DA(netview.v3r1m0.ACNMINST) SHR.
  ADD DDDEF(ACNMLINK)
    DA(netview.v3r1m0.ACNMLINK) SHR.
  ADD DDDEF(ACNMPNL1)
    DA(netview.v3r1m0.ACNMPNL1) SHR.
  ADD DDDEF(ACNMSAMP)
    DA(netview.v3r1m0.ACNMSAMP) SHR.
  ADD DDDEF(ADSIPARM)
    DA(netview.v3r1m0.ADSIPARM) SHR.
  ADD DDDEF(ADSIPRF )
    DA(netview.v3r1m0.ADSIPRF ) SHR.

```

Figure 64 (Part 5 of 15). CNMJDDDF

```

ADD DDDEF(ADSIOPEN)
  DA(netview.v3r1m0.ADSIOPEN) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v3r1m0.ANVULIB ) SHR.
ADD DDDEF(ABNJPNL2)
  DA(netview.v3r1m0.ABNJPNL2) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v3r1m0.ADUIMSG1) SHR.
ADD DDDEF(AMACLIB )
  DA(sys1.AMACLIB ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ENDUCL.
/*
//DDDEF1A EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/*                               DATASETS NEEDED FOR
/*                               INSTALLING ANY PL/I
/*                               COMPONENTS.
//SMPCNTL DD *
  SET BDY(tgt1)                 /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.
  ADD DDDEF(SIBMBASE)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(PLIBASE)
    DA(p1i.v2r3m0.PLIBASE) SHR.
ENDUCL.
  SET BDY(dlib1)                /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SIBMBASE)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(PLIBASE)
    DA(p1i.v2r3m0.PLIBASE) SHR.
ENDUCL.
/*

```

Figure 64 (Part 6 of 15). CNMJDDDF

```

//DDDEF1B EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                               DATASETS NEEDED FOR
//*                               INSTALLING ANY C/370
//*                               COMPONENTS.
//SMPCNTL DD *
  SET BDY(tgt1)                  /* <==2 YOUR SMP/E TGT1 ZONE */
  .
  UCLIN.
  ADD DDDEF(SEDCCBASE)
    DA(c370.v2r1m0.SEDCCBASE) SHR.
  ENDUCL.
  SET BDY(dlib1)                 /* <==3 YOUR SMP/E DLIB ZONE */
  .
  UCLIN.
  ADD DDDEF(SEDCCBASE)
    DA(c370.v2r1m0.SEDCCBASE) SHR.
  ENDUCL.
//*
//DDDEF1C EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                               DATASETS NEEDED FOR
//*                               INSTALLING ANY LE/370
//*                               COMPONENTS.
//SMPCNTL DD *
  SET BDY(tgt1)                  /* <==2 YOUR SMP/E TGT1 ZONE */
  .
  UCLIN.
  ADD DDDEF(SCEELKED)
    DA(cee.v1r3m0.SCEELKED) SHR.
  ENDUCL.
  SET BDY(dlib1)                 /* <==3 YOUR SMP/E DLIB ZONE */
  .
  UCLIN.
  ADD DDDEF(SCEELKED)
    DA(cee.v1r3m0.SCEELKED) SHR.
  ENDUCL.

```

Figure 64 (Part 7 of 15). CNMJDDDF



```

/**
/** THE FOLLOWING THREE STEPS ARE FOR YOU TO USE WHEN LINKING THE
/** METHODS (JPZ8136) FMID. THEY HAVE BEEN DESIGNED TO WORK WITH
/** THE JCLIN FOR THIS METHOD BY SUBSTITUTING FOR THE GENERIC
/** DDNAMES OF SCNMTH1, SCNMTH2 AND SCNMTH3. THESE GENERIC
/** NAMES FOR DDNAMES WILL BE USED DURING THE APPLY STEP FOR
/** JPZ8136. IF YOU WILL ONLY BE USING PL/I AS YOUR HIGH LEVEL
/** LANGUAGE, THEN USE DDDEF1D. IF YOU WILL BE USING PL/I AND C,
/** THEN USE DDDEF1E, AND IF YOU ARE USING LE/370 THEN YOU SHOULD
/** USE DDDEF1F. ENSURE THAT YOU ONLY USE ONE OF THE FOLLOWING
/** 3 STEPS. IF YOU NEED TO CHANGE THE LIBRARY NAMES TO MATCH
/** THE NAMES OF YOUR HIGH LEVEL LANGUAGE LIBRARIES, BE SURE TO
/** LEAVE DDDEFS FOR THE DDNAMES SCNMTH1, SCNMTH2 AND SCNMTH3.
/** THE SMP/E APPLY FOR JPZ8136 WILL BE LOOKING FOR ALL 3 DDNAMES.
/**
//DDDEF1D EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/**                               DATASETS NEEDED FOR
/**                               INSTALLING METHODS IF YOU ARE
/**                               USING PL/I AS YOUR HIGH
/**                               LEVEL LANGUAGE
//SMPCNTL DD *
  SET BDY(tgt1)                  /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.

  ADD DDDEF(SCNMTH1)
    DA(pli.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(SCNMTH2)
    DA(pli.v2r3m0.PLIBASE) SHR.
  ADD DDDEF(SCNMTH3)
    DA(pli.v2r3m0.SIBMBASE) SHR.
ENDUCL.
  SET BDY(dlib1)                 /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SCNMTH1)
    DA(pli.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(SCNMTH2)
    DA(pli.v2r3m0.PLIBASE) SHR.
  ADD DDDEF(SCNMTH3)
    DA(pli.v2r3m0.SIBMBASE) SHR.
ENDUCL.
/**

```

Figure 64 (Part 8 of 15). CNMJDDDF

```

//DDDEF1E EXEC cnmjsmpe      <==1 YOUR SMP/E PROC DATASETS
//*                          NEEDED FORINSTALLING
//*                          METHODS IF YOU ARE USING
//*                          PL/I AND C AS YOUR HIGH
//*                          LEVEL LANGUAGES - THIS IS
//*                          THE RECOMMENDED COMBINATION
//SMPCNTL DD *
  SET BDY(tgt1)              /* <==2 YOUR SMP/E TGT1 ZONE */
  .
  UCLIN.

  ADD DDDEF(SCNMMTH1)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(p1i.v2r3m0.PLIBASE) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(c370.v2r1m0.SEDCBASE) SHR.
  ENDUCL.
  SET BDY(dlib1)            /* <==3 YOUR SMP/E DLIB ZONE */
  .
  UCLIN.
  ADD DDDEF(SCNMMTH1)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(p1i.v2r3m0.PLIBASE) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(c370.v2r1m0.SEDCBASE) SHR.
  ENDUCL.

```

Figure 64 (Part 9 of 15). CNMJDDDF

```

/**
//DDDEF1F EXEC cnmjsmpe      <==1 YOUR SMP/E PROC
/**                          DATASETS NEEDED FOR
/**                          INSTALLING METHODS IF YOU ARE
/**                          USING LE/370 YOUR HIGH
/**                          LEVEL LANGUAGE
//SMPCNTL DD *
  SET BDY(tgt1)              /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.

  ADD DDDEF(SCNMMTH1)
    DA(cee.v1r3m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(cee.v1r3m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(cee.v1r3m0.SCEELKED) SHR.
ENDUCL.
SET BDY(dlib1)              /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SCNMMTH1)
    DA(cee.v1r3m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(cee.v1r3m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(cee.v1r3m0.SCEELKED) SHR.
ENDUCL.
/**
//DDDEF2 EXEC cnmjsmpe      <==1 YOUR SMP/E PROC
/**                          ADDITIONAL DATA SETS NEEDED
/**                          FOR INSTALLING THE FULL BASE
/**                          COMPONENT.
//SMPCNTL DD *

```

Figure 64 (Part 10 of 15). CNMJDDDF

```

SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDDEF(SEGVPS21)
    DA(netview.v3r1m0.SEGVPS21) SHR.
  ADD DDDEF(SDSIMSG1)
    DA(netview.v3r1m0.SDSIMSG1) SHR.
  ADD DDDEF(AEGVPS21)
    DA(netview.v3r1m0.AEGVPS21) SHR.
  ADD DDDEF(ADSIMSG1)
    DA(netview.v3r1m0.ADSIMSG1) SHR.
ENDUCL.
SET BDY(dlib1)              /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(AEGVPS21)
    DA(netview.v3r1m0.AEGVPS21) SHR.
  ADD DDDEF(ADSIMSG1)
    DA(netview.v3r1m0.ADSIMSG1) SHR.
ENDUCL.
/**
//DDDEF2A EXEC cnmjsmpe      <==1 YOUR SMP/E PROC
/**                          ADDITIONAL DATA SETS NEEDED
/**                          FOR INSTALLING THE FULL BASE
/**                          ENGLISH COMPONENT
//SMPCNTL DD *
SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDDEF(BNJSRC1)
    DA(netview.v3r1m0.BNJSRC1) SHR.
  ADD DDDEF(ABNJSRC1)
    DA(netview.v3r1m0.ABNJSRC1) SHR.
  ADD DDDEF(BNJPNL1)
    DA(netview.v3r1m0.BNJPNL1) SHR.
  ADD DDDEF(ABNJPNL1)
    DA(netview.v3r1m0.ABNJPNL1) SHR.
ENDUCL.
SET BDY(dlib1)              /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(ABNJSRC1)
    DA(netview.v3r1m0.ABNJSRC1) SHR.
  ADD DDDEF(ABNJPNL1)
    DA(netview.v3r1m0.ABNJPNL1) SHR.
ENDUCL.
/**

```

Figure 64 (Part 11 of 15). CNMJDDDF

```
//DDDEF2B EXEC cnmjjspe      <==1 YOUR SMP/E PROC
/**                          ADDITIONAL DATA SETS NEEDED
/**                          FOR INSTALLING THE FULL BASE
/**                          JAPANESE COMPONENT.
//SMPCNTL DD *
  SET BDY(tgt1)              /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDDEF(SCNMPNL2)
    DA(netview.v3r1m0.SCNMPNL2) SHR.
  ADD DDDEF(SBNJPNL3)
    DA(netview.v3r1m0.SBNJPNL3) SHR.
  ADD DDDEF(SCNMMJPN)
    DA(netview.v3r1m0.SCNMMJPN) SHR.
  ADD DDDEF(SEGVPS22)
    DA(netview.v3r1m0.SEGVPS22) SHR.
  ADD DDDEF(ACNMPNL2)
    DA(netview.v3r1m0.ACNMPNL2) SHR.
  ADD DDDEF(ABNJPNL3)
    DA(netview.v3r1m0.ABNJPNL3) SHR.
  ADD DDDEF(ACNMMJPN)
    DA(netview.v3r1m0.ACNMMJPN) SHR.
  ADD DDDEF(AEGVPS22)
    DA(netview.v3r1m0.AEGVPS22) SHR.
ENDUCL.
  SET BDY(dlib1)            /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(ACNMPNL2)
    DA(netview.v3r1m0.ACNMPNL2) SHR.
  ADD DDDEF(ABNJPNL3)
    DA(netview.v3r1m0.ABNJPNL3) SHR.
  ADD DDDEF(ACNMMJPN)
    DA(netview.v3r1m0.ACNMMJPN) SHR.
  ADD DDDEF(AEGVPS22)
    DA(netview.v3r1m0.AEGVPS22) SHR.
ENDUCL.
```

Figure 64 (Part 12 of 15). CNMJDDDF

```

//DDDEF3   EXEC cnmjsmpe           <==1 YOUR SMP/E PROC
//*                                     ADDITIONAL DATA SETS NEEDED
//*                                     FOR INSTALLING RODM
//*
//* NOTE: BOTH THE SEKGMOD1 AND SEKGMOD2 DATA SETS ARE BUILT FROM
//*       THE AEKGMOD1 DATA SET. THERE IS NO AEKGMOD2 DATA SET
//*
//SMPCNTL DD   *
SET BDY(tgt1)           /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SEKGLNK1)
  DA(netview.v3r1m0.SEKGLNK1) SHR.
ADD DDDEF(SEKGMOD1)
  DA(netview.v3r1m0.SEKGMOD1) SHR.
ADD DDDEF(SEKGMOD2)
  DA(netview.v3r1m0.SEKGMOD2) SHR.
ADD DDDEF(SEKGSMP1)
  DA(netview.v3r1m0.SEKGSMP1) SHR.
ADD DDDEF(SEKGLANG)
  DA(netview.v3r1m0.SEKGLANG) SHR.
ADD DDDEF(SEKGLUTB)
  DA(netview.v3r1m0.SEKGLUTB) SHR.
ADD DDDEF(SEKGCAS1)
  DA(netview.v3r1m0.SEKGCAS1) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v3r1m0.AEKGMOD1) SHR.
ADD DDDEF(AEKGSMP1)
  DA(netview.v3r1m0.AEKGSMP1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v3r1m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v3r1m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGCAS1)
  DA(netview.v3r1m0.AEKGCAS1) SHR.
ENDUCL.

```

Figure 64 (Part 13 of 15). CNMJDDDF

```

SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(AEKGMOD1)
    DA(netview.v3r1m0.AEKGMOD1) SHR.
  ADD DDDEF(AEKGSMP1)
    DA(netview.v3r1m0.AEKGSMP1) SHR.
  ADD DDDEF(AEKGLANG)
    DA(netview.v3r1m0.AEKGLANG) SHR.
  ADD DDDEF(AEKGLUTB)
    DA(netview.v3r1m0.AEKGLUTB) SHR.
  ADD DDDEF(AEKGCAS1)
    DA(netview.v3r1m0.AEKGCAS1) SHR.
ENDUCL.
/**
//DDDEF3A EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/**                               ADDITIONAL DATA SETS NEEDED
/**                               FOR INSTALLING RODM ENGLISH
//SMPCNTL DD *
  SET BDY(tgt1)          /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDDEF(SEKGPLN1)
    DA(netview.v3r1m0.SEKGPLN1) SHR.
  ADD DDDEF(AEKGPLN1)
    DA(netview.v3r1m0.AEKGPLN1) SHR.
ENDUCL.
SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(AEKGPLN1)
    DA(netview.v3r1m0.AEKGPLN1) SHR.
ENDUCL.

```

Figure 64 (Part 14 of 15). CNMJDDDF

```

/**
//DDEF3B EXEC cnmjsmpe      <==1 YOUR SMP/E PROC
/**                          ADDITIONAL DATA SETS NEEDED
/**                          FOR INSTALLING RODM JAPANESE
//SMPCNTL DD *
  SET BDY(tgt1)             /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDEF(SEKGPL2)
    DA(netview.v3r1m0.SEKGPL2) SHR.
  ADD DDEF(AEKGPL2)
    DA(netview.v3r1m0.AEKGPL2) SHR.
ENDUCL.
  SET BDY(dlib1)           /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDEF(AEKGPL2)
    DA(netview.v3r1m0.AEKGPL2) SHR.
ENDUCL.
/**
//DDEF4 EXEC cnmjsmpe      <==1 YOUR SMP/E PROC
/**                          ADDITIONAL DATA SETS NEEDED
/**                          FOR INSTALLING SNATM.
//SMPCNTL DD *
  SET BDY(tgt1)             /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDEF(SFLBDAT1)
    DA(netview.v3r1m0.SFLBDAT1) SHR.
  ADD DDEF(AFLBDAT1)
    DA(netview.v3r1m0.AFLBDAT1) SHR.
ENDUCL.
  SET BDY(dlib1)           /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDEF(AFLBDAT1)
    DA(netview.v3r1m0.AFLBDAT1) SHR.
ENDUCL.
/**
/**
//

```

Figure 64 (Part 15 of 15). CNMJDDDF



Figure 65 contains the sample CNMJUCLN.

```
//CNMJUCLN JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS           **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY  **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM            **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                           **
//**
//**      PROCEDURE:                                       **
//**
//**      FUNCTION:                                         **
//**
//**      NOTE:                                             **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND     **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED   **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                            **
//**      1. CHANGE TO NAME OF OPTIONS ENTRY              **
//**      USED BY TARG/DLIB ZONES USED TO                  **
//**      INSTALL NETVIEW                                   **
//**
//**      EXPECTED COND CODE: 0000                          **
```

Figure 65 (Part 1 of 2). CNMJUCLN

```

//*****
//* USAGE NOTES:
//* 1) THIS JOB MUST ONLY BE RUN IF THE DSSPACE OR PEMAX VALUES
//*    IN THE CURRENT OPTIONS ENTRY ARE LESS THAN THOSE GIVEN IN
//*    THE NETVIEW PROGRAM DIRECTORY.
//* 2) CHANGE THE NAME OF SMP/E R8 PROC USED TO THE NAME OF YOUR
//*    SMP/E R8 PROC.  THE CURRENT LOWER CASE VALUE WILL CAUSE
//*    A JCL ERROR.
//* 3) CHANGE THE NAME OF THE OPTIONS ENTRY USED TO THAT USED BY
//*    THE TARGET AND DISTRIBUTION ZONES USED TO INSTALL NETVIEW.
//*****
//CNMJUCL EXEC cnmjsmpe
//SMPCNTL DD *
  SET BDY(GLOBAL) .
  UCLIN
  .
  REP OPTIONS(mvsopt)          /* <==1 OPTIONS ENTRY NAME */
  DSSPACE(300,500,900)
  PEMAX(9999) .
  ENDUCL
  .
  LIST OPTIONS .
/*
//

```

Figure 65 (Part 2 of 2). CNMJUCLN

### 8.1.4 RECEIVE NetView Version 3

Each RECEIVE job supplied in NETVIEW.V3R1M0.INSTALL will receive one or more FMIDs. Depending on which system (Remote Unattended System, Procedural System or Enterprise System), and which language (US English or Japanese) you are installing, you will need to run different RECEIVE jobs. If you are installing an Enterprise System with RODM, you should be aware that RODM now supports AD/Cycle LE/370 as well as PL/I and C370. You may select to use either AD/Cycle LE/370 or a combination of PL/I and C370, but not both. For RODM, the PL/I code is received with JPZ8131, the C370 code is received with JPZ8132 and the AD/Cycle LE/370 code is received with JPZ8133. It is recommended that you receive all three FMIDs upon initial installation of NetView. This is because they take up very little DASD storage, and if you decide to add or change your HLL later you will not need to remount the NetView tape. Figure 66 will show you which Receive jobs to run, and which FMIDS they will receive.

Figure 66. Which Receive Jobs to Run

System ordered	RECEIVE jobs to run	FMIDS received
Remote Unattended System US English	CNMJRC00 CNMJRC10	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114
Remote Unattended System Japanese	CNMJRC00 CNMJRC15	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115
Procedural System US English	CNMJRC00 CNMJRC10 CNMJRC20	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124
Procedural System Japanese	CNMJRC00 CNMJRC15 CNMJRC25	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125
Enterprise System US English	CNMJRC00 CNMJRC10 CNMJRC20 CNMJRC30 CNMJRC40	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8134 JPZ8136 JPZ8140 JPZ8144 JPZ8150 JPZ8154 JPZ8156
Enterprise System Japanese	CNMJRC00 CNMJRC15 CNMJRC25 CNMJRC35 CNMJRC45	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8135 JPZ8136 JPZ8140 JPZ8145 JPZ8150 JPZ8155 JPZ8157

**Note:** The base component (FMID HPZ8100) must be received before any of the other components. Also, for each RECEIVE job supplied, the first FMID listed, (the one whose FMID ends with 0) must be received before any other FMIDs listed in that RECEIVE job. You may also RECEIVE all the FMIDS in any job at one time.

After choosing which jobs you should run, make the changes as indicated in the JCL comments (as well as any other changes required by your site) and submit the jobs.

Figures 67 through 75 show the RECEIVE samples.

```

//CNMJRC00 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJRC00                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE HPZ8100 FUNCTION (NETVIEW SNA BASE)   **
//**      RECEIVE THE JPZ8101 FUNCTION (NETVIEW SNA PL/I)   **
//**      RECEIVE THE JPZ8102 FUNCTION (NETVIEW SNA C)      **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW REMOTE UNATTENDED US ENGLISH              **
//**      NETVIEW REMOTE UNATTENDED JAPANESE                **
//**      NETVIEW PROCEDURAL US ENGLISH                     **
//**      NETVIEW PROCEDURAL JAPANESE                       **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 67 (Part 1 of 2). CNMJRC00

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.      **
/**      **                                             **
/**      ACTIVITY:                                    **
/**      **                                             **
/**      *****                                     **
/**      *****                                     **
//CNMJRC00 EXEC cnmjsmpe                          <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                        <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8100,
//          UNIT=tape,LABEL=(1,SL),                <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              HPZ8100          /* NETVIEW SNA BASE      */
//              JPZ8101          /* NETVIEW SNA PL/I   */
//              JPZ8102          /* NETVIEW SNA C     */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 67 (Part 2 of 2). CNMJRC00

```

//CNMJRC10 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJRC10                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE  **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED  **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE JPZ8110 FUNCTION (NETVIEW FULL BASE)  **
//**      RECEIVE THE JPZ8111 FUNCTION (NETVIEW FULL PL/I)  **
//**      RECEIVE THE JPZ8114 FUNCTION (NETVIEW ENGLISH)    **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW REMOTE UNATTENDED US ENGLISH              **
//**      NETVIEW PROCEDURAL US ENGLISH                     **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 68 (Part 1 of 2). CNMJRC10

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC10 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8110,
//          UNIT=tape,LABEL=(1,SL),             <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              JPZ8110          /* NETVIEW FULL BASE */
//              JPZ8111          /* NETVIEW FULL BASE PL/I */
//              JPZ8114          /* NETVIEW FULL BASE ENGLISH */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 68 (Part 2 of 2). CNMJRC10

```

//CNMJRC15 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJRC15                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE  **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED  **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE JPZ8110 FUNCTION (NETVIEW FULL BASE)  **
//**      RECEIVE THE JPZ8110 FUNCTION (NETVIEW FULL PL/I)  **
//**      RECEIVE THE JPZ8115 FUNCTION (NETVIEW JAPANESE)   **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                   **
//**      NETVIEW REMOTE UNATTENDED JAPANESE                 **
//**      NETVIEW PROCEDURAL JAPANESE                         **
//**      NETVIEW ENTERPRISE JAPANESE                         **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED  **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND       **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED     **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL   **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE   **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                              **
//**          1. YOUR SMP/E PROC                               **
//**          2. YOUR NETVIEW TARGET VOLUME                   **
//**          3. YOUR UNIT NAME FOR TAPE DRIVES               **
//**

```

Figure 69 (Part 1 of 2). CNMJRC15



```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.      **
/**      **                                            **
/**      ACTIVITY:                                    **
/**      **                                            **
/**      *****
/**      *****
//CNMJRC15 EXEC cnmjsmpe                          <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                          <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8110,
//          UNIT=tape,LABEL=(1,SL),                  <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              JPZ8110          /* NETVIEW FULL BASE */
//              JPZ8111          /* NETVIEW FULL BASE PL/I */
//              JPZ8115          /* NETVIEW FULL BASE JAPANESE */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 69 (Part 2 of 2). CNMJRC15

```

//CNMJRC20 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJRC20                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE  **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED  **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE JPZ8120 FUNCTION (NETVIEW MONITOR)    **
//**      RECEIVE THE JPZ8124 FUNCTION (NETVIEW ENGLISH)    **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW PROCEDURAL US ENGLISH                     **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 70 (Part 1 of 2). CNMJRC20

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC20 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8120,
//          UNIT=tape,LABEL=(1,SL),             <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              JPZ8120          /* NETVIEW MONITOR BASE */
//              JPZ8124          /* NETVIEW MONITOR ENGLISH */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 70 (Part 2 of 2). CNMJRC20

```

//CNMJRC25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJRC25                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE  **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED  **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE JPZ8120 FUNCTION (NETVIEW MONITOR)    **
//**      RECEIVE THE JPZ8125 FUNCTION (NETVIEW JAPANESE)   **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW PROCEDURAL JAPANESE                       **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 71 (Part 1 of 2). CNMJRC25

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC25 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8120,
//          UNIT=tape,LABEL=(1,SL),             <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              JPZ8120          /* NETVIEW MONITOR BASE */
//              JPZ8125          /* NETVIEW MONITOR JAPANESE */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 71 (Part 2 of 2). CNMJRC25

```

//CNMJRC30 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJRC30                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE HPZ8130 FUNCTION (NETVIEW RODM BASE)  **
//**      RECEIVE THE JPZ8131 FUNCTION (NETVIEW RODM PL/I)  **
//**      RECEIVE THE JPZ8132 FUNCTION (NETVIEW RODM C)     **
//**      RECEIVE THE JPZ8133 FUNCTION (NETVIEW RODM LE/370)**
//**      RECEIVE THE JPZ8134 FUNCTION (NETVIEW RODM ENG)   **
//**      RECEIVE THE JPZ8136 FUNCTION (NETVIEW RODM METHDS)**
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                   **
//**      NETVIEW ENTERPRISE US ENGLISH                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING**
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 72 (Part 1 of 2). CNMJRC30

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC30 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8130,
//          UNIT=tape,LABEL=(1,SL),             <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              HPZ8130          /* NETVIEW RODM BASE          */
//              JPZ8131          /* NETVIEW RODM PL/I          */
//              JPZ8132          /* NETVIEW RODM C            */
//              JPZ8133          /* NETVIEW RODM LE/370       */
//              JPZ8134          /* NETVIEW RODM US ENGLISH   */
//              JPZ8136          /* NETVIEW RODM METHODS      */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 72 (Part 2 of 2). CNMJRC30

```

//CNMJRC35 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**      PROCEDURE:  CNMJRC35                               **
//**                                                         **
//**      FUNCTION:                                         **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**                                                         **
//**      RECEIVE THE HPZ8130 FUNCTION (NETVIEW RODM BASE)  **
//**      RECEIVE THE JPZ8131 FUNCTION (NETVIEW RODM PL/I)  **
//**      RECEIVE THE JPZ8132 FUNCTION (NETVIEW RODM C)     **
//**      RECEIVE THE JPZ8133 FUNCTION (NETVIEW RODM LE/370)**
//**      RECEIVE THE JPZ8135 FUNCTION (NETVIEW RODM JAP)   **
//**      RECEIVE THE JPZ8136 FUNCTION (NETVIEW RODM METHDS)**
//**                                                         **
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**                                                         **
//**      NOTE:                                             **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING**
//**      CUSTOMIZATION INCLUDE:                             **
//**          1. YOUR SMP/E PROC                             **
//**          2. YOUR NETVIEW TARGET VOLUME                  **
//**          3. YOUR UNIT NAME FOR TAPE DRIVES             **
//**                                                         **

```

Figure 73 (Part 1 of 2). CNMJRC35



```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC35 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8130,
//          UNIT=tape,LABEL=(1,SL),              <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
SET      BDY(GLOBAL) .
RECEIVE S(
          HPZ8130          /* NETVIEW RODM BASE          */
          JPZ8131          /* NETVIEW RODM PL/I          */
          JPZ8132          /* NETVIEW RODM C            */
          JPZ8133          /* NETVIEW RODM LE/370       */
          JPZ8135          /* NETVIEW RODM JAPANESE     */
          JPZ8136          /* NETVIEW RODM METHODS      */
        )
        SYSMODS
        LIST
        .
/*
//

```

Figure 73 (Part 2 of 2). CNMJRC35

```

//CNMJRC40 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM             **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                           **
//**
//**      PROCEDURE:  CNMJRC40                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.   **
//**
//**      RECEIVE THE JPZ8140 FUNCTION (NETVIEW SNATM BASE) **
//**      RECEIVE THE JPZ8144 FUNCTION (NETVIEW SNATM ENG)  **
//**      RECEIVE THE JPZ8150 FUNCTION (NGMF BASE)          **
//**      RECEIVE THE JPZ8154 FUNCTION (NGMF ENG C/S)       **
//**      RECEIVE THE JPZ8156 FUNCTION (GMF CLIENT ENG)     **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 74 (Part 1 of 2). CNMJRC40

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC40 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8140,
//          UNIT=tape,LABEL=(1,SL),             <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              JPZ8140          /* NETVIEW SNATM BASE          */
//              JPZ8144          /* NETVIEW SNATM US ENGLISH    */
//              JPZ8150          /* NGMF BASE                */
//              JPZ8154          /* NGMF US ENGLISH CLIENT/SERVER */
//              JPZ8156          /* NGMF CLIENT US ENGLISH    */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 74 (Part 2 of 2). CNMJRC40

```

//CNMJRC45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJRC45                               **
//**
//**      FUNCTION:                                          **
//**      THE FMIDs ARE ADDED TO THE SMP/E DATABASE AND THE **
//**      REL FILES ASSOCIATED WITH THE FMIDs ARE UNLOADED **
//**      FROM THE TAPE AND PLACED ON THE TARGET VOLUME.    **
//**
//**      RECEIVE THE JPZ8140 FUNCTION (NETVIEW SNATM BASE) **
//**      RECEIVE THE JPZ8145 FUNCTION (NETVIEW SNATM JAP)  **
//**      RECEIVE THE JPZ8150 FUNCTION (NGMF BASE)           **
//**      RECEIVE THE JPZ8155 FUNCTION (NGMF JPN C/S)       **
//**      RECEIVE THE JPZ8157 FUNCTION (GMF CLIENT JPN)     **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR NETVIEW TARGET VOLUME                     **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES                 **
//**

```

Figure 75 (Part 1 of 2). CNMJRC45

```

/**      OUTPUT:                               **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.      **
/**      **                                             **
/**      ACTIVITY:                                       **
/**      **                                             **
/**      *****
/**      *****
//CNMJRC45 EXEC cnmjsmpe                               <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                               <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8140,
//          UNIT=tape,LABEL=(1,SL),                       <==3 UNIT NAME
//          DISP=OLD
//SMPCNTL DD *
//          SET BDY(GLOBAL) .
//          RECEIVE S(
//              JPZ8140          /* NETVIEW SNATM BASE          */
//              JPZ8145          /* NETVIEW SNATM JAPANESE       */
//              JPZ8150          /* NGMF BASE           */
//              JPZ8155          /* NGMF JAPANESE CLIENT/SERVER */
//              JPZ8157          /* NGMF CLIENT JAPANESE    */
//          )
//          SYSMODS
//          LIST
//          .
/*
//

```

Figure 75 (Part 2 of 2). CNMJRC45

### 8.1.5 APPLY NetView Version 3

If you have previously installed NetView or NCCF into target libraries that you will continue to use with NetView Version 3, you will need to let SMP remove the old NetView or NCCF from those target libraries at APPLY time. See section 8.1.5.2, “APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed” on page 161 for more information.

Each APPLY job supplied in NETVIEW.V3R1M0.INSTALL will apply one or more FMIDs. Depending on which system (Remote Unattended System, Procedural System or Enterprise System) you are installing, you will need to run different APPLY jobs. Figure 76 on page 150 will show you which APPLY jobs to run, and which FMIDS they will apply.

**Note 1** If you are installing Enterprise System you must **make** a decision when applying the RODM component. RODM will allow you to run with **either** AD/Cycle LE/370 or a combination of PL/I and C370 as your High Level Language, however you **cannot** mix them. If you are planning to run with AD/Cycle LE/370 you **must** apply FMID JPZ8133, but **not** FMIDs JPZ8131 or JPZ8132. You **MAY NOT** use AD/Cycle LE/370 if you intend to manage your systems and

networks graphically which will include the usage of the NGMF, GMFHS, and SNA Topology components of NetView.

If you are running with PL/I you **must** apply FMID JPZ8131 and if you are also using C370 you **must** apply JPZ8132. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 84 on page 164 and Figure 85 on page 166 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 80 on page 158 to apply the FMID for your new HLL. Make sure that you **only** APPLY the FMID(s) for the HLL you are adding at this time. If you try to re-apply any other RODM FMIDs, SMP will inform you that you are re-applying an existing FMID.

Be careful when you transmit the linkedited datasets from one system to another. If the PL/I, C370, or LE/370 run time libraries are not at the same level on both systems, the NetView code may not run. Common symptoms would be S0C1, S0C4, and S0C7 abends.

**Note 2** It is **strongly** recommended that you APPLY the NetView components in the order listed for your system in Figure 76. This is because NetView Version 3 has many dependencies between components. These dependencies will cause unresolved external reference messages to be generated during the APPLY. The list shown in Figure 88 on page 169 was compiled based on applying the FMIDs in this order. If you choose to apply the FMIDs in a different order your APPLY output will not match the list shown. This may make it difficult for you to determine if there are any unexpected unresolved external references which would affect the NetView Version 3

**Note 3** Apply all FMIDs listed for each NetView type in Figure 76 to ensure successful linkedits. For example, **DO NOT** assume that you do not need to apply FMID HPZ8130 if you do not intend to use RODM. There are linkage editor dependencies that require HPZ8130 for clean linkedits whether or not you use RODM.

Figure 76. Which APPLY Jobs to Run

System ordered	APPLY jobs to run	FMIDS applied
Remote Unattended System US English	CNMJAP00 CNMJAP10	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114
Remote Unattended System Japanese	CNMJAP00 CNMJAP10	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115
Procedural System US English	CNMJAP00 CNMJAP10 CNMJAP20	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124
Procedural System Japanese	CNMJAP00 CNMJAP10 CNMJAP20	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125
Enterprise System US English	CNMJAP00 CNMJAP10 CNMJAP20 CNMJAP30 CNMJAP40	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8134 JPZ8136 JPZ8140 JPZ8144 JPZ8150 JPZ8154 JPZ8156
Enterprise System Japanese	CNMJAP00 CNMJAP10 CNMJAP20 CNMJAP30 CNMJAP40	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8135 JPZ8136 JPZ8140 JPZ8145 JPZ8150 JPZ8155 JPZ8157

**Note:** For each component, you must apply the base FMID before you apply any other FMID in that component. For example, you must apply FMID HPZ8100 before applying JPZ8101 or JPZ8102.

After choosing which jobs you should run, make the changes as indicated in the JCL comments (as well as any other changes required by your site) and submit the jobs. Remember, you must comment out any FMIDs that you will not be applying.

**Warning:** Because NetView Version 3 has been divided into several FMIDs this release, some load modules will be built with parts from multiple FMIDs. SMP/E will handle this automatically for you by keeping track of what parts are needed and adding them into load modules as they are applied. However, this means that some linkage editor steps will initially finish with a return code of 8. In order to keep the APPLY step from ending prematurely, you must set SMP/E to allow a return code of 8 or lower from your linkage editor to be acceptable. This is normally done by using the SMP/E dialogs or UCLIN to set the return code for specific utilities such as IEWL, the linkage editor.

Figures 77 through 81 show the APPLY samples.

```

//CNMJAP00 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY  **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM             **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJAP00                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE TARGET ZONE WITH NEW FUNCTIONS        **
//**      AND POPULATE THE TARGET LIBRARIES.                **
//**
//**      APPLY ALL RECEIVED FUNCTIONS                      **
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                 **
//**      NETVIEW REMOTE UNATTENDED US ENGLISH            **
//**      NETVIEW REMOTE UNATTENDED JAPANESE              **
//**      NETVIEW PROCEDURAL US ENGLISH                   **
//**      NETVIEW PROCEDURAL JAPANESE                     **
//**      NETVIEW ENTERPRISE US ENGLISH                   **
//**      NETVIEW ENTERPRISE JAPANESE                     **
//**
//**      NOTE:                                             **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND     **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED  **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                            **
//**      1. YOUR SMP/E PROC                                **
//**      2. YOUR TARGET ZONE NAME                          **
//**      3. ALL OF THE NETVIEW FMIDS FOR                  **
//**      THIS COMPONENT ARE LISTED ON THE                 **
//**      APPLY BELOW.  YOU SHOULD DELETE                  **
//**      THOSE FMIDS WHICH YOU DO NOT PLAN                **
//**      TO APPLY.                                         **
//**

```

Figure 77 (Part 1 of 2). CNMJAP00



```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT    **
/**      >>>> TO APPLY.                                       **
/**      **                                                    **
/**      ACTIVITY:                                           **
/**      **                                                    **
/**      *****                                                    **
/**      *****                                                    **
//CNMJAP00 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
  HPZ8100 /* NETVIEW SNA BASE                               */
  JPZ8101 /* NETVIEW SNA PL/I                              */
  JPZ8102 /* NETVIEW SNA C                                 */
)
.
/*
//

```

Figure 77 (Part 2 of 2). CNMJAP00

```

//CNMJAP10 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAP10                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE TARGET ZONE WITH NEW FUNCTIONS         **
//**      AND POPULATE THE TARGET LIBRARIES.                **
//**
//**      APPLY ALL RECEIVED FUNCTIONS                       **
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW REMOTE UNATTENDED US ENGLISH             **
//**      NETVIEW REMOTE UNATTENDED JAPANESE               **
//**      NETVIEW PROCEDURAL US ENGLISH                    **
//**      NETVIEW PROCEDURAL JAPANESE                      **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW ENTERPRISE JAPANESE                      **
//**
//**      NOTE:                                             **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR TARGET ZONE NAME                          **
//**      3. ALL OF THE NETVIEW FMIDS FOR                   **
//**      THIS COMPONENT ARE LISTED ON THE                  **
//**      APPLY BELOW.  YOU SHOULD DELETE                   **
//**      THOSE FMIDS WHICH YOU DO NOT PLAN                 **
//**      TO APPLY.                                          **
//**

```

Figure 78 (Part 1 of 2). CNMJAP10

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
/**      >>>> TO APPLY.                                       **
/**      **                                                    **
/**      ACTIVITY:                                           **
/**      **                                                    **
/**      *****
/**      *****
//CNMJAP10 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
    JPZ8110 /* NETVIEW FULL BASE                            */
    JPZ8111 /* NETVIEW FULL BASE PL/I                       */
    JPZ8114 /* NETVIEW FULL BASE US ENGLISH                */
    JPZ8115 /* NETVIEW FULL BASE JAPANESE                  */
)
.
/*
//

```

Figure 78 (Part 2 of 2). CNMJAP10

```

//CNMJAP20 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY  **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.  **
//**      LICENSED MATERIALS - PROPERTY OF IBM             **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                           **
//**
//**      PROCEDURE:  CNMJAP20                               **
//**
//**      FUNCTION:                                         **
//**      UPDATE THE TARGET ZONE WITH NEW FUNCTIONS        **
//**      AND POPULATE THE TARGET LIBRARIES.               **
//**
//**      APPLY ALL RECEIVED FUNCTIONS                     **
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                 **
//**      NETVIEW PROCEDURAL US ENGLISH                    **
//**      NETVIEW PROCEDURAL JAPANESE                      **
//**      NETVIEW ENTERPRISE US ENGLISH                    **
//**      NETVIEW ENTERPRISE JAPANESE                      **
//**
//**      NOTE:                                             **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND     **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED   **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                            **
//**      1. YOUR SMP/E PROC                                **
//**      2. YOUR TARGET ZONE NAME                          **
//**      3. ALL OF THE NETVIEW FMIDS FOR                  **
//**      THIS COMPONENT ARE LISTED ON THE                  **
//**      APPLY BELOW.  YOU SHOULD DELETE                  **
//**      THOSE FMIDS WHICH YOU DO NOT PLAN                 **
//**      TO APPLY.                                         **
//**

```

Figure 79 (Part 1 of 2). CNMJAP20

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT    **
/**      >>>> TO APPLY.                                       **
/**      **                                                  **
/**      ACTIVITY:                                           **
/**      **                                                  **
/**      *****
/**      *****
//CNMJAP20 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
/* <==3 FMIDS      */
JPZ8120 /* NETVIEW MONITOR BASE                          */
JPZ8124 /* NETVIEW MONITOR US ENGLISH                    */
JPZ8125 /* NETVIEW MONITOR JAPANESE                      */
)
.
/*
//

```

Figure 79 (Part 2 of 2). CNMJAP20

```

//CNMJAP30 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAP30                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE TARGET ZONE WITH NEW FUNCTIONS         **
//**      AND POPULATE THE TARGET LIBRARIES.                 **
//**
//**      APPLY ALL RECEIVED FUNCTIONS                       **
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR TARGET ZONE NAME                           **
//**      3. ALL OF THE NETVIEW FMIDS FOR                   **
//**      THIS COMPONENT ARE LISTED ON THE                  **
//**      APPLY BELOW.  YOU SHOULD DELETE                   **
//**      THOSE FMIDS WHICH YOU DO NOT PLAN                 **
//**      TO APPLY.                                          **
//**

```

Figure 80 (Part 1 of 2). CNMJAP30

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
/**      >>>> TO APPLY.                                       **
/**      **                                                  **
/**      ACTIVITY:                                           **
/**      **                                                  **
/**      *****
/**      *****
/**/CNMJAP30 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
/**/SMPCTL DD *
SET      BDY(tgt1) .                                     /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
  HPZ8130 /* NETVIEW RODM BASE                               */
  JPZ8131 /* NETVIEW RODM PL/I                               */
  JPZ8132 /* NETVIEW RODM C                                 */
  JPZ8133 /* NETVIEW RODM LE/370                            */
  JPZ8134 /* NETVIEW RODM US ENGLISH                        */
  JPZ8135 /* NETVIEW RODM JAPANESE                          */
  JPZ8136 /* NETVIEW RODM METHODS                           */
)
.
/*
//

```

Figure 80 (Part 2 of 2). CNMJAP30

```

//CNMJAP40 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAP40                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE TARGET ZONE WITH NEW FUNCTIONS         **
//**      AND POPULATE THE TARGET LIBRARIES.                 **
//**
//**      APPLY ALL RECEIVED FUNCTIONS                       **
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR TARGET ZONE NAME                           **
//**      3. ALL OF THE NETVIEW FMIDS FOR                   **
//**      THIS COMPONENT ARE LISTED ON THE                  **
//**      APPLY BELOW.  YOU SHOULD DELETE                   **
//**      THOSE FMIDS WHICH YOU DO NOT PLAN                 **
//**      TO APPLY.                                          **
//**

```

Figure 81 (Part 1 of 2). CNMJAP40



```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
/**      >>>> TO APPLY.                                       **
/**      **                                                    **
/**      ACTIVITY:                                           **
/**      **                                                    **
/**      *****
/**      *****
//CNMJAP40 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
/* <==3 FMIDS      */
JPZ8140 /* NETVIEW SNATM BASE                               */
JPZ8144 /* NETVIEW SNATM US ENGLISH                        */
JPZ8145 /* NETVIEW SNATM JAPANESE                         */
JPZ8150 /* NETVIEW GMF BASE                               */
JPZ8154 /* NETVIEW GMF US ENGLISH                        */
JPZ8155 /* NETVIEW GMF JAPANESE                         */
JPZ8156 /* NETVIEW GMF CLIENT US ENGLISH                */
JPZ8157 /* NETVIEW GMF CLIENT JAPANESE                  */
)
.
/*
//

```

Figure 81 (Part 2 of 2). CNMJAP40

### 8.1.5.1 Subdividing the APPLY of NetView Version 3

Because of the number of FMIDs in NetView Version 3 it is recommended that you do not try to run the entire APPLY as one job. Each sample job will do the apply for one component. In most cases you will not be APPLYing every FMID for each component. For example, where there is an English and Japanese FMID you will APPLY the FMID for only one language. Likewise, you may choose not to install PL/I or C for some components. For RODM you will have to choose between the PL/I and/or C FMIDs and the AD/Cycle LE/370 FMID. This choice will be based on the High Level Languages you have installed and wish to run with NetView. You must delete, or comment out, the lines for the FMIDs you do not wish to apply.

You may also APPLY NetView one FMID at a time. If you elect to do this you must ensure that you apply the base FMID for each component before you apply any other FMIDs. The base component FMID always ends with the digit 0, such as HPZ8100 or JPZ8110.

### 8.1.5.2 APPLYing NetView Version 3 on a System Having NCCF or NetView Already Installed

You should do either 8.1.5.2.1, "Deleting a Previous Release of NCCF or NetView" on page 162 or 8.1.5.2.2, "Running with a Previous Release of NCCF or NetView" on page 163, but not both.

**8.1.5.2.1 Deleting a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF into system libraries and you will use those libraries again with NetView Version 3, but you do not want to continue using this release after your NetView Version 3 install, you will need to use SMP to remove the old NetView or NCCF from those libraries when SMP installs NetView Version 3.

This is particularly important when the prior release of NetView or NCCF was installed into SYS1.LINKLIB and/or SYS1.LPALIB. If you do not remove the previous release of NetView or NCCF from SYS1.LINKLIB and SYS1.LPALIB, the newly installed system will be executing the previous NetView or NCCF modules instead of NetView Version 3 modules.

For SMP to remove the previous release of NetView or NCCF from your system's libraries, you will have to take the following steps:

- You will have to run your APPLY job using your old NetView or NCCF libraries and SMP zone.
- Since NetView Version 3 no longer uses the libraries NLDMLIB, NPDALIB, LINKLIB, and LPALIB, you will have to provide access to the old NetView or NCCF NLDMLIB, NPDALIB, LINKLIB, and LPALIB in your APPLY job so SMP can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 82 shows an example of possible DD statements. Figure 83 is an example of possible DDDEFs. You will have to substitute the names of your old NetView or NCCF NLDMLIB, NPDALIB, LINKLIB, and LPALIB.

```
//LINKLIB DD DSN=&NVHLQ..LINKLIB,DISP=SHR
//LPALIB DD DSN=&NVHLQ..LPALIB,DISP=SHR
//NLDMLIB DD DSN=&NVHLQ..NLDMLIB,DISP=SHR
//NPDALIB DD DSN=&NVHLQ..NPDALIB,DISP=SHR
```

Figure 82. Sample DD Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB

```
ADD DDDEF (LINKLIB) /* ADDITIONAL TARGET LIBRARY DDDEFS */
DA(sys1.LINKLIB) SHR.
ADD DDDEF (LPALIB)
DA(sys1.LPALIB) SHR.
ADD DDDEF (NLDMLIB)
DA(sys1.NLDMLIB) SHR.
ADD DDDEF (NPDALIB)
DA(sys1.NPDALIB) SHR.

ADD DDDEF (ABNJMOD1) /* DIST. LIBRARY DDDEFS - FOR RESTORE */
DA(sys1.ABNJMOD1) SHR.
ADD DDDEF (AOS27)
DA(sys1.AOS27) SHR.
ADD DDDEF (NLOADLIB)
DA(sys1.NLOADLIB) SHR.
```

Figure 83. Sample DDDEF Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB

- During an APPLY, all the elements from a previous release are deleted from your target libraries. If you have previously manually deleted old libraries or elements within a library, the SMP entry for them will still exist. An attempt will be made to delete elements, and processing will continue whether or not they are found. However, if SMP cannot find the data sets, it will halt the APPLY until you provide access to them. In this case, allocate dummy libraries and delete them after the APPLY.
- After the APPLY has successfully finished, you may delete the old NetView or NCCF NLDMLIB and NPDALIB. If they are not empty after the APPLY, LINKLIB and LPALIB should be retained for the non-NetView components they contain. Any old NetView data sets that are deleted should also be removed from your SMP/E procedure (CNMJSMPE) and/or your SMP/E zone DDDEFs (CNMJDDDF).
- Since the APPLY will have deleted BNJMTERM from SYS1.LPALIB, no IPLs should be performed with the CLPA option until the library SCNMLPA1 is concatenated to SYS1.LPALIB via a LPALSTxx member of SYS1.PARMLIB (refer to *NetView Installation and Administration Guide*).

**Warning:** If an IPL is performed with the CLPA option before SCNMLPA1 is concatenated to SYS1.LPALIB, the target system will not IPL.

To lessen the exposure to this situation, you might want to add SCNMLPA1 to the LPALSTxx member (refer to *NetView Installation and Administration Guide*) before actually APPLYing NetView Version 3.

**8.1.5.2.2 Running with a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF and you plan to continue using this release after your V3R1 install, you MUST use separate SMP target zones for your NetView Version 3 install. After your period of testing NetView Version 3 is finished, you should delete the previous release of NetView or NCCF. If the previous level of NetView is earlier than Version 2 Release 1 (or NetView Version 1 Release 3 MVS/ESA) then you must manually delete the old modules from SYS1.LPALIB and SYS1.LINKLIB since the new release uses modules which are placed in SCNMLPA1 rather than LPALIB and CNMLINK instead of LINKLIB. These modules in SCNMLPA1 are downward compatible with previous releases and the most recent version should be used.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run an SMP job using a dummy FMID to delete the previous release and its parts from the old libraries and the previous release's target and distribution zones. A UCLIN job is used to clean out references to the dummy FMID from the CSI zones. This assumes you have installed NetView Version 3 in a separate CSI from the previous release. A sample of how this can be done is provided in Figure 84 on page 164 and Figure 85 on page 166. The symbol *fmid2del* would be replaced by the base FMID of the actual release you have installed. Figure 86 on page 167 lists the releases prior to NetView Version 3. The symbol *nvdelet* is the dummy FMID used for the delete processing. You could use NVDELETE as the FMID, you can supply another if you prefer.

```

//CNMJDLT1 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995          **
//**      ALL RIGHTS RESERVED.                                  **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS                **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY      **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.     **
//**      LICENSED MATERIALS - PROPERTY OF IBM                 **
//**      REFER TO COPYRIGHT INSTRUCTIONS                       **
//**      FORM NUMBER G120-2083.                                **
//**                                                           **
//**      PROCEDURE: CNMJDLT1                                  **
//**                                                           **
//**      FUNCTION:                                           **
//**      PERFORMS A DELETE OF A PREVIOUS NETVIEW OR NCCF     **
//**      IN THE SMP ZONES USED BY THAT RELEASE BY USING      **
//**      A DUMMY FMID FOR RECEIVE, APPLY, ACCEPT             **
//**      PROCESSING. THIS IS DONE ONCE MIGRATION IS DONE     **
//**      THIS JOB MAY ALSO BE USED TO DELETE AN FMID FOR     **
//**      A HIGH LEVEL LANGUAGE. YOU WOULD USE THIS IF YOU   **
//**      WANTED TO CHANGE YOUR HLL OF IMPLEMENTATION,        **
//**      PERHAPS FROM PL/I AND C TO AD/CYCLE LE/370.         **
//**                                                           **
//**      NOTE:                                               **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED   **
//**      AS REQUIRING CUSTOMIZATION. PARAMETERS AND          **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED      **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND. ALL     **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE    **
//**      JOB TO AVOID A JCL ERROR. SPECIFIC ITEMS NEEDING   **
//**      CUSTOMIZATION INCLUDE:                               **

```

Figure 84 (Part 1 of 2). CNMJDLT1

```

//**          1. CHANGE CNMJESMP TO THE NAME OF YOUR **
//**          SMP PROC                               **
//**          2. UNIT TYPE OF DISK CONTAINING CSI    **
//**          3. VOLUME SERIAL OF DISK CONTAINING    **
//**          CSI                                     **
//**          4. NAME OF DUMMY FMID YOU WILL USE     **
//**          YOU CAN USE UPPERCASE NVDELETE        **
//**          5. NAME OF THE FMID YOU WISH TO DELETE **
//**          6. YOUR SMP/E GLOBAL ZONE              **
//**          7. YOUR SMP/E TARGET ZONE              **
//**          8. YOUR SMP/E DLIB ZONE                **
//**          **                                     **
//**          EXPECTED COND CODE: 0000              **
//**          **                                     **
//*****
//*****
//DELET1 EXEC cnmjsmpe          <==1 NAME OF SMP PROC
//SMPTLIB DD UNIT=disk,DISP=OLD, <==2 DASD UNIT TYPE
//      VOL=SER=dddddd         <==3 VOLUME NAME
//SMPTFIN  DD *
++FUNCTION(nvdelete).          /* <==4 DUMMY FMID          */
++VER(Z038) DELETE(fmid2del). /* <==5 FMID TO DELETE   */
//SMPCNTL DD *
  SET BDY(global).             /* <==6 YOUR SMP/E GLOBAL ZONE */
  RECEIVE SELECT (nvdelete).    /* <==4 DUMMY FMID          */
  SET BDY(tgt1).               /* <==7 YOUR SMP/E TARGET ZONE */
  APPLY SELECT (nvdelete).      /* <==4 DUMMY FMID          */
  SET BDY(dlib1).              /* <==8 YOUR SMP/E DLIB ZONE  */
  ACCEPT SELECT (nvdelete).     /* <==4 DUMMY FMID          */
/*

```

Figure 84 (Part 2 of 2). CNMJDLT1

```

//CNMJDLT2 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995          **
//**      ALL RIGHTS RESERVED.                                **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS              **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY    **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.    **
//**      LICENSED MATERIALS - PROPERTY OF IBM               **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**                                                         **
//**      PROCEDURE: CNMJDLT2                                **
//**                                                         **
//**      FUNCTION:                                          **
//**      CLEANS UP ALL TRACES OF THE DUMMY FMID FROM THE    **
//**      SMP ZONES USED WHEN THE DUMMY DELETE WAS DONE.    **
//**                                                         **
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED  **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND        **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED     **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL   **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE   **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. CHANGE CNMJESMP TO THE NAME OF YOUR            **
//**      SMP PROC                                           **
//**      2. CHANGE TGT1 TO THE NAME OF YOUR                 **
//**      SMP/E TARGET ZONE                                   **
//**      3. CHANGE FMID2DEL TO THE FMID YOU                 **
//**      WANT TO DELETE                                      **
//**      4. CHANGE NVDELET TO THE NAME OF THE               **
//**      DUMMY FMID YOU WANT TO USE                         **
//**      5. CHANGE DLIB1 TO THE NAME OF YOUR                **
//**      SMP/E DISTRIBUTION ZONE                             **
//**                                                         **
//**      EXPECTED COND CODE: 0000                           **
//**                                                         **
//*****

```

Figure 85 (Part 1 of 2). CNMJDLT2

```

//*****
//DELET2 EXEC cnmjsmpe <==1 NAME OF SMP PROC
//SMPCNTL DD *
SET BDY(tgt1) . /* <==2 YOUR SMP/E TARGET ZONE */
UCLIN .
DEL SYSMOD(fmid2del) . /* <==3 FMID YOU WANT TO DELETE*/
DEL SYSMOD(nvdelete) . /* <==4 DUMMY FMID FOR DELETE */
ENDUCL .
SET BDY(dlib1) . /* <==5 YOUR SMP/E DLIB ZONE */
UCLIN .
DEL SYSMOD(fmid2del) . /* <==3 FMID YOU WANT TO DELETE*/
DEL SYSMOD(nvdelete) . /* <==4 DUMMY FMID FOR DELETE */
ENDUCL .
/*

```

Figure 85 (Part 2 of 2). CNMJDLT2

Figure 86. NetView FMIDs to delete by Version/Release

Version/Release	MVS/370	MVS/XA	MVS/ESA
Version 1 Release 1	HNV1102	HNV1103	N/A <sup>1</sup>
Version 1 Release 2	HNV1202	HNV1203	N/A <sup>1</sup>
Version 1 Release 3	N/A <sup>2</sup>	HNV1303	HVNW140
Version 2 Release 1	N/A <sup>2</sup>	HVWW101	HXYZ101
Version 2 Release 2	N/A <sup>2</sup>	HVWW200	HXYZ200
Version 2 Release 3	N/A <sup>2</sup>	HVWW300	HXYZ300
Version 2 Release 4	N/A <sup>2</sup>	N/A <sup>3</sup>	HXYZ400

**Notes:**

1. NetView was not shipped in MVS/ESA for this release.
2. NetView was not shipped in MVS/370 for this release.
3. NetView was not shipped in MVS/XA for this release.

If you have not accepted all of your maintenance, you may have additional work to complete the cleanup of your global zones. You should use the REJECT command to delete any SYSMODs and HOLDDATA applicable to the dummy function and the old function. In addition, you should delete the FMIDs from the GLOBALZONE entry to prevent SMP/E from receiving any SYSMODs or HOLDDATA applicable to either of those functions. Here are examples of the commands you can use to do this:

```

SET      BDY(GLOBAL)      /* Set to global zone.      */.
REJECT  HOLDDATA NOFMID  /* Reject SYSMODs, HOLDDATA */
        DELETEDFMID      /* for the deleted functions.*/
        (nvdelet fmid2d1) /* Delete the FMIDs from the */
                          /* GLOBALZONE entry.        */.

```

Figure 87. Additional delete logic

### 8.1.5.3 Running and Verifying the APPLY of NetView Version 3

Run the apply jobs for your system. They should all end with a condition code of 4 or less. If the code is higher than 4, then analyze the reports from the APPLY and take whatever action is necessary to resolve the errors. The analysis of APPLY reports is covered in detail in the *SMP/E User's Guide*.

Load module DSITCT will not be deleted during APPLY processing for customers who have the TCAM interface module, IEDQB1, installed with NCCF. This is not an error.

The APPLY job can end successfully with a return code of 4, because of expected unresolved external references. In fact, for most base FMID's (FMID's whose name ends in 0) you will receive a return code of 4. This is because many load modules will have unresolved external references to high level languages (PL/I, C370 and AD/Cycle LE/370). These references will be resolved when you apply the appropriate FMID for each HLL. In the past you were required to run a post-apply linkedit job to resolve these references. Now SMP/E will resolve them for you during the APPLY and the post-apply linkedit job is no longer needed.

You should also be aware that you may receive a return code of 0 and still find unresolved external references in your APPLY output. This is normal and not a problem. With SMP/E R8 many modules are built twice. The first version is built without any references to HLL libraries resolved and stored in an SMP/E dataset, SMPLTS. This version will have unresolved external references. It is used by SMP/E to rebuild the module if you should update the level of any of your HLL's. SMP/E then builds the useable version of the module with the HLL libraries, resolving any external references. If the useable version builds correctly the APPLY job will end with a return code of 0.

A return code of 8 is normal for Remote Unattended System and Procedural System users because module DUIFBR includes a reference to EKGUAPI which is not provided for those NetView types. The reference should be resolved on Enterprise System NetView's. See Figure 91 on page 169 for more information.

The following is a list of unresolved external references followed by a table listing the actions, if any, you should take to resolve them. If you do not plan to use RODM singly or with GMFHS or PL/I or C370 to write NetView installation exits and/or command processors, you may ignore these.

**Note:** Unresolved external references in load modules other than those listed here should be investigated whether or not PL/I, RODM, GMFHS, or C370 will be used with NetView.

**Note:** In the tables that follow you will see some load module names with a "(2)" beside them. This is to indicate that this is the second appearance of the load module in the APPLY output for that particular



FMID. The first time will be when it is built without any HLL libraries and stored in the SMPLTS dataset, and the second time will be when it is built with the HLL libraries. For most load modules the second linking, with the HLL libraries, will resolve all unresolved external references. However, there are some load modules that will not have all their external references resolved by the APPLY. This is because they may need to be linked in with user code, because they are used by another FMID to build a larger load module, or because they need a part from an FMID that has not yet been applied. The ACTION column will indicate if and how the external references will be resolved. If the ACTION column says "NONE" then this module will never have its external references resolved. This is not a problem. It means that the load module is never executed by itself, but is used to build a larger load module in a different NetView Version 3 FMID.

<i>Figure 88. Load Modules and Unresolved External References for HPZ8100</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
BNJXATRX	BNJXHISA, BNJXEXPA	None
BNJXEXGA	BNJXRECA	None
BNJXEXPA	BNJXEXGA, BNJXEXBA	None
DSIEXC	CEESTART	Include with user code
DSIEXKT	EWCCFIT	Include with user code
DSIEXPLP	PLISTART	Include with user code
DUIFEXPP	CNMNETV	None

<i>Figure 89. Load Modules and Unresolved External References for JPZ8101</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
DSIHLL24, DSIPLIC	IBMBPRIA, IBMPIRB, IBMPIRC, PLIMAIN, IBMLLIST	None
DSIIBMHL	IBMBPRIA, IBMPIRB, IBMPIRC, IBMLLIST	None
DSIEXPLI (2)	PLICALLB	Include with user code

<i>Figure 90. Load Modules and Unresolved External References for JPZ8102</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
CNMNVLC	CEESG003, CEESTART, STRTOUL, CEIL, FLOOR, MEMMOVE	None
CNMVLC	CEESG003, CEESTART, VSPRINTF, STRTOUL, CEIL, FLOOR, STRLEN, MEMMOVE	None
DSIHLL24	CEESG003, CEESTART, EXIT, IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMLLIST	None

<i>Figure 91. Load Modules and Unresolved External References for JPZ8111</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
DUIFBS	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST	None
DUIFBR	EKGUAPI, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST	None
DUIFBR	EKGUAPI	There is no action for Remote Unattended System or Procedural System users because HPZ8130 is not available for those NetView types and this is a normal situation. In Remote Unattended System and Procedural System installations, the module DUIFBR is never executed. In the case of Enterprise System users, the reference to EKGUAPI is resolved when HPZ8130 is applied.

For FMID HPZ8130 all load modules listed in Figure 92 with a "(2)" next to the load module name will appear twice in your APPLY output with unresolved external references. In each case the list of unresolved external references will be the same. For that reason they are only listed once in this table. Any load module in Figure 92 that does not have a "(2)" next to it should only appear once in the APPLY output with unresolved external references.

<i>Figure 92 (Page 1 of 2). Load Modules and Unresolved External References for HPZ8130</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
EKGLG000 (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, FEOF, PRINTF, EDC#EXIT, CEESG003, STRTOK, SPRINTF, ATOI, FOPEN, PERROR, FREAD, FERROR, LOCALTIM, ASCTIME, POW, @@TRT, STRNCAT, FCLOSE, TIME, STRFTIME	Resolved when you apply JPZ8132 or JPZ8133
EKGKUNLD (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FPRINTF, FREAD, PRINTF, STRNCPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP	Resolved when you apply JPZ8132 or JPZ8133
EKGTC000 (2)	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMCKDD, IBMLLIST	Resolved when you apply JPZ8131 JPZ8132 or JPZ8133

<i>Figure 92 (Page 2 of 2). Load Modules and Unresolved External References for HPZ8130</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
EKGLOTLM (2)	PLISTART	Resolved when you apply JPZ8131 or JPZ8133
EKGIVER (2)	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBPRCA, IBMBBGKA, IBMBSEDA, IBMBSIOA, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCCSA, IBMBCEDB, IBMBCHFD, IBMBCPBD, IBMBCTHD, IBMBCUID, IBMBCWDH, IBMBOCLA, IBMBSAOA, IBMBSEOA, IBMBSFOA, IBMBSLOA, IBMBSPLA, IBMBCKDD, IBMLLIST	Resolved when you apply JPZ8131 or JPZ8133

For FMID JPZ8131 all load modules listed in Figure 93 will be resolved during the APPLY of JPZ8131. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the PL/I libraries. It will then link them a second time using the PL/I libraries and resolve all external references.

<i>Figure 93. Load Modules and Unresolved External References for JPZ8131</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
EKGTC000	IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMBCKDD	None
EKGLOTLM	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBKDMA, IBMLLIST	None
EKGIVER	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBPRCA, IBMBBGKA, IBMBSEDA, IBMBSIOA, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCCSA, IBMBCEDB, IBMBCHFD, IBMBCPBD, IBMBCTHD, IBMBCUID, IBMBCWDH, IBMBOCLA, IBMBSAOA, IBMBSEOA, IBMBSFOA, IBMBSLOA, IBMBSPLA, IBMBCKDD, IBMLLIST	None

For FMID JPZ8132 all load modules listed in Figure 94 will be resolved during the APPLY of JPZ8132. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the C370 libraries. It will then link them a second time using the C370 libraries and resolve all external references.

Figure 94 (Page 1 of 2). Load Modules and Unresolved External References for JPZ8132

Load Modules	Unresolved External References	Action
EKGLG000	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, FEOF, PRINTF, EDC#EXIT, CEESG003, STRTOK, SPRINTF, ATOI, FOPEN, PERROR, FREAD, FERROR, LOCALTIM, ASCTIME, POW, @@TRT, STRNCAT, FCLOSE, TIME, STRFTIME	None
EKGKUNLD	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FPRINTF, FREAD, PRINTF, STRNCPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP	None
EKGVACTM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, MEMMOVE, STRNCPY, STRNCAT, STRNCMP, STRTOK, CNMINFC, CNMSCOP, CNMVAR, CNMVLC, SSCANF, FREE, MALLOC, CNMSMSG, VSPRINTF	None
EKGVCHGM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, ATOF, ATOI, STRTOUL, FREE, STRNCAT, STRNCMP, STRTOK, SSCANF, TOUPPER, MALLOC, MEMMOVE, STRNCPY, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, ISXDIGIT	None
EKGVCREM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOL, STRTOUL, STRNCAT, STRTOK, SSCANF, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, SPRINTF, TOUPPER, ISXDIGIT, CNMSMSG, VSPRINTF	None
EKGVDELM, EKGVLNKM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None

Figure 94 (Page 2 of 2). Load Modules and Unresolved External References for JPZ8132

Load Modules	Unresolved External References	Action
EKGVLOCM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRNCMP, STRTOK, SSCANF, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, FREE, MALLOC, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ISXDIGIT	None
EKGVMETM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, MEMMOVE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGVQUEM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, FREE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, MALLOC, STRNCMP, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER	None
EKGVSUBM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGTC000	CEESG003, CEESTART, IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBP GOA, IBMLLIST	None

For FMID JPZ8133 all load modules listed in Figure 95 will be resolved during the APPLY of JPZ8133. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the AD/Cycle LE/370 libraries. It will then link them a second time using the AD/Cycle LE/370 libraries and resolve all external references.

Figure 95 (Page 1 of 3). Load Modules and Unresolved External References for JPZ8133

Load Modules	Unresolved External References	Action
EKGLG000	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, FEOF, PRINTF, EDC#EXIT, CEESG003, STRTOK, SPRINTF, ATOI, FOPEN, PERROR, FREAD, FERROR, LOCALTIM, ASCTIME, POW, @@TRT, STRNCAT, FCLOSE, TIME, STRFTIME	None
EKGKUNLD	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FPRINTF, FREAD, PRINTF, STRNCPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP	None
EKGTC000	CEESG003, IBMRINP1, CEEBETBL, CEEROOTA, CEEOPIPI, CEESG010, IBMSEATA, IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, EKGPLI, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMCKDD	None
EKGSPPI	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMLLIST	None
EKGVACTM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, MEMMOVE, STRNCPY, STRNCAT, STRNCMP, STRTOK, CNMINFC, CNMSCOP, CNMVAR, CNMVLC, SSCANF, FREE, MALLOC, CNMSMSG, VSPRINTF	None
EKGVCHGM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, ATOF, ATOI, STRTOUL, FREE, STRNCAT, STRNCMP, STRTOK, SSCANF, TOUPPER, MALLOC, MEMMOVE, STRNCPY, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, ISXDIGIT	None
EKGVCREM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOL, STRTOUL, STRNCAT, STRTOK, SSCANF, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, SPRINTF, TOUPPER, ISXDIGIT, CNMSMSG, VSPRINTF	None

Figure 95 (Page 2 of 3). Load Modules and Unresolved External References for JPZ8133

Load Modules	Unresolved External References	Action
EKGVDELM, EKGVLNKM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGVLOCM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRNCMP, STRTOK, SSCANF, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, FREE, MALLOC, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ISXDIGIT	None
EKGVMETM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, MEMMOVE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGVQUEM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, FREE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, MALLOC, STRNCMP, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER	None
EKGVSUBM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGLOTLM	IBMRINP1, CEEBETBL, CEEROOTA, CEESG010, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBKDMA, EKGLPLI, IBMLLIST	None

Figure 95 (Page 3 of 3). Load Modules and Unresolved External References for JPZ8133

Load Modules	Unresolved External References	Action
EKGIVER	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBPRCA, IBMBBGKA, IBMBSEDA, IBMSIOA, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCCSA, IBMBCEDB, IBMCHFD, IBMBCPBD, IBMCTHD, IBMBCUID, IBMBCWDH, IBMBOCLA, IBMBSAOA, IBMBSFOA, IBMBSFOA, IBMBSLOA, IBMBSPLA, IBMCKDD, IBMLLIST	None

Figure 96 (Page 1 of 2). Load Modules and Unresolved External References for JPZ8136

Load Modules	Unresolved External References	Action
DUIFCRDC	CEESTART, CEESG003, EKGMAPI, FREE, MALLOC, EKGMANC, MEMSET, MEMCMP, MEMCOPY, STRCPY, STRCMP, STRLEN, STRNCMP, SPRINTF, MEMMOVE, ATOI, IEANTRT, IEANTCR, IEANTDL, STRNCPY, STRNCAT	None
DUIFLOK2	CEESTART, CEESG003, FREE, MALLOC, EKGMANC, MEMMOVE, SPRINTF, EKGMAPI, STRNCMP, MEMCOPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL	
DUIFLOK3	CEESTART, CEESG003, FREE, MALLOC, EKGMANC, SPRINTF, MEMMOVE, STRPBRK, EKGMAPI, MEMCOPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL, STRNCPY, STRNCAT	None
DUIFVIEW	CEESTART, CEESG003, EKGMAPI, SPRINTF, FREE, MALLOC, EKGMANC, MEMMOVE, ATOI, IEANTRT, IEANTCR, IEANTDL, TOUPPER, STRTOK, @@TRT, STRNCPY, STRNCAT, QSORT, BSEARCH	None
EKGCTIM	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMLLIST	None
EKGINIT	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMLLIST	None
EKGIMIV	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBCEDB, IBMBCODE, IBMCKDD, IBMBCCAA, IBMBCGZA, IBMCHFD, IBMCTHD, IBMBCUID, IBMLLIST	None



<i>Figure 96 (Page 2 of 2). Load Modules and Unresolved External References for JPZ8136</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
EKGNEQL, EKGNLST, EKGNOTF, EKGnthD	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMBGGBA, IBMLLIST	None
EKGSPPI	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMLLIST	None
FLBTREV	CEESG003, CEESTART, FREE, MALLOC, STRCSPN, STRNCMP, SPRINTF, MEMMOVE, MEMCOPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL	None
FLBTRNMM	CEESG003, CEESTART	None
FLBTRST	CEESG003, CEESTART, FREE, MALLOC, SPRINTF, MEMMOVE, MEMCOPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL	None
FLBTRUS	CEESG003, CEESTART, FREE, MALLOC, SPRINTF, MEMMOVE, ATOI, IEANTRT, IEANTCR, IEANTDL	None

For FMID JPZ8140 all load modules listed in Figure 97 will be resolved during the APPLY of JPZ8140. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the C370 libraries. It will then link them a second time using the C370 libraries and resolve all external references.

<i>Figure 97 (Page 1 of 4). Load Modules and Unresolved External References for JPZ8140</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
FLBUTLO	EKGUAPI	None
FLBCMDS	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FOPEN, FWRITE, FERROR, FCLOSE, MEMMOVE, STRNCMP, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, STRSPN, STRNCMP, SSCANF, TIME, STRTOUL, CEIL, FLOOR, STRLEN	None

Figure 97 (Page 2 of 4). Load Modules and Unresolved External References for JPZ8140

Load Modules	Unresolved External References	Action
FLBGMCMMD	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, SPRINTF, TIME, LOCALTIM, ATOI, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, SSCANF, ATOL, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FOPEN, FWRITE, FERROR, FCLOSE, MEMMOVE, STRNCPY, CALLOC, STRTOK, STRNCMP, STRNCAT, STRTOUL, CEIL, FLOOR, STRLEN	None
FLBGMGR	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, FOPEN, FCLOSE, FGETS, STRNCMP, STRNCPY, STRSPN, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, SPRINTF, SSCANF, ATOI, TIME, LOCALTIM, STRSTR, ATOL, STRNCAT, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FWRITE, FERROR, MEMMOVE, CALLOC, STRTOK, STRTOUL, CEIL, FLOOR, STRLEN	None
FLBTOPO	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, FGETS, MEMMOVE, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FOPEN, FWRITE, FERROR, FCLOSE, STRNCPY, CALLOC, STRTOK, MEMCOPY, MEMCMP, MEMSET, TOUPPER, STRCSPN, STRNCMP, STRSPN, STRNCAT, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, SSCANF, TIME, STRLEN, STRCPY, STRSTR, IDSIGIT, STRCHR, STRCAT, STRCMP, SPRINTF, EDC#EXIT, STRTOUL, CEIL, FLOOR	None
EKGVACTM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, MEMMOVE, STRNCPY, STRNCAT, STRNCMP, STRTOK, CNMINFC, CNMSCOP, CNMVAR, CNMVLC, SSCANF, FREE, MALLOC, CNMSMSG, VSPRINTF	Resolved when you apply JPZ8132 or JPZ8133

Figure 97 (Page 3 of 4). Load Modules and Unresolved External References for JPZ8140

Load Modules	Unresolved External References	Action
EKGVCHGM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, ATOF, ATOI, STRTOUL, FREE STRNCAT, STRNCMP, STRTOK, SSCANF, TOUPPER, MALLOC, MEMMOVE, STRNCPY, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, ISXDIGIT	Resolved when you apply JPZ8132 or JPZ8133
EKGVCREM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOL, STRTOUL, STRNCAT, STRTOK, SSCANF, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, SPRINTF, TOUPPER, ISXDIGIT, CNMSMSG, VSPRINTF	Resolved when you apply JPZ8132 or JPZ8133
EKGVDELM (2), EKVLNKM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	Resolved when you apply JPZ8132 or JPZ8133
EKGVLOCM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRNCMP, STRTOK, SSCANF, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, FREE, MALLOC, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ISXDIGIT	Resolved when you apply JPZ8132 or JPZ8133
EKGVMETM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, MEMMOVE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	Resolved when you apply JPZ8132 or JPZ8133
EKGVQUEM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, FREE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, MALLOC, STRNCMP, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER	Resolved when you apply JPZ8132 or JPZ8133

Figure 97 (Page 4 of 4). Load Modules and Unresolved External References for JPZ8140

Load Modules	Unresolved External References	Action
EKGVSUBM (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVARs, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	Resolved when you apply JPZ8132 or JPZ8133

### 8.1.6 ACCEPT NetView Version 3

If you have previously installed NetView or NCCF into distribution libraries that you will continue to use with NetView Version 3, you will need to let SMP remove the old NetView or NCCF from those distribution libraries at ACCEPT time.

Each ACCEPT job supplied in NETVIEW.V3R1M0.INSTALL will accept one or more FMIDs. Depending on which system (Remote Unattended System, Procedural System or Enterprise System) you are installing, you will need to run different ACCEPT jobs. The chart below will show you which ACCEPT jobs to run, and which FMIDS they will accept. For each ACCEPT job, you will need to comment out the FMIDs that you did not RECEIVE and APPLY.

See Figure 98 to determine which jobs you should run.

Figure 98. Which ACCEPT Jobs to Run

System ordered	ACCEPT jobs to run	FMIDS applied
Remote Unattended System US English	CNMJAC00 CNMJAC10	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114
Remote Unattended System Japanese	CNMJAC00 CNMJAC10	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115
Procedural System US English	CNMJAC00 CNMJAC10 CNMJAC20	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124
Procedural System Japanese	CNMJAC00 CNMJAC10 CNMJAC20	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125
Enterprise System US English	CNMJAC00 CNMJAC10 CNMJAC20 CNMJAC30 CNMJAC40	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8114 JPZ8120 JPZ8124 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8134 JPZ8136 JPZ8140 JPZ8144 JPZ8150 JPZ8154 JPZ8156
Enterprise System Japanese	CNMJAC00 CNMJAC10 CNMJAC20 CNMJAC30 CNMJAC40	HPZ8100 JPZ8101 JPZ8102 JPZ8110 JPZ8111 JPZ8115 JPZ8120 JPZ8125 HPZ8130 JPZ8131 JPZ8132 JPZ8133 JPZ8135 JPZ8136 JPZ8140 JPZ8145 JPZ8150 JPZ8155 JPZ8157

After choosing which jobs you should run, make the changes as indicated in the JCL comments (as well as any other changes required by your site) and submit the jobs. Remember, you must comment out any FMIDs that you will not be accepting.

Figures 99 through 103 show the ACCEPT samples.

```

//CNMJAC00 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAC00                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS    **
//**      AND POPULATE THE DISTRIBUTION LIBRARIES.          **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW REMOTE UNATTENDED US ENGLISH             **
//**      NETVIEW REMOTE UNATTENDED JAPANESE                **
//**      NETVIEW PROCEDURAL US ENGLISH                    **
//**      NETVIEW PROCEDURAL JAPANESE                      **
//**      NETVIEW ENTERPRISE US ENGLISH                    **
//**      NETVIEW ENTERPRISE JAPANESE                      **
//**
//**      NOTE:                                             **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR DISTRIBUTION ZONE NAME                     **
//**      3. ALL OF THE NETVIEW FMIDS ARE                   **
//**      LISTED ON THE ACCEPT BELOW.  YOU                  **
//**      SHOULD DELETE THOSE WHICH YOU                     **
//**      HAVE NOT APPLIED.                                  **
//**

```

Figure 99 (Part 1 of 2). CNMJAC00

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****                                          **
/**      *****                                          **
//CNMJAC00 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
  HPZ8100 /* NETVIEW SNA BASE                               */
  JPZ8101 /* NETVIEW SNA PL/I                               */
  JPZ8102 /* NETVIEW SNA C                                 */
)
.
/*
//

```

Figure 99 (Part 2 of 2). CNMJAC00

```

//CNMJAC10 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAC10                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS    **
//**      AND POPULATE THE DISTRIBUTION LIBRARIES.          **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW REMOTE UNATTENDED US ENGLISH              **
//**      NETVIEW PROCEDURAL US ENGLISH                     **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW REMOTE UNATTENDED JAPANESE                **
//**      NETVIEW PROCEDURAL JAPANESE                       **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR DISTRIBUTION ZONE NAME                     **
//**      3. ALL OF THE NETVIEW FMIDS ARE                   **
//**      LISTED ON THE ACCEPT BELOW.  YOU                  **
//**      SHOULD DELETE THOSE WHICH YOU HAVE                **
//**      NOT APPLIED.                                       **
//**

```

Figure 100 (Part 1 of 2). CNMJAC10



```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****
/**      *****
//CNMJAC10 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
/* <==3 FMIDS      */
JPZ8110 /* NETVIEW FULL BASE      */
JPZ8111 /* NETVIEW FULL BASE PL/I  */
JPZ8114 /* NETVIEW FULL BASE US ENGLISH */
JPZ8115 /* NETVIEW FULL BASE JAPANESE */
)
.
/*
//

```

Figure 100 (Part 2 of 2). CNMJAC10

```

//CNMJAC20 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
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//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAC20                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS    **
//**      AND POPULATE THE DISTRIBUTION LIBRARIES.          **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW PROCEDURAL US ENGLISH                     **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW PROCEDURAL JAPANESE                       **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED  **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR DISTRIBUTION ZONE NAME                     **
//**      3. ALL OF THE NETVIEW FMIDS ARE                   **
//**      LISTED ON THE ACCEPT BELOW.  YOU                  **
//**      SHOULD DELETE THOSE WHICH YOU HAVE                **
//**      NOT APPLIED.                                       **
//**

```

Figure 101 (Part 1 of 2). CNMJAC20

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****                                          **
/**      *****                                          **
//CNMJAC20 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
    JPZ8120 /* NETVIEW MONITOR  BASE                      */
    JPZ8124 /* NETVIEW MONITOR  US ENGLISH                */
    JPZ8125 /* NETVIEW MONITOR  JAPANESE                  */
)
.
/*
//

```

Figure 101 (Part 2 of 2). CNMJAC20

```

//CNMJAC30 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
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//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                   **
//**      FORM NUMBER G120-2083.                            **
//**
//**      PROCEDURE:  CNMJAC30                               **
//**
//**      FUNCTION:                                         **
//**      UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS   **
//**      AND POPULATE THE DISTRIBUTION LIBRARIES.          **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                             **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                            **
//**      1. YOUR SMP/E PROC                                 **
//**      2. YOUR DISTRIBUTION ZONE NAME                     **
//**      3. ALL OF THE NETVIEW FMIDS ARE                   **
//**      LISTED ON THE ACCEPT BELOW.  YOU                  **
//**      SHOULD DELETE THOSE WHICH YOU HAVE                **
//**      NOT APPLIED.                                       **
//**

```

Figure 102 (Part 1 of 2). CNMJAC30

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****
/**      *****
/**/CNMJAC30 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
/**/SMPCNTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
  HPZ8130 /* NETVIEW RODM BASE                            */
  JPZ8131 /* NETVIEW RODM PL/I                            */
  JPZ8132 /* NETVIEW RODM C                              */
  JPZ8133 /* NETVIEW RODM LE/370                         */
  JPZ8134 /* NETVIEW RODM US ENGLISH                    */
  JPZ8135 /* NETVIEW RODM JAPANESE                      */
  JPZ8136 /* NETVIEW RODM METHODS                      */
)
.
/*
//

```

Figure 102 (Part 2 of 2). CNMJAC30

```

//CNMJAC40 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
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//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**      PROCEDURE:  CNMJAC40                               **
//**
//**      FUNCTION:                                          **
//**      UPDATE THE DISTRIBUTION ZONE WITH NEW FUNCTIONS    **
//**      AND POPULATE THE DISTRIBUTION LIBRARIES.           **
//**
//**      THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY  **
//**      OF THE FOLLOWING NETVIEW OPTIONS:                  **
//**      NETVIEW ENTERPRISE US ENGLISH                     **
//**      NETVIEW ENTERPRISE JAPANESE                       **
//**
//**      NOTE:                                              **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND      **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED    **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL  **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR SMP/E PROC                                  **
//**      2. YOUR DISTRIBUTION ZONE NAME                     **
//**      3. ALL OF THE NETVIEW FMIDS ARE                   **
//**      LISTED ON THE ACCEPT BELOW.  YOU                  **
//**      SHOULD DELETE THOSE WHICH YOU HAVE                **
//**      NOT APPLIED.                                       **
//**

```

Figure 103 (Part 1 of 2). CNMJAC40

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****
/**      *****
//CNMJAC40 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
/* <==3 FMIDS      */
JPZ8140 /* NETVIEW SNATM BASE                          */
JPZ8144 /* NETVIEW SNATM US ENGLISH                    */
JPZ8145 /* NETVIEW SNATM JAPANESE                      */
JPZ8150 /* NETVIEW GMF BASE                            */
JPZ8154 /* NETVIEW GMF US ENGLISH                     */
JPZ8155 /* NETVIEW GMF JAPANESE                       */
JPZ8156 /* NETVIEW GMF CLIENT US ENGLISH              */
JPZ8157 /* NETVIEW GMF CLIENT JAPANESE                 */
)
.
/*
//

```

Figure 103 (Part 2 of 2). CNMJAC40

### 8.1.6.1 Subdividing the ACCEPT of NetView Version 3

If you wish, you may ACCEPT NetView Version 3 FMIDs one at a time by successively running the ACCEPT job with only one FMID specified in the SELECT option. By ACCEPTing each FMID in a separate job, you will make each of the jobs run in a shorter period of time than if you ACCEPTed all the FMIDs together.

### 8.1.6.2 ACCEPTing NetView Version 3 on a System Having NCCF or NetView Already Installed

You should do either 8.1.6.2.1, “Deleting a Previous Release of NCCF or NetView” or 8.1.6.2.2, “Running with a Previous Release of NCCF or NetView” on page 192, but not both.

**8.1.6.2.1 Deleting a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF into system libraries and you will reuse those libraries with NetView Version 3, but you do NOT want to continue using this release after your V3R1 install, you will need to let SMP remove the old NetView or NCCF from those libraries when SMP installs NetView Version 3.

To allow SMP to remove the old NetView or NCCF from your system's libraries, you will have to take the following steps:

- You will have to run your ACCEPT job using your old NetView or NCCF libraries and SMP zone.
- Since NetView Version 3 no longer uses the libraries NLOADLIB, ABNJMOD1 and AOS27, you will have to provide access to the old NetView or NCCF NLOADLIB, ABNJMOD1, and AOS27 in your ACCEPT job so SMP can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 104 shows an example of possible DD statements. Figure 105 is an example of possible DDDEFs. You will have to substitute the names of your NetView or NCCF NLOADLIB, ABNJMOD1, and AOS27.

```
//ABNJMOD1 DD DSN=&NVHLQ..ABNJMOD1,DISP=SHR
//AOS27     DD DSN=&NVHLQ..AOS27,DISP=SHR
//NLOADLIB DD DSN=&NVHLQ..NLOADLIB,DISP=SHR
```

Figure 104. Sample DD Statements for NLOADLIB, ABNJMOD1, and AOS27

```
ADD DDDEF (ABNJMOD1)
  DA(sys1.ABNJMOD1) SHR.
ADD DDDEF (AOS27)
  DA(sys1.AOS27) SHR.
ADD DDDEF (NLOADLIB)
  DA(sys1.NLOADLIB) SHR.
```

Figure 105. Sample DDDEF Statements for NLOADLIB, ABNJMOD1, and AOS27

- During an ACCEPT, all the elements from a previous release are deleted from your distribution libraries. If you have previously manually deleted old libraries or elements within a library, the SMP entry for them will still exist. An attempt will be made to delete them and processing will continue whether or not the element is found. However, if SMP cannot find the data sets, it will halt the ACCEPT until you provide access to them. In this case, allocate dummy libraries and delete them after the ACCEPT.
- After the ACCEPT has successfully finished, you may delete the old NetView or NCCF NLOADLIB and ABNJMOD1. AOS27 should be retained for the non-NetView components it contains, if it is not empty after the ACCEPT. Any old NetView data sets that are deleted should also be removed from your SMP/E procedure (CNMJSMPE) and/or your SMP/E zone DDDEFs (CNMJDDDF).

**8.1.6.2.2 Running with a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF and you plan to continue using this release after your V3R1 install, you MUST use separate SMP distribution zones for your NetView MVS/ESA install.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run the dummy SMP job to delete the old distribution libraries from the previous release's CSI zone. This assumes you have installed NetView Version 3 in a separate CSI from the previous release. This process is described in 8.1.5.2.2, "Running with a Previous Release of NCCF or NetView" on page 163 and the jobs provided perform the receive, apply, and accept steps.



### **8.1.6.3 Running and Verifying the ACCEPT of NetView Version 3**

Run the accept jobs for NetView Version 3. Each job should end with a condition code of 0. If the condition code for any job is not 0, then analyze the reports from the ACCEPT and take whatever action is necessary to resolve the errors. The analysis of ACCEPT reports is covered in detail in *SMP/E User's Guide*.

### **8.1.7 Installing the PTFs for CUM Maintenance**

For information concerning PTF installation, refer to *SMP/E User's Guide*.

RECEIVE, APPLY, and ACCEPT any CUM tape received with this product.

---

## **8.2 Activating NetView Version 3**

Detailed steps to get the program into operational status are defined in *NetView Installation and Administration Guide*.

## Appendix A. NetView Version 3 Install Logic

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 HPZ8100 follow:

```
++FUNCTION(HPZ8100) FESN(0565899) REWORK(1995338) FILES(4)
  RFDSPFX(IBM) /* DATE=12/04/95 TIME=10.58.56 */
/*****/
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/*****/
.
++VER(Z038)
  DELETE(H08S100,HRB1100,
    HXYZ400,HQJ4100,HXYZ300,HVWW300,HXYZ200,HVWW200,HXYZ101,
    HXYZ100,HVWW101,HVWW100,HVNW140,HNV1303,HNV1203,HNV1202,
    HNV1103,HVN1102,HNO1102,HCS1102,HCS1302,HCS1502,HCS2102,
    HCS2202,HCS2203,HLD1100,HLD1200,HLD1302,HLD1303,HPD2100,
    HPD3100,HPD3200,HPJ3202,JPD2103,JPD3110,JPD3210,JPJ3210)
  SUP(H08S100,HRB1100,
    HXYZ400,HQJ4100,HXYZ300,HVWW300,HXYZ200,HVWW200,HXYZ101,
    HXYZ100,HVWW101,HVWW100,HVNW140,HNV1303,HNV1203,HNV1202,
    HNV1103,HVN1102,HNO1102,HCS1102,HCS1302,HCS1502,HCS2102,
    HCS2202,HCS2203,HLD1100,HLD1200,HLD1302,HLD1303,HPD2100,
    HPD3100,HPD3200,HPJ3202,JPD2103,JPD3110,JPD3210,JPJ3210)
.
++JCLIN RELFILE(1) .
```

Figure 106. Installation Logic for IBM NetView Version 3 HPZ8100

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8101 follow:

```
++FUNCTION(JPZ8101) FESN(0565899) REWORK(1995150) FILES(2)
  RFDSNPFX(IBM) /* DATE=05/30/95 TIME=08.11.37 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 107. Installation Logic for IBM NetView Version 3 JPZ8101

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8102 follow:

```
++FUNCTION(JPZ8102) FESN(0565899) REWORK(1995150) FILES(2)
  RFDSNPFX(IBM) /* DATE=05/30/95 TIME=08.43.47 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 108. Installation Logic for IBM NetView Version 3 JPZ8102

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8110 follow:

```

++FUNCTION(JPZ8110) FESN(0565899)  REWORK(1995150)    FILES(4)
  RFDSNPF(IBM)                /* DATE=05/30/95  TIME=09.40.59 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/*****/
.
++VER(Z038) FMID(HPZ8100)
.
++JCLIN RELFILE(1) .

```

Figure 109. Installation Logic for IBM NetView Version 3 JPZ8110

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8111 follow:

```

++FUNCTION(JPZ8111) FESN(0565899)  REWORK(1995150)    FILES(2)
  RFDSNPF(IBM)                /* DATE=05/30/95  TIME=13.26.28 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM                */
/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8110)
.
++JCLIN RELFILE(1) CALLLIBS .

```

Figure 110. Installation Logic for IBM NetView Version 3 JPZ8111

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8114 follow:

```
++FUNCTION(JPZ8114) FESN(0565899) REWORK(1995150) FILES(4)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=13.53.51 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8110)
.
++JCLIN RELFILE(1) .
```

Figure 111. Installation Logic for IBM NetView Version 3 JPZ8114

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8115 follow:

```
++FUNCTION(JPZ8115) FESN(0565899) REWORK(1995258) FILES(4)
  RFDSNPF(X)IBM) /* DATE=09/15/95 TIME=10.56.19 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8110)
.
++JCLIN RELFILE(1) .
```

Figure 112. Installation Logic for IBM NetView Version 3 JPZ8115

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8120 follow:

```
++FUNCTION(JPZ8120) FESN(0565899) REWORK(1995150) FILES(1)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=14.40.09 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
.
```

Figure 113. Installation Logic for IBM NetView Version 3 JPZ8120

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8124 follow:

```
++FUNCTION(JPZ8124) FESN(0565899) REWORK(1995150) FILES(1)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=15.01.32 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8120)
.
```

Figure 114. Installation Logic for IBM NetView Version 3 JPZ8124

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8125 follow:

```
++FUNCTION(JPZ8125) FESN(0565899) REWORK(1995255) FILES(1)
  RFDSNPF(X)IBM) /* DATE=09/12/95 TIME=18.12.27 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8120)
.
```

Figure 115. Installation Logic for IBM NetView Version 3 JPZ8125

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 HPZ8130 follow:

```
++FUNCTION(HPZ8130) FESN(0565899) REWORK(1995150) FILES(3)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=17.53.54 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 116. Installation Logic for IBM NetView Version 3 HPZ8130

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8131 follow:

```
++FUNCTION(JPZ8131) FESN(0565899) REWORK(1995150) FILES(2)
  RFDSNPFX(IBM) /* DATE=05/30/95 TIME=18.17.17 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(HPZ8130)
  NPRE(JPZ8133)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 117. Installation Logic for IBM NetView Version 3 JPZ8131

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8132 follow:

```
++FUNCTION(JPZ8132) FESN(0565899) REWORK(1995150) FILES(2)
  RFDSNPFX(IBM) /* DATE=05/30/95 TIME=18.35.17 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(HPZ8130)
  NPRE(JPZ8133)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 118. Installation Logic for IBM NetView Version 3 JPZ8132



The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8133 follow:

```
++FUNCTION(JPZ8133) FESN(0565899) REWORK(1995150) FILES(2)
  RFDSNPF(X) IBM) /* DATE=05/30/95 TIME=18.50.39 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(HPZ8130)
  NPRE(JPZ8131,JPZ8132)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 119. Installation Logic for IBM NetView Version 3 JPZ8133

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8134 follow:

```
++FUNCTION(JPZ8134) FESN(0565899) REWORK(1995150) FILES(2)
  RFDSNPF(X) IBM) /* DATE=05/30/95 TIME=19.06.31 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(HPZ8130)
.
```

Figure 120. Installation Logic for IBM NetView Version 3 JPZ8134

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8135 follow:

```
++FUNCTION(JPZ8135) FESN(0565899) REWORK(1995256) FILES(2)
  RFDSNPF(X)IBM) /* DATE=09/13/95 TIME=11.30.51 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(HPZ8130)
.
```

Figure 121. Installation Logic for IBM NetView Version 3 JPZ8135

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8136 follow:

```
++FUNCTION(JPZ8136) FESN(0565899) REWORK(1995150) FILES(3)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=19.24.57 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(HPZ8130)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 122. Installation Logic for IBM NetView Version 3 JPZ8136

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8140 follow:

```
++FUNCTION(JPZ8140) FESN(0565899) REWORK(1995150) FILES(5)
RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=15.52.46 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
.
++JCLIN RELFILE(1) CALLLIBS .
```

Figure 123. Installation Logic for IBM NetView Version 3 JPZ8140

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8144 follow:

```

++FUNCTION(JPZ8144) FESN(0565899) REWORK(1995150) FILES(1)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=16.38.27 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8140)
.

```

Figure 124. Installation Logic for IBM NetView Version 3 JPZ8144

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8145 follow:

```

++FUNCTION(JPZ8145) FESN(0565899) REWORK(1995263) FILES(1)
  RFDSNPF(X)IBM) /* DATE=09/20/95 TIME=10.03.59 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8140)
.

```

Figure 125. Installation Logic for IBM NetView Version 3 JPZ8145

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8150 follow:

```
++FUNCTION(JPZ8150) FESN(0565899) REWORK(1995150) FILES(1)
  RFDSNPF(X) IBM) /* DATE=05/30/95 TIME=16.56.21 */
/*****
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/* LICENSED MATERIALS - PROPERTY OF IBM */
*****/
.
++VER(Z038) FMID(HPZ8100)
.
```

Figure 126. Installation Logic for IBM NetView Version 3 JPZ8150

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8154 follow:

```
++FUNCTION(JPZ8154) FESN(0565899) REWORK(1995150) FILES(1)
  RFDSNPF(X) IBM) /* DATE=05/30/95 TIME=17.18.38 */
/*****
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/* LICENSED MATERIALS - PROPERTY OF IBM */
*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8150)
.
```

Figure 127. Installation Logic for IBM NetView Version 3 JPZ8154

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8155 follow:

```
++FUNCTION(JPZ8155) FESN(0565899) REWORK(1995263) FILES(1)
  RFDSNPF(X)IBM) /* DATE=09/20/95 TIME=10.21.13 */
/*****/
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/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8150)
.
```

Figure 128. Installation Logic for IBM NetView Version 3 JPZ8155

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8156 follow:

```
++FUNCTION(JPZ8156) FESN(0565899) REWORK(1995150) FILES(1)
  RFDSNPF(X)IBM) /* DATE=05/30/95 TIME=17.40.09 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8150)
.
```

Figure 129. Installation Logic for IBM NetView Version 3 JPZ8156

The SMP/E MCS statements up to and including the ++JCLIN statement for NetView Version 3 JPZ8157 follow:

```
++FUNCTION(JPZ8157) FESN(0565899) REWORK(1995256) FILES(1)
  RFDSNPFX(IBM) /* DATE=09/13/95 TIME=15.14.49 */
/*****/
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/*****/
.
++VER(Z038) FMID(HPZ8100)
  PRE(JPZ8150)
.
```

Figure 130. Installation Logic for IBM NetView Version 3 JPZ8157

To unload the remainder of the SMP/E MCS for NetView Version 3 sample CNMJUMCS, provided in NETVIEW.V3R1M0.INSTALL can be used.

```
//CNMJUMCS JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**
//**      5655-007 (C) COPYRIGHT IBM CORP. 1986, 1995      **
//**      ALL RIGHTS RESERVED.                               **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS            **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY   **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION.   **
//**      LICENSED MATERIALS - PROPERTY OF IBM              **
//**      REFER TO COPYRIGHT INSTRUCTIONS                    **
//**      FORM NUMBER G120-2083.                             **
//**
//**
//**      PROCEDURE:  CNMJUMCS                               **
//**
//**      FUNCTION:                                         **
//**      PRINTS THE INSTALL LOGIC (SMP/E MCS) FROM THE     **
//**      PRODUCT TAPES                                     **
//**
//**      NOTE:                                             **
//**      ARROWS "<==<=" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND       **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED     **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL   **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE  **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                             **
//**      1. YOUR TAPE UNIT                                  **
//**      2. UNCOMMENT LINE FOR MCS DESIRED                 **
//**
//**      EXPECTED COND CODE: 0000                           **
//**
//**      ACTIVITY:                                          **
//**
//*****
//*****
```

Figure 131 (Part 1 of 2). CNMJUMCS



```

//*
//PSMPMCS  PROC VOLSER=          DISTRIBUTION TAPE VOLSER
//CNMJXLGC EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSUT1   DD DSN=SMPMCS,VOL=SER=&VOLSER.,
//          UNIT=TAPE,DISP=OLD,  <==1 TAPE UNIT
//          LABEL=(1,SL)
//SYSUT2   DD SYSOUT=A
//SYSIN    DD DUMMY
//          PEND
//*****
//* UNCOMMENT EACH OF THE STEPS THAT CORRESPOND TO A PART
//* OF NETVIEW THAT YOU ARE INSTALLING AND WOULD LIKE TO VIEW
//* THE INSTALLATION LOGIC FOR.
//*****
//*PZ8100  EXEC PSMPMCS,VOLSER=PZ8100  NETVIEW SNA BASE ENG.
//*PZ8105  EXEC PSMPMCS,VOLSER=PZ8105  NETVIEW SNA BASE JAP.
//*PZ8110  EXEC PSMPMCS,VOLSER=PZ8110  NETVIEW FULL BASE ENG.
//*PZ8115  EXEC PSMPMCS,VOLSER=PZ8115  NETVIEW FULL BASE JAP.
//*PZ8120  EXEC PSMPMCS,VOLSER=PZ8120  NETVIEW MONITOR ENG.
//*PZ8125  EXEC PSMPMCS,VOLSER=PZ8125  NETVIEW MONITOR JAP.
//*PZ8130  EXEC PSMPMCS,VOLSER=PZ8130  NETVIEW RODM ENG.
//*PZ8135  EXEC PSMPMCS,VOLSER=PZ8135  NETVIEW RODM JAP.
//*PZ8140  EXEC PSMPMCS,VOLSER=PZ8140  NETVIEW SNATM ENG.
//*PZ8145  EXEC PSMPMCS,VOLSER=PZ8145  NETVIEW SNATM JAP.

```

Figure 131 (Part 2 of 2). CNMJUMCS

If you ordered NetView Version 3 as an individual product (not in CBIPO or CBPDO), then the entire set of SMP/E modification control statements for the installation can be obtained by printing the first file of the NetView Version 3 program tape.

---

## Appendix B. Program Level Information

The following APAR fixes against previous releases of NetView have been incorporated into this NetView Version 3:

OW00072	OW00635	OW01145	OW01491
OW00095	OW00645	OW01153	OW01492
OW00096	OW00649	OW01185	OW01521
OW00100	OW00652	OW01202	OW01557
OW00102	OW00668	OW01203	OW01567
OW00127	OW00673	OW01204	OW01586
OW00175	OW00723	OW01221	OW01588
OW00182	OW00733	OW01237	OW01602
OW00214	OW00751	OW01239	OW01607
OW00220	OW00766	OW01258	OW01612
OW00224	OW00770	OW01259	OW01641
OW00226	OW00771	OW01262	OW01650
OW00228	OW00772	OW01269	OW01672
OW00229	OW00773	OW01270	OW01679
OW00272	OW00811	OW01274	OW01681
OW00274	OW00827	OW01276	OW01684
OW00275	OW00845	OW01287	OW01685
OW00285	OW00874	OW01304	OW01692
OW00287	OW00875	OW01324	OW01697
OW00290	OW00876	OW01339	OW01737
OW00294	OW00878	OW01349	OW01738
OW00296	OW00880	OW01350	OW01757
OW00298	OW00882	OW01367	OW01792
OW00326	OW00903	OW01369	OW01811
OW00376	OW00910	OW01387	OW01812
OW00384	OW00919	OW01404	OW01814
OW00392	OW00924	OW01407	OW01862
OW00404	OW00925	OW01413	OW01879
OW00406	OW00927	OW01417	OW01887
OW00410	OW00930	OW01444	OW01895
OW00479	OW00977	OW01445	OW01896
OW00481	OW00981	OW01446	OW01897
OW00499	OW01051	OW01467	OW01900
OW00523	OW01052	OW01481	OW01918
OW00559	OW01063	OW01485	OW01919
OW00563	OW01101	OW01486	OW01951
OW00591	OW01128	OW01487	OW01961
OW00606	OW01143	OW01488	OW01964
OW00610	OW01144	OW01490	OW01965

OW01966	OW02700	OW03285	OW04325
OW01967	OW02708	OW03291	OW04383
OW01972	OW02738	OW03341	OW04390
OW02018	OW02740	OW03362	OW04391
OW02026	OW02752	OW03373	OW04426
OW02034	OW02761	OW03374	OW04441
OW02038	OW02766	OW03381	OW04477
OW02048	OW02779	OW03391	OW04478
OW02081	OW02803	OW03399	OW04570
OW02082	OW02838	OW03488	OW04594
OW02086	OW02844	OW03527	OW04609
OW02104	OW02889	OW03556	OW04614
OW02105	OW02902	OW03656	OW04623
OW02107	OW02903	OW03721	OW04636
OW02138	OW02912	OW03732	OW04750
OW02150	OW02926	OW03736	OW04755
OW02241	OW02927	OW03762	OW04790
OW02251	OW02928	OW03772	OW04797
OW02269	OW02930	OW03775	OW04799
OW02276	OW02931	OW03805	OW04802
OW02281	OW02943	OW03830	OW04804
OW02291	OW02960	OW03914	OW04805
OW02319	OW02976	OW03918	OW04815
OW02338	OW02990	OW03934	OW04822
OW02339	OW02995	OW03968	OW04842
OW02437	OW02996	OW03978	OW04848
OW02449	OW03029	OW03982	OW04850
OW02465	OW03035	OW03998	OW04853
OW02478	OW03036	OW04039	OW04860
OW02479	OW03056	OW04042	OW04864
OW02480	OW03078	OW04043	OW04883
OW02494	OW03107	OW04045	OW04932
OW02500	OW03115	OW04046	OW04984
OW02511	OW03117	OW04059	OW04985
OW02547	OW03134	OW04071	OW05011
OW02550	OW03153	OW04144	OW05054
OW02620	OW03163	OW04177	OW05058
OW02624	OW03164	OW04188	OW05064
OW02633	OW03166	OW04213	OW05153
OW02635	OW03181	OW04226	OW05192
OW02651	OW03218	OW04231	OW05196
OW02653	OW03230	OW04244	OW05207
OW02654	OW03270	OW04260	OW05249
OW02656	OW03271	OW04273	OW05257
OW02683	OW03281	OW04318	OW05266
			OW05280

OW05289	OW06280	OW07109	OW08399
OW05290	OW06335	OW07116	OW08426
OW05297	OW06342	OW07122	OW08431
OW05298	OW06344	OW07137	OW08450
OW05368	OW06384	OW07203	OW08520
OW05382	OW06398	OW07217	OW08549
OW05385	OW06432	OW07218	OW08595
OW05401	OW06438	OW07221	OW08626
OW05402	OW06474	OW07224	OW08652
OW05413	OW06477	OW07225	OW08670
OW05418	OW06491	OW07229	OW08673
OW05427	OW06522	OW07273	OW08701
OW05430	OW06527	OW07310	OW08706
OW05459	OW06535	OW07339	OW08714
OW05490	OW06555	OW07341	OW08790
OW05493	OW06577	OW07352	OW08852
OW05532	OW06578	OW07354	OW08867
OW05565	OW06585	OW07361	OW08915
OW05576	OW06600	OW07395	OW08927
OW05578	OW06637	OW07432	OW08969
OW05612	OW06665	OW07435	OW08973
OW05647	OW06668	OW07450	OW08974
OW05712	OW06671	OW07539	OW08994
OW05768	OW06723	OW07563	OW09016
OW05785	OW06724	OW07594	OW09043
OW05816	OW06729	OW07638	OW09070
OW05822	OW06732	OW07665	OW09084
OW05847	OW06751	OW07690	OW09095
OW05858	OW06754	OW07694	OW09121
OW05932	OW06789	OW07704	OW09129
OW05978	OW06791	OW07767	OW09159
OW05990	OW06794	OW07827	OW09242
OW05995	OW06848	OW07829	OW09243
OW06005	OW06876	OW07881	OW09257
OW06016	OW06893	OW07886	OW09347
OW06017	OW06955	OW07930	OW09350
OW06045	OW06988	OW07933	OW09364
OW06051	OW06991	OW07940	OW09380
OW06130	OW07007	OW08133	OW09439
OW06174	OW07024	OW08178	OW09451
OW06219	OW07025	OW08194	OW09560
OW06233	OW07054	OW08239	OW09566
OW06252	OW07062	OW08285	OW09576
OW06255	OW07063	OW08311	OW09595
OW06257	OW07099	OW08329	OW09597
			OW09613

OW09616	OW10731	OY19487	OY23294
OW09647	OW10775	OY20039	OY23324
OW09662	OW10818	OY20406	OY23344
OW09665	OW10830	OY20532	OY23363
OW09681	OW10865	OY21339	OY23424
OW09682	OW10899	OY21428	OY23425
OW09707	OW10913	OY21453	OY23444
OW09779	OW11033	OY21758	OY23522
OW09796	OW11052	OY21781	OY23524
OW09800	OW11053	OY21830	OY23525
OW09817	OW11062	OY22096	OY23540
OW09855	OW11088	OY22144	OY23601
OW09911	OW11100	OY22276	OY23672
OW09917	OW11101	OY22317	OY23688
OW09923	OW11104	OY22361	OY23691
OW09924	OW11127	OY22395	OY23692
OW09925	OW11185	OY22439	OY23693
OW09926	OW11225	OY22464	OY23694
OW09927	OW11253	OY22501	OY23695
OW09991	OW11335	OY22722	OY23696
OW10028	OW11368	OY22745	OY23697
OW10040	OW11369	OY22747	OY23702
OW10041	OW11379	OY22765	OY23704
OW10115	OW11397	OY22781	OY23718
OW10150	OW11407	OY22842	OY23734
OW10162	OW11408	OY22844	OY23751
OW10201	OW11415	OY22848	OY23766
OW10212	OW11432	OY22872	OY23775
OW10219	OW11496	OY22930	OY23799
OW10230	OW11503	OY22931	OY23800
OW10261	OW11687	OY22932	OY23802
OW10307	OW11695	OY23004	OY23803
OW10321	OW11748	OY23005	OY23806
OW10370	OW11794	OY23006	OY23807
OW10420	OW11820	OY23008	OY23811
OW10458	OW11821	OY23023	OY23816
OW10492	OW11842	OY23036	OY23858
OW10494	OW12222	OY23089	OY23866
OW10510	OW12305	OY23105	OY23928
OW10590	OW12307	OY23129	OY23938
OW10603	OW12327	OY23199	OY23952
OW10612	OW12369	OY23223	OY23967
OW10622	OW12474	OY23267	OY24040
OW10684	OW12915	OY23274	OY24100
OW10685	OY15077	OY23283	OY24106
			OY24181

OY24209  
OY24211  
OY24212  
OY24213  
OY24220  
OY24266  
OY24267  
OY24278  
OY24315  
OY24324  
OY24328  
OY24334  
OY24348  
OY24358  
OY24396  
OY24412  
OY24416