



**Program Directory for
TME 10 NetView for OS/390
Japanese
PL/I and C/370**

Version 1 Release 2

Program Number 5697-B82

FMID HPZ8300

for Use with
MVS/ESA

Document Date: September 1, 1998

GI10-4804-00

Note!

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

A form for reader's comments appears at the back of this publication. When you send information to IBM, you grant IBM a nonexclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

© **Copyright International Business Machines Corporation 1998. All rights reserved.**

Note to U.S. Government Users — Documentation related to restricted rights — Use, duplication or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract with IBM Corp.

Contents

Notices	ix
Trademarks	x
1.0 Introduction	1
1.1 TME 10 NetView for OS/390 Version 1 Release 2 Description	2
1.2 TME 10 NetView for OS/390 Version 1 Release 2 FMIDs	3
1.3 TME 10 NetView for OS/390 Version 1 Release 2 Ordering Options	3
1.3.1 TME 10 NetView for OS/390 Version 1 Release 2 Installation Options	5
1.3.1.1 TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option	5
1.3.1.2 TME 10 NetView for OS/390 Version 1 Release 2 Procedural Option	6
1.3.1.3 TME 10 NetView for OS/390 Version 1 Release 2 Unattended Option	6
1.3.2 TME 10 NetView for OS/390 Version 1 Release 2 NLS Options	6
2.0 Program Materials	8
2.1 Basic Machine-Readable Material	8
2.1.1 Unattended Option for PL/I and C/370	8
2.1.2 Procedural Option for PL/I and C/370	10
2.1.3 Graphical Enterprise Installation Option for PL/I and C/370	12
2.2 Optional Machine-Readable Material	15
2.3 Program Publications	15
2.3.1 Basic Program Publications	15
2.4 Other Materials	17
2.5 Program Source Materials	18
2.6 Publications Useful During Installation	19
3.0 Program Support	20
3.1 Program Services	20
3.2 Preventive Service Planning	20
3.3 Statement of Support Procedures	21
4.0 Program and Service Level Information	22
4.1 Program Level Information	22
4.2 Service Level Information	22
4.3 Cumulative Service Tape	22
5.0 Installation Requirements and Considerations	23
5.1 Driving System Requirements	23
5.1.1 Machine Requirements	23
5.1.2 Programming Requirements	24
5.2 Target System Requirements	24
5.2.1 Machine Requirements	24
5.2.2 Programming Requisites	24

5.2.2.1	Minimum Requisites	24
5.2.2.2	Functional Requisites	25
5.2.3	DASD Storage Requirements	27
5.3	FMIDs Deleted	39
5.3.1	System Considerations	40
5.4	Special Considerations	40
5.4.1	Considerations for NetView 3270 JAVA Client	40
5.4.2	Considerations for NetView Web Server	42
5.4.3	Considerations for Event Automation Service	42
5.4.4	Considerations for issuing MVS Open Edition or OS/390 UNIX Services Commands from TME 10 NetView for OS/390 Version 1 Release 2	42
5.4.5	Considerations for TCP/IP for MVS Monitoring and Session Management	42
5.4.6	Considerations for Beeper/Pager Support	42
5.4.7	Considerations for NetView Management Console	42
5.4.8	NetView Installation and Administration Facility/2	44
5.4.9	Resource Object Data Manager (RODM)	44
5.4.10	NetView Bridge -- Support for INFO Access	44
5.4.11	Graphic Monitor Facility Host Subsystem	45
5.4.12	ASCII Console Support in Graphic Monitor Facility Host Subsystem	45
5.4.13	NetView Graphic Monitor Facility (NGMF)	45
5.4.14	NGMF Communications Manager Configuration Utility	45
5.4.15	RODM Administration and NGMF Problem and Inventory Functions	46
5.4.16	SNA Topology Manager	46
5.4.17	SNA Topology Manager Resource Filtering	46
5.4.18	APPN Accounting Manager	46
5.4.19	NetView Graphic Monitor Facility Installation (if not using NIAF/2)	46
5.4.20	APPN Topology and Accounting Agent	46
5.4.21	MVS Sysplex Support - Compatibility Mode	47
5.4.22	MVS Sysplex Support - Enablement	47
5.4.23	Pre-initialized PL/I Environments for NetView HLL	47
5.4.24	Pipeline Automation	47
5.4.25	Support for IBM LAN Network Manager Enhanced Command Interface	47
5.4.26	NetView Support for 3174 ISDN	47
5.4.27	Session Monitor Support of APPN* Display and Problem Determination	47
5.4.28	Session Monitor Support of HPR and MNPS	48
5.4.29	Session Monitor Support of VTAM Takeover-Giveback of an NCP	48
5.4.30	Session Monitor support of DLUR/DLUS	48
5.4.31	Session Monitor support of VR-TG and Bordernode	48
5.4.32	Session Monitor Support of VTAM Extended MS-Transport	48
5.4.33	Management of Frame Relay (DTE) and Ethernet	48
5.4.34	NetView Parallel Transmission Group Support	48
5.4.35	NetView Network Asset Management	48
5.4.36	NetView Performance Monitor (NPM) Alerts	49
5.4.37	NetView Support for Programmable Network Access (PNA)	49
5.4.38	Active in Session	49
5.4.39	SAF Security Checking on RODM Connections	49

5.4.40	SAF Security Checking on NetView Operator Password Protection	49
5.4.41	SAF Security Checking RMTCMD RMTOPS Class	49
5.4.42	SAF security checking for NetView Command Authorization	49
5.4.43	SAF security checking for NetView Span of Control Access	49
5.4.44	SAF security checking for NetView Operator Logon Information	49
5.4.45	View Security	49
5.4.46	High Level Language (HLL) restriction	50
5.4.47	Other Considerations	50
5.4.48	Considerations for TME 10 NetView for OS/390 Version 1 Release 2 Automated Operations Network Component	52
5.4.49	Considerations for TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager Component	54
5.4.49.1	System Considerations for CM/2	54
5.4.49.2	System Considerations for the MultiSystem Manager LAN Network Manager Feature	54
5.4.49.3	System Considerations for the MultiSystem Manager Novell NetWare Network Feature	55
5.4.49.4	System Considerations for the MultiSystem Manager IP Network Feature	55
5.4.49.5	System Considerations for the MultiSystem Manager Netfinity Network Feature	55
5.4.49.6	System Considerations for the MultiSystem Manager ATM Networks Feature	56
5.4.49.7	System Considerations for the MultiSystem Manager TMR Feature	56
6.0	Installation Instructions	57
6.1	Installing TME 10 NetView for OS/390 Version 1 Release 2	59
6.1.1	SMP/E Considerations for Installing TME 10 NetView for OS/390 Version 1 Release 2	59
6.1.2	SMP/E Environment	60
6.1.3	SMP/E Options Subentry Values	61
6.1.4	Unload the Sample JCL from the Product Tape	61
6.1.5	Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 2	63
6.1.5.1	Allocating New SMP/E Data Sets for TME 10 NetView for OS/390 Version 1 Release 2	63
6.1.5.2	Creating a New SMP/E CSI for TME 10 NetView for OS/390 Version 1 Release 2	66
6.1.5.3	SMP/E R8 or later access to TME 10 NetView for OS/390 Version 1 Release 2 Data Sets	80
6.1.5.4	Create DDDEF Entries	84
6.1.6	Allocate SMP/E Target and Distribution Libraries	104
6.1.6.1	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 and Its Features	105
6.1.6.1.1	Unattended TME 10 NetView for OS/390 Version 1 Release 2	105
6.1.6.1.2	Procedural TME 10 NetView for OS/390 Version 1 Release 2	114
6.1.6.1.3	Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 2	125
6.1.7	Perform SMP/E RECEIVE	136
6.1.8	RECEIVE the Cumulative Service Tape	147
6.1.9	Perform SMP/E APPLY	148
6.1.9.1	Subdividing the APPLY of TME 10 NetView for OS/390 Version 1 Release 2	155
6.1.9.2	APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed	156
6.1.9.2.1	Deleting a Previous Release of NCCF or NetView	156

6.1.9.2.2	Running with a Previous Release of NCCF or NetView	157
6.1.9.3	Running and Verifying the APPLY of TME 10 NetView for OS/390 Version 1 Release 2	164
6.1.10	Perform SMP/E ACCEPT	165
6.1.10.1	Subdividing the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 2	172
6.1.10.2	ACCEPTing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed	173
6.1.10.2.1	Deleting a Previous Release of NCCF or NetView	173
6.1.10.2.2	Running with a Previous Release of NCCF or NetView	174
6.1.10.3	Running and Verifying the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 2	174
6.1.11	Installing the PTFs for CUM Maintenance	174
6.2	Activating TME 10 NetView for OS/390 Version 1 Release 2	174
Appendix A. TME 10 NetView for OS/390 Version 1 Release 2 Install Logic		175
A.1	SMP/E Modification Control Statements	175
A.2	SMP/E JCLIN	175
Appendix B. Program Level Information		176
Reader's Comments		204

Figures

1.	Ordering Option Components	4
2.	Unattended Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM	8
3.	Unattended Option for PL/I and C/370 Japanese Program Tapes(s): File Content (6250 BPI, 3480 cart and 4mm tape)	9
4.	Procedural Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM	10
5.	Procedural Option for PL/I and C/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cart and 4mm tape)	10
6.	Graphical Enterprise Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM	12
7.	Graphical Enterprise Option for PL/I and C/370 Japanese	13
7.	Graphical Enterprise Option for C/370 and PL/I Japanese Program Tape(s): (6250 BPI, 3480 cartridges and 4mm tape)	13
8.	Basic Material: Licensed Publications	16
9.	Basic Material: Unlicensed Publications	16
10.	Materials Useful During Installation	17
11.	Publications Useful During Installation	19
12.	PSP Upgrade and Subset ID	20
13.	Component IDs	21
14.	High Level Language Options for Unattended	23
15.	Driving System Software Requirements	24
16.	Minimum Requisites	24
17.	Functional Requisites for AON	25
18.	Total DASD Space Required by TME 10 NetView for OS/390 Version 1 Release 2	27
19.	Storage Requirements for SMPCSI Data Sets for SMP/E for TME 10 NetView for OS/390 Version 1 Release 2 Unattended	29
20.	Storage Requirements for SMP/E Work Data Sets	29
21.	Storage Requirements for SMP/E Data Sets	29
22.	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Target Libraries	31
23.	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Distribution Libraries	32
24.	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Procedural Target Libraries	33
25.	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Procedural Distribution Libraries	35
26.	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Target Libraries	36
27.	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Distribution Libraries	38
28.	FMIDs Deleted	39
29.	SMP/E Options Subentry Values	61
30.	CNMJSMPA	64

31.	CNMJGCSI	67
32.	CNMJCSIS	69
33.	CNMJZDEF	72
34.	CNMJCSIA	75
35.	CNMJSMPE	81
36.	CNMJUCLN	83
37.	Which DDDEF Jobs to Run	85
38.	CNMJDDNJ	86
39.	CNMJDDPC	96
40.	CNMJDDMP	99
41.	CNMJDDMC	102
42.	CNMJALJU	106
43.	CNMJALJP	115
44.	CNMJALJE	126
45.	Which Receive Jobs to Run	137
46.	CNMJRC05	138
47.	CNMJRC25	141
48.	CNMJRC45	143
49.	CNMJRC55	146
50.	Which APPLY Jobs to Run	148
51.	CNMJAP05	150
52.	CNMJAP25	152
53.	CNMJAP45	154
54.	Sample DD Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB	156
55.	Sample DDDEF Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB	157
56.	CNMJDLT1	159
57.	CNMJDLT2	161
58.	NetView FMIDs to delete by Version/Release	163
59.	Additional delete logic	164
60.	Load Modules and Unresolved External References for HPZ8300	165
61.	Which ACCEPT Jobs to Run	166
62.	CNMJAC05	167
63.	CNMJAC25	169
64.	CNMJAC45	171
65.	Sample DD Statements for NLOADLIB, ABNJMOD1, and AOS27	173
66.	Sample DDDEF Statements for NLOADLIB, ABNJMOD1, and AOS27	173

Notices

References in this publication to Tivoli Systems or IBM products, programs, or services do not imply that they will be available in all countries in which Tivoli Systems or IBM operates. Any reference to these products, programs, or services is not intended to imply that only Tivoli Systems or IBM products, programs, or services can be used. Subject to Tivoli System's or IBM's valid intellectual property or other legally protectable right, any functionally equivalent product, program, or service can be used instead of the referenced product, program, or service. The evaluation and verification of operation in conjunction with other products, except those expressly designated by Tivoli Systems or IBM, are the responsibility of the user.

APAR numbers are provided in this document to assist in locating PTFs that may be required. Ongoing problem reporting may result in additional APARs being created. Therefore, the APAR lists in this document may not be complete. To obtain current service recommendations and to identify current product service requirements, always contact the IBM Customer Support Center.

Tivoli Systems or IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to the

International Business Machines Corporation
IBM Director of Licensing
500 Columbus Avenue
Thornwood, New York 10594
USA

For online versions of this book, we authorize you to:

- Copy, modify, and print the documentation contained on the media, for use within your enterprise, provided you reproduce the copyright notice, all warning statements, and other required statements on each copy or partial copy.
- Transfer the original unaltered copy of the documentation when you transfer the related IBM product (which may be either machines you own, or programs, if the program's license terms permit a transfer). You must, at the same time, destroy all other copies of the documentation.

You are responsible for payment of any taxes, including personal property taxes, resulting from this authorization.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some jurisdictions do not allow the exclusion of implied warranties, so the above exclusion may not apply to you.

Your failure to comply with the terms above terminates this authorization. Upon termination, you must destroy your machine readable documentation.

Trademarks

The following terms are trademarks of Tivoli Systems or IBM Corporation in the United States or other countries or both:

ACF/VTAM	VM/ESA
APPN	VTAM
C/2	DB2
C/370	Database 2
Extended Services	Open Edition
IBM	AIX
Micro Channel	Netfinity
MVS/ESA	RISC System/6000
NetView	RISC/6000
Operating System/2	POWERserver
OS/2	TME 10
OS/390	Tivoli
RACF	Tivoli Management Environment
System/370	Global Enterprise Manager
System/390	

The following terms, denoted by double asterisk (**), used in this document, are trademarks of other companies as follows:

- Microsoft Corporation
Microsoft
Windows
Windows NT
Windows 95
- Intel Corporation
386
486
Pentium
- Novell, Inc.
Novell
NetWare
- SUN Microsystems, Inc.
JAVA
Sun Solaris
Sparc

- Hewlett Packard Company
HP-UX
- X/Open Company Limited
UNIX

Other company, product, and service names mentioned in this document may be trademarks or servicemarks of others.

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 TME 10 NetView for OS/390. This publication refers to TME 10 NetView for OS/390 as TME 10 NetView for OS/390 Version 1 Release 2. You should read all of this program directory before installing the program and then keep it for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 8 identifies the basic and optional program materials and documentation for TME 10 NetView for OS/390 Version 1 Release 2.
- 3.0, "Program Support" on page 20 describes the IBM support available for TME 10 NetView for OS/390 Version 1 Release 2.
- 4.0, "Program and Service Level Information" on page 22 lists the APARs (program level) and PTFs (service level) incorporated into TME 10 NetView for OS/390 Version 1 Release 2.
- 5.0, "Installation Requirements and Considerations" on page 23 identifies the resources and considerations for installing and using TME 10 NetView for OS/390 Version 1 Release 2.
- 6.0, "Installation Instructions" on page 57 provides detailed installation instructions for TME 10 NetView for OS/390 Version 1 Release 2. It also describes the procedures for activating the functions of TME 10 NetView for OS/390 Version 1 Release 2, or refers to appropriate publications.
- Appendix A, "TME 10 NetView for OS/390 Version 1 Release 2 Install Logic" on page 175 provides the install logic for TME 10 NetView for OS/390 Version 1 Release 2.

Before installing TME 10 NetView for OS/390 Version 1 Release 2, read 3.2, "Preventive Service Planning" on page 20. 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 TME 10 NetView for OS/390 Version 1 Release 2 with an MVS Custom-Built Installation Process Offering (CBIPO), SystemPac, or ServerPac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the program directory as required.

If you are installing TME 10 NetView for OS/390 Version 1 Release 2 using the MVS Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), use the softcopy program directory provided on the CBPDO tape. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for TME 10 NetView for OS/390 Version 1 Release 2 are included on the CBPDO tape.

1.1 TME 10 NetView for OS/390 Version 1 Release 2 Description

TME 10 NetView for OS/390 Version 1 Release 2 (NetView for OS/390) combines the power of three key management products to deliver a single, integrated, and enhanced product that provides comprehensive network computing management. NetView for OS/390 provides:

- Network and system information to aid in quickly analyzing and resolving network computing problems
- Policy-driven, production-ready network automation to enhance problem resolution
- Dynamic topology and status across the enterprise for SNA and/or non-SNA resources
- Bidirectional management capability between S/390 and distributed environments when implemented with TME 10 Global Enterprise Manager
- Year 2000 support to protect your vital resource from turn-of-the-century impacts

Building on the rich functionality and strength of TME 10 NetView for OS/390, Release 2 provides these additional enhancements:

- Desktop independence so you can view your network resources graphically on a variety of JAVA desktops
- Protocol independence enabled by both TCP/IP and SNA connectivity between S/390 and distributed platforms
- TCP/IP management that includes command support, automated pro-active monitoring, thresholding, and resource and session management including correlation of SNA and TCP/IP session data
- Automation testing, additional flexibility through concatenation of automation tables, and additional robust functions which allow you to solve your enterprise management problems even more effectively
- Enhanced data management flexibility and access providing greater control and usage of your data through functions such as DB2 (SQL) access
- Web server access so that operators can access NetView for OS/390 and issue commands through a Web browser
- Extensive enhancements to PIPEs stages and functionality enabling quick and powerful ways to manipulate data
- Support for the Tivoli Management Agent extending your management control
- Extended management of NetWare and Tivoli Management Region networks resources

1.2 TME 10 NetView for OS/390 Version 1 Release 2 FMIDs

TME 10 NetView for OS/390 Version 1 Release 2 for PL/I and C/370 consists of the following FMIDs:

HPZ8300
JPZ8301
JPZ8302
JPZ8305
JPZ8306
JPZ8320
JPZ8325
HPZ8330
JPZ8340
JPZ8345
JPZ8346
JPZ8355

1.3 TME 10 NetView for OS/390 Version 1 Release 2 Ordering Options

When you ordered TME 10 NetView for OS/390 Version 1 Release 2 you specified three things:

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

The materials you received for TME 10 NetView for OS/390 Version 1 Release 2 contain functions associated with all installation options, High Level Language environment, and NLS choices.

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

Figure 1. Ordering Option Components

Component	Ordering Option		
	Unattended Option C/370	Procedural Option C/370	Graphical Enterprise Option C/370
NetView Unattended Base HPZ8300	x	x	x
NetView Unattended PL/I JPZ8301	x	x	x
NetView Unattended C/370 JPZ8302	x	x	x
NetView Unattended Japanese JPZ8305	x	x	x
NetView Unattended Methods JPZ8306	x	x	x
NetView Procedural Base JPZ8320		x	x
NetView Procedural Japanese JPZ8325		x	x
NetView C Runtime Language HPZ8330*			x
NetView Graphical Enterprise Base JPZ8340			x
NetView Graphical Enterprise Japanese JPZ8345			x
NetView Graphical Enterprise Methods JPZ8346			x
NetView Graphical Enterprise Workstation Japanese JPZ8355			x

* For installing FMID HPZ8330 refer to the NetView C Runtime Language Program Directory GI10-4811. FMID HPZ8330 is shipped on separate distribution media. If you are installing the Graphical Enterprise Option you **MUST** install HPZ8330 prior to or concurrently with JPZ8340.

HLL note

To install both NetView with C/370 support and NetView with LE/370 support on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both NetView with C/370 support and NetView with LE/370 support the same target and distribution zones, some features will not install correctly.

1.3.1 TME 10 NetView for OS/390 Version 1 Release 2 Installation Options

When you ordered TME 10 NetView for OS/390 Version 1 Release 2 you specified an appropriate option pertaining to the environment where you planned to use the product. The installation options are:

- Unattended
- Procedural
- Graphical Enterprise

The Unattended, Procedural, or Graphical Enterprise option was ordered through the use of unique feature numbers which specified the installation option as well as the High Level Language environments of C/370 or LE/370. For the Unattended, if you are not planning on using a High Level Language, then either environment is fine but the media feature codes specify one or the other.

The *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*, provides instructions to set the appropriate installation option during the administration phase of installation.

1.3.1.1 TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option

The Graphical Enterprise option provides all of the function of TME 10 NetView for OS/390 Version 1 Release 2, 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 Graphical Enterprise option provides the following functions in support of this environment:

- NetView Management Console
- 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)
- NetView MultiSystem Manager now included with TME 10 NetView for OS/390 Version 1 Release 2
- OS/390 Automated Operations Network now included with TME 10 NetView for OS/390 Version 1 Release 2

1.3.1.2 TME 10 NetView for OS/390 Version 1 Release 2 Procedural Option

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

- NetView Management Console
- NetView Graphic Monitor Facility
- NetView Graphic Monitor Facility Host Subsystem
- System Network Accounting and Topology Manager (SNATM)
- NetView MultiSystem Manager now included with TME 10 NetView for OS/390 Version 1 Release 2

Resource Object Data Manager (RODM) is now included in this installation option.

You can install the Procedural option from the Graphical Enterprise option libraries if you have a DSLO license. Refer to the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*, for complete instructions.

1.3.1.3 TME 10 NetView for OS/390 Version 1 Release 2 Unattended Option

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

Resource Object Data Manager (RODM) is now included in this installation option.

You can install the Unattended option from the Graphical Enterprise option libraries or the Procedural option libraries if you have a DSLO license. Refer to *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*, for complete instructions.

1.3.2 TME 10 NetView for OS/390 Version 1 Release 2 NLS Options

When you ordered TME 10 NetView for OS/390 Version 1 Release 2 you specified a language in which you want to run TME 10 NetView for OS/390 Version 1 Release 2. The NLS options for TME 10 NetView for OS/390 Version 1 Release 2 are:

- US English
- Japanese

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

NLS note

To install both NetView US English feature and NetView Japanese feature on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both the NetView US English feature and the NetView Japanese feature into the same target and distribution zones, some features will not install correctly.

2.0 Program Materials

An IBM program is identified by a program number and a feature number. The program number for TME 10 NetView for OS/390 Version 1 Release 2 is 5697-B82.

Basic Machine-Readable Materials are materials that are supplied under the base license and feature code, and are required for the use of the product. Optional Machine-Readable Materials are orderable under separate feature codes, and are not required for the product to function.

The program announcement material describes the features supported by TME 10 NetView for OS/390 Version 1 Release 2. Ask your IBM representative for this information if you have not already received a copy.

2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tape (written at 6250 BPI), 3480 cartridge, or 4mm cartridge. The tape or cartridge contains all the programs and data needed for installation. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions" on page 57 for more information about how to install the program.

Figure 2 describes the tape or cartridge. Figure 3 on page 9 describes the file content of the program tape or cartridge.

Note: If you are installing TME 10 NetView for OS/390 Version 1 Release 2 using the MVS Custom-Built Product Delivery Offering (CBPDO) (5751-CS3), some of the information in these figures may not be valid. Consult the CBPDO documentation for actual values.

2.1.1 Unattended Option for PL/I and C/370

Figure 2 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Option for PL/I and C/370 Japanese. Figure 3 on page 9 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

<i>Figure 2. Unattended Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM</i>				
Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5092	1	U 1/1 C VOLSER=JZ8300	JZ8300
3480 cart.	5093	1	U 1/1 C VOLSER=JZ8300	JZ8300
4mm tape	5094	1	U 1/1 C VOLSER=JZ8300	JZ8300
CDROM			LK3T-9614-00 NetView/390 CDROM	

Figure 3 (Page 1 of 2). Unattended Option for PL/land C/370 Japanese Program Tapes(s): File Content (6250 BPI, 3480 cart and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	1	SMPMCS	N/A	FB	80	8800
JZ8300	2	IBM.HPZ8300.F1	ACNMMAC1	FB	80	8800
JZ8300	3	IBM.HPZ8300.F2	ACNMINST	FB	80	8800
JZ8300	4	IBM.HPZ8300.F3	ACNMLINK ANVULIB	U	0	6144
JZ8300	5	IBM.HPZ8300.F4	ABNJPNL2 ACNMCLST ACNMPNL1 ACNMSAMP ADSIMSG1 ADSIOPEN ADSIPARM ADSIPRF ADUIMSG1	FB	80	8800
JZ8300	6	IBM.HPZ8300.F5	AEGVPS21	VB	256	6148
JZ8300	7	IBM.HPZ8300.F6	AEKGMOD1	U	0	6144
JZ8300	8	IBM.HPZ8300.F7	AEKGCAS1 AEKGLUTB AEKGSMP1	FB	80	8800
JZ8300	9	IBM.JPZ8301.F1	ACNMMAC1	FB	80	8800
JZ8300	10	IBM.JPZ8301.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	11	IBM.JPZ8302.F1	ACNMMAC1	FB	80	8800
JZ8300	12	IBM.JPZ8302.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	13	IBM.JPZ8305.F1	ACNMMAC1	FB	80	8800
JZ8300	14	IBM.JPZ8305.F2	ACNMMJPN	U	0	6144
JZ8300	15	IBM.JPZ8305.F3	AEKGLANG	FB	125	3125
JZ8300	16	IBM.JPZ8305.F4	ABNJPNL2 ABNJPNL3 ACNMPNL2 AEKGPL2 ADSIMSG1	FB	80	8800
JZ8300	17	IBM.JPZ8305.F5	AEGVPS21 AEGVPS22	VB	256	6148
JZ8300	18	IBM.JPZ8306.F1	ACNMMAC1	FB	80	8800

Figure 3 (Page 2 of 2). Unattended Option for PL/I and C/370 Japanese Program Tapes(s): File Content (6250 BPI, 3480 cart and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	19	IBM.JPZ8306.F2	AEKGSMP1	FB	80	8800
JZ8300	20	IBM.JPZ8306.F3	AEKGMOD1	U	0	6144

2.1.2 Procedural Option for PL/I and C/370

Figure 4 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 2 Procedural option for PL/I and C/370 Japanese. Figure 5 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Note: The Automated Operation Network component is included in the TME 10 NetView for OS/390 Version 1 Release 2 Procedural Option.

Figure 4. Procedural Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5086	1	P 1/2 C VOLSER=JZ8300	JZ8300
6250 tape	5086	2	P 2/2 C VOLSER=JZ8320	JZ8320
3480 cart.	5087	1	P 1/2 C VOLSER=JZ8300	JZ8300
3480 cart.	5087	2	P 2/2 C VOLSER=JZ8320	JZ8320
4mm tape	5088	1	P 1/2 C VOLSER=JZ8300	JZ8300
4mm tape	5088	2	P 2/2 C VOLSER=JZ8320	JZ8320
CDROM			LK3T-9614-00 NetView/390 CDROM	

Figure 5 (Page 1 of 3). Procedural Option for PL/I and C/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cart and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	1	SMPMCS	N/A	FB	80	8800
JZ8300	2	IBM.HPZ8300.F1	ACNMMAC1	FB	80	8800
JZ8300	3	IBM.HPZ8300.F2	ACNMINST	FB	80	8800
JZ8300	4	IBM.HPZ8300.F3	ACNMLINK ANVULIB	U	0	6144

Figure 5 (Page 2 of 3). Procedural Option for PL/I and C/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cart and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	5	IBM.HPZ8300.F4	ABNJPNL2 ACNMCLST ACNMPNL1 ACNMSAMP ADSIMSG1 ADSIOPEN ADSIPARM ADSIPRF ADUIMSG1	FB	80	8800
JZ8300	6	IBM.HPZ8300.F5	AEGVPS21	VB	256	6148
JZ8300	7	IBM.HPZ8300.F6	AEKGMOD1	U	0	6144
JZ8300	8	IBM.HPZ8300.F7	AEKGCAS1 AEKGLUTB AEKGSMP1	FB	80	8800
JZ8300	9	IBM.JPZ8301.F1	ACNMMAC1	FB	80	8800
JZ8300	10	IBM.JPZ8301.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	11	IBM.JPZ8302.F1	ACNMMAC1	FB	80	8800
JZ8300	12	IBM.JPZ8302.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	13	IBM.JPZ8305.F1	ACNMMAC1	FB	80	8800
JZ8300	14	IBM.JPZ8305.F2	ACNMMJPN	U	0	6144
JZ8300	15	IBM.JPZ8305.F3	AEKGLANG	FB	125	3125
JZ8300	16	IBM.JPZ8305.F4	ABNJPNL2 ABNJPNL3 ACNMPNL2 AEKGPNL2 ADSIMSG1	FB	80	8800
JZ8300	17	IBM.JPZ8305.F5	AEGVPS21 AEGVPS22	VB	256	6148
JZ8300	18	IBM.JPZ8306.F1	ACNMMAC1	FB	80	8800
JZ8300	19	IBM.JPZ8306.F2	AEKGSMP1	FB	80	8800
JZ8300	20	IBM.JPZ8306.F3	AEKGMOD1	U	0	6144
JZ8320	1	SMPMCS	N/A	FB	80	8800
JZ8320	2	IBM.JPZ8320.F1	ACNMSAMP ADSIPARM ACNMMAC1	FB	80	8800

Figure 5 (Page 3 of 3). Procedural Option for PL/I and C/370 Japanese Program Tape(s): File Content (6250 BPI, 3480 cart and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8320	3	IBM.JPZ8320.F2	AEZLINST	FB	80	8800
JZ8320	4	IBM.JPZ8320.F3	AEZLLINK	U	0	6144
JZ8320	5	IBM.JPZ8320.F4	AEZLCLST AEZLSAMP AEZLPNLU ADSIPARM ADSIPRF	FB	80	8800
JZ8320	6	IBM.JPZ8320.F5	AEGVPS21	VB	256	6148
JZ8320	7	IBM.JPZ8325.F1	ABNJPNL2 ABNJPNL3 ACNMPNL2 ACNMSAMP	FB	80	8800

2.1.3 Graphical Enterprise Installation Option for PL/I and C/370

Figure 6 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option for PL/I and C/370 Japanese. Figure 7 on page 13 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Note: The MultiSystem Manager component is included in the TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.

Figure 6 (Page 1 of 2). Graphical Enterprise Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5080	1	E 1/4 C VOLSER=JZ8300	JZ8300
6250 tape	5080	2	E 2/4 C VOLSER=JZ8320	JZ8320
6250 tape	5080	3	E 3/4 C VOLSER=JZ8340	JZ8340
6250 tape	5080	4	E 4/4 C VOLSER=JZ8355	JZ8355
3480 cart.	5081	1	E 1/4 C VOLSER=JZ8300	JZ8300
3480 cart.	5081	2	E 2/4 C VOLSER=JZ8320	JZ8320
3480 cart.	5081	3	E 3/4 C VOLSER=JZ8340	JZ8340

Figure 6 (Page 2 of 2). Graphical Enterprise Option for PL/I and C/370 Japanese Basic Material: Program Tape(s)/CDROM

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
3480 cart.	5081	4	E 4/4 C VOLSER=JZ8355	JZ8355
4mm tape	5082	1	E 1/4 C VOLSER=JZ8300	JZ8300
4mm tape	5082	2	E 2/4 C VOLSER=JZ8320	JZ8320
4mm tape	5082	3	E 3/4 C VOLSER=JZ8340	JZ8340
4mm tape	5082	4	E 4/4 C VOLSER=JZ8355	JZ8355
CDROM			LK3T-9614-00 NetView/390 CDROM	

Figure 7. Graphical Enterprise Option for C/370 and PL/I Japanese Program Tape(s): (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	1	SMPMCS	N/A	FB	80	8800
JZ8300	2	IBM.HPZ8300.F1	ACNMMAC1	FB	80	8800
JZ8300	3	IBM.HPZ8300.F2	ACNMINST	FB	80	8800
JZ8300	4	IBM.HPZ8300.F3	ACNMLINK ANVULIB	U	0	6144
JZ8300	5	IBM.HPZ8300.F4	ABNJPNL2 ACNMCLST ACNMPNL1 ACNMSAMP ADSIMSG1 ADSIOPEN ADSIPARM ADSIPRF ADUIMSG1	FB	80	8800
JZ8300	6	IBM.HPZ8300.F5	AEGVPS21	VB	256	6148
JZ8300	7	IBM.HPZ8300.F6	AEKGMOD1	U	0	6144
JZ8300	8	IBM.HPZ8300.F7	AEKGCAS1 AEKGLUTB AEKGSMP1	FB	80	8800
JZ8300	9	IBM.JPZ8301.F1	ACNMMAC1	FB	80	8800
JZ8300	10	IBM.JPZ8301.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	11	IBM.JPZ8302.F1	ACNMMAC1	FB	80	8800

Figure 7. Graphical Enterprise Option for C/370 and PL/I Japanese Program Tape(s): (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8300	12	IBM.JPZ8302.F2	ACNMLINK AEKGMOD1	U	0	6144
JZ8300	13	IBM.JPZ8305.F1	ACNMMAC1	FB	80	8800
JZ8300	14	IBM.JPZ8305.F2	ACNMMJPN	U	0	6144
JZ8300	15	IBM.JPZ8305.F3	AEKGLANG	FB	125	3125
JZ8300	16	IBM.JPZ8305.F4	ABNJPNL2 ABNJPNL3 ACNMPNL2 AEKGPNL2 ADSIMSG1	FB	80	8800
JZ8300	17	IBM.JPZ8305.F5	AEGVPS21 AEGVPS22	VB	256	6148
JZ8300	18	IBM.JPZ8306.F1	ACNMMAC1	FB	80	8800
JZ8300	19	IBM.JPZ8306.F2	AEKGSMP1	FB	80	8800
JZ8300	20	IBM.JPZ8306.F3	AEKGMOD1	U	0	6144
JZ8320	1	SMPMCS	N/A	FB	80	8800
JZ8320	2	IBM.JPZ8320.F1	ACNMSAMP ADSIPARM ACNMMAC1	FB	80	8800
JZ8320	3	IBM.JPZ8320.F2	AEZLINST	FB	80	8800
JZ8320	4	IBM.JPZ8320.F3	AEZLLINK	U	0	6144
JZ8320	5	IBM.JPZ8320.F4	AEZLCLST AEZLSAMP AEZLPNLU ADSIPARM ADSIPRF	FB	80	8800
JZ8320	6	IBM.JPZ8320.F5	AEGVPS21	VB	256	6148
JZ8320	7	IBM.JPZ8325.F1	ABNJPNL2 ABNJPNL3 ACNMPNL2 ACNMSAMP	FB	80	8800
JZ8340	1	SMPMCS	N/A	FB	80	8800
JZ8340	2	IBM.JPZ8340.F1	ACNMMAC1	FB	80	8800
JZ8340	3	IBM.JPZ8340.F2	ACNMLINK	U	0	6144

Figure 7. Graphical Enterprise Option for C/370 and PL/I Japanese Program Tape(s): (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	Dist Library	RECFM	LRECL	BLK SIZE
JZ8340	4	IBM.JPZ8340.F3	ACNMCLST ACNMSAMP ADSIPARM ADSIPRF	FB	80	8800
JZ8340	5	IBM.JPZ8340.F4	AEGVPS21	VB	256	6148
JZ8340	6	IBM.JPZ8340.F5	AFLBDAT1	VB	1028	23648
JZ8340	7	IBM.JPZ8345.F1	AEGVPS21 AEGVPS22	VB	256	6148
JZ8340	8	IBM.JPZ8346.F1	ACNMMAC1	FB	80	8800
JZ8340	9	IBM.JPZ8346.F2	ACNMSAMP	FB	80	8800
JZ8340	10	IBM.JPZ8346.F3	ACNMLINK	U	0	6144
JZ8355	1	SMPMCS	N/A	FB	80	8800
JZ8355	2	IBM.JPZ8355.F1	AEGVPS21 AEGVPS22	VB	256	6148

2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for TME 10 NetView for OS/390 Version 1 Release 2.

2.3 Program Publications

The following sections identify the basic and optional publications for TME 10 NetView for OS/390 Version 1 Release 2.

2.3.1 Basic Program Publications

Figure 9 on page 16 identifies the basic unlicensed program publications for TME 10 NetView for OS/390 Version 1 Release 2. One copy of each of these publications is included when you order the basic materials for TME 10 NetView for OS/390 Version 1 Release 2. For additional copies, contact your IBM representative.

<i>Figure 8. Basic Material: Licensed Publications</i>	
Publication Title	Form Number
<i>TME 10 NetView for OS/390 Diagnosis Guide</i>	LY43-0108
<i>TME 10 NetView for OS/390 Online Library</i>	LK2T-9133

<i>Figure 9 (Page 1 of 2). Basic Material: Unlicensed Publications</i>	
Publication Title	Form Number
<i>TME 10 NetView for OS/390 Licensed Program Specifications</i>	GC31-8235
<i>TME 10 NetView for OS/390 Administration Reference</i>	SC31-8222
<i>TME 10 NetView for OS/390 Security Reference</i>	SC31-8606
<i>TME 10 NetView for OS/390 Installation and Administration Guide</i>	SC31-8236
<i>TME 10 NetView for OS/390 Planning Guide</i>	GC31-8226
<i>TME 10 NetView for OS/390 User's Guide</i>	GC31-8241
<i>TME 10 NetView for OS/390 Tuning Guide*</i>	SC31-8240
<i>TME 10 NetView for OS/390 Tutorial</i>	SK2T-6097
<i>TME 10 NetView for OS/390 Application Programming Guide</i>	SC31-8223
<i>TME 10 NetView for OS/390 Automation Guide</i>	SC31-8225
<i>TME 10 NetView for OS/390 Command Reference</i>	SC31-8227
<i>TME 10 NetView for OS/390 Messages</i>	SC31-8237
<i>TME 10 NetView for OS/390 Customization Guide</i>	SC31-8228
<i>TME 10 NetView for OS/390 Customization: Using Assembler</i>	SC31-8229
<i>TME 10 NetView for OS/390 Customization: Using PL/I and C</i>	SC31-8230
<i>TME 10 NetView for OS/390 Customization: Using REXX and the NetView Command List Language</i>	SC31-8231
<i>TME 10 NetView for OS/390 Data Model Reference</i>	SC31-8232
<i>TME 10 NetView for OS/390 RODM & GMFHS Programming Guide</i>	SC31-8233
<i>TME 10 NetView for OS/390 Bridge Implementation</i>	SC31-8238
<i>TME 10 NetView for OS/390 Customization: Using Pipes</i>	SC31-8248
<i>TME 10 NetView for OS/390 AON User's Guide</i>	GC31-8661
<i>TME 10 NetView for OS/390 AON Customization Guide</i>	SC31-8662
<i>TME 10 NetView for OS/390 APPN Topology and Accounting Agent</i>	SC31-8224
<i>TME 10 NetView for OS/390 NGMF User's Guide</i>	GC31-8234
<i>TME 10 NetView for OS/390 SNA Topology Implementation</i>	SC31-8239

<i>Figure 9 (Page 2 of 2). Basic Material: Unlicensed Publications</i>	
Publication Title	Form Number
<i>TME 10 NetView for OS/390 NetView Management Console User's Guide</i>	GC31-8665
<i>TME 10 NetView for OS/390 MultiSystem Manager User's Guide</i>	GC31-8607
* When available	

2.4 Other Materials

<i>Figure 10. Materials Useful During Installation</i>	
Publication Title	Form Number
<i>TME 10 NetView for OS/390 Version 1 Release 2 Online Help</i>	Softcopy
<i>TME 10 NetView for OS/390 Version 1 Release 2 Demonstration</i>	Softcopy

Additional TME 10 NetView for OS/390 Version 1 Release 2 reference material can be located as follows:

- For an overview of Tivoli network computing products, and a link to the TME 10 NetView for OS/390 Version 1 Release 2 home page, visit the following Internet World-Wide Web site(s):
<http://www.tivoli.com/>
and
http://www.tivoli.com/n_nv390/nv390home.html
- To access TME 10 NetView for OS/390 Version 1 Release 2 tools that can be downloaded, visit the following Web site:
http://www.tivoli.com/z_nv390/tools.html

Additional TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager reference material can be located as follows:

- The FLCVREAD member in NETVIEW.V1R2M0.CNMSAMP provides information on setup and use of the BLDVIEWS application and also provides instructions for accessing MultiSystem Manager informal documentation.
- To learn more about TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager and view sample graphic displays visit the following Web site:
http://www.tivoli.com/o_products/html/body_man_dist_env.html
- Documentation and tools for building a MultiSystem Manager Open Topology Interface agent application can be uploaded from an Internet Web browser by pointing to the TME 10 NetView for OS/390 Version 1 Release 2 Tools Download page at:
http://www.tivoli.com/z_nv390/tools.html
and then selecting downloads from the MSMT00LK package.

- The following documentation and tools will help you create workstation-based MultiSystem Manager topology agents:
 - *TME 10 NetView for OS/390 MultiSystem Manager: Topology Agents Developer's Toolkit*
 - *TME 10 NetView for OS/390 MultiSystem Manager: Topology Agents Developer's Guide*
 - *TME 10 NetView for OS/390 MultiSystem Manager: Sample Topology Agent*
 - *TME 10 NetView for OS/390 MultiSystem Manager: Topology Application Developer's Flowchart*
 - *TME 10 NetView for OS/390 MultiSystem Manager: Sample MVS Topology Manager*
- Tools and selected patches for MultiSystem Manager agents can be downloaded from an FTP site. Use the ANONYMOUS password at:
<ftp://ftp.tivoli.com/>
and look in the following directory:
<ftp://ftp.tivoli.com/pub/support/netview390/msm/>
Files can also be uploaded from this FTP site by pointing your Web browser at:
<ftp://ftp.tivoli.com/pub/support/netview390/msm/>
opening a file and saving it to disk.

2.5 Program Source Materials

No program source materials or viewable program listings are provided for TME 10 NetView for OS/390 Version 1 Release 2.

2.6 Publications Useful During Installation

<i>Figure 11. Publications Useful During Installation</i>	
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

3.0 Program Support

This section describes the IBM support available for TME 10 NetView for OS/390 Version 1 Release 2.

3.1 Program Services

Contact your IBM representative for specific information about available program services.

3.2 Preventive Service Planning

Before installing TME 10 NetView for OS/390 Version 1 Release 2, you should review the current Preventive Service Planning (PSP) information. If you obtained TME 10 NetView for OS/390 Version 1 Release 2 as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO tape.

If you obtained TME 10 NetView for OS/390 Version 1 Release 2 on a product tape, or if the CBPDO is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for TME 10 NetView for OS/390 Version 1 Release 2 are:

Figure 12. PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
TME10NETV120	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306	Unattended PL/I and C/370
TME10NETV120	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325	Procedural PL/I and C/370
TME10NETV120	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325 HPZ8330 JPZ8340 JPZ8345 JPZ8346 JPZ8355	Graphical Enterprise PL/I and C/370

3.3 Statement of Support Procedures

Report any difficulties you have using this program to your IBM Support Center. If an APAR is required, the Support Center will provide the address to which any needed documentation can be sent.

Figure 13 on page 21 identifies the component IDs (COMPID) for TME 10 NetView for OS/390 Version 1 Release 2.

<i>Figure 13. Component IDs</i>			
FMID	COMPID	Component Name	RETAIN Release
HPZ8300	5697B8200	NetView Unattended Base	300
JPZ8301	5697B8200	NetView Unattended PL/I	301
JPZ8302	5697B8200	NetView Unattended C/370	302
JPZ8305	5697B8200	NetView Unattended Japanese	305
JPZ8306	5697B8200	NetView Unattended Methods	306
JPZ8320	5697B8200	NetView Procedural Base	320
JPZ8325	5697B8200	NetView Procedural Japanese	325
HPZ8330	5697B8202	NetView C Runtime Language	330
JPZ8340	5697B8200	NetView Graphical Enterprise Base	340
JPZ8345	5697B8200	NetView Graphical Enterprise Japanese	345
JPZ8346	5697B8200	NetView Graphical Enterprise Methods	346
JPZ8355	5697B8200	NetView Graphical Enterprise Workstation Japanese	355

4.0 Program and Service Level Information

This section identifies the program and any relevant service levels of TME 10 NetView for OS/390 Version 1 Release 2. 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.

4.1 Program Level Information

Appendix B, "Program Level Information" on page 176 lists the APAR fixes for previous releases of NetView that have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2.

4.2 Service Level Information

No PTFs against this release of TME 10 NetView for OS/390 Version 1 Release 2 have been incorporated into the product tape.

4.3 Cumulative Service Tape

A cumulative service tape, containing PTFs not incorporated into this release, might be included with this program. Installation instructions for cumulative service tapes can be found in the SMP/E publications.

If you received this product as part of a CBPDO or a ProductPac, PTFs not incorporated into this release are provided on the tape, and a separate cumulative service tape will not be provided.

5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating TME 10 NetView for OS/390 Version 1 Release 2. The following terminology is used:

- *Driving system*: the system used to install the program.
- *Target system*: the system on which the program is installed.

In many cases, the same system can be used as both a driving system and a target system. However, you may want to set up a clone of your system to use as a target system by making a separate IPL-able copy of the running system. The clone should include copies of all system libraries that SMP/E updates, copies of the SMP/E CSI data sets that describe the system libraries, and your PARMLIB and PROCLIB.

Some cases where two systems should be used include the following:

- When installing a new level of a product that is already installed, the new product will delete the old one. By installing onto a separate target system, you can test the new product while still keeping the old one in production.
- When installing a product that shares libraries or load modules with other products, the installation can disrupt the other products. Installing onto a test system or clone will allow you to assess these impacts without disrupting your production system.

Figure 14 shows the Unattended High Level Language options and their components.

<i>Figure 14. High Level Language Options for Unattended</i>		
High Level Language Ordering Option	Components	FMIDs
Unattended PL/I and C/370	NetView Unattended Base	HPZ8300
	NetView Unattended PL/I	JPZ8301
	NetView Unattended C/370	JPZ8302
	NetView Unattended Japanese	JPZ8305
	NetView Unattended Methods	JPZ8306

5.1 Driving System Requirements

This section describes the environment of the driving system required to install TME 10 NetView for OS/390 Version 1 Release 2.

5.1.1 Machine Requirements

The driving system can run in any hardware environment that supports the required software.

5.1.2 Programming Requirements

Figure 15. Driving System Software Requirements

Program Number	Product Name and Minimum VRM/Service Level
5668-949	System Modification Program/Extended (SMP/E) Release 1.8 or higher
5655-068	MVS/ESA SP-JES2 Version 5 Release 2.2 or higher or
5655-069	MVS/ESA SP-JES3 Version 5 Release 2.2 or higher

5.2 Target System Requirements

This section describes the environment of the target system required to install and use TME 10 NetView for OS/390 Version 1 Release 2.

5.2.1 Machine Requirements

The target system can run in any hardware environment that supports the required software.

5.2.2 Programming Requisites

5.2.2.1 Minimum Requisites

A minimum requisite is defined as one of the following:

1. *Installation Requisite:* A product that is required at installation time. i.e. this product **will not install** successfully unless this requisite is met. This includes products that are specified as REQs, PREs, or CALLLIBs.
2. *Run Time Requisite:* A product that is **not** required for the successful installation of this product, but **is** needed at run time in order for this product to work.

Figure 16 (Page 1 of 2). Minimum Requisites

Program Number	Product Name and Minimum VRM/Service Level	Install Req?
5655-068	MVS/ESA SP-JES2 Version 5 Release 2.2 or higher	Yes
Or		
5655-069	MVS/ESA SP-JES3 Version 5 Release 2.2 or higher	Yes
And all of the following:		
5685-085	ACF/VTAM Version 4 Release 3 for MVS/ESA or later	Yes
5668-854	ACF/NCP Version 4 or later	Yes

Figure 16 (Page 2 of 2). Minimum Requisites

Program Number	Product Name and Minimum VRM/Service Level	Install Req?
5685-025	TSO/E Version 2 Release 5 or later (for REXX interpreter)	Yes
5668-949	SMP/E Release 8 or later	Yes
5668-911	PL/I Version 2 or later	Yes

5.2.2.2 Functional Requisites

A functional requisite is defined as a product that is *not* required for the successful installation of this product or for the base function of the product, but *is* needed at run time for a specific function of this product to work. This includes products that are specified as IF REQs.

Figure 17 (Page 1 of 2). Functional Requisites for AON

Function	Program Number	Product Name and Minimum VRM/Service Level	Install Req?
Compile AON REXX Clists	5695-014	IBM Compiler for SAA REXX/370 R3	run
Set Automation In Progress Status	5697-B82	TME 10 for OS/390 MultiSystem Manager	run
AON Reporting Facility	5668-911	PL/I V2 Runtime Libraries	run
AON Reporting Facility	5668-911	PL/I V2 Compiler and Libraries	run
TCP Automation	5655-HAL	IBM TCP/IP for MVS/ESA V3R2 with PTF UQ17350 or higher	run
TCP Automation	5621-107 - 5765-247 - 5765-582	AIX NetView Service Point V1R2.2 with PTF U440307 or AIX SNA Server/6000 V2.2 with PTF U440318 or AIX SNA Server/6000 V3.1 for AIX V4	run
LAN Automation	5871-AAA, 7801	LAN NetWork Manager 2.0 with CSD UR44997	run
LAN Automation	74F5-538	LNM 1.1 with PTFs UR40623 for LNM and UR40624 for LNM/E	run

Figure 17 (Page 2 of 2). Functional Requisites for AON

Function	Program Number	Product Name and Minimum VRM/Service Level	Install Req?
LAN Automation	5871-AAA, 6485	Communications Manager/2 with SPA and ROPs and PTFs JR07896 and JR07726	run
Any one of the following:			
	5695-014	IBM Library for SAA* REXX/370 Release 3 (FMID HWJ9130)	No
		REXX Alternate Library (FMID HWJ9133) US English shipped with TME 10 NetView for OS/390	No
		(REXX Alternate Library (FMID JWJ9134) Japan Japanese REXX Alternate Library (FMID HWJ9133) US English)	No

Notes:

1. If you are running AON LAN Automation feature with LNM 2.0 with MultiPort Bridges in your network, your MultiPort Bridges must be running RouteXpander V2.0.4 (or later) with MultiPort Program Support CSD IP20407.
2. The IBM Compiler for SAA REXX/370 R3(or higher) is required at runtime for NetView and Automated Operations Network(AON) REXX Command Lists.
3. The REXX programs for MultiSystem Manager have been compiled with the ALTERNATE option. If you access the REXX library from NetView, the MultiSystem Manager REXX programs are run in compiled mode. Otherwise, the REXX alternate library is used and the MultiSystem Manager REXX programs are run in interpreted mode.

Your MVS environment must be modified so that the REXX data set you are using (either SEAGLMD or SEAGALT) is APF-authorized. Edit your APF member in SYS1.PARMLIB and add the REXX data set (SEAGLMD or SEAGALT) if it is not already there. Re-IPL MVS if necessary. If your system is set up to use dynamic APF services, you can avoid re-IPLing MVS by using the SETPROG command to dynamically update the APF list. Refer to the Initialization and Tuning Reference for your MVS system for more information on authorizing datasets.

4. The REXX program which starts the TSO server from NetView has been compiled with the ALTERNATE option. If you access the REXX library from NetView, this program is run in compiled mode. Otherwise, the REXX alternate library is used and the program is run in interpreted mode.

The TSO server jobs themselves are batch TSO jobs which should be set up to access the REXX library so that the TSO server REXX program will run in compiled mode. Otherwise, the REXX alternate library is used and the server will run in interpreted mode.

5. The UNIX* server REXX programs have been compiled with the ALTERNATE option. If the REXX library is accessed from UNIX/390, the UNIX server REXX programs are run in compiled mode. Otherwise, the REXX alternate library is used and the UNIX server programs are run in interpreted mode.

5.2.3 DASD Storage Requirements

TME 10 NetView for OS/390 Version 1 Release 2 libraries can reside on 3390 DASD.

Figure 18 lists the total space required for each type of library.

<i>Figure 18. Total DASD Space Required by TME 10 NetView for OS/390 Version 1 Release 2</i>	
Library Type	Total Space Required
Target	478 cyls.
Distribution	495 cyls.

Notes:

1. The data set sizes specified contain 15% extra space. You may wish to revise these numbers based on your plans for adding additional function or service.
2. IBM recommends use of system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32760, which is the most efficient from a performance and DASD utilization perspective.

If you choose not to use system determined block sizes, use the block sizes and numbers of blocks specified to allocate the data sets. Data sets can be reblocked to a larger size. Please note that the maximum allowable block size will depend on the type of DASD on which the dataset will reside; for example, the block size of datasets on a 3350 DASD cannot exceed 19,069.

3. Abbreviations used for the data set type are:

U Unique data set used by only the FMIDs listed. In order to determine the correct storage needed for this data set, this table provides all required information; no other tables (or program directories) need to be referenced for the data set size.

S Shared data set used by more than the FMIDs listed. In order to determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.

If you currently have a previous release of this product installed in these libraries, the installation of this release will delete the old one and reclaim the space used by the old release and any service that had been installed. You can determine whether or not these libraries have enough space by deleting

the old release with a dummy function, compressing the libraries, and comparing the space requirements with the free space in the libraries.

For more information on the names and sizes of the required data sets, please refer to 6.1.6, "Allocate SMP/E Target and Distribution Libraries" on page 104.

Figure 19 on page 29 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 19. Storage Requirements for SMPCSI Data Sets for SMP/E for TME 10 NetView for OS/390 Version 1 Release 2 Unattended

DASD	Cylinders Required for SMPCSI Data	Tracks Required for SMPCSI Index
3390	120	90

Figure 20. Storage Requirements for SMP/E Work Data Sets

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SMPWRK1	S	PO	FB	80	300,150	6160	15
SMPWRK2	S	PO	FB	80	600,200	6160	15
SMPWRK3	S	PO	FB	80	1200,400	3200	90
SMPWRK4	S	PO	FB	80	1800,200	3200	15
SMPWRK6	S	PO	FB	80	6000,600	3200	350
SYSUT1	U	PS	--	--	900,200	1700	0
SYSUT2	U	PS	--	--	600,100	1700	0
SYSUT3	U	PS	--	--	600,100	1700	0
SYSUT4	U	PS	--	--	600,100	1700	0

The following table provides an estimate of the storage needed in the SMP/E data sets for TME 10 NetView for OS/390 Version 1 Release 2. The estimates must be added to those of any other programs and service being installed to determine the total additional storage requirements.

Figure 21. Storage Requirements for SMP/E Data Sets

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SMPLTS	S	PO	U	0	5000,100	6144	50
SMPMTS	S	PO	FB	80	40,10	8800	25
SMPPTS	S	PO	FB	80	400,10	8800	25
SMPSCDS	S	PO	FB	80	300,10	8800	200
SMPSTS	S	PO	FB	80	40,10	8800	25

The following figures list the target and distribution libraries (data sets) and their attributes required to install TME 10 NetView for OS/390 Version 1 Release 2. The storage requirements of TME 10 NetView for OS/390 Version 1 Release 2 must be added to the storage required by other programs having data in the same data set (library).

Figure 22. Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Target Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SBNJPNL3	EU	PO	FB	80	93	8800	1
BNJPNL2	EU	PO	FB	80	6	8800	1
CNMCLST	EU	PO	FB	80	647	8800	15
CNMINST	EU	PO	FB	80	74	8800	3
CNMLINK	EU	PO	U	0	2938	6144	145
CNMPNL1	EU	PO	FB	80	28	8800	1
CNMSAMP	EU	PO	FB	80	663	8800	20
DSIPARM	EU	PO	FB	80	106	8800	5
DSIPRF	EU	PO	FB	80	7	8800	1
SDSIOPEN	EU	PO	FB	80	8	8800	1
SEGVPS21	EU	PO	VB	256	5066	6148	3
SEKGMOD1	EU	PO	U	0	396	6144	6
SEKGMOD2	EU	PO	U	0	116	6144	3
SEKGLNK1	EU	PO	U	0	5	6144	1
SEKGLUTB	EU	PO	FB	80	1	8800	1
SEKGCAS1	EU	PO	FB	80	1	8800	1
SEKGLANG	EU	PO	FB	125	15	3125	1
SEKGSMP1	EU	PO	FB	80	360	8800	7
SEKGPNL2	EU	PO	FB	80	13	8800	2
SCNMMAC1	NU	PO	FB	80	714	8800	13
NVULIB	EU	PO	U	0	29	6144	6
SCNMLNK1	EU	PO	U	0	2	6144	1
SCNMLPA1	EU	PO	U	0	7	6144	2
SDSIMSG1	EU	PO	FB	80	58	8800	1
SDUIMSG1	EU	PO	FB	80	5	8800	1
SCNMPNL2	EU	PO	FB	80	34	8800	1
SEGVPS22	EU	PO	VB	256	32	6148	1
SCNMMJPN	EU	PO	U	0	71	6144	10

Figure 23. Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Unattended Distribution Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
ABNJPNL3	EU	PO	FB	80	93	8800	1
ABNJPNL2	EU	PO	FB	80	6	8800	1
ACNMCLST	EU	PO	FB	80	635	8800	15
ACNMINST	EU	PO	FB	80	74	8800	3
ACNMLINK	EU	PO	U	0	4815	6144	547
ACNMPNL1	EU	PO	FB	80	35	8800	1
ACNMSAMP	EU	PO	FB	80	608	8800	20
ADSIPARM	EU	PO	FB	80	106	8800	5
ADSIPRF	EU	PO	FB	80	7	8800	1
ADSIOPEN	EU	PO	FB	80	8	8800	1
AEGVPS21	EU	PO	VB	256	5066	6148	3
ADSIMSG1	EU	PO	FB	80	58	8800	1
ADUIMSG1	EU	PO	FB	80	5	8800	1
AEKGMOD1	EU	PO	U	0	626	6144	58
AEKGLUTB	EU	PO	FB	80	1	8800	1
AEKGCAS1	EU	PO	FB	80	1	8800	1
AEKGLANG	EU	PO	FB	125	15	3125	1
AEKGSMP1	EU	PO	FB	80	360	8800	7
AEKGPNL2	EU	PO	FB	80	13	8800	2
ACNMMAC1	NU	PO	FB	80	714	8800	13
ANVULIB	EU	PO	U	0	29	6144	6
ACNMPNL2	EU	PO	FB	80	28	8800	1
AEGVPS22	EU	PO	VB	256	32	6148	1
ACNMMJPN	EU	PO	U	0	71	6144	8

Figure 24 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2
Procedural Target Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SBNJPNL3	EU	PO	FB	80	2263	8800	232
BNJPNL2	EU	PO	FB	80	46	8800	5
CNMCLST	EU	PO	FB	80	647	8800	15
CNMINST	EU	PO	FB	80	74	8800	3
CNMLINK	EU	PO	U	0	2938	6144	145
CNMPNL1	EU	PO	FB	80	28	8800	1
CNMSAMP	EU	PO	FB	80	1562	8800	20
DSIPARM	EU	PO	FB	80	377	8800	15
DSIPRF	EU	PO	FB	80	8	8800	1
SDSIOPEN	EU	PO	FB	80	8	8800	1
SEGVPS21	EU	PO	VB	256	5128	6148	3
SEKGMOD1	EU	PO	U	0	396	6144	6
SEKGMOD2	EU	PO	U	0	116	6144	3
SEKGLNK1	EU	PO	U	0	5	6144	1
SEKGLUTB	EU	PO	FB	80	1	8800	1
SEKGCAS1	EU	PO	FB	80	1	8800	1
SEKGLANG	EU	PO	FB	125	15	3125	1
SEKGSMP1	EU	PO	FB	80	360	8800	7
SEKGPNL2	EU	PO	FB	80	13	8800	2
SCNMMAC1	NU	PO	FB	80	714	8800	13
NVULIB	EU	PO	U	0	29	6144	6
SCNMLNK1	EU	PO	U	0	2	6144	1
SCNMLPA1	EU	PO	U	0	7	6144	2
SDSIMSG1	EU	PO	FB	80	58	8800	1
SDUIMSG1	EU	PO	FB	80	5	8800	1
SEGVPS22	EU	PO	VB	256	32	6148	1
SCNMPNL2	EU	PO	FB	80	2855	8800	126
SCNMMJPN	EU	PO	U	0	71	6144	10
SEZLCLST	NU	PO	FB	80	3211	8800	32

Figure 24 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2
Procedural Target Libraries

Library DDNAME	T Y P E	D S R G	R E F M	L R C L	No. of Blks	BLK SIZE	No. of DIR Blks
SEZLINST	NU	PO	FB	80	12	8800	1
SEZLPNLU	NU	PO	FB	80	666	8800	62
SEZLSAMP	NU	PO	FB	80	69	8800	2
SEZLLINK	NU	PO	U	0	196	6144	8

Figure 25. Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Procedural Distribution Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
ABNJPNL3	EU	PO	FB	80	2263	8800	232
ABNJPNL2	EU	PO	FB	80	46	8800	5
ACNMCLST	EU	PO	FB	80	635	8800	15
ACNMINST	EU	PO	FB	80	74	8800	3
ACNMLINK	EU	PO	U	0	4815	6144	547
ACNMPNL1	EU	PO	FB	80	35	8800	1
ACNMSAMP	EU	PO	FB	80	1507	8800	20
ADSIPARM	EU	PO	FB	80	377	8800	15
ADSIPRF	EU	PO	FB	80	8	8800	1
ADSIOPEN	EU	PO	FB	80	8	8800	1
AEGVPS21	EU	PO	VB	256	5128	6148	3
ADSIMSG1	EU	PO	FB	80	58	8800	1
ADUIMSG1	EU	PO	FB	80	5	8800	1
AEKGMOD1	EU	PO	U	0	626	6144	58
AEKGLUTB	EU	PO	FB	80	1	8800	1
AEKGCAS1	EU	PO	FB	80	1	8800	1
AEKGLANG	EU	PO	FB	125	15	3125	1
AEKGSMP1	EU	PO	FB	80	360	8800	7
AEKGPL2	EU	PO	FB	80	13	8800	2
ACNMMAC1	NU	PO	FB	80	714	8800	13
ANVULIB	EU	PO	U	0	29	6144	6
AEGVPS22	EU	PO	VB	256	32	6148	1
ACNMPNL2	EU	PO	FB	80	2846	8800	126
ACNMMJPN	EU	PO	U	0	71	6144	8
AEZLCLST	NU	PO	FB	80	3193	8800	32
AEZLINST	NU	PO	FB	80	12	8800	1
AEZLPNLU	NU	PO	FB	80	673	8800	62
AEZLSAMP	NU	PO	FB	80	69	8800	2
AEZLLINK	NU	PO	U	0	171	6144	14

Figure 26 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Target Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SBNJPNL3	EU	PO	FB	80	2263	8800	232
BNJPNL2	EU	PO	FB	80	46	8800	5
CNMCLST	EU	PO	FB	80	1014	8800	19
CNMINST	EU	PO	FB	80	74	8800	3
CNMLINK	EU	PO	U	0	4563	6144	151
CNMPNL1	EU	PO	FB	80	28	8800	1
CNMSAMP	EU	PO	FB	80	2650	8800	27
DSIPARM	EU	PO	FB	80	417	8800	16
DSIPRF	EU	PO	FB	80	10	8800	2
SDSIOPEN	EU	PO	FB	80	8	8800	1
SEGVPS21	EU	PO	VB	256	25811	6148	12
SEKGMOD1	EU	PO	U	0	396	6144	6
SEKGMOD2	EU	PO	U	0	575	6144	18
SEKGLNK1	EU	PO	U	0	5	6144	1
SEKGLUTB	EU	PO	FB	80	1	8800	1
SEKGCAS1	EU	PO	FB	80	1	8800	1
SEKGLANG	EU	PO	FB	125	15	3125	1
SEKGSMP1	EU	PO	FB	80	360	8800	7
SEKGPNL2	EU	PO	FB	80	13	8800	2
SCNMMAC1	NU	PO	FB	80	738	8800	13
NVULIB	EU	PO	U	0	29	6144	6
SCNMLNK1	EU	PO	U	0	2	6144	1
SCNMLPA1	EU	PO	U	0	7	6144	2
SDSIMSG1	EU	PO	FB	80	58	8800	1
SDUIMSG1	EU	PO	FB	80	5	8800	1
SFLBDAT1	EU	PO	VB	1028	16	23648	2
SEGVPS22	EU	PO	VB	256	95	6148	1
SCNMPNL2	EU	PO	FB	80	2855	8800	126
SCNMMJPN	EU	PO	U	0	71	6144	10

Figure 26 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Target Libraries

Library DDNAME	T Y P E	D S R G	R E F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
SEZLCLST	NU	PO	FB	80	3211	8800	32
SEZLINST	NU	PO	FB	80	12	8800	1
SEZLPNLU	NU	PO	FB	80	666	8800	62
SEZLSAMP	NU	PO	FB	80	69	8800	2
SEZLLINK	NU	PO	U	0	196	6144	8

Figure 27 (Page 1 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Distribution Libraries

Library DDNAME	T Y P E	D S R G	R E C F M	L R E C L	No. of Blks	BLK SIZE	No. of DIR Blks
ABNJPNL3	EU	PO	FB	80	2263	8800	232
ABNJPNL2	EU	PO	FB	80	46	8800	5
ACNMCLST	EU	PO	FB	80	994	8800	19
ACNMINST	EU	PO	FB	80	74	8800	3
ACNMLINK	EU	PO	U	0	6469	6144	577
ACNMPNL1	EU	PO	FB	80	35	8800	1
ACNMSAMP	EU	PO	FB	80	2594	8800	27
ADSIPARM	EU	PO	FB	80	417	8800	16
ADSIPRF	EU	PO	FB	80	9	8800	2
ADSIOPEN	EU	PO	FB	80	8	8800	1
AEGVPS21	EU	PO	VB	256	25811	6148	12
ADSIMSG1	EU	PO	FB	80	58	8800	1
ADUIMSG1	EU	PO	FB	80	5	8800	1
AEKGMOD1	EU	PO	U	0	956	6144	80
AEKGLUTB	EU	PO	FB	80	1	8800	1
AEKGCAS1	EU	PO	FB	80	1	8800	1
AEKGLANG	EU	PO	FB	125	15	3125	1
AEKGSMP1	EU	PO	FB	80	360	8800	7
AEKGPNL2	EU	PO	FB	80	13	8800	2
ACNMMAC1	NU	PO	FB	80	738	8800	13
ANVULIB	EU	PO	U	0	29	6144	6
AFLBDAT1	EU	PO	VB	1028	16	23648	2
AEGVPS22	EU	PO	VB	256	95	6148	1
ACNMPNL2	EU	PO	FB	80	2846	8800	126
ACNMMJPN	EU	PO	U	0	71	6144	8
AEZLCLST	NU	PO	FB	80	3193	8800	32
AEZLINST	NU	PO	FB	80	12	8800	1
AEZLPNLU	NU	PO	FB	80	673	8800	62
AEZLSAMP	NU	PO	FB	80	69	8800	2

Figure 27 (Page 2 of 2). Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Distribution Libraries

Library DDNAME	T Y P E	D S R E G	R E F M	L E C L	No. of Blks	BLK SIZE	No. of DIR Blks
AEZLLINK	NU	PO	U	0	171	6144	14

5.3 FMIDs Deleted

Installing TME 10 NetView for OS/390 Version 1 Release 2 will result in the deletion of the following FMIDs:

Figure 28 (Page 1 of 2). FMIDs Deleted

Deleted FMID	Deleting FMID	Description
HNV1102	HPZ8300	MVS/370 NetView V1R1
HNV1202	HPZ8300	MVS/370 NetView V1R2
HNV1103	HPZ8300	MVS/XA NetView V1R1
HNV1203	HPZ8300	MVS/XA NetView V1R2
HNV1303	HPZ8300	MVS/XA NetView V1R3
HVWW101	HPZ8300	MVS/XA NetView V2R1
HVWW200	HPZ8300	MVS/XA NetView V2R2
HVWW300	HPZ8300	MVS/XA NetView V2R3
HNVW140	HPZ8300	MVS/ESA NetView V1R3
HXYZ101	HPZ8300	MVS/ESA NetView V2R1
HXYZ200	HPZ8300	MVS/ESA NetView V2R2
HXYZ300	HPZ8300	MVS/ESA NetView V2R3
HXYZ400	HPZ8300	MVS/ESA NetView V2R4
HPZ8100, JPZ8130	HPZ8300	MVS/ESA NetView V3R1
HPZ8200	HPZ8300	TME 10 NetView for OS/390 V1R1
HFLC100	HPZ8300	MVS/ESA MSM V1R1
HFLC200	HPZ8300	MVS/ESA MSM V1R2
HFLC300	HPZ8300	MVS/ESA MSM V2R1
HFLC400	HPZ8300	MVS/ESA MSM V2R2

Figure 28 (Page 2 of 2). FMIDs Deleted

Deleted FMID	Deleting FMID	Description
HLR6110, HLR6200, HLR6200, HML6110, HML6111, H080100	HPZ8300	MVS/ESA AON/ANO

5.3.1 System Considerations

There are tuning considerations for using TME 10 NetView for OS/390 Version 1 Release 2. Tuning considerations and recommendations are discussed in the following manuals:

- *TME 10 NetView for OS/390 Installation and Administration Guide*
- *TME 10 NetView for OS/390: Tuning Guide*

5.4 Special Considerations

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

5.4.1 Considerations for NetView 3270 JAVA Client

- The mainframe component provides the host connection and has the following requirements:
 - MVS 5.2.2 or OS/390 as the operating system
 - TCP/IP 3.2 or above
 - TME 10 NetView for OS/390 Version 1 Release 2

- Workstations hardware requirements include:

The following are the minimum requirements beyond those required for Intel platform workstations running OS/2, Windows 95* or Windows NT*:

- Pentium* 90 or higher CPU, preferred 166 MHz
- 32MB memory(64MB recommended)
- 15MB fixed disk space
- Long file names; for OS/2 you need an HPFS partition
- Screen resolution of 1024 by 768(256 colors)

The following are the minimum requirements for AIX platform workstations:

- RISC or Power PC with 133 MHz or clock speed higher CPU
- 64MB memory; 128MB preferred
- 15MB fixed disk space
- Screen resolution of 1024 by 768(256 colors)

The following are the minimum requirements for workstations running Sun Solaris* or HP-UX*:

- 133 MHz CPU
- 128MB memory
- 15MB fixed disk space
- Screen resolution of 1024 by 768(256 colors)
- Workstations software requirements include:
 - Operating System
 - IBM Operating System/2(OS/2) Version 4.0 or higher with JAVA Developers Toolkit 1.1.4
 - Windows NT 4.0 or Windows 95 with JAVA Developers Toolkit 1.1.5
 - IBM AIX Version 4.2.0 or higher with JAVA Developers Toolkit 1.1.4
 - Any Sparc* workstation that runs Sun Solaris 2.5.1 or higher with JAVA Developers Toolkit 1.1.3
 - HP-UX 10.2 or higher with JAVA Developers Toolkit 1.1.3
 - TCP/IP
(OS/2 TCP/IP Version 2.0 with UN64092 or a later version)
 - The NetView 3270 JAVA Client must be installed in an HPFS partition on OS/2

Note: The JAVA runtime library can be obtained from the following URLs:

Windows NT 4.0 and Windows 95 - www.javasoft.com

OS/2 Warp 4.0 - ncc.hursley.ibm.com/javainfo/download

AIX - ncc.hursley.ibm.com/javainfo/download

- JAVA Client Download/Install

JAVA Client Code can be obtained from the following:

- URL: corp.tivoli.com:8080/n_nv390/javaclient.html
- MVS Dataset: netview.v1r2m0.SEGVPS21

5.4.2 Considerations for NetView Web Server

- IBM TCP/IP 3.2 for MVS/ESA(5655-HAL) or OS/390 2.5 IP Services or any functionally equivalent product
- Any browser that supports HTTP 1.0

5.4.3 Considerations for Event Automation Service

- The Event Automation Service is dependent on the following host products:
 - TME 10 NetView for OS/390 Version 1 Release 2
 - OS/390 Release 3(with OE active)(5645-001) or higher
 - TCP/IP 3.2(5655-HAL) or any functionally equivalent product
 - LE/370 1.7(5688-198)
 - TME 10 Framework on OS/390 3.5(5697-FRW)
 - TME 10 Enterprise Console(T/EC) 3.5(5697-EAS)

5.4.4 Considerations for issuing MVS Open Edition or OS/390 UNIX Services Commands from TME 10 NetView for OS/390 Version 1 Release 2

- OS/390 or Open Edition on MVS 5.2.2 or later
- REXX alternate run-time(same as for TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager Component)

5.4.5 Considerations for TCP/IP for MVS Monitoring and Session Management

- IBM TCP/IP Version 3 Release 2 for MVS/ESA(5655-HAL) with PTF UQ17350 or later

5.4.6 Considerations for Beeper/Pager Support

- IBM Netfinity for OS/2 Version 5.0 or later(if using the IBM sample for beeper/pager requests).

5.4.7 Considerations for NetView Management Console

The NetView Management Console(NMC) has the following prerequisites:

- TME 10 NetView for OS/390 Version 1 Release 2
- NMC Server:
 - On AIX
 - AIX 4.2(5765-655) or higher

On Windows NT

- NT 4.0 with service pack 2 or higher

On OS/2

- OS/2 Warp 4 with fixpack 4 or higher

233 MHz CPU

128 MB of memory

- **NMC Client:**

JAVA Development Kit(JDK)

- JDK 1.1.6 for Sun Solaris, Windows NT or Windows 95
- JDK 1.1.4 for AIX or OS/2

TCP/IP Communication with NMC Server

Operating Systems:

- AIX 4.2(5765-655) or higher
- OS/2 Warp 4.0
- Windows NT - Version 4.0 or higher
- Sun Solaris - Version 2.6 or higher
- Windows 95

233 MHz CPU

128 MB of memory

- **NMC Communications Link**

One of the following types of communication links is required between the NMC Server and the TME 10 NetView for OS/390 Version 1 Release 2 system:

- IP connection

Requires TCP/IP Version 3.2 or higher on the TME 10 NetView for OS/390 Version 1 Release 2 system

- LU 6.2 connection

On AIX requires one of the following:

- AIX SNA Server Version 2.1 or higher
- AIX SNA Communications Server Version 3.1.2 or higher
or Communications Server for AIX, Version 4(5765-652)

On NT requires Communication Server for NT Version 5

On OS/2 requires:

- Communication Server for OS/2 Warp 4 with fixpack 4

On Sun platforms LU 6.2 connection not supported, use IP connection

5.4.8 NetView Installation and Administration Facility/2

- OS/2 WARP 4.0
- Communications Server Version 4 (5765-652) and Personal Communications AS/400 and 3270 Version 4 Release 1 for OS/2 (PCOMM-39H3929) with CSD2 applied or
For Japanese version, Communications Manager/2 1.1J or later
- Database 2 for OS/2 (DB2/2) Version 2(41H2112) or later

5.4.9 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)
 - LE/370 Version 1 Release 5 (5688-198)
- One of the following is required:
 - MVS/ESA SP-JES2 Version 5 Release 2.2 (5655-068) or higher
 - MVS/ESA SP-JES3 Version 5 Release 2.2 (5655-069) or higher
- RODM Methods
 - TME 10 NetView for OS/390 Version 1 Release 2 RODM methods written in PL/I and C are compatible with LE/370 compiler and runtime libraries.

5.4.10 NetView Bridge -- Support for INFO Access

- Information/Management Version 6 Release 3 (5695-171) 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
 - LE/370 Version 1 Release 5 (5688-198)

5.4.11 Graphic Monitor Facility Host Subsystem

- RODM requirements plus
- C/370 Library Version 2 (5688-188)
or
LE/370 Version 1 Release 5 (5688-198)
- **Note:** If you are migrating from a previous release and are not using the GMFHS startup procedure, CNMSJH10, provided with TME 10 NetView for OS/390 Version 1 Release 2, you will need to add the following dataset to the steplib dataset concatenation and ensure that this dataset is APF-authorized:
// DD DSN=NETVIEW.V1R2M0.SCNMCRUN,DISP=SHR

5.4.12 ASCII Console Support in Graphic Monitor Facility Host Subsystem

- Transaction Control Protocol/Internet Protocol (TCP/IP) Version 2.0 for OS/2 (65G1220)

5.4.13 NetView Graphic Monitor Facility (NGMF)

The following is a list of requirements for the NGMF workstation:

- OS/2 WARP 4 Communications Server Version 4 (5765-652) and Personal Communications AS/400 and 3270 Version 4 Release 1 for OS/2 (PCOMM - 39H3929) with CSD2 applied.
(For Japanese version, Communications Manager/2 1.1 J, or later)
and one of the following:
 - APPC communications -- Any communication adapter that Communications Server 4.0 or higher supports for APPC
 - 3270 emulator communications (for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by Personal Communications 4.1 or higher
 - Personal Communications 4.1 plus CSD #2 or higher or Personal Communications 4.2.
- For workstation customization - optional
 - IBM C SET/2

5.4.14 NGMF Communications Manager Configuration Utility

- NGMF requirements

5.4.15 RODM Administration and NGMF Problem and Inventory Functions

- NGMF requirements plus
- NetView Bridge requirements (PL/I API or LE/370) plus
- Network Configuration Application/MVS (5695-099) - optional

5.4.16 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)
or
LE/370 Version 1 Release 5 (5688-198)

5.4.17 SNA Topology Manager Resource Filtering

- OS/390 Version 2 Release 5(5647-A01) SNA Services

5.4.18 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)
or
LE/370 Version 1 Release 5 (5688-198)
- System Management Facility or an equivalent external logging facility

5.4.19 NetView Graphic Monitor Facility Installation (if not using NIAF/2)

- The applicable file transfer program for the communication subsystem

5.4.20 APPN Topology and Accounting Agent

- OS/2 4.0 or later
- Communications Manager/2 1.1 (or later)

5.4.21 MVS Sysplex Support - Compatibility Mode

TME 10 NetView for OS/390 Version 1 Release 2 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 5 Release 2.2 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 2.2 (5655-069) or higher

5.4.22 MVS Sysplex Support - Enablement

TME 10 NetView for OS/390 Version 1 Release 2 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 5 Release 2.2 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 2.2 (5655-069) or higher

5.4.23 Pre-initialized PL/I Environments for NetView HLL

- OS PL/I Version 2.3 Library (5668-911)
or
LE/370 Version 1 Release 5(5688-198)

5.4.24 Pipeline Automation

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

5.4.25 Support for IBM LAN Network Manager Enhanced Command Interface

- IBM LAN Network Manager Version 2.0(03H3519, 03H3523 or 03H3527)

5.4.26 NetView Support for 3174 ISDN

- 3174 Configuration C Release 1

5.4.27 Session Monitor Support of APPN* Display and Problem Determination

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)
- ACF/NCP Version 6 Release 2 (5688-231)

5.4.28 Session Monitor Support of HPR and MNPS

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

5.4.29 Session Monitor Support of VTAM Takeover-Giveback of an NCP

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)

5.4.30 Session Monitor support of DLUR/DLUS

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)
- Communications Manager/2 1.11 for local support
- Communications Manager/2 1.2 for cross network support

5.4.31 Session Monitor support of VR-TG and Bordernode

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

5.4.32 Session Monitor Support of VTAM Extended MS-Transport

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

5.4.33 Management of Frame Relay (DTE) and Ethernet

- ACF/NCP Version 6 (5688-231)

5.4.34 NetView Parallel Transmission Group Support

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

5.4.35 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

5.4.36 NetView Performance Monitor (NPM) Alerts

- NPM Version 1 Release 6 (5665-333 MVS) or later for session alerts

5.4.37 NetView Support for Programmable Network Access (PNA)

- PNA Version 1.11 (72F0-708)

5.4.38 Active in Session

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

5.4.39 SAF Security Checking on RODM Connections

- RACF* 2.1 (5695-039) or later, or its SAF equivalent

5.4.40 SAF Security Checking on NetView Operator Password Protection

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

5.4.41 SAF Security Checking RMTCMD RMTOPS Class

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

5.4.42 SAF security checking for NetView Command Authorization

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

5.4.43 SAF security checking for NetView Span of Control Access

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

5.4.44 SAF security checking for NetView Operator Logon Information

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

5.4.45 View Security

- RACF 2.1 (5695-039)(PTF UW90249) or
RACF 2.2 (5695-039)(PTF UW90248) or later, or
OS/390 Release 1 (5645-001) Security Server(PTF UW90248)

5.4.46 High Level Language (HLL) restriction

- If you are installing TME 10 NetView for OS/390 Version 1 Release 2 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 2 will allow you to run with **either** 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 LE/370 you **must** apply FMID JPZ8303, but **not** FMIDs JPZ8301 or JPZ8302. What is different than with NetView V3R1 is that the ordering has been split into FMID combinations such that you have a choice of ordering either the C/370 and PL/I combination **OR** LE/370, but not both on the same media. Additionally, you **MAY** use 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.

5.4.47 Other Considerations

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

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 UR43604.

To communicate with the V2R4 level of APPNTAM from TME 10 NetView for OS/390 Version 1 Release 2 you will need to apply the following apars to the V2R4 level of APPNTAM:

English APPNTAM UW18660 and UW18661

Japanese APPNTAM UW18660 and UW18662

If you intend to run TME 10 NetView for OS/390 Version 1 Release 2 Statmon with downlevel NetView(s) in a network, you will need to apply the following apars to the other NetView systems:

V2R4 UW30781

V3R1 UW30809

If you are installing TME 10 NetView for OS/390 Version 1 Release 2 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 following is a list of additional PTFs that need to be applied for the specified functions:

Session Monitor cross-domain APPN support

NetView V3R1 PTF UW31877

NetView V2R4 PTF UW31873

LE/370 Support

LE/370 V1R5 with PTF UN94116 (fix for PE UN87318)

LE/370 V1R5 with PTF UN94268

Dynamic Span/View Security

RACF 2.1 with PTF UW90249, or

RACF 2.2 with PTF UW90248, or

OS/390 R1 with the RACF 2.2 PTF

NetView 2.4 and 3.1 remote log browse support

NetView V3R1 PTF UW32447 (fix for PE UW29493)

NetView V2R4 PTF UW32448

5.4.48 Considerations for TME 10 NetView for OS/390 Version 1 Release 2 Automated Operations Network Component

- Dynamic Display Facility (DDF) requires either a 3x79 Terminal with Extended Attribute Support with a display capable of seven colors or a workstation-based 327x terminal emulator program that provides Extended Attribute Support with a display capable of seven colors.
- The SNA Automation feature has these additional requirements for Switched Network Backup Automation:
 - IBM 586x modems (except Model 1) with 2 or 4 wire SNBU couplers, if desired, or
 - The 786x, 7855, or LPDA-2 command set capable modemsNOTE: Only the 786x Models 45, 46, and 47 can automatically switch back from SNBU. ACF/NCP Version 5 Release 4(5668-738) or later is required for complete DMPX support of IBM 7861/8 model 4x modems.
- AON LAN Automation has these additional requirements:
 - LAN Network Manager Version 2.0(03H3519, 03H3523 or 03H3527)
 - OS/2 as required by LAN Manager and LAN Management Utilities
 - Communications Server Version 4(5765-652) or later
 - 3172, 3174, or 3745 Token-Ring Host Gateways or Communications Manager functioning as an SDLC-attached host gateway for the LAN manager
- To use the LAN RTAP functions requires:
 - IBM Personal Computer or compatible workstation configured with:
 - A minimum of 8MB of RAM
 - .5MB hard drive storage
 - 80286 or higher processor
 - Token-ring network 16/4 trace and performance adapters AT(R) Bus (feature number 5121, product number 74F5121)or
 - Micro-channel (feature number 5130, product number 74F5130)
 - or
 - DatagLANce Network Analyzer for Ethernet/Token-Ring Version 1 Release 2 (11H0233)
 - Communications adapter card to provide SNA non-DFT (SSCP-PU or LU 6.2) connection to AON LAN automation (separate from the TAP adapter card)
- AIX Automation has this additional requirement:
 - A properly configured RISC System/6000 (R) POWERstation (TM) or POWERserver (TM) to support an SNA connection between the RISC System/6000 and the 370/390 Host on an SSCP-PU or LU 6.2 session.
 - AIX Version 4 Release 1(5765-393) or later
 - NetView for AIX Version 4(5765-527 feature number 5608) or later
 - AIX NetView Service Point Version 1 Release 2.2(5621-107) and Communications Server for AIX Version 4(5765-652)

- AON TCP/IP Support
 - MVS TCP/IP 3.2 or above
 - Support for "Non Open Edition Stack" Only
 - TME 10 NetView for OS/390 Version 1 Release 2
 - TSO Pipe Stage
 - AON/TCP Component
 - For active and recovery monitoring, notification, etc. functions
 - AON Remote Gateway(RMTCMD)
 - For cross-domain support

5.4.49 Considerations for TME 10 NetView for OS/390 Version 1 Release 2 MultiSystem Manager Component

5.4.49.1 System Considerations for CM/2

CM/2 is required by the following TME 10 NetView for OS/390 Version 1 Release 2 features:

- LAN NetWork Manager
- Netfinity Networks

The following information details the necessary maintenance for anyone using CM/2 to communicate with MultiSystem Manager.

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

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)

The package file will contain a list of included APARs. For CM2AP111 & CM2AP110 make sure JR08454 is in the list. For CM2AP101 make sure JR08455 is in the list. If the APAR is not in the package you have please obtain a newer package.

5.4.49.2 System Considerations for the MultiSystem Manager LAN Network Manager Feature

The MultiSystem Manager LAN Network Manager feature of TME 10 NetView for OS/390 Version 1 Release 2 requires:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- IBM LAN Network Manager 2.0(03H3519, 03H3523 or 03H3527)
- Communications Manager/2 Version 1 Release 1(79G0258 or 79G0257) configured with Service Point Application Router(SPAR).

5.4.49.3 System Considerations for the MultiSystem Manager Novell NetWare Network Feature

The Novell NetWare Networks component of TME 10 NetView for OS/390 Version 1 Release 2 requires the following environment to function:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- Each managed server must be running Novell NetWare 3.12 or 4.1 or later for DOS.
- Each managed NetWare 3.12 server must have the LIB312 fix pack applied. This fix pack provides AFTER311.NLM version 4.15 and A3112.NLM version 4.18.
- If the collection point server is NetWare 3.12, it must be running NetWare/IP 1.1 or later.

In the list above, a **managed server** is one that is fully supported by TME 10 NetView for OS/390 Version 1 Release 2. Other servers in the network will still show up in the discovered topology but have a simple UP/DOWN status (UNK/UNSAT in NGMF). Unmanaged servers will also respond to QUERY STATION and COMTEST commands but detailed status is not available, nor are the majority of the MultiSystem Manager commands.

5.4.49.4 System Considerations for the MultiSystem Manager IP Network Feature

The MultiSystem Manager Internet Protocol feature of TME 10 NetView for OS/390 Version 1 Release 2 requires the following:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- AIX Version 4.1(5765-393) or later
- NetView for AIX Version 4 (5765-527) - PTF U443133
- or -
NetView for AIX Version 4 Japanese {Ja_JP} (5765-527)
- AIX NetView Service Point Version 1 Release 2.2 (5621-107) - PTF U440307
- IBM Communication Server for AIX Version 4 (5765-652)

5.4.49.5 System Considerations for the MultiSystem Manager Netfinity Network Feature

The Netfinity Networks component of TME 10 NetView for OS/390 Version 1 Release 2 requires

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- Netfinity V5.0 or later

5.4.49.6 System Considerations for the MultiSystem Manager ATM Networks Feature

The MultiSystem Manager ATM Networks feature of TME 10 NetView for OS/390 Version 1 Release 2 requires:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- NetView for AIX Version 4 (5765-527)
 - or -
 - NetView for AIX Version 4 Japanese {Ja_JP} (5765-527)
- AIX NetView Service Point Version 1.2.2.0 (5621-107)
- Nways Campus Manager ATM for AIX Version 2/Version 2.2 (5697-B08)
 - or -
 - Nways Campus Manager Suite Version 3 for AIX (5697-B06)
 - or -
 - Nways Manager for AIX Version 1/Version 1.2 (5801-AAR)
- IBM Communication Server for AIX Version 4 (5765-652)

NOTE: NCMA 1.3 is shown as N-ways Campus Manager 2.2.1.0 in SMIT.

5.4.49.7 System Considerations for the MultiSystem Manager TMR Feature

The MultiSystem Manager Tivoli Management Region (TMR) feature of TME 10 NetView for OS/390 Version 1 Release 2 requires:

- TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option.
- TME 10 Framework 3.2 or later
- TME 10 Distributed Monitoring 3.5 or later
- TME 10 Enterprise Console (TEC) Version 3.1 or later
- Any of the following Operating Systems:
 - Windows NT 4.0
 - AIX 4.1 or AIX 4.2
 - Sun Solaris 2.5.1
 - HP UX 10.2

You are now aware of all of the installation requirements for TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise Option. Proceed to 6.0, "Installation Instructions" on page 57 to begin your product installation.

6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of TME 10 NetView for OS/390 Version 1 Release 2.

If you obtained TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2. The MVS/ESA changes required to run TME 10 NetView for OS/390 Version 1 Release 2 are discussed in the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*.

Please note the following:

- If you want to install TME 10 NetView for OS/390 Version 1 Release 2 into its own SMP/E environment, consult the SMP/E manuals for instructions on creating and initializing the SMPCSI and the SMP/E control data sets.
- Sample jobs have been provided to help perform some or all of the installation tasks. The SMP/E jobs assume that all DDDEF entries required for SMP/E execution have been defined in the appropriate zones.
- The SMP/E dialogs may be used instead of the sample jobs to accomplish the SMP/E installation steps.

With TME 10 NetView for OS/390 Version 1 Release 2 you will notice some major changes which will affect your SMP/E installation:

1. SMP/E R8 or later is now the minimum level of SMP/E that you may use. With this level of SMP/E comes CALLLIBS support. This will allow you to link C370, PL/I and 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 TME 10 NetView for OS/390 Version 1 Release 2 has resulted in an 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 TME 10 NetView for OS/390 Version 1 Release 2 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 2 will allow you to run with **either** 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 LE/370 you **must** apply FMID JPZ8303, but **not** FMIDs JPZ8301 or JPZ8302. Beginning with TME 10 NetView for OS/390 V1R1 you **MAY** use 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 JPZ8301 and if you are also using C370 you **must** apply JPZ8302. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 56 on page 159 and Figure 57 on page 161 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 51 on page 150 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 FMIDs, SMP/E 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.

HLL note

To install both NetView with C/370 support and NetView with LE/370 support on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both NetView with C/370 support and NetView with LE/370 support the same target and distribution zones, some features will not install correctly.

4. TME 10 NetView for OS/390 Version 1 Release 2 Graphical Enterprise cannot be installed on 3350 DASD.

The two basic choices for installing TME 10 NetView for OS/390 Version 1 Release 2 are:

1. You can install into new target and distribution zones. This is the recommended method for TME 10 NetView for OS/390 Version 1 Release 2 for users who will continue to use a prior version of NetView after TME 10 NetView for OS/390 Version 1 Release 2 has been installed. SMP/E 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/E will continue by saying there was nothing deleted. There is no need to give any dummy library names for your prior NetView because SMP/E has no way to know that a previous release was ever installed.

When your testing is finished and you have migrated completely to TME 10 NetView for OS/390 Version 1 Release 2, you can run a delete job to remove the old NetView, MSM, and AON/ANO FMIDs from the CSI zone(s). At that time you will have to provide SMP/E with access to the old LPALIB and LINKLIB libraries. For more information see 6.1.9.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed" on page 156. The *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide*, SC31-8236, 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 TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2 into the same zone, you must provide access to your prior libraries via DDDEFs or DD statements. SMP/E 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/E may remove the old LPALIB modules. If by chance there are some traces of prior releases that still exist in SMP/E even though the libraries have been deleted, SMP/E will know and you will have to allocate dummy libraries for SMP/E 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 6.1.9.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed" on page 156.

If you are installing TME 10 NetView for OS/390 Version 1 Release 2 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 TME 10 NetView for OS/390 Version 1 Release 2. If a SYSGEN is performed after the installation of TME 10 NetView for OS/390 Version 1 Release 2 is complete, the GENERATE facility of SMP/E can be used to re-install TME 10 NetView for OS/390 Version 1 Release 2.

6.1 Installing TME 10 NetView for OS/390 Version 1 Release 2

The samples provided with TME 10 NetView for OS/390 Version 1 Release 2 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 might be required. For example, job card information might need to be customized. In addition to this program directory, read the comments in the JCL samples. They are designed to make it easy to find required changes. Some of the JCL values which should be verified and are most likely to need customization are coded in lower case; a JCL error occurs if the values are overlooked.

6.1.1 SMP/E Considerations for Installing TME 10 NetView for OS/390 Version 1 Release 2

This release of TME 10 NetView for OS/390 Version 1 Release 2 is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

6.1.2 SMP/E Environment

All SMP/E installation jobs provided assume that all necessary DD statements for the execution of SMP/E are defined using DDDEFS.

Sample jobs are provided to assist you in installing TME 10 NetView for OS/390 Version 1 Release 2. After the RECEIVE step has been completed, the sample jobs can be found in SMPTLIB:

IBM.HPZ8300.F2. Make a copy of these jobs in your own library and modify them to use during the installation of TME 10 NetView for OS/390 Version 1 Release 2. Or you can use the UNLOAD job provided in the program directory and copy the install jcl from the tape. See 6.1.4, "Unload the Sample JCL from the Product Tape" on page 61. The sample jobs are:

CNMJSMPA	Sample job to allocate SMP/E datasets
CNMJGCSI	Sample job to allocate SMP/E global zone
CNMJCSIS	Sample job to allocate SMP/E target and dlib zones
CNMJZDEF	Sample job to define globalzone and default options to SMP/E
CNMJCSIA	Sample job to allocate global, target and dlib zones, define the globalzone and default options to SMP/E (Above 3 jobs combined into one job.)
CNMJUCLN	Sample job to update DSSPACE and/or PEMAX if using existing zones
CNMJDDNJ	Sample job to define Japanese DDDEFS
CNMJDDPC	Sample job to define PL/I and C DDDEFS
CNMJDDMC	Sample job to define PL/I and C DDDEFS for methods
CNMJDDMP	Sample job to define PL/I only DDDEFS for methods
CNMJALJU	Sample job to allocate Unattended target and distribution libraries
CNMJALJP	Sample job to allocate Procedural target and distribution libraries
CNMJALJE	Sample job to allocate Graphical Enterprise target and distribution libraries
CNMJRC05	Sample Unattended RECEIVE job
CNMJRC25	Sample Procedural RECEIVE job
CNMJRC45	Sample Graphical Enterprise RECEIVE job
CNMJRC55	Sample Graphical Enterprise Workstation RECEIVE job
CNMJAP05	Sample Unattended APPLY job
CNMJAP25	Sample Procedural APPLY job
WARNING	If you are installing the Graphical Enterprise Option you MUST install HPZ8330 prior to or concurrently with JPZ8340. For information on installing FMID HPZ8330, refer to the NetView C Runtime Language Program Directory GI10-4811.
CNMJAP45	Sample Graphical Enterprise APPLY job

CNMJDLT1	Sample to delete previous NetView or NCCF with dummy fmid
CNMJDLT2	Sample to delete dummy fmid
CNMJAC05	Sample Unattended ACCEPT job
CNMJAC25	Sample Procedural ACCEPT job
CNMJAC45	Sample Graphical Enterprise ACCEPT job
CNMJUMCS	Sample job to print out SMPMCS

In the sample SMP/E jobs provided, the name of the SMP/E CSI is GLOBAL. The global zone name in the SMP/E CSI is GLOBAL. The distribution zone name is DLIB1. The target zone name is TGT1. The sample jobs should be updated to reflect the CSI and zone names used at your installation.

6.1.3 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 29. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

<i>Figure 29. SMP/E Options Subentry Values</i>		
SUB-ENTRY	Value	Comment
DSSPACE	(300,500,900)	Use 900 directory blocks
PEMAX	9999	The SMP/E default is larger than what can be specified here

6.1.4 Unload the Sample JCL from the Product Tape

Sample installation jobs are provided on the distribution tape to help you install TME 10 NetView for OS/390 Version 1 Release 2. The following sample JCL will copy the TME 10 NetView for OS/390 Version 1 Release 2 jobs from the tape. Add a job card and modify the parameters in boldface to uppercase values to meet your site's requirements before submitting.

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=A
//IN DD DSN=IBM.HPZ8300.F2,UNIT=tunit,VOL=SER=JZ8300,
// LABEL=(3,SL),DISP=(OLD,KEEP)
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=dunit,
// DCB=*.STEP1.IN,SPACE=(8800,(100,10,25))
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=IN,OUTDD=OUT
/*
```

where **tunit** is the unit value matching the product tape or cartridge, **jcl-library-name** is the name of the data set where the sample jobs will reside (for example, NETVIEW.V1R2M0.INSTALL), **dasdvol** is the volume serial of the DASD device where the data set will reside, and **dunit** is the DASD unit type of the volume.

You can also access the sample installation jobs by performing an SMP/E RECEIVE for FMID fmid, and then copying the jobs from dataset **hlq.IBM.HPZ8300.F2** to a work dataset for editing and submission.

6.1.5 Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 2

NLS note

To install both NetView US English feature and NetView Japanese feature on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both the NetView US English feature and the NetView Japanese feature into the same target and distribution zones, some features will not install correctly.

HLL note

To install both NetView with C/370 support and NetView with LE/370 support on the same operating system, they must be installed into separate target and distribution zones with maintenance applied to each independently. A separate SMPLTS is needed for each target zone. If you try to install both NetView with C/370 support and NetView with LE/370 support the same target and distribution zones, some features will not install correctly.

6.1.5.1 Allocating New SMP/E Data Sets for TME 10 NetView for OS/390 Version 1 Release 2

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.V1R2M0.INSTALL for that purpose. It is important that the data set names match between sample job CNMJSMPA, the sample SMP/E PROC CNMJSMPPE, and sample job CNMJZDEF. Both CNMJSMPA and CNMJSMPPE are written to allow for a customer supplied second level qualifier 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)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS, AN IBM COMPANY **
//** 1997, 1998 **
//** 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. **
//** **
//** PROCEDURE: CNMJSMPA **
//** **
//** FUNCTION: **
//** ALLOCATE THE SMP/E TEMPORARY LIBRARIES NEEDED **
//** IF SETTING UP A NEW GLOBAL ZONE FOR TME 10 **
//** 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 30 (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 TME 10 NETVIEW INSTALL **
//*****
//SMPPTS DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,
// SPACE=(8800,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPPTS DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,
// SPACE=(8800,(400,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPPTS DD DSN=&SMPHLQ..&SMPSLQ.SMPPTS,
// SPACE=(8800,(400,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPLTS DD DSN=&SMPHLQ..&SMPSLQ.SMPLTS,
// SPACE=(6144,(5000,100,50)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(RECFM=U,BLKSIZE=6144)
//SMPSCDS DD DSN=&SMPHLQ..&SMPSLQ.SMPSCDS,
// SPACE=(8800,(300,10,200)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPSTS DD DSN=&SMPHLQ..&SMPSLQ.SMPSTS,
// SPACE=(8800,(40,10,25)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800)
//SMPLOG DD DSN=&SMPHLQ..&SMPSLQ.SMPLOG,
// SPACE=(8800,(1000,50)),
// DISP=(NEW,CATLG,DELETE),
// UNIT=&SMPUNIT,
// VOL=SER=&SMPVOL,
// DCB=(LRECL=132,RECFM=VB,BLKSIZE=8800)

```

Figure 30 (Part 2 of 3). CNMJSMIPA

```

//SMPLOGA DD DSN=&SMPHLQ..&SMPSLQ.SMPLOGA,
//          SPACE=(8800,(1000,50)),
//          DISP=(NEW,CATLG,DELETE),
//          UNIT=&SMPUNIT,
//          VOL=SER=&SMPVOL,
//          DCB=(LRECL=132,RECFM=VB,BLKSIZE=8800)
//          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 30 (Part 3 of 3). CNMJSMIPA

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.5.2 Creating a New SMP/E CSI for TME 10 NetView for OS/390 Version 1 Release 2

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.V1R2M0.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 31 on page 67, Figure 32 on page 69, and Figure 33 on page 72 show samples CNMJGCSI, CNMJCSIS and CNMJZDEF respectively.

Figure 31 on page 67 contains sample CNMJGCSI and is used to define the global zone.

```

//CNMJGCSI JOB 'ACCOUNTING INFORMATION','DEFINE GLOBAL CSI',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//*****
//** **
//** 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 TME 10 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 TME 10 NETVIEW CSI **
//** VSAM DATA SET AND DATA AND **
//** INDEX COMPONENTS **

```

Figure 31 (Part 1 of 2). CNMJGCSI

```

/**
/**      >>>> 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:
/**
/*******
/*******
//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 31 (Part 2 of 2). CNMJGCSI

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

Figure 32 on page 69 contains sample CNMJCSIS which defines the target and dlib zones.


```

//CNMJCSIS JOB 'ACCOUNTING INFORMATION','SMP/E R8 CSI SETUP',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//*****
//** **
//** 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. NAMES OF THE TME 10 NETVIEW CSI **
//** VSAM DATA SETS AND DATA AND **
//** INDEX COMPONENTS **
//** 4. NAME OF THE TARGET CSI DATA SET **
//** 5. NAME OF THE DISTRIBUTION CSI DATA **
//** SET **

```

Figure 32 (Part 1 of 3). CNMJCSIS

```

/**
/**      >>>> 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 CSI DOESN'T EXIST                    **
/**      0000 FOR PRIMCSI2                                  **
/**      0000 FOR PRIMCSI3                                  **
/**
/**      ACTIVITY:                                          **
/**
/*******
/*******
//DELDEF1 EXEC PGM=IDCAM5
//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        /* <==3,5 */

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 32 (Part 2 of 3). CNMJCSIS

```

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

```

Figure 32 (Part 3 of 3). CNMJCSIS

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

Figure 33 on page 72 contains sample CNMJZDEF which defines the globalzone and default options.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. The ACCJCLIN option can be specified in the CNMJZDEF sample job, or a separate UCLIN job can be executed at a later time to add this option. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

```

//CNMJZDEF JOB 'ACCOUNTING INFORMATION','SMP/E ZONE DEFINE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//*****
//** **
//** 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 33 (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=*
//SMRPT   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 33 (Part 2 of 3). CNMJZDEF

```

UCLIN
.
  ADD UTILITY(IEWBLINK) RC(4)
.
ENDUCL
.
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 33 (Part 3 of 3). CNMJZDEF

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

Figure 34 on page 75 contains sample CNMJCSIA. CNMJCSIA combines the previous 3 jobs(CNMJGCSI, CNMJCSIS and CNMJZDEF) into one.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. The ACCJCLIN option can be specified in the CNMJCSIA sample job, or a separate UCLIN job can be executed at a later time to add this option. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

```

//CNMJCSIA JOB 'ACCOUNTING INFORMATION','SMP/E R8 CSI SETUP',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//*****
//** **
//** 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 TME 10 NETVIEW CSI **
//** VSAM DATA SETS AND DATA AND **
//** INDEX COMPONENTS **
//** 5. TARGET AND DLIB ZONE NAMES **
//** 6. PREFIX TO BE USED FOR SMPPLIBS **
//** (RELFILES) **
//** 7. THE NAME OF THE OPTIONS ENTRY USED **

```

Figure 34 (Part 1 of 5). CNMJCSIA

```

/**
/**      >>>> 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 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 netview.GLOBAL.CSI      /* <==3 CSI VSAM NAME */
DELETE netview.tgt1.CSI        /* <==3,4 */
DELETE netview.dlib1.CSI       /* <==3,4 */

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

```

Figure 34 (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=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 34 (Part 3 of 5). CNMJCSIA

```

//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)
/*
//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 */
.

```

Figure 34 (Part 4 of 5). CNMJCSIA

```

      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
  .
  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 34 (Part 5 of 5). CNMJCSIA

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.5.3 SMP/E R8 or later access to TME 10 NetView for OS/390 Version 1 Release 2 Data Sets

The sample SMP/E procedure CNMJSMPPE, found in NETVIEW.V1R2M0.INSTALL, may be used to install TME 10 NetView for OS/390 Version 1 Release 2 if your installation does not have a standardized SMP/E cataloged procedure.

Note: You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPPE. If you need to do so, uncomment the following statement after the 'SMP EXEC PGM=GIMSMP' statement with the appropriate CSI name. For example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

TME 10 NetView for OS/390 Version 1 Release 2 now has its own MACLIB and AMACLIB data sets instead of using the system data sets. They are SCNMMAC1 and ACNNMAC1.

To establish the correct SMP/E access to TME 10 NetView for OS/390 Version 1 Release 2 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 35 on page 81 shows the sample CNMJSMPPE.
2. Ensure that the SMP/E space requirements outlined in Figure 20 on page 29 and Figure 21 on page 29 are met by the SMP/E environment that will be used to install TME 10 NetView for OS/390 Version 1 Release 2. If you choose to use samples CNMJSMPA, CNMJGCSI and CNMJCSIS to create your SMP/E environment, or CNMJCSIA, these requirements are met and you may continue to 6.1.5.4, "Create DDDEF Entries" on page 84. If you are not using CNMJSMPA, CNMJGCSI and CNMJCSIS to create your SMP/E environment, read the following items.
 - Storage requirements for the SMPCSI data sets are found in Figure 19 on page 29.
 - CNMJUCLN, found in NETVIEW.V1R2M0.INSTALL, can be used to set the DSSPACE and PEMAX to the values shown in Figure 29 on page 61. CNMJUCLN should only be used if the values in your current OPTIONS entry are less than the values shown in Figure 29 on page 61.
 - Run CNMJUCLN, if necessary, before proceeding to 6.1.5.4, "Create DDDEF Entries" on page 84. CNMJUCLN should end with a return code of 0. Figure 36 on page 83 contains sample CNMJUCLN.

Figure 35 on page 81 shows sample CNMJSMPPE.

```

//CNMJSMP PROC SMPHLQ=netview, SMP/E HIGH LEVEL
//          SMPSLQ=          SMP/E SECOND LVL (include ".")
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS, AN IBM COMPANY
//**          1997, 1998
//** 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.
//**
//** 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 DDDEF JOB TO DEFINE THE
//**        DD DEFINITIONS DIRECTLY IN SMP/E. DD CARDS
//**        IN THIS PROC WILL OVERRIDE DDDEFS IN SMP/E.
//**
//** ACTIVITY:
//*****
//*****
//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,(300,150,15)),
//        DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK2 DD UNIT=SYSDA,SPACE=(6160,(600,200,15)),
//        DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK3 DD UNIT=SYSDA,SPACE=(3200,(1200,400,90)),
//        DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK4 DD UNIT=SYSDA,SPACE=(3200,(1800,200,15)),
//        DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK6 DD UNIT=SYSDA,SPACE=(3200,(6000,600,350))

```

Figure 35 (Part 1 of 2). CNMJSMP

```

//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 35 (Part 2 of 2). CNMJSMPE

Figure 36 on page 83 contains the sample CNMJUCLN.

```

//CNMJUCLN JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM          **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//*****
//**                                               **
//** PROCEDURE:                                    **
//**                                               **
//** FUNCTION:                                      **
//**   MODIFIES THE DSSPACE AND PEMAX VALUES FOR EXISTING **
//**   SMP/E ZONES.                                  **
//** NOTE:                                          **
//**   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, OR **
//**   IF YOU ARE NOT USING THE SUPPLIED SMP/E INSTALL **
//**   JOBS.                                        **
//**                                               **
//**                                               **
//** 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//**         INVOKING SMP/E DIRECTLY USING **
//**         GIMSMP, BE SURE ALL DATA SETS **
//**         REQUIRED BY SMP/E ARE DEFINED AS **
//**         DDDEFS OR ON DD STATEMENTS IN THE **
//**         JCL. CHANGE netview.GLOBAL.CSI TO **
//**         THE DATASET NAME OF YOUR GLOBAL **
//**         CSI. CNMJSMPE IS A SAMPLE PROVIDED **

```

Figure 36 (Part 1 of 2). CNMJUCLN

```

/**          FOR YOUR CONVENIENCE AND CAN BE          **
/**          USED INSTEAD OF INVOKING SMP/E          **
/**          DIRECTLY. USING THIS PROC WILL         **
/**          OVERRIDE DDDEFS IN SMP/E.             **
/**          2. CHANGE TO NAME OF OPTIONS ENTRY     **
/**          USED BY TARG/DLIB ZONES FOR YOUR       **
/**          NETVIEW INSTALLATION.                 **
/**          **                                     **
/**          EXPECTED COND CODE: 0000              **
/**          *****                               **
/**          *****                               **
/**          /*CNMJUCL EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
/**          /*SMPPTS DD DSN=netview.SMPPTS,DISP=MOD /* <==1 SMPPTS DD */
/**          /*CNMJUCL EXEC cnmjsmpe /* <==1 YOUR SMP/E PROC */
/**          /*SMPCNTL DD *
          SET BDY(GLOBAL) .
          UCLIN
          .
          REP OPTIONS(mvsopt) /* <==2 OPTIONS ENTRY NAME */
          DSSPACE(300,500,900)
          PEMAX(9999) .
          ENDUCL
          .
          LIST OPTIONS .
/**
/**

```

Figure 36 (Part 2 of 2). CNMJUCLN

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.5.4 Create DDDEF Entries

Add the DDDEFs for TME 10 NetView for OS/390 Version 1 Release 2 target libraries and distribution libraries (for RESTORE processing) to the target zone into which TME 10 NetView for OS/390 Version 1 Release 2 will be APPLyEd. Also add the DDDEFs for distribution libraries to the distribution zone into which TME 10 NetView for OS/390 Version 1 Release 2 will be ACCEPTed.

Edit and submit sample jobs, CNMJDDxx to create DDDEF entries for the SMP/E target and distribution libraries for TME 10 NetView for OS/390 Version 1 Release 2 for all NetViews. Consult the instructions in the sample job for more information.

Run CNMJDDNJ before proceeding. You must also decide if you want only PL/I or PL/I and C DDDEFs. See the following table for which DDDEF jobs you should run for the associated components noted in the

'Description' column. You must make some modifications to each of the following jobs before running them.

Figure 37. Which DDDEF Jobs to Run

HLL Language Support	DDDEF jobs to run	Description
ALL	CNMJDDNJ	DDDEFs for all types of systems
PL/I and C	CNMJDDPC	DDDEFs for PL/I and C HLL support.
PL/I	CNMJDDMP*	DDDEFs for PL/I HLL (RODM-only methods).
PL/I and C	CNMJDDMC*	DDDEFs for PL/I and C HLL methods.
* The DDDEFs for PL/I method support are replicated in the CNMJDDMC DDDEF job; therefore, if you are installing PL/I and C HLL support for methods, only run the CNMJDDMC DDDEF job. It is not necessary to run both CNMJDDMP and CNMJDDMC.		

Note: You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'DDDEFx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

Note: For the CNMJDDNJ job, if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE, you will need to uncomment the following statements after the 'DDDEFx EXEC PGM=GIMSMP' statement:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
//SMPLOG DD DSN=netview.SMPLOG,DISP=MOD
```

Figure 38 on page 86 shows sample CNMJDDNJ.

```

//CNMJDDNJ JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJDDNJ **
//**
//** FUNCTION: **
//** DEFINE TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING **
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL **
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE JCL. **
//** CHANGE netview.GLOBAL.CSI TO THE DATASET **
//** NAME OF YOUR GLOBAL CSI. CNMJSMP E IS A **
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND **
//** CAN BE USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL OVERRIDE **
//** DDDEFS IN SMP/E. **
//** 2. YOUR SMP/E TARGET ZONE **
//** 3. YOUR SMP/E DLIB ZONE **
//** YOU MUST DECIDE WHICH STEPS YOU NEED TO RUN AND **
//** WHICH YOU SHOULD DELETE. THERE ARE 8 SPECIFIC **
//** STEPS: **

```

Figure 38 (Part 1 of 9). CNMJDDNJ

```

/**
/**      DDDEF1  (UNATTENDED, PROCEDURAL, ENTERPRISE)  **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED  **
/**      FOR UNATTENDED NETVIEW.  (FMID HPZ8300)        **
/**      DDDEF2  (PROCEDURAL, ENTERPRISE)              **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED  **
/**      FOR PROCEDURAL NETVIEW.  (FMID JPZ8320)        **
/**      DDDEF3  (UNATTENDED, PROCEDURAL, ENTERPRISE)  **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      NEEDED FOR NETVIEW JAPANESE                    **
/**      (FMIDs JPZ8305, JPZ8325, JPZ8345)             **
/**      DDDEF4  (ENTERPRISE)                          **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      NEEDED FOR ENTERPRISE NETVIEW (FMID JPZ8340)  **
/**      DDDEF5  (UNATTENDED, PROCEDURAL, ENTERPRISE)  **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS **
/**      NEEDED FOR SMP/E INSTALLATION.                **
/**      EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY **
/**      EXIST)                                         **
/**
/**      ACTIVITY:                                     **
/**      *****
/**      *****
/**
/**      /*DDDEF1  EXEC PGM=GIMSMP,REGION=4096K  /* <==1 SMP/E PROC */
/**      /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**      /*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD  /* <==1 SMPLOG DD */
/**      /*DDDEF1  EXEC cnmjsmpe                <==1 YOUR SMP/E PROC
/**      /*SMPCNTL DD *
      SET BDY(tgt1)                /* <==2 YOUR SMP/E TARGET ZONE */
      .
      UCLIN.
      ADD DDDEF(BNJPNL2 )
      DA(netview.v1r2m0.BNJPNL2 ) SHR.
      ADD DDDEF(CNMCLST )
      DA(netview.v1r2m0.CNMCLST ) SHR.
      ADD DDDEF(CNMINST )
      DA(netview.v1r2m0.CNMINST ) SHR.
      ADD DDDEF(CNMLINK )
      DA(netview.v1r2m0.CNMLINK ) SHR.

```

Figure 38 (Part 2 of 9). CNMJDDNJ

```

ADD DDDEF(CNMPNL1 )
  DA(netview.v1r2m0.CNMPNL1 ) SHR.
ADD DDDEF(CNMSAMP )
  DA(netview.v1r2m0.CNMSAMP ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ADD DDDEF(DSIPARM )
  DA(netview.v1r2m0.DSIPARM ) SHR.
ADD DDDEF(DSIPRF )
  DA(netview.v1r2m0.DSIPRF ) SHR.
ADD DDDEF(SCNMMAC1)
  DA(netview.v1r2m0.SCNMMAC1) SHR.
ADD DDDEF(NVULIB )
  DA(netview.v1r2m0.NVULIB ) SHR.
ADD DDDEF(SDSIMSG1)
  DA(netview.v1r2m0.SDSIMSG1) SHR.
ADD DDDEF(SDUIMSG1)
  DA(netview.v1r2m0.SDUIMSG1) SHR.
ADD DDDEF(SDSIOPEN)
  DA(netview.v1r2m0.SDSIOPEN) SHR.
ADD DDDEF(SCNMLNK1)
  DA(netview.v1r2m0.SCNMLNK1) SHR.
ADD DDDEF(SCNMLPA1)
  DA(netview.v1r2m0.SCNMLPA1) SHR.
ADD DDDEF(SEGVPS21)
  DA(netview.v1r2m0.SEGVPS21) SHR.
ADD DDDEF(SEKGCAS1)
  DA(netview.v1r2m0.SEKGCAS1) SHR.
ADD DDDEF(SEKGLANG)
  DA(netview.v1r2m0.SEKGLANG) SHR.
ADD DDDEF(SEKGLNK1)
  DA(netview.v1r2m0.SEKGLNK1) SHR.
ADD DDDEF(SEKGLUTB)
  DA(netview.v1r2m0.SEKGLUTB) SHR.
ADD DDDEF(SEKGMOD1)
  DA(netview.v1r2m0.SEKGMOD1) SHR.
ADD DDDEF(SEKGMOD2)
  DA(netview.v1r2m0.SEKGMOD2) SHR.
ADD DDDEF(SEKGSMP1)
  DA(netview.v1r2m0.SEKGSMP1) SHR.

```

Figure 38 (Part 3 of 9). CNMJDDNJ

```

ADD DDDEF(ABNJPNL2)
  DA(netview.v1r2m0.ABNJPNL2) SHR.
ADD DDDEF(ACNMCLST)
  DA(netview.v1r2m0.ACNMCLST) SHR.
ADD DDDEF(ACNMINST)
  DA(netview.v1r2m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
  DA(netview.v1r2m0.ACNMLINK) SHR.
ADD DDDEF(ADSIMSG1)
  DA(netview.v1r2m0.ADSIMSG1) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v1r2m0.ADUIMSG1) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v1r2m0.ADSIOPEN) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v1r2m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v1r2m0.ADSIPRF ) SHR.
ADD DDDEF(ACNMPNL1)
  DA(netview.v1r2m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v1r2m0.ACNMSAMP) SHR.
ADD DDDEF(AEGVPS21)
  DA(netview.v1r2m0.AEGVPS21) SHR.
ADD DDDEF(AEKGCAS1)
  DA(netview.v1r2m0.AEKGCAS1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v1r2m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v1r2m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v1r2m0.AEKGMOD1) SHR.
ADD DDDEF(AEKGSMP1)
  DA(netview.v1r2m0.AEKGSMP1) SHR.
ADD DDDEF(ACNMMAC1 )
  DA(netview.v1r2m0.ACNMMAC1) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v1r2m0.ANVULIB ) SHR.
ENDUCL.

```

Figure 38 (Part 4 of 9). CNMJDDNJ

```

SET BDY(dlib1)                /* <=3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(ABNJPNL2)
  DA(netview.v1r2m0.ABNJPNL2) SHR.
ADD DDDEF(ACNMCLST)
  DA(netview.v1r2m0.ACNMCLST) SHR.
ADD DDDEF(ACNMINST)
  DA(netview.v1r2m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
  DA(netview.v1r2m0.ACNMLINK) SHR.
ADD DDDEF(ADSIMSG1)
  DA(netview.v1r2m0.ADSIMSG1) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v1r2m0.ADUIMSG1) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v1r2m0.ADSIOPEN) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v1r2m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v1r2m0.ADSIPRF ) SHR.
ADD DDDEF(ACNMPNL1)
  DA(netview.v1r2m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v1r2m0.ACNMSAMP) SHR.
ADD DDDEF(AEGVPS21)
  DA(netview.v1r2m0.AEGVPS21) SHR.
ADD DDDEF(AEKGCAS1)
  DA(netview.v1r2m0.AEKGCAS1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v1r2m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v1r2m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v1r2m0.AEKGMOD1) SHR.
ADD DDDEF(AEKGSMPI)
  DA(netview.v1r2m0.AEKGSMPI) SHR.
ADD DDDEF(ACNMMAC1)
  DA(netview.v1r2m0.ACNMMAC1) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v1r2m0.ANVULIB ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ENDUCL.
/**

```

Figure 38 (Part 5 of 9). CNMJDDNJ

```

/*DDDEF2 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
//DDDEF2 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SEZLCLST) /* TARGET LIBRARY ZONE DDDEFS */
DA(netview.v1r2m0.SEZLCLST) SHR.
ADD DDDEF(SEZLLINK)
DA(netview.v1r2m0.SEZLLINK) SHR.
ADD DDDEF(SEZLINST)
DA(netview.v1r2m0.SEZLINST) SHR.
ADD DDDEF(SEZLPNLU)
DA(netview.v1r2m0.SEZLPNLU) SHR.
ADD DDDEF(SEZLSAMP)
DA(netview.v1r2m0.SEZLSAMP) SHR.
ADD DDDEF(AEZLCLST)
DA(netview.v1r2m0.AEZLCLST) SHR.
ADD DDDEF(AEZLLINK)
DA(netview.v1r2m0.AEZLLINK) SHR.
ADD DDDEF(AEZLINST)
DA(netview.v1r2m0.AEZLINST) SHR.
ADD DDDEF(AEZLPNLU)
DA(netview.v1r2m0.AEZLPNLU) SHR.
ADD DDDEF(AEZLSAMP)
DA(netview.v1r2m0.AEZLSAMP) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(AEZLCLST) /* DISTRIBUTION LIBRARY ZONE DDDEFS */
DA(netview.v1r2m0.AEZLCLST) SHR.
ADD DDDEF(AEZLLINK)
DA(netview.v1r2m0.AEZLLINK) SHR.
ADD DDDEF(AEZLINST)
DA(netview.v1r2m0.AEZLINST) SHR.
ADD DDDEF(AEZLPNLU)
DA(netview.v1r2m0.AEZLPNLU) SHR.
ADD DDDEF(AEZLSAMP)
DA(netview.v1r2m0.AEZLSAMP) SHR.
ENDUCL.
/*

```

Figure 38 (Part 6 of 9). CNMJDDNJ

```

/*DDDEF3 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
//DDDEF3 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/*
/* ADDITIONAL DATA SETS NEEDED
/* FOR INSTALLING NETVIEW
/* JAPANESE
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SCNMPNL2)
DA(netview.v1r2m0.SCNMPNL2) SHR.
ADD DDDEF(SBNJPNL3)
DA(netview.v1r2m0.SBNJPNL3) SHR.
ADD DDDEF(SCNMMJPN)
DA(netview.v1r2m0.SCNMMJPN) SHR.
ADD DDDEF(SEGVPS22)
DA(netview.v1r2m0.SEGVPS22) SHR.
ADD DDDEF(SEKGPL2)
DA(netview.v1r2m0.SEKGPL2) SHR.
ADD DDDEF(ACNMMJPN)
DA(netview.v1r2m0.ACNMMJPN) SHR.
ADD DDDEF(ABNJPNL3)
DA(netview.v1r2m0.ABNJPNL3) SHR.
ADD DDDEF(ACNMPNL2)
DA(netview.v1r2m0.ACNMPNL2) SHR.
ADD DDDEF(AEGVPS22)
DA(netview.v1r2m0.AEGVPS22) SHR.
ADD DDDEF(AEKGPL2)
DA(netview.v1r2m0.AEKGPL2) SHR.
ENDUCL.

```

Figure 38 (Part 7 of 9). CNMJDDNJ


```

SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(ACNMMJPN)
    DA(netview.v1r2m0.ACNMMJPN) SHR.
  ADD DDDEF(ABNJPNL3)
    DA(netview.v1r2m0.ABNJPNL3) SHR.
  ADD DDDEF(ACNMPNL2)
    DA(netview.v1r2m0.ACNMPNL2) SHR.
  ADD DDDEF(AEGVPS22)
    DA(netview.v1r2m0.AEGVPS22) SHR.
  ADD DDDEF(AEKGPNL2)
    DA(netview.v1r2m0.AEKGPNL2) SHR.
ENDUCL.
/*
/*DDDEF4 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
/*DDDEF4 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/*
/* ADDITIONAL DATA SETS NEEDED
/* FOR INSTALLING ENTERPRISE
/* NETVIEW
//SMPCNTL DD *
  SET BDY(tgt1)          /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
  ADD DDDEF(SFLBDAT1)
    DA(netview.v1r2m0.SFLBDAT1) SHR.
  ADD DDDEF(AFLBDAT1)
    DA(netview.v1r2m0.AFLBDAT1) SHR.
ENDUCL.
SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(AFLBDAT1)
    DA(netview.v1r2m0.AFLBDAT1) SHR.
ENDUCL.
/*
/*

```

Figure 38 (Part 8 of 9). CNMJDDNJ

```

/*DDDEF5 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*SMPLOG DD DSN=netview.SMPLOG,DISP=MOD /* <==1 SMPLOG DD */
//DDDEF5 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/* SMP/E DATA SETS NEEDED FOR
/* INSTALLING TME 10 NETVIEW
//SMPCNTL DD *
SET BDY(tgt1) /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(SMPLOG)
DA(netview.SMPLOG) SHR.
ADD DDDEF(SMPLOGA)
DA(netview.SMPLOGA) SHR.
ADD DDDEF(SMPLTS)
DA(netview.SMPLTS) SHR.
ADD DDDEF(SMPMTS)
DA(netview.SMPMTS) SHR.
ADD DDDEF(SMPPTS)
DA(netview.SMPPTS) SHR.
ADD DDDEF(SMPSCDS)
DA(netview.SMPSCDS) SHR.
ADD DDDEF(SMPSTS)
DA(netview.SMPSTS) SHR.
ENDUCL.
SET BDY(dlib1) /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(SMPLOG)
DA(netview.SMPLOG) SHR.
ADD DDDEF(SMPLOGA)
DA(netview.SMPLOGA) SHR.
ADD DDDEF(SMPLTS)
DA(netview.SMPLTS) SHR.
ADD DDDEF(SMPMTS)
DA(netview.SMPMTS) SHR.
ADD DDDEF(SMPPTS)
DA(netview.SMPPTS) SHR.
ADD DDDEF(SMPSCDS)
DA(netview.SMPSCDS) SHR.
ADD DDDEF(SMPSTS)
DA(netview.SMPSTS) SHR.
ENDUCL.
/*
//

```

Figure 38 (Part 9 of 9). CNMJDDNJ

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

If you are going to run components requiring PL/I and C/370 HLL support, you need to modify and run CNMJDDPC. See the instructions in the sample job for more information.

Figure 39 on page 96 shows sample CNMJDDPC.

```

//CNMJDDPC JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJDDPC **
//**
//** FUNCTION: **
//** DEFINE TME 10 NETVIEW TARGET AND DLIB DATA SETS **
//** NEEDED FOR PL/I COMPONENTS (FMID JPZ8301) AND **
//** C/370 COMPONENTS (FMID JPZ8302) 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING **
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL **
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE JCL. **
//** CHANGE netview.GLOBAL.CSI TO THE DATASET **
//** NAME OF YOUR GLOBAL CSI. CNMJSMPE IS A **
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND **
//** CAN BE USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL OVERRIDE **
//** DDDEFS IN SMP/E. **
//** 2. YOUR SMP/E TARGET ZONE **

```

Figure 39 (Part 1 of 3). CNMJDDPC

```

/**      3. YOUR SMP/E DLIB ZONE      **
/**      4. YOU MUST CHANGE pli.v2r3m0 TO BE THE      **
/**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE      **
/**      FOR PL/I.      **
/**      5. YOU MUST CHANGE c370.v2r1m0 TO BE THE      **
/**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE      **
/**      FOR C/370.      **
/**      STEPS:      **
/**      DDDEF1A (ANY NETVIEW'S NEEDING PL/I)      **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR PL/I COMPONENTS (FMID JPZ8301)      **
/**      DDDEF1B (ANY NETVIEW'S NEEDING C/370)      **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR C/370 COMPONENTS (FMID JPZ8302)      **
/**      **
/**      EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY      **
/**      EXIST)      **
/**      **
/**      ACTIVITY:      **
/**      *****
/**      *****
/**
/** DDDEF1A EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/** SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/** 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(pli.v2r3m0.SIBMBASE) SHR.
ADD DDDEF(PLIBASE)
DA(pli.v2r3m0.PLIBASE) SHR.
ENDUCL.

```

Figure 39 (Part 2 of 3). CNMJDDPC

```

SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SIBMBASE)
    DA(pli.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(PLIBASE)
    DA(pli.v2r3m0.PLIBASE) SHR.
ENDUCL.
/*
/*DDDEF1B EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/*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.
/*
//

```

Figure 39 (Part 3 of 3). CNMJDDPC

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

If you are going to run RODM with PL/I HLL support, you need to modify and run CNMJDDMP.

Note: The DDDEFs for PL/I method support are replicated in the CNMJDDMC DDDEF job; therefore, if you are installing PL/I and C HLL support for methods, only run the CNMJDDMC DDDEF job. It is not necessary to run both CNMJDDMP and CNMJDDMC.

See the instructions in the sample job for more information.

Figure 40 on page 99 shows sample CNMJDDMP.

```

//CNMJDDMP JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998
//** 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.
//**
//** PROCEDURE: CNMJDDMP
//**
//** FUNCTION:
//** DEFINE TME 10 NETVIEW TARGET AND DLIB DATA SETS
//** FOR RODM METHODS USING PL/I (FMIDs JPZ8306 AND
//** JPZ8346) 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS
//** DDDEFS OR ON DD STATEMENTS IN THE JCL.
//** CHANGE netview.GLOBAL.CSI TO THE DATASET
//** NAME OF YOUR GLOBAL CSI. CNMJSMP IS A
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND
//** CAN BE USED INSTEAD OF INVOKING SMP/E
//** DIRECTLY. USING THIS PROC WILL OVERRIDE
//** DDDEFS IN SMP/E.
//** 2. YOUR SMP/E TARGET ZONE
//** 3. YOUR SMP/E DLIB ZONE
//** 4. YOU MUST CHANGE pli.v2r3m0 TO BE THE
//** SAME AS THE HIGH LEVEL QUALIFIER YOU USE
//** FOR PL/I.

```

Figure 40 (Part 1 of 3). CNMJDDMP

```

/**          STEPS:          **
/**          **          **
/**          DDDEF1D (METHODS USING PL/I)          **
/**          THIS STEP WILL DEFINE THE DATA SETS NEEDED          **
/**          FOR USING RODM ONLY          **
/**          (FMIDs JPZ8306 AND JPZ8346)          **
/**          **          **
/**          EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY          **
/**          EXIST)          **
/**          **          **
/**          ACTIVITY:          **
/**          *****          **
/**          *****          **
/**          **          **
/**          THE FOLLOWING THREE STEPS ARE FOR YOU TO USE WHEN LINKING THE          **
/**          METHODS (JPZ8306 AND JPZ8346) FMIDs. 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 STEPS FOR JPZ8306 AND JPZ8346. IF YOU WILL ONLY BE          **
/**          USING PL/I AS YOUR HIGH LEVEL LANGUAGE, THEN USE DDDEF1D.          **
/**          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          **
/**          APPLIES FOR JPZ8306 AND JPZ8346 WILL BE LOOKING FOR ALL 3          **
/**          DDNAMES.          **
/**          **          **
/**          DDDEF1D EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */          **
/**          SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */          **
/**          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.          **

```

Figure 40 (Part 2 of 3). CNMJDDMP


```

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

```

Figure 40 (Part 3 of 3). CNMJDDMP

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

If you are going to run with PL/I and C/370 HLL support, you need to modify and run CNMJDDMC.

Note: The DDDEFs for PL/I method support are replicated in the CNMJDDMC DDDEF job; therefore, you only need to run the CNMJDDMC DDDEF job. Do not run CNMJDDMP with CNMJDDMC. See the instructions in the sample job for more information.

Figure 41 on page 102 shows sample CNMJDDMC.

```

//CNMJDDMC JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//** **
//** PROCEDURE: CNMJDDMC **
//** **
//** FUNCTION: **
//** DEFINE TME 10 NETVIEW TARGET AND DLIB DATA SETS **
//** FOR RODM, GMFHS, AND SNATM METHODS USING PL/I & **
//** C/370. **
//** **
//** 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. SMP/E PROCEDURE NAME. IF YOU ARE INVOKING **
//** SMP/E DIRECTLY USING GIMSMP, BE SURE ALL **
//** DATA SETS REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE JCL. **
//** CHANGE netview.GLOBAL.CSI TO THE DATASET **
//** NAME OF YOUR GLOBAL CSI. CNMJSMP IS A **
//** SAMPLE PROVIDED FOR YOUR CONVENIENCE AND **
//** CAN BE USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL OVERRIDE **
//** DDDEFS IN SMP/E. **
//** 2. YOUR SMP/E TARGET ZONE **
//** 3. YOUR SMP/E DLIB ZONE **
//** 4. YOU MUST CHANGE pli.v2r3m0 TO BE THE **
//** SAME AS THE HIGH LEVEL QUALIFIER YOU USE **
//** FOR PL/I. **

```

Figure 41 (Part 1 of 3). CNMJDDMC

```

/**          5. YOU MUST CHANGE c370.v2r1m0 TO BE THE          **
/**          SAME AS THE HIGH LEVEL QUALIFIER YOU USE          **
/**          FOR C/370.                                         **
/**          STEPS:                                             **
/**          DDDEF1E (METHODS USING PL/I & C/370)             **
/**          THIS STEP WILL DEFINE THE DATA SETS NEEDED       **
/**          FOR USING RODM, GMFHS, AND SNATM                  **
/**          (FMIDs JPZ8306 AND JPZ8346)                       **
/**          EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY **
/**          EXIST)                                             **
/**          ACTIVITY:                                          **
/**          ****
/**          ****
/**          **
/**          THE FOLLOWING STEP IS TO BE USED WHEN LINKING THE METHODS
/**          (JPZ8306 AND JPZ8346) FMIDS. 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 STEPS
/**          FOR JPZ8306 AND JPZ8346. IF YOU WILL ONLY BE USING PL/I AND
/**          C/370 AS YOUR HIGH LEVEL LANGUAGE, THEN USE DDDEF1E. 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
/**          APPLIES FOR JPZ8306 AND JPZ8346 WILL BE LOOKING FOR ALL 3
/**          DDNAMES.

```

Figure 41 (Part 2 of 3). CNMJDDMC

```

/**
/**DDDEF1E EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**DDDEF1E EXEC cnmjsmpe <==1 YOUR SMP/E PROC
/** DATASETS NEEDED FOR
/** INSTALLING METHODS IF YOU ARE
/** USING PL/I AND C AS YOUR HIGH
/** LEVEL LANGUAGES
/**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 41 (Part 3 of 3). CNMJDDMC

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.6 Allocate SMP/E Target and Distribution Libraries

Ensure that the TME 10 NetView for OS/390 Version 1 Release 2 target and distribution libraries have sufficient space. If you are installing an Unattended system, refer to Figure 22 on page 31 and Figure 23 on page 32 for proper sizes. If you are installing a Procedural system refer to Figure 24 on page 33 and Figure 25 on page 35 for proper sizes, and if you are installing a Graphical Enterprise system refer to Figure 26 on page 36 and Figure 27 on page 38. To allow for maintenance, the space allocations in the allocation samples are larger than the actual minimum space required.

Remember, if you first install an Unattended system, and then, at a later time, decide to migrate to a Procedural system, you may need to enlarge some datasets(for example, the panel datasets).

Remember, if you first install an Unattended or Procedural system, and then, at a later time, decide to migrate to a Graphical Enterprise system, you may need to enlarge your datasets. To find out how much larger your datasets must be for a Graphical Enterprise system you should use the charts listed in section 5.2.3, "DASD Storage Requirements" on page 27. In some cases you will need to create new datasets, as there are some datasets that are only used in the Graphical Enterprise system.

If you are installing the NetView program for the first time, the allocation samples, (CNMJALJU, CNMJALJP, and CNMJALJE), can be used to create the target and distribution libraries which are used exclusively by TME 10 NetView for OS/390 Version 1 Release 2.

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 the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*.

6.1.6.1 Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 2 and Its Features

6.1.6.1.1 Unattended TME 10 NetView for OS/390 Version 1 Release 2: For Unattended TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALJU, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries, before proceeding to 6.1.7, "Perform SMP/E RECEIVE" on page 136. CNMJALJU should end with a return code of 0.

```

//CNMJALJU JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998
//** 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.
//**
//** PROCEDURE: CNMJALJU
//**
//** FUNCTION:
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION
//** DATA SETS FOR THE TME 10 NETVIEW UNATTENDED
//** JAPANESE VERSION 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. NetView now provides its own MACLIB, rather
//** than using SYS1.MACLIB. These MACLIBs are
//** called netview.v1r2m0.SCNMMAC1 and
//** netview.v1r2m0.ACNMMAC1.
//**
//** EXPECTED COND CODE: 0000

```

Figure 42 (Part 1 of 9). CNMJALJU

```

/**                                                    **
/**     ACTIVITY:                                       **
/*******
/*******
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
/*******
/**** TARGET LIBRARIES FOR TME 10 NETVIEW UNATTENDED JAPANESE **
/*******
//CNMCLST    DD DSN=&HLQ..&SLQ.CNMCLST,
//            UNIT=&TUNIT,
//            VOL=SER=&TVOLID,
//            SPACE=(8800,(700,,20)),
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//            DISP=(NEW,CATLG)
//CNMLINK    DD DSN=&HLQ..&SLQ.CNMLINK,
//            UNIT=&TUNIT,
//            VOL=SER=&TVOLID,
//            SPACE=(6144,(4000,100,200)),
//            DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//            DISP=(NEW,CATLG)
//SCNMLNK1   DD DSN=&HLQ..&SLQ.SCNMLNK1,
//            UNIT=&TUNIT,
//            VOL=SER=&TVOLID,
//            SPACE=(6144,(10,5,2)),
//            DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//            DISP=(NEW,CATLG)
//SCNMLPA1   DD DSN=&HLQ..&SLQ.SCNMLPA1,
//            UNIT=&TUNIT,
//            VOL=SER=&TVOLID,
//            SPACE=(6144,(15,5,4)),
//            DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//            DISP=(NEW,CATLG)
//SCNMMAC1   DD DSN=&HLQ..&SLQ.SCNMMAC1,
//            UNIT=&TUNIT,
//            VOL=SER=&TVOLID,
//            SPACE=(8800,(1000,250,25)),
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//            DISP=(NEW,CATLG)
//CNMINST    DD DSN=&HLQ..&SLQ.CNMINST,
//            UNIT=&TUNIT,
//            VOL=SER=&TVOLID,
//            SPACE=(8800,(90,5,5)),
//            DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//            DISP=(NEW,CATLG)

```

Figure 42 (Part 2 of 9). CNMJALJU

```

//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(800,50,30)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(120,50,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,4)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(50,5,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SDUIMSG1 DD DSN=&HLQ..&SLQ.SDUIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 42 (Part 3 of 9). CNMJALJU


```

//BNJPNL2 DD DSN=&HLQ..&SLQ.BNJPNL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(25,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6148,(7500,250,10)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(5,5,1)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(600,50,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(150,25,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGSMP1 DD DSN=&HLQ..&SLQ.SEKGSMP1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(500,50,15)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 42 (Part 4 of 9). CNMJALJU

```

//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(100,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(200,25,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 42 (Part 5 of 9). CNMJALJU

```

//SEKGPL2 DD DSN=&HLQ..&SLQ.SEKGPL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,5,4)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//*****
//* DISTRIBUTION LIBRARIES TME 10 NETVIEW UNATTENDED JAPANESE **
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(700,50,20)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(8000,250,750)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(90,10,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(90,15,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ACNMMAC1 DD DSN=&HLQ..&SLQ.ACNMMAC1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(1000,250,40)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(800,60,30)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 42 (Part 6 of 9). CNMJALJU

```

//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(120,25,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPRF  DD DSN=&HLQ..&SLQ.ADSIPRF,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ANVULIB  DD DSN=&HLQ..&SLQ.ANVULIB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(60,5,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(25,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(7500,250,10)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)

```

Figure 42 (Part 7 of 9). CNMJALJU

```

//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1000,250,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,50,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(40,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 42 (Part 8 of 9). CNMJALJU

```

//AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(100,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(200,50,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGPNL2 DD DSN=&HLQ..&SLQ.AEKGPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,          <==1 DATA SET HIGH LEVEL
//          SLQ='v1r2m0.',       <==2 DATA SET SECOND LEVEL
//          TUNIT=disk,          <==3 TGT LIB UNIT TYPE
//          TVOLID=ttttt,        <==4 TGT LIB VOLSER
//          DUNIT=disk,          <==5 DIST LIB UNIT TYPE
//          DVOLID=dddddd        <==6 DIST LIB VOLSER

```

Figure 42 (Part 9 of 9). CNMJALJU

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.6.1.2 Procedural TME 10 NetView for OS/390 Version 1 Release 2: For Procedural TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALJP, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries, before proceeding to 6.1.7, “Perform SMP/E RECEIVE” on page 136. CNMJALJP should end with a return code of 0.

```

//CNMJALJP JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998
//** 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.
//**
//** PROCEDURE: CNMJALJP
//**
//** FUNCTION:
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION
//** DATA SETS FOR THE TME 10 NETVIEW PROCEDURAL
//** JAPANESE VERSION 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. NetView now provides its own MACLIB, rather
//** than using SYS1.MACLIB. These MACLIBs are
//** called netview.v1r2m0.SCNMMAC1 and
//** netview.v1r2m0.ACNMMAC1.
//**
//** EXPECTED COND CODE: 0000
//**
//** ACTIVITY:
//*****

```

Figure 43 (Part 1 of 11). CNMJALJP

```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
//** TARGET LIBRARIES FOR TME 10 NETVIEW PROCEDURAL JAPANESE **
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(700,,20)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(4000,100,200)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,5,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,5,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMMAC1 DD DSN=&HLQ..&SLQ.SCNMMAC1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,250,25)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(90,5,4)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 43 (Part 2 of 11). CNMJALJP


```

//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(800,50,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(700,50,35)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,5,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(50,5,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SDUIMSG1 DD DSN=&HLQ..&SLQ.SDUIMSG1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(10,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 3 of 11). CNMJALJP

```

//BNJPNL2    DD DSN=&HLQ..&SLQ.BNJPNL2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(75,10,10)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SDSIMSG1   DD DSN=&HLQ..&SLQ.SDSIMSG1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(10,5,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SEGVPS21   DD DSN=&HLQ..&SLQ.SEGVPS21,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6148,(7500,250,10)),
//           DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//           DISP=(NEW,CATLG)
//SEKGLNK1   DD DSN=&HLQ..&SLQ.SEKGLNK1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(5,5,1)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGMOD1   DD DSN=&HLQ..&SLQ.SEKGMOD1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(600,50,10)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGMOD2   DD DSN=&HLQ..&SLQ.SEKGMOD2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(150,25,6)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SEKGSMP1   DD DSN=&HLQ..&SLQ.SEKGSMP1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(500,50,15)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)

```

Figure 43 (Part 4 of 11). CNMJALJP

```

//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(60,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4600,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 5 of 11). CNMJALJP

```

//SEKGPL2 DD DSN=&HLQ..&SLQ.SEKGPL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,5,4)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLCLST DD DSN=&HLQ..&SLQ.SEZLCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(4800,10,135)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLINST DD DSN=&HLQ..&SLQ.SEZLINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLPNLU DD DSN=&HLQ..&SLQ.SEZLPNLU,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,50,100)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLSAMP DD DSN=&HLQ..&SLQ.SEZLSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(100,25,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEZLLINK DD DSN=&HLQ..&SLQ.SEZLLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(230,10,15)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)

```

Figure 43 (Part 6 of 11). CNMJALJP

```

//*****
//* DISTRIBUTION LIBRARIES FOR TME 10 NETVIEW PROCEDURAL JAP *
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,,20)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(8000,250,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(90,10,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMAC1 DD DSN=&HLQ..&SLQ.ACNMMAC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1000,250,40)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,250,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,50,35)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 7 of 11). CNMJALJP

```

//ADSIPRF DD DSN=&HLQ..&SLQ.ADSIPRF,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,6)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ANVULIB DD DSN=&HLQ..&SLQ.ANVULIB,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(60,5,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(100,5,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6148,(7500,250,10)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 43 (Part 8 of 11). CNMJALJP

```

//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1000,250,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,50,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,250,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(50,10,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 9 of 11). CNMJALJP

```

//ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4600,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(120,25,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGNL2  DD DSN=&HLQ..&SLQ.AEKGNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLCLST DD DSN=&HLQ..&SLQ.AEZLCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4800,100,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLINST DD DSN=&HLQ..&SLQ.AEZLINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLPNLU DD DSN=&HLQ..&SLQ.AEZLPNLU,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1200,100,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 43 (Part 10 of 11). CNMJALJP


```

//AEZLSAMP DD DSN=&HLQ..&SLQ.AEZLSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLLINK DD DSN=&HLQ..&SLQ.AEZLLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(230,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r2m0.',        <==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=dddddd         <==6 DIST LIB VOLSER

```

Figure 43 (Part 11 of 11). CNMJALJP

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.6.1.3 Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 2: For Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 2 run CNMJALJE, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 2 libraries, before proceeding to 6.1.7, “Perform SMP/E RECEIVE” on page 136. CNMJALJE should end with a return code of 0.

```

//CNMJALJE JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998
//** 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.
//**
//** PROCEDURE: CNMJALJE
//**
//** FUNCTION:
//** ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION DATA
//** SETS FOR THE TME 10 NETVIEW GRAPHICAL ENTERPRISE
//** JAPANESE VERSION 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. NetView now provides its own MACLIB, rather
//** than using SYS1.MACLIB. These MACLIBs are
//** called netview.v1r2m0.SCNMMAC1 and
//** netview.v1r2m0.ACNMMAC1.
//**
//** EXPECTED COND CODE: 0000
//**
//** ACTIVITY:
//*****

```

Figure 44 (Part 1 of 11). CNMJALJE

```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
//** TARGET LIBRARIES FOR NETVIEW ENTERPRISE JAPANESE **
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1200,,100)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(8000,250,200)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,5,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,5,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMMAC1 DD DSN=&HLQ..&SLQ.SCNMMAC1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(1000,250,25)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(90,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 2 of 11). CNMJALJE

```

//CNMPNL1    DD DSN=&HLQ..&SLQ.CNMPNL1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(3200,250,200)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//CNMSAMP    DD DSN=&HLQ..&SLQ.CNMSAMP,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(2000,250,500)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//DSIPARM    DD DSN=&HLQ..&SLQ.DSIPARM,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(700,50,35)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//DSIPRF     DD DSN=&HLQ..&SLQ.DSIPRF,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(15,5,6)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SDSIOPEN   DD DSN=&HLQ..&SLQ.SDSIOPEN,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(15,5,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//NVULIB     DD DSN=&HLQ..&SLQ.NVULIB,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6144,(50,5,10)),
//           DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//           DISP=(NEW,CATLG)
//SDUIMSG1   DD DSN=&HLQ..&SLQ.SDUIMSG1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(15,5,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)

```

Figure 44 (Part 3 of 11). CNMJALJE

```

//BNJPNL2 DD DSN=&HLQ..&SLQ.BNJPNL2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(75,25,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6148,(27000,250,20)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(5,5,1)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(600,50,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(1500,250,25)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SEKGSMP1 DD DSN=&HLQ..&SLQ.SEKGSMP1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(600,50,15)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 4 of 11). CNMJALJE

```

//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SFLBDAT1 DD DSN=&HLQ..&SLQ.SFLBDAT1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(23648,(40,5,6)),
//          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23648),
//          DISP=(NEW,CATLG)
//SCNMPNL2 DD DSN=&HLQ..&SLQ.SCNMPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3000,150,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEGVPS22 DD DSN=&HLQ..&SLQ.SEGVPS22,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(130,50,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//SBNJPNL3 DD DSN=&HLQ..&SLQ.SBNJPNL3,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 5 of 11). CNMJALJE

```

//SCNMMJPN DD DSN=&HLQ..&SLQ.SCNMMJPN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(90,5,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SEKGPL2  DD DSN=&HLQ..&SLQ.SEKGPL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLCLST DD DSN=&HLQ..&SLQ.SEZLCLST,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4800,10,135)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLINST DD DSN=&HLQ..&SLQ.SEZLINST,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLPNLU DD DSN=&HLQ..&SLQ.SEZLPNLU,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(1000,100,100)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLSAMP DD DSN=&HLQ..&SLQ.SEZLSAMP,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEZLLINK DD DSN=&HLQ..&SLQ.SEZLLINK,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(230,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 6 of 11). CNMJALJE

```

//*****
//* DISTRIBUTION LIBRARIES NETVIEW ENTERPRISE JAPANESE **
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,50,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(12000,250,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(90,10,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3500,250,250)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMAC1 DD DSN=&HLQ..&SLQ.ACNMMAC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1000,250,40)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(2000,250,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,50,35)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 7 of 11). CNMJALJE


```

//ADSIPRF DD DSN=&HLQ..&SLQ.ADSIPRF,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,6)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ANVULIB DD DSN=&HLQ..&SLQ.ANVULIB,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(60,5,10)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//ADUIMSG1 DD DSN=&HLQ..&SLQ.ADUIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(100,10,10)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6148,(27000,250,20)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(10,5,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 44 (Part 8 of 11). CNMJALJE

```

//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1600,250,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(500,50,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,5,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,5,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AFLBDAT1 DD DSN=&HLQ..&SLQ.AFLBDAT1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(23648,(40,5,6)),
//          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23648),
//          DISP=(NEW,CATLG)
//ACNMPNL2 DD DSN=&HLQ..&SLQ.ACNMPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3000,150,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 9 of 11). CNMJALJE

```

//AEGVPS22 DD DSN=&HLQ..&SLQ.AEGVPS22,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(200,50,5)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ABNJPNL3 DD DSN=&HLQ..&SLQ.ABNJPNL3,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,250,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMMJPN DD DSN=&HLQ..&SLQ.ACNMMJPN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(100,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGNL2  DD DSN=&HLQ..&SLQ.AEKGNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLCLST DD DSN=&HLQ..&SLQ.AEZLCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4800,10,60)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLINST DD DSN=&HLQ..&SLQ.AEZLINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,5,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLPNLU DD DSN=&HLQ..&SLQ.AEZLPNLU,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(1200,100,150)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 44 (Part 10 of 11). CNMJALJE

```

//AEZLSAMP DD DSN=&HLQ..&SLQ.AEZLSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,10,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEZLLINK DD DSN=&HLQ..&SLQ.AEZLLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(230,10,15)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r2m0.',        <==2 DATA SET SECOND LEVEL
//          TUNIT=disk,           <==3 TGT LIB UNIT TYPE
//          TVOLID=ttttt,        <==4 TGT LIB VOLSER
//          DUNIT=disk,          <==5 DIST LIB UNIT TYPE
//          DVOLID=dddddd        <==6 DIST LIB VOLSER

```

Figure 44 (Part 11 of 11). CNMJALJE

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.7 Perform SMP/E RECEIVE

Edit and submit sample receive job to perform the SMP/E RECEIVE for TME 10 NetView for OS/390 Version 1 Release 2. Consult the instructions in the sample job for more information. Following is a table for each receive job which will receive one or more FMIDs. Depending on which system (Unattended, Procedural or Graphical Enterprise) you are installing, you will need to run different RECEIVE jobs.

Note: If you obtained TME 10 NetView for OS/390 Version 1 Release 2 as part of a CBPDO, you can use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the TME 10 NetView for OS/390 Version 1 Release 2 FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included with the CBPDO. Figure 45 will show you which RECEIVE jobs to run, and which FMIDs they will RECEIVE.

<i>Figure 45. Which Receive Jobs to Run</i>		
System ordered	RECEIVE jobs to run	FMIDs received
Unattended	CNMJRC05	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306
Procedural	CNMJRC05 CNMJRC25	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325
Graphical Enterprise	CNMJRC05 CNMJRC25 CNMJRC45 CNMJRC55	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355

Note: The base component (FMID HPZ8300) 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 one job.

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 46 through 49 show the RECEIVE samples.

Note: You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'CNMJRCxx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

The following JCL should be run for Unattended, Procedural, and Graphical Enterprise.

```

//CNMJRC05 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJRC05 **
//**
//** 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 HPZ8300 FUNCTION (NETVIEW UNATT. BASE) **
//** RECEIVE THE JPZ8301 FUNCTION (NETVIEW UNATT. PL/I) **
//** RECEIVE THE JPZ8302 FUNCTION (NETVIEW UNATT. C/370) **
//** RECEIVE THE JPZ8305 FUNCTION (UNATTENDED JAPANESE) **
//** RECEIVE THE JPZ8306 FUNCTION (UNATTENDED METHODS) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW UNATTENDED JAPANESE **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 NETVIEW ENTERPRISE JAPANESE **

```

Figure 46 (Part 1 of 3). CNMJRC05

```

/**
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. SMP/E PROCEDURE NAME.  IF YOU ARE
/**
        INVOKING SMP/E DIRECTLY USING
/**
          GIMSMP, BE SURE ALL DATA SETS
/**
            REQUIRED BY SMP/E ARE DEFINED AS
/**
              DDDEFS OR ON DD STATEMENTS IN THE
/**
                JCL.  CHANGE netview.GLOBAL.CSI TO
/**
                  THE DATASET NAME OF YOUR GLOBAL
/**
                    CSI.  CNMJSMPE IS A SAMPLE PROVIDED
/**
                      FOR YOUR CONVENIENCE AND CAN BE
/**
                        USED INSTEAD OF INVOKING SMP/E
/**
                          DIRECTLY.  USING THIS PROC WILL
/**
                            OVERRIDE DDDEFS IN SMP/E.
/**
          2. YOUR NETVIEW TARGET VOLUME
/**
          3. YOUR UNIT NAME FOR TAPE DRIVES
/**
          4. HIGH LEVEL OF THE SMP/E SMPLOG AND
/**
            SMPPTS DATA SETS.
/**
OUTPUT:
/**
  THE CONDITION CODE FOR THIS JOB SHOULD BE 0.
/**
ACTIVITY:
/**
//*****

```

Figure 46 (Part 2 of 3). CNMJRC05

```

//*****
//*CNMJRC05 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
//*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
//CNMJRC05 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
// VOL=SER=tlivvol <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=JZ8300,
// UNIT=tape,LABEL=(1,SL), <==3 UNIT NAME
// DISP=OLD
//SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
//SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
//SMPCNTL DD *
SET BDY(GLOBAL) .
RECEIVE S(
    HPZ8300 /* NETVIEW UNATTENDED */
    JPZ8301 /* NETVIEW UNATT. PL/I */
    JPZ8302 /* NETVIEW UNATT. C/370 */
    JPZ8305 /* NETVIEW UNATT. JAPANESE */
    JPZ8306 /* NETVIEW UNATT. METHODS */
)
SYSMODS
LIST
.
/*
//

```

Figure 46 (Part 3 of 3). CNMJRC05

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

The following JCL should be run for Procedural and Graphical Enterprise.


```

//CNMJRC25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** 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 JPZ8320 FUNCTION (PROCEDURAL BASE) **
//** RECEIVE THE JPZ8325 FUNCTION (PROCEDURAL JAPANESE)**
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMPE IS A SAMPLE PROVIDED **

```

Figure 47 (Part 1 of 2). CNMJRC25

```

/**          FOR YOUR CONVENIENCE AND CAN BE      **
/**          USED INSTEAD OF INVOKING SMP/E      **
/**          DIRECTLY. USING THIS PROC WILL     **
/**          OVERRIDE DDDEFS IN SMP/E.         **
/**          2. YOUR NETVIEW TARGET VOLUME     **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
/**          SMPPTS DATA SETS.                **
/**          **                                  **
/**          OUTPUT:                            **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                  **
/**          ACTIVITY:                          **
/**          **                                  **
/**          *****                            **
/**          *****                            **
/**          /*CNMJRC25 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*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=JZ8320,
/**          //          UNIT=tape,LABEL=(1,SL),        <==3 UNIT NAME
/**          //          DISP=OLD
/**          /*SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
/**          /*SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
/**          /*SMPCNTL DD *
/**          SET      BDY(GLOBAL) .
/**          RECEIVE S(
/**                   JPZ8320          /* NETVIEW PROCEDURAL BASE */
/**                   JPZ8325          /* NETVIEW PROCEDURAL JAPANESE */
/**                   )
/**          SYSMODS
/**          LIST
/**          .
/**
/**

```

Figure 47 (Part 2 of 2). CNMJRC25

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

The following JCL should be run for Graphical Enterprise.

```

//CNMJRC45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** 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 JPZ8340 FUNCTION (ENTERPRISE BASE) **
//** RECEIVE THE JPZ8345 FUNCTION (ENTERPRISE JAPANESE) **
//** RECEIVE THE JPZ8346 FUNCTION (GMFHS/SNATM METHODS) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 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: **

```

Figure 48 (Part 1 of 2). CNMJRC45

```

/**          1. SMP/E PROCEDURE NAME. IF YOU ARE      **
/**          INVOKING SMP/E DIRECTLY USING           **
/**          GIMSMP, BE SURE ALL DATA SETS         **
/**          REQUIRED BY SMP/E ARE DEFINED AS        **
/**          DDDEFS OR ON DD STATEMENTS IN THE     **
/**          JCL. CHANGE netview.GLOBAL.CSI TO     **
/**          THE DATASET NAME OF YOUR GLOBAL       **
/**          CSI. CNMJSMP IS A SAMPLE PROVIDED     **
/**          FOR YOUR CONVENIENCE AND CAN BE       **
/**          USED INSTEAD OF INVOKING SMP/E        **
/**          DIRECTLY. USING THIS PROC WILL        **
/**          OVERRIDE DDDEFS IN SMP/E.            **
/**          2. YOUR NETVIEW TARGET VOLUME         **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES     **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
/**          SMPPTS DATA SETS.                    **
/**          **                                     **
/**          OUTPUT:                               **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                     **
/**          ACTIVITY:                             **
/**          **                                     **
/**          *****                               **
/**          *****                               **
/**          /*CNMJRC45 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*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=JZ8340,
/**          //          UNIT=tape,LABEL=(1,SL),        <==3 UNIT NAME
/**          //          DISP=OLD
/**          /*SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
/**          /*SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
/**          /*SMPCNTL DD *
/**          SET     BDY(GLOBAL) .
/**          RECEIVE S(
/**                   JPZ8340 /* NETVIEW ENTERPRISE BASE */
/**                   JPZ8345 /* TME 10 ENTERPRISE JAPANESE */
/**                   JPZ8346 /* TME 10 ENTERPRISE GMFHS/SNATM METHODS*/
/**                   )
/**                   SYSMODS
/**                   LIST
/**                   .
/**
/**

```

Figure 48 (Part 2 of 2). CNMJRC45

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

The following JCL should be run for Graphical Enterprise.

```

//CNMJRC55 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1998 **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC55 **
//**
//** FUNCTION: **
//** THE FMID IS ADDED TO THE SMP/E DATABASE AND THE **
//** REL FILES ASSOCIATED WITH THE FMID ARE UNLOADED **
//** FROM THE TAPE AND PLACED ON THE TARGET VOLUME. **
//**
//**
//** RECEIVE THE JPZ8355 FUNCTION (ENTERPRISE WORKSTATION) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 49 (Part 1 of 2). CNMJRC55

```

/**          2. YOUR NETVIEW TARGET VOLUME          **
/**          3. YOUR UNIT NAME FOR TAPE DRIVES       **
/**          4. HIGH LEVEL OF THE SMP/E SMPLOG AND   **
/**          SMPPTS DATA SETS.                     **
/**          **                                     **
/**          OUTPUT:                                **
/**          THE CONDITION CODE FOR THIS JOB SHOULD BE 0. **
/**          **                                     **
/**          ACTIVITY:                              **
/**          **                                     **
/**          *****                               **
/**          *****                               **
/**          /*CNMJRC55 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJRC55 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=JZ8355,
/**          UNIT=tape,LABEL=(1,SL),        <==3 UNIT NAME
/**          DISP=OLD
/**          /*SMPLOG DD DSN=netview.SMPLOG,DISP=SHR <==4
/**          /*SMPPTS DD DSN=netview.SMPPTS,DISP=SHR <==4
/**          /*SMPCNTL DD *
/**          SET BDY(GLOBAL) .
/**          RECEIVE S(
/**          JPZ8355 /* TME 10 ENTERPRISE WORKSTATION - JAP */
/**          )
/**          SYSMODS
/**          LIST
/**          .
/**
/**

```

Figure 49 (Part 2 of 2). CNMJRC55

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.8 RECEIVE the Cumulative Service Tape

NOTE: This step is bypassed if receiving the product from a CBPDO.

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.9 Perform SMP/E APPLY

If you have previously installed NetView or NCCF into target libraries that you will continue to use with TME 10 NetView for OS/390 Version 1 Release 2, you will need to let SMP/E remove the old NetView or NCCF from those target libraries at APPLY time. See section 6.1.9.2, “APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed” on page 156 for more information.

Each APPLY job supplied in NETVIEW.V1R2M0.INSTALL will apply one or more FMIDs. Depending on which system (Unattended, Procedural or Graphical Enterprise) you are installing, you will need to run different APPLY jobs. Figure 50 will show you which APPLY jobs to run, and which FMIDs they will apply.

Note 1 It is **strongly** recommended that you APPLY the NetView components in the order listed for your system in Figure 50. This is because TME 10 NetView for OS/390 Version 1 Release 2 has many dependencies between components. These dependencies will cause unresolved external reference messages to be generated during the APPLY. The list shown in Figure 60 on page 164 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 TME 10 NetView for OS/390 Version 1 Release 2

Note 2 Apply all FMIDs listed for each NetView type in Figure 50 to ensure successful linkedits.

Note 3 You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'CNMJAPxx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

<i>Figure 50. Which APPLY Jobs to Run</i>		
System ordered	APPLY jobs to run	FMIDs applied
Unattended	CNMJAP05	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306
Procedural	CNMJAP05 CNMJAP25	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325
C Runtime	See Note(1) Below	HPZ8330
Graphical Enterprise	CNMJAP05 CNMJAP25 CNMJAP45	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355
Note(1) For installing FMID HPZ8330 refer to the NetView C Runtime Language Program Directory GI10-4811. If you are installing the Graphical Enterprise Option you MUST install HPZ8330 prior to or concurrently with JPZ8340.		

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 HPZ8300 before applying JPZ8301 or JPZ8302.

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 TME 10 NetView for OS/390 Version 1 Release 2 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 4. In order to keep the APPLY step from ending prematurely, you must set SMP/E to allow a return code of 4. (This is done automatically if you use the SMP/E sample installation jobs provided). This can also be done by using the SMP/E dialogs or UCLIN to set the return code for specific utilities such as IEWL, the linkage editor.

Expected Return Codes and Messages: 04 for CNMJAP05, 00 for CNMJAP25, and 00 for CNMJAP45.

Figures 51 through 53 show the APPLY samples.

```

//CNMJAP05 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJAP05 **
//**
//** 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: **
//** TME 10 NETVIEW UNATTENDED JAPANESE **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 51 (Part 1 of 2). CNMJAP05

```

/**          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.                          **
/**          4. UNCOMMENT THE CHECK OPERAND IF **
/**          YOU WANT TO DO AN APPLY CHECK     **
/**          BEFORE THE APPLY.                 **
/**          **                                 **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT **
/**          >>>> TO APPLY.                     **
/**          **                                 **
/**          ACTIVITY:                          **
/**          **                                 **
/**          *****                           **
/**          *****                           **
/**          /*CNMJAP05 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAP05 EXEC cnmjsmpe                <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(tgt1) .                /* <==2 YOUR TARGET ZONE*/
          APPLY SELECT
          (                                     /* <==3 FMIDS          */
          HPZ8300 /* NETVIEW UNATTENDED BASE          */
          JPZ8301 /* NETVIEW UNATTENDED PL/I          */
          JPZ8302 /* NETVIEW UNATTENDED C/370         */
          JPZ8305 /* NETVIEW UNATTENDED JAPANESE     */
          JPZ8306 /* NETVIEW UNATTENDED METHODS      */
          )
          /* CHECK          /* 4 <== CHECK OPERAND    */
          .
          /*
          //

```

Figure 51 (Part 2 of 2). CNMJAP05

Expected Return Codes and Messages: The job is considered successful if return code 4 is received.

```

//CNMJAP25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJAP25 **
//**
//** 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: **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 52 (Part 1 of 2). CNMJAP25

```

/**          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.                        **
/**          4. UNCOMMENT THE CHECK OPERAND IF **
/**          YOU WANT TO DO AN APPLY CHECK    **
/**          BEFORE THE APPLY.                **
/**          **                                **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT **
/**          >>>> TO APPLY.                    **
/**          **                                **
/**          ACTIVITY:                        **
/**          **                                **
/**          *****                          **
/**          *****                          **
/**          /*CNMJAP25 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAP25 EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(tgt1) .          /* <==2 YOUR TARGET ZONE*/
          APPLY SELECT
          (
          /* <==3 FMIDS          */
          JPZ8320 /* NETVIEW PROCEDURAL BASE          */
          JPZ8325 /* NETVIEW PROCEDURAL JAPANESE     */
          )
          /* CHECK          /* 4 <== CHECK OPERAND          */
          .
/*
//

```

Figure 52 (Part 2 of 2). CNMJAP25

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

Note: WARNING - If you are installing the Graphical Enterprise Option you **MUST** install HPZ8330 prior to or concurrently with JPZ8340. For information on installing FMID HPZ8330, refer to the NetView C Runtime Language Program Directory GI10-4811.

```

//CNMJAP45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJAP45 **
//**
//** 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: **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 53 (Part 1 of 2). CNMJAP45

```

/**          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.                        **
/**          4. UNCOMMENT THE CHECK OPERAND IF **
/**          YOU WANT TO DO AN APPLY CHECK    **
/**          BEFORE THE APPLY.                **
/**          **                                **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU **
/**          >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT **
/**          >>>> TO APPLY.                    **
/**          **                                **
/**          ACTIVITY:                        **
/**          **                                **
/**          *****                          **
/**          *****                          **
/**          /*CNMJAP45 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAP45 EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(tgt1) .          /* <==2 YOUR TARGET ZONE*/
          APPLY SELECT
          (
          /* <==3 FMIDS          */
          JPZ8340 /* NETVIEW ENTERPRISE BASE          */
          JPZ8345 /* NETVIEW ENTERPRISE JAPANESE     */
          JPZ8346 /* NETVIEW ENTERPRISE RODM METHODS */
          JPZ8355 /* NETVIEW ENTERPRISE WORKSTATION  */
          )
          /* CHECK          /* 4 <== CHECK OPERAND          */
.
/*
//

```

Figure 53 (Part 2 of 2). CNMJAP45

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.9.1 Subdividing the APPLY of TME 10 NetView for OS/390 Version 1 Release 2

Because of the number of FMIDs in TME 10 NetView for OS/390 Version 1 Release 2 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.

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 HPZ8300 or JPZ8320.

6.1.9.2 APPLYing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed

You should do either 6.1.9.2.1, “Deleting a Previous Release of NCCF or NetView” or 6.1.9.2.2, “Running with a Previous Release of NCCF or NetView” on page 157, but not both.

6.1.9.2.1 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 TME 10 NetView for OS/390 Version 1 Release 2, but you do not want to continue using this release after your TME 10 NetView for OS/390 Version 1 Release 2 install, you will need to use SMP/E to remove the old NetView or NCCF from those libraries when SMP/E installs TME 10 NetView for OS/390 Version 1 Release 2.

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 TME 10 NetView for OS/390 Version 1 Release 2 modules.

For SMP/E 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/E zone.
- Since TME 10 NetView for OS/390 Version 1 Release 2 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/E can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 54 shows an example of possible DD statements. Figure 55 on page 157 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 54. 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 55. 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/E 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/E 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. If you have a previous version of MSM or AON/ANO installed you will need to delete those data sets as well.
- 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 the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*).

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 the *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236*) before actually APPLYing TME 10 NetView for OS/390 Version 1 Release 2.

6.1.9.2.2 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 TME 10 NetView for OS/390 Version 1 Release 2 install, you MUST use separate SMP/E target zones for your TME 10 NetView for OS/390 Version 1 Release 2 install. After your period of testing TME 10 NetView for OS/390 Version 1 Release 2 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/E 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 TME 10 NetView for OS/390 Version 1 Release 2 in a separate CSI(s) or zone(s) from the previous release. A sample of how this can be done is provided in Figure 56 on page 159 and Figure 57 on page 161. The symbol *fmid2del* would be replaced by the base FMID of the actual release you have installed. Figure 58 on page 163 lists the releases prior to TME 10 NetView for OS/390 Version 1 Release 2. The symbol *nvdelet* is the dummy FMID used for the delete processing. You could use NVDELETE as the FMID or you can supply another FMID if you prefer.

Note: You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMP. If you need to do so, uncomment the following statement after the 'DELETx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

```

//CNMJDLT1 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//** LICENSED MATERIALS - PROPERTY OF IBM          **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//*****
//**                                                  **
//**   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 56 (Part 1 of 2). CNMJDLT1

```

/**          1. SMP/E PROCEDURE NAME. IF YOU ARE          **
/**          INVOKING SMP/E DIRECTLY USING              **
/**          GIMSMP, BE SURE ALL DATA SETS            **
/**          REQUIRED BY SMP/E ARE DEFINED AS          **
/**          DDDEFS OR ON DD STATEMENTS IN THE        **
/**          JCL. CHANGE netview.GLOBAL.CSI TO        **
/**          THE DATASET NAME OF YOUR GLOBAL          **
/**          CSI. CNMJSMP IS A SAMPLE PROVIDED        **
/**          FOR YOUR CONVENIENCE AND CAN BE          **
/**          USED INSTEAD OF INVOKING SMP/E          **
/**          DIRECTLY. USING THIS PROC WILL          **
/**          OVERRIDE DDDEFS IN SMP/E.              **
/**          2. UNIT TYPE OF DISK CONTAINING CSI      **
/**          3. VOLUME SERIAL OF DISK CONTAINING      **
/**          CSI                                       **
/**          4. NAME OF YOUR SMP/E SMPPTS DATASET     **
/**          5. NAME OF DUMMY FMID YOU WILL USE      **
/**          YOU CAN USE UPPERCASE NVDELETE          **
/**          6. NAME OF THE FMID YOU WISH TO DELETE  **
/**          7. YOUR SMP/E GLOBAL ZONE                **
/**          8. YOUR SMP/E TARGET ZONE               **
/**          9. YOUR SMP/E DLIB ZONE                  **
/**          **                                        **
/**          EXPECTED COND CODE: 0000                **
/**          **                                        **
/**          *****                                  **
/**          *****                                  **
/**          /*DELET1 EXEC PGM=GIMSMP,REGION=4096K    /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          //DELET1 EXEC cnmjsmpe                  <==1 YOUR SMP/E PROC
/**          //SMPTLIB DD UNIT=disk,DISP=OLD,         <==2 DASD UNIT TYPE
/**          //      VOL=SER=dddddd                  <==3 VOLUME NAME
/**          //SMPPTS DD DSN=netview.smppts,DISP=SHR <==4 YOUR SMP/E SMPPTS
/**          //SMPPTFIN DD *
++FUNCTION(nvdelete).          /* <==5 DUMMY FMID      */
++VER(Z038) DELETE(fmid2del). /* <==6 FMID TO DELETE */
//SMPCNTL DD *
  SET BDY(global).            /* <==7 SMP/E GLOBAL ZONE */
  RECEIVE SELECT (nvdelete).  /* <==5 DUMMY FMID      */
  SET BDY(tgt1).              /* <==8 SMP/E TARGET ZONE */
  APPLY SELECT (nvdelete).    /* <==5 DUMMY FMID      */
  SET BDY(dlib1).             /* <==9 SMP/E DLIB ZONE */
  ACCEPT SELECT (nvdelete).   /* <==5 DUMMY FMID      */
/*

```

Figure 56 (Part 2 of 2). CNMJDLT1

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

```

//CNMJDLT2 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//*  LICENSED MATERIALS - PROPERTY OF IBM          **
//*  5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//*  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. **
//*****
//**
//**      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. SMP/E PROCEDURE NAME.  IF YOU ARE          **
//**      INVOKING SMP/E DIRECTLY USING                 **
//**      GIMSMP, BE SURE ALL DATA SETS                **
//**      REQUIRED BY SMP/E ARE DEFINED AS               **
//**      DDDEFS OR ON DD STATEMENTS IN THE             **
//**      JCL.  CHANGE netview.GLOBAL.CSI TO           **
//**      THE DATASET NAME OF YOUR GLOBAL              **
//**      CSI.  CNMJSMP.E IS A SAMPLE PROVIDED         **
//**      FOR YOUR CONVENIENCE AND CAN BE              **
//**      USED INSTEAD OF INVOKING SMP/E               **
//**      DIRECTLY.  USING THIS PROC WILL              **
//**      OVERRIDE DDDEFS IN SMP/E.                   **
//**      2. CHANGE TGT1 TO THE NAME OF YOUR          **
//**      SMP/E TARGET ZONE                             **
//**      3. CHANGE FMID2DEL TO THE FMID YOU          **
//**      WANT TO DELETE                               **

```

Figure 57 (Part 1 of 2). CNMJDLT2

```

/**          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                  **
/**          **                                         **
/**          *****                                     **
/**          *****                                     **
/**DELET2 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
//DELET2 EXEC cnmjsmpe <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET BDY(tgt1) . /* <==2 YOUR SMP/E TARGET ZONE */
UCLIN .
DEL SYSMOD(fmid2de1) . /* <==3 FMID YOU WANT TO DELETE*/
DEL SYSMOD(nvdelet) . /* <==4 DUMMY FMID FOR DELETE */
ENDUCL .
SET BDY(dlib1) . /* <==5 YOUR SMP/E DLIB ZONE */
UCLIN .
DEL SYSMOD(fmid2de1) . /* <==3 FMID YOU WANT TO DELETE*/
DEL SYSMOD(nvdelet) . /* <==4 DUMMY FMID FOR DELETE */
ENDUCL .
/*

```

Figure 57 (Part 2 of 2). CNMJDLT2

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

Figure 58. NetView FMIDs to delete by Version/Release

Version/Release	MVS/370	MVS/XA	MVS/ESA
Version 1 Release 1	HNV1102	HNV1103	N/A ¹
Version 1 Release 2	HNV1202	HNV1203	N/A ¹
Version 1 Release 3	N/A ²	HNV1303	HVNW140
Version 2 Release 1	N/A ²	HVWW101	HXYZ101
Version 2 Release 2	N/A ²	HVWW200	HXYZ200
Version 2 Release 3	N/A ²	HVWW300	HXYZ300
Version 2 Release 4	N/A ²	N/A ³	HXYZ400
Version 3 Release 1	N/A ²	N/A ³	HPZ8100, HPZ8130
TME 10 Version 1 Release 1	N/A ²	N/A ³	HPZ8200
MSM V1R1	N/A ⁴	N/A ⁵	HFLC100
MSM V1R2	N/A ⁴	N/A ⁵	HFLC200
MSM V2R1	N/A ⁴	N/A ⁵	HFLC300
MSM V2R2	N/A ⁴	N/A ⁵	HFLC400
AON/ANO FMIDs	N/A ⁶	N/A ⁷	HLR6110, HLR6200, HML6110, HML6111, H080100

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.
4. MSM was not shipped in MVS/370.
5. MSM was not shipped in MVS/XA.
6. AON/ANO was not shipped in MVS/370 for this release.
7. AON/ANO 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 */
        DELETEFMID      /* for the deleted functions.*/
        (nvdelet fmid2d1) /* Delete the FMIDs from the */
                               /* GLOBALZONE entry.        */.

```

Figure 59. Additional delete logic

6.1.9.3 Running and Verifying the APPLY of TME 10 NetView for OS/390 Version 1 Release 2

Run the apply jobs for your system. They should all end with a return 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.

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 link-edited twice. The first version is link-edited 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 relink the module if you should update the level of any of your HLL's. SMP/E then link-edits the useable version of the module with the HLL libraries, resolving any external references. If the useable version link-edits correctly the APPLY job will end with a return code of 0.

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: 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 link-edit 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 link-edit a larger load module in a different TME 10 NetView for OS/390 Version 1 Release 2 FMID.

For FMID HPZ8300, the load modules listed in Figure 60 will generate unresolved external reference messages during the SMP/E APPLY process. The unresolved external references appear in the output because these load modules are intended to be linked with user code at the customer site.

Figure 60. Load Modules and Unresolved External References for HPZ8300

Load Modules	Unresolved References	Action	Messages
DUIFEXPP	CNMNETV	None	IEW2454W IEW2646W IEW2651W
CNMNVLC	CEESTART, STRTOUL, CEIL, FLOOR, MEMMOVE, CEESG003	None	IEW2454W
CNMVLC	CEESTART, VSPRINTF, STRTOUL, CEIL, FLOOR, STRLEN, MEMMOVE, CEESG003	None	IEW2454W

6.1.10 Perform SMP/E ACCEPT

Edit and submit sample accept jobs to perform an SMP/E ACCEPT for TME 10 NetView for OS/390 Version 1 Release 2. Consult the instructions in the sample job for more information.

The ACCJCLIN option tells SMP/E to save inline JCLIN in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. The ACCJCLIN option can be added by executing a UCLIN ADD job. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

If you have previously installed NetView or NCCF into distribution libraries that you will continue to use with TME 10 NetView for OS/390 Version 1 Release 2, you will need to let SMP/E remove the old NetView or NCCF from those distribution libraries at ACCEPT time.

If PTFs containing replacement modules are being ACCEPTed, SMP/E ACCEPT processing will link-edit/bind the modules into the distribution libraries. During this processing, the Linkage Editor or Binder may issue messages documenting unresolved external references, resulting in a return code of 4 from the ACCEPT step. These messages can be ignored, because the distribution libraries are not executable and the unresolved external references will not affect the executable system libraries.

Expected Return Codes and Messages: 0

Each ACCEPT job supplied in NETVIEW.V1R2M0.INSTALL will accept one or more FMIDs. Depending on which system (Unattended, Procedural or Graphical Enterprise) 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 61 to determine which jobs you should run.

Figure 61. Which ACCEPT Jobs to Run

System ordered	ACCEPT jobs to run	FMIDs accepted
Unattended	CNMJAC05	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306
Procedural	CNMJAC05 CNMJAC25	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325
Graphical Enterprise	CNMJAC05 CNMJAC25 CNMJAC45	HPZ8300 JPZ8301 JPZ8302 JPZ8305 JPZ8306 JPZ8320 JPZ8325 JPZ8340 JPZ8345 JPZ8346 JPZ8355

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.

Note: You may need to define the SMPCSI DD if you invoke SMP/E directly and are not using the sample SMP/E procedure provided, CNMJSMPE. If you need to do so, uncomment the following statement after the 'CNMJACxx EXEC PGM=GIMSMP' statement with the appropriate CSI name for example:

```
//SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR
```

Figures 62 through 64 show the ACCEPT samples.

```

//CNMJAC05 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJAC05 **
//**
//** 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: **
//** TME 10 NETVIEW UNATTENDED JAPANESE **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMPE IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 62 (Part 1 of 2). CNMJAC05

```

/**          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.                      **
/**          4. UNCOMMENT THE CHECK OPERAND IF      **
/**          YOU WANT TO DO AN ACCEPT CHECK         **
/**          BEFORE THE ACCEPT.                     **
/**          **                                     **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS   **
/**          >>>> RECEIVED AND APPLIED MATCH THE    **
/**          >>>> YOU ARE ABOUT TO ACCEPT.          **
/**          **                                     **
/**          ACTIVITY:                              **
/**          **                                     **
/**          *****                               **
/**          *****                               **
/**          /*CNMJAC05 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAC05 EXEC cnmjsmpe                <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(dlib1) .                      /* <==2 YOUR DLIB ZONE*/
          ACCEPT SELECT
          (                                           /* <==3 FMIDS          */
          HPZ8300 /* NETVIEW UNATTENDED BASE          */
          JPZ8301 /* NETVIEW UNATTENDED PL/I          */
          JPZ8302 /* NETVIEW UNATTENDED C/370         */
          JPZ8305 /* NETVIEW UNATTENDED JAPANESE     */
          JPZ8306 /* NETVIEW UNATTENDED METHODS     */
          )
          /* CHECK          /* 4 <== CHECK OPERAND    */
          .
          /*
          /**

```

Figure 62 (Part 2 of 2). CNMJAC05

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

```

//CNMJAC25 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJAC25 **
//**
//** 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: **
//** TME 10 NETVIEW PROCEDURAL JAPANESE **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMPE IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 63 (Part 1 of 2). CNMJAC25

```

/**          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.                            **
/**          4. UNCOMMENT THE CHECK OPERAND IF      **
/**          YOU WANT TO DO AN ACCEPT CHECK         **
/**          BEFORE THE ACCEPT.                      **
/**          **                                       **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS    **
/**          >>>> RECEIVED AND APPLIED MATCH THE    **
/**          >>>> YOU ARE ABOUT TO ACCEPT.          **
/**          **                                       **
/**          ACTIVITY:                                **
/**          **                                       **
/**          *****                                **
/**          *****                                **
/**          /*CNMJAC25 EXEC PGM=GIMSMP,REGION=4096K  /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAC25 EXEC cnmjsmpe                  <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(dlib1) .                      /* <==2 YOUR DLIB ZONE*/
          ACCEPT SELECT
          (
          (
          JPZ8320 /* NETVIEW PROCEDURAL BASE          */
          JPZ8325 /* NETVIEW PROCEDURAL JAPANESE      */
          )
          )
          /* CHECK          /* 4 <== CHECK OPERAND    */
          .
/*
//

```

Figure 63 (Part 2 of 2). CNMJAC25

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

```

//CNMJAC45 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 (C) COPYRIGHT TIVOLI SYSTEMS 1997, 1998 **
//** 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. **
//**
//** PROCEDURE: CNMJAC45 **
//**
//** 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: **
//** TME 10 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. SMP/E PROCEDURE NAME. IF YOU ARE **
//** INVOKING SMP/E DIRECTLY USING **
//** GIMSMP, BE SURE ALL DATA SETS **
//** REQUIRED BY SMP/E ARE DEFINED AS **
//** DDDEFS OR ON DD STATEMENTS IN THE **
//** JCL. CHANGE netview.GLOBAL.CSI TO **
//** THE DATASET NAME OF YOUR GLOBAL **
//** CSI. CNMJSMP.E IS A SAMPLE PROVIDED **
//** FOR YOUR CONVENIENCE AND CAN BE **
//** USED INSTEAD OF INVOKING SMP/E **
//** DIRECTLY. USING THIS PROC WILL **
//** OVERRIDE DDDEFS IN SMP/E. **

```

Figure 64 (Part 1 of 2). CNMJAC45

```

/**          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.                          **
/**          4. UNCOMMENT THE CHECK OPERAND IF     **
/**          YOU WANT TO DO AN ACCEPT CHECK        **
/**          BEFORE THE ACCEPT.                    **
/**          **                                     **
/**          >>>> BE SURE TO CHECK THAT THE FMIDS   **
/**          >>>> RECEIVED AND APPLIED MATCH THE    **
/**          >>>> YOU ARE ABOUT TO ACCEPT.         **
/**          **                                     **
/**          ACTIVITY:                             **
/**          **                                     **
/**          *****                               **
/**          *****                               **
/**          /*CNMJAC45 EXEC PGM=GIMSMP,REGION=4096K /* <==1 SMP/E PROC */
/**          /*SMPCSI DD DSN=netview.GLOBAL.CSI,DISP=SHR /* <==1 SMPCSI DD */
/**          /*CNMJAC45 EXEC cnmjsmpe                <==1 YOUR SMP/E PROC
/**          /*SMPCNTL DD *
          SET      BDY(dlib1) .                      /* <==2 YOUR DLIB ZONE*/
          ACCEPT SELECT
          (
          /* <==3 FMIDS          */
          JPZ8340 /* NETVIEW ENTERPRISE BASE          */
          JPZ8345 /* NETVIEW ENTERPRISE JAPANESE      */
          JPZ8346 /* NETVIEW ENTERPRISE RODM METHODS */
          JPZ8355 /* NETVIEW ENTERPRISE WORKSTATION  */
          )
          /* CHECK          /* 4 <== CHECK OPERAND  */
          .
/**
/**

```

Figure 64 (Part 2 of 2). CNMJAC45

Expected Return Codes and Messages: The job is considered successful if return code zero is received.

6.1.10.1 Subdividing the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 2

If you wish, you may ACCEPT TME 10 NetView for OS/390 Version 1 Release 2 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.

6.1.10.2 ACCEPTing TME 10 NetView for OS/390 Version 1 Release 2 on a System Having NCCF or NetView Already Installed

You should do either 6.1.10.2.1, “Deleting a Previous Release of NCCF or NetView” on page 173 or 6.1.10.2.2, “Running with a Previous Release of NCCF or NetView” on page 174, but not both.

6.1.10.2.1 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 TME 10 NetView for OS/390 Version 1 Release 2, but you do NOT want to continue using this release after your TME 10 NetView for OS/390 Version 1 Release 2 install, you will need to let SMP/E remove the old NetView or NCCF from those libraries when SMP/E installs TME 10 NetView for OS/390 Version 1 Release 2.

To allow SMP/E 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/E zone.
- Since TME 10 NetView for OS/390 Version 1 Release 2 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/E can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 65 shows an example of possible DD statements. Figure 66 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 65. 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 66. 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/E 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/E 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). If you have a previous version of MSM or AON/ANO installed you will need to delete those data sets as well.

6.1.10.2.2 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 TME 10 NetView for OS/390 Version 1 Release 2 install, you **MUST** use separate SMP/E 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/E job to delete the old distribution libraries from the previous release's CSI zone. This assumes you have installed TME 10 NetView for OS/390 Version 1 Release 2 in a separate CSI from the previous release. This process is described in 6.1.9.2.2, "Running with a Previous Release of NCCF or NetView" on page 157 and the jobs provided perform the receive, apply, and accept steps.

6.1.10.3 Running and Verifying the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 2

Run the accept jobs for TME 10 NetView for OS/390 Version 1 Release 2. Each job should end with a return code of 0. If the return 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*.

6.1.11 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.

6.2 Activating TME 10 NetView for OS/390 Version 1 Release 2

The publication *TME 10 NetView for OS/390 Version 1 Release 2 Installation and Administration Guide, SC31-8236* contains procedures for activating functions of TME 10 NetView for OS/390 Version 1 Release 2. For additional information refer to the publications noted in Figure 9 on page 16.

Appendix A. TME 10 NetView for OS/390 Version 1 Release 2 Install Logic

A.1 SMP/E Modification Control Statements

The SMP/E Modification Control Statements (SMPMCS) for TME 10 NetView for OS/390 Version 1 Release 2 are contained in the SMPMCS file on the installation tape. The SMPMCS for each FMID in the product will be loaded to the SMPPTS dataset, with a member name matching the FMID, when the FMID is SMP/E RECEIVED. You may browse or print these members using TSO/E, ISPF, or IEBGENER (or IEBTPCH).

A.2 SMP/E JCLIN

The JCLIN for TME 10 NetView for OS/390 Version 1 Release 2 is contained in the RELFILES on the installation tape. These files will be loaded to disk by SMP/E when the product is SMP/E RECEIVED. You may browse or print these files using TSO/E, ISPF, or IEBGENER (or IEBTPCH).

The files containing JCLIN are:

- FMID HPZ8300: 'IBM.HPZ8300.F1(HPZ8300)'
- FMID JPZ8301: 'IBM.JPZ8301.F1(JPZ8301)'
- FMID JPZ8302: 'IBM.JPZ8302.F1(JPZ8302)'
- FMID JPZ8305: 'IBM.JPZ8305.F1(JPZ8305)'
- FMID JPZ8306: 'IBM.JPZ8306.F1(JPZ8306)'
- FMID JPZ8320: 'IBM.JPZ8320.F1(JPZ8320)' (Contains JCLIN for Automated Operations Network)
- FMID JPZ8340: 'IBM.JPZ8340.F1(JPZ8340)' (Contains JCLIN for MultiSystem Manager)
- FMID JPZ8346: 'IBM.JPZ8346.F1(JPZ8346)'
- FMID JPZ8355: 'IBM.JPZ8355.F1(JPZ8355)'

Note: The high-level qualifier is the qualifier specified as the DSPREFIX in the SMP/E OPTIONS.

Appendix B. Program Level Information

The following APAR fixes against previous releases of NetView have been incorporated into this TME 10 NetView for OS/390 Version 1 Release 2:

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	OW06257	OW07099	OW08311
OW05290	OW06280	OW07109	OW08329
OW05297	OW06335	OW07116	OW08399
OW05298	OW06342	OW07122	OW08426
OW05368	OW06344	OW07137	OW08431
OW05382	OW06384	OW07203	OW08450
OW05385	OW06398	OW07217	OW08520
OW05401	OW06432	OW07218	OW08549
OW05402	OW06438	OW07221	OW08595
OW05413	OW06474	OW07224	OW08626
OW05418	OW06477	OW07225	OW08652
OW05427	OW06491	OW07229	OW08670
OW05430	OW06522	OW07273	OW08673
OW05459	OW06527	OW07310	OW08701
OW05490	OW06535	OW07339	OW08706
OW05493	OW06555	OW07341	OW08714
OW05532	OW06577	OW07352	OW08790
OW05565	OW06578	OW07354	OW08852
OW05576	OW06585	OW07361	OW08867
OW05578	OW06600	OW07395	OW08915
OW05612	OW06637	OW07432	OW08927
OW05647	OW06665	OW07435	OW08969
OW05712	OW06668	OW07450	OW08973
OW05768	OW06671	OW07539	OW08974
OW05785	OW06723	OW07563	OW08994
OW05816	OW06724	OW07594	OW09016
OW05822	OW06729	OW07638	OW09043
OW05847	OW06732	OW07665	OW09070
OW05858	OW06751	OW07690	OW09084
OW05932	OW06754	OW07694	OW09095
OW05978	OW06789	OW07704	OW09121
OW05990	OW06791	OW07767	OW09129
OW05995	OW06794	OW07827	OW09159
OW06005	OW06848	OW07829	OW09242
OW06016	OW06876	OW07848	OW09243
OW06017	OW06893	OW07881	OW09257
OW06045	OW06955	OW07886	OW09347
OW06051	OW06988	OW07930	OW09350
OW06130	OW06991	OW07933	OW09364
OW06174	OW07007	OW07940	OW09380
OW06219	OW07024	OW08133	OW09439
OW06233	OW07025	OW08178	OW09451
OW06251	OW07054	OW08194	OW09481
OW06252	OW07062	OW08239	OW09560
OW06255	OW07063	OW08285	OW09566
			OW09576

OW09595	OW10612	OW12141	OW14243
OW09597	OW10622	OW12222	OW14284
OW09613	OW10684	OW12305	OW14327
OW09616	OW10685	OW12307	OW14329
OW09647	OW10731	OW12327	OW14335
OW09662	OW10775	OW12369	OW14338
OW09665	OW10818	OW12474	OW14340
OW09681	OW10830	OW12663	OW14349
OW09682	OW10865	OW12672	OW14360
OW09707	OW10899	OW12831	OW14383
OW09779	OW10913	OW12859	OW14414
OW09796	OW11033	OW12900	OW14424
OW09800	OW11052	OW12915	OW14438
OW09817	OW11053	OW12993	OW14537
OW09855	OW11062	OW13009	OW14571
OW09911	OW11088	OW13169	OW14614
OW09917	OW11100	OW13240	OW14628
OW09923	OW11101	OW13409	OW14629
OW09924	OW11104	OW13416	OW14646
OW09925	OW11127	OW13432	OW14664
OW09926	OW11185	OW13436	OW14665
OW09927	OW11225	OW13557	OW14666
OW09991	OW11239	OW13561	OW14667
OW10028	OW11242	OW13647	OW14693
OW10040	OW11253	OW13713	OW14694
OW10041	OW11335	OW13715	OW14706
OW10115	OW11368	OW13747	OW14710
OW10150	OW11369	OW13757	OW14740
OW10162	OW11379	OW13764	OW14768
OW10168	OW11397	OW13801	OW14818
OW10201	OW11407	OW13868	OW14842
OW10212	OW11408	OW13907	OW14859
OW10219	OW11415	OW13912	OW14879
OW10230	OW11432	OW13971	OW14884
OW10261	OW11496	OW14023	OW14918
OW10307	OW11503	OW14040	OW14919
OW10321	OW11530	OW14117	OW14921
OW10370	OW11687	OW14123	OW14957
OW10420	OW11695	OW14136	OW14967
OW10458	OW11748	OW14178	OW14996
OW10492	OW11794	OW14181	OW15024
OW10494	OW11820	OW14183	OW15063
OW10510	OW11821	OW14200	OW15074
OW10590	OW11842	OW14228	OW15101
OW10603	OW11846	OW14238	OW15106
			OW15184

OW15200	OW16817	OW18000	OW18909
OW15217	OW16822	OW18008	OW18950
OW15254	OW16835	OW18023	OW18959
OW15285	OW16859	OW18042	OW19017
OW15363	OW16861	OW18049	OW19039
OW15482	OW16945	OW18141	OW19067
OW15483	OW16958	OW18147	OW19070
OW15485	OW16988	OW18151	OW19078
OW15522	OW16993	OW18153	OW19084
OW15524	OW17008	OW18203	OW19085
OW15535	OW17009	OW18206	OW19173
OW15575	OW17053	OW18238	OW19203
OW15610	OW17062	OW18240	OW19227
OW15672	OW17174	OW18244	OW19243
OW15677	OW17175	OW18245	OW19282
OW15682	OW17205	OW18251	OW19317
OW15683	OW17224	OW18262	OW19347
OW15742	OW17250	OW18279	OW19361
OW15792	OW17268	OW18281	OW19383
OW15917	OW17283	OW18340	OW19418
OW16005	OW17347	OW18378	OW19438
OW16031	OW17353	OW18521	OW19443
OW16216	OW17393	OW18609	OW19480
OW16239	OW17394	OW18612	OW19504
OW16300	OW17414	OW18627	OW19532
OW16334	OW17415	OW18633	OW19535
OW16351	OW17457	OW18658	OW19549
OW16379	OW17485	OW18690	OW19575
OW16393	OW17544	OW18701	OW19585
OW16461	OW17566	OW18722	OW19593
OW16467	OW17592	OW18726	OW19611
OW16472	OW17593	OW18741	OW19627
OW16489	OW17598	OW18761	OW19634
OW16542	OW17601	OW18777	OW19666
OW16544	OW17644	OW18780	OW19696
OW16554	OW17664	OW18807	OW19699
OW16597	OW17693	OW18808	OW19738
OW16599	OW17725	OW18810	OW19762
OW16671	OW17735	OW18838	OW19786
OW16677	OW17801	OW18868	OW19788
OW16688	OW17813	OW18873	OW19792
OW16689	OW17837	OW18889	OW19835
OW16751	OW17959	OW18899	OW19856
OW16815	OW17983	OW18901	OW19895
OW16816	OW17985	OW18902	OW19906
			OW19914

OW19952	OW21077	OW22308	OW24054
OW20071	OW21181	OW22317	OW24117
OW20088	OW21222	OW22361	OW24130
OW20113	OW21271	OW22377	OW24209
OW20122	OW21318	OW22396	OW24210
OW20123	OW21329	OW22414	OW24344
OW20148	OW21331	OW22574	OW24414
OW20171	OW21355	OW22651	OW24414
OW20188	OW21375	OW22654	OW24451
OW20189	OW21380	OW22715	OW24536
OW20281	OW21396	OW22726	OW24558
OW20300	OW21416	OW22727	OW24559
OW20325	OW21433	OW22761	OW24714
OW20335	OW21441	OW22762	OW24809
OW20343	OW21456	OW22763	OW24810
OW20348	OW21526	OW22765	OW25007
OW20351	OW21564	OW22777	OW25072
OW20379	OW21597	OW22792	OY15077
OW20380	OW21671	OW22847	OY19487
OW20396	OW21708	OW22866	OY20039
OW20402	OW21727	OW22918	OY20406
OW20408	OW21762	OW22953	OY20532
OW20419	OW21821	OW23003	OY21339
OW20448	OW21854	OW23023	OY21428
OW20493	OW21873	OW23066	OY21453
OW20547	OW21890	OW23067	OY21758
OW20558	OW21895	OW23098	OY21781
OW20563	OW21901	OW23101	OY21830
OW20588	OW21912	OW23103	OY22096
OW20595	OW21922	OW23155	OY22144
OW20599	OW21925	OW23197	OY22276
OW20618	OW21961	OW23213	OY22317
OW20619	OW21984	OW23215	OY22361
OW20621	OW22034	OW23263	OY22395
OW20648	OW22043	OW23277	OY22439
OW20649	OW22070	OW23291	OY22464
OW20652	OW22071	OW23379	OY22501
OW20712	OW22104	OW23422	OY22722
OW20769	OW22186	OW23482	OY22745
OW20791	OW22196	OW23540	OY22747
OW20808	OW22227	OW23591	OY22765
OW20878	OW22242	OW23630	OY22781
OW20908	OW22271	OW23661	OY22842
OW20963	OW22280	OW23790	OY22844
OW21060	OW22306	OW23847	OY22848
			OY22872

OY22930	OY23799	OY24692	OY25687
OY22931	OY23800	OY24715	OY25698
OY22932	OY23802	OY24725	OY25699
OY23004	OY23803	OY24779	OY25715
OY23005	OY23806	OY24786	OY25718
OY23006	OY23807	OY24788	OY25732
OY23008	OY23811	OY24790	OY25792
OY23023	OY23816	OY24791	OY25794
OY23036	OY23858	OY24806	OY25798
OY23089	OY23866	OY24815	OY25917
OY23105	OY23928	OY24816	OY25944
OY23129	OY23938	OY24820	OY26004
OY23199	OY23952	OY24909	OY26027
OY23223	OY23967	OY24920	OY26032
OY23267	OY24040	OY24973	OY26033
OY23274	OY24100	OY24980	OY26040
OY23283	OY24106	OY24988	OY26055
OY23294	OY24181	OY24989	OY26092
OY23324	OY24209	OY25031	OY26119
OY23344	OY24211	OY25068	OY26156
OY23363	OY24212	OY25071	OY26159
OY23424	OY24213	OY25100	OY26166
OY23425	OY24220	OY25165	OY26194
OY23444	OY24266	OY25169	OY26197
OY23522	OY24267	OY25218	OY26240
OY23524	OY24278	OY25259	OY26242
OY23525	OY24315	OY25298	OY26245
OY23540	OY24324	OY25316	OY26254
OY23601	OY24328	OY25320	OY26276
OY23672	OY24334	OY25336	OY26287
OY23688	OY24348	OY25346	OY26334
OY23691	OY24358	OY25372	OY26341
OY23692	OY24396	OY25382	OY26356
OY23693	OY24412	OY25388	OY26367
OY23694	OY24416	OY25428	OY26380
OY23695	OY24448	OY25435	OY26382
OY23696	OY24474	OY25500	OY26394
OY23697	OY24502	OY25535	OY26437
OY23702	OY24529	OY25539	OY26474
OY23704	OY24530	OY25548	OY26522
OY23718	OY24543	OY25552	OY26574
OY23734	OY24568	OY25579	OY26579
OY23751	OY24595	OY25588	OY26581
OY23766	OY24621	OY25605	OY26603
OY23775	OY24630	OY25658	OY26605
			OY26606

OY26615	OY27749	OY28192	OY28508
OY26617	OY27763	OY28219	OY28510
OY26618	OY27771	OY28261	OY28511
OY26623	OY27774	OY28288	OY28531
OY26629	OY27775	OY28340	OY28532
OY26631	OY27830	OY28342	OY28534
OY26633	OY27843	OY28357	OY28561
OY26640	OY27876	OY28358	OY28562
OY26678	OY27918	OY28366	OY28568
OY26685	OY27957	OY28380	OY28579
OY26687	OY28007	OY28427	OY28581
OY26739	OY28008	OY28447	OY28583
OY26752	OY28009	OY28451	OY28584
OY26834	OY28010	OY28462	OY28585
OY26902	OY28011	OY28463	OY28595
OY26913	OY28012	OY28464	OY28627
OY26920	OY28014	OY28465	OY28640
OY27009	OY28015	OY28466	OY28641
OY27030	OY28016	OY28467	OY28642
OY27074	OY28017	OY28468	OY28667
OY27089	OY28018	OY28469	OY28680
OY27101	OY28019	OY28470	OY28710
OY27158	OY28020	OY28471	OY28719
OY27183	OY28021	OY28472	OY28725
OY27253	OY28022	OY28473	OY28741
OY27286	OY28023	OY28480	OY28742
OY27313	OY28024	OY28482	OY28747
OY27319	OY28025	OY28483	OY28770
OY27333	OY28026	OY28484	OY28781
OY27380	OY28027	OY28485	OY28797
OY27384	OY28028	OY28486	OY28802
OY27387	OY28030	OY28488	OY28927
OY27426	OY28031	OY28489	OY28937
OY27496	OY28055	OY28490	OY28939
OY27501	OY28056	OY28491	OY28945
OY27550	OY28057	OY28495	OY28946
OY27564	OY28065	OY28497	OY28971
OY27597	OY28066	OY28498	OY28979
OY27607	OY28134	OY28499	OY29032
OY27625	OY28136	OY28500	OY29035
OY27661	OY28156	OY28501	OY29052
OY27664	OY28164	OY28504	OY29068
OY27672	OY28171	OY28505	OY29098
OY27707	OY28172	OY28506	OY29115
OY27721	OY28188	OY28507	OY29154
			OY29183

OY29186	OY30066	OY30764	OY31497
OY29194	OY30078	OY30778	OY31499
OY29196	OY30080	OY30796	OY31506
OY29238	OY30127	OY30803	OY31525
OY29239	OY30180	OY30811	OY31532
OY29246	OY30189	OY30812	OY31568
OY29258	OY30190	OY30853	OY31571
OY29303	OY30200	OY30892	OY31575
OY29325	OY30203	OY30933	OY31600
OY29339	OY30212	OY30950	OY31611
OY29396	OY30220	OY30969	OY31627
OY29397	OY30238	OY30974	OY31635
OY29406	OY30254	OY30991	OY31661
OY29419	OY30275	OY31011	OY31686
OY29422	OY30289	OY31016	OY31740
OY29433	OY30301	OY31048	OY31744
OY29438	OY30305	OY31050	OY31775
OY29443	OY30344	OY31062	OY31780
OY29476	OY30345	OY31063	OY31803
OY29521	OY30355	OY31095	OY31805
OY29586	OY30356	OY31131	OY31925
OY29587	OY30358	OY31140	OY31927
OY29608	OY30359	OY31143	OY31928
OY29631	OY30360	OY31144	OY31929
OY29659	OY30386	OY31212	OY31937
OY29661	OY30394	OY31229	OY31952
OY29672	OY30398	OY31232	OY31972
OY29682	OY30410	OY31235	OY31979
OY29712	OY30426	OY31238	OY32010
OY29765	OY30484	OY31281	OY32036
OY29792	OY30492	OY31294	OY32073
OY29843	OY30531	OY31303	OY32074
OY29850	OY30539	OY31333	OY32077
OY29878	OY30543	OY31334	OY32115
OY29900	OY30550	OY31370	OY32116
OY29918	OY30555	OY31371	OY32127
OY29931	OY30560	OY31372	OY32173
OY29935	OY30562	OY31377	OY32177
OY29976	OY30617	OY31384	OY32229
OY30003	OY30627	OY31394	OY32241
OY30015	OY30657	OY31418	OY32313
OY30039	OY30658	OY31419	OY32348
OY30043	OY30714	OY31439	OY32354
OY30046	OY30754	OY31476	OY32372
OY30049	OY30757	OY31494	OY32395
			OY32404

OY32436	OY33465	OY34049	OY34896
OY32441	OY33487	OY34052	OY34909
OY32442	OY33492	OY34071	OY34925
OY32445	OY33537	OY34072	OY34962
OY32493	OY33549	OY34096	OY34976
OY32524	OY33550	OY34149	OY35058
OY32586	OY33551	OY34150	OY35065
OY32620	OY33583	OY34159	OY35077
OY32654	OY33588	OY34240	OY35078
OY32662	OY33633	OY34266	OY35097
OY32685	OY33637	OY34271	OY35134
OY32687	OY33647	OY34299	OY35212
OY32689	OY33722	OY34328	OY35213
OY32692	OY33736	OY34359	OY35229
OY32696	OY33745	OY34360	OY35235
OY32734	OY33755	OY34361	OY35259
OY32919	OY33759	OY34378	OY35264
OY32939	OY33769	OY34437	OY35267
OY32940	OY33774	OY34463	OY35287
OY32941	OY33787	OY34480	OY35289
OY32943	OY33794	OY34485	OY35304
OY32964	OY33796	OY34542	OY35406
OY32965	OY33799	OY34595	OY35412
OY33064	OY33802	OY34596	OY35423
OY33123	OY33835	OY34616	OY35425
OY33139	OY33837	OY34631	OY35427
OY33141	OY33841	OY34656	OY35443
OY33152	OY33851	OY34732	OY35487
OY33153	OY33874	OY34733	OY35496
OY33157	OY33907	OY34734	OY35540
OY33181	OY33910	OY34735	OY35548
OY33182	OY33921	OY34737	OY35549
OY33184	OY33923	OY34740	OY35554
OY33214	OY33928	OY34741	OY35617
OY33220	OY33931	OY34742	OY35664
OY33293	OY33932	OY34743	OY35665
OY33297	OY33939	OY34755	OY35666
OY33298	OY33956	OY34781	OY35713
OY33310	OY33968	OY34820	OY35738
OY33337	OY33972	OY34852	OY35752
OY33347	OY33973	OY34857	OY35801
OY33357	OY34002	OY34858	OY35809
OY33363	OY34003	OY34860	OY35816
OY33383	OY34004	OY34861	OY35823
OY33410	OY34040	OY34893	OY35848
			OY35849

OY35850	OY36026	OY36574	OY37737
OY35859	OY36027	OY36610	OY37766
OY35860	OY36028	OY36619	OY37795
OY35882	OY36029	OY36624	OY37798
OY35890	OY36031	OY36627	OY37799
OY35898	OY36032	OY36641	OY37803
OY35899	OY36038	OY36642	OY37816
OY35904	OY36039	OY36647	OY37840
OY35905	OY36040	OY36669	OY37867
OY35910	OY36044	OY36731	OY37937
OY35911	OY36045	OY36734	OY37945
OY35917	OY36046	OY36767	OY37965
OY35930	OY36062	OY36776	OY37966
OY35931	OY36083	OY36783	OY37969
OY35953	OY36100	OY36808	OY38041
OY35956	OY36107	OY36812	OY38042
OY35957	OY36108	OY36846	OY38070
OY35964	OY36134	OY36918	OY38096
OY35965	OY36135	OY36992	OY38156
OY35969	OY36136	OY37067	OY38167
OY35975	OY36137	OY37076	OY38184
OY35976	OY36138	OY37079	OY38186
OY35977	OY36139	OY37152	OY38196
OY35992	OY36177	OY37153	OY38206
OY35994	OY36199	OY37158	OY38208
OY35995	OY36200	OY37194	OY38210
OY35997	OY36204	OY37232	OY38212
OY35998	OY36211	OY37239	OY38221
OY35999	OY36249	OY37244	OY38227
OY36002	OY36271	OY37254	OY38257
OY36003	OY36336	OY37255	OY38261
OY36004	OY36340	OY37321	OY38271
OY36005	OY36380	OY37370	OY38293
OY36006	OY36469	OY37372	OY38298
OY36008	OY36470	OY37393	OY38299
OY36009	OY36471	OY37394	OY38301
OY36010	OY36488	OY37395	OY38319
OY36013	OY36493	OY37397	OY38331
OY36014	OY36500	OY37466	OY38335
OY36016	OY36527	OY37490	OY38377
OY36017	OY36532	OY37503	OY38378
OY36020	OY36533	OY37506	OY38379
OY36022	OY36562	OY37518	OY38383
OY36024	OY36564	OY37565	OY38384
OY36025	OY36565	OY37724	OY38386
			OY38387

OY38389	OY38635	OY38898	OY39183
OY38390	OY38636	OY38900	OY39184
OY38411	OY38637	OY38901	OY39188
OY38420	OY38639	OY38902	OY39196
OY38434	OY38640	OY38903	OY39248
OY38435	OY38649	OY38909	OY39260
OY38436	OY38650	OY38910	OY39274
OY38437	OY38651	OY38911	OY39282
OY38439	OY38653	OY38913	OY39291
OY38441	OY38654	OY38917	OY39297
OY38453	OY38655	OY38919	OY39312
OY38484	OY38662	OY38926	OY39338
OY38494	OY38667	OY38927	OY39339
OY38507	OY38669	OY38929	OY39341
OY38551	OY38670	OY38930	OY39345
OY38552	OY38671	OY38932	OY39354
OY38553	OY38672	OY38933	OY39370
OY38554	OY38673	OY38934	OY39383
OY38555	OY38687	OY38936	OY39384
OY38556	OY38707	OY38938	OY39385
OY38557	OY38708	OY38961	OY39396
OY38558	OY38745	OY38962	OY39399
OY38559	OY38754	OY38988	OY39410
OY38560	OY38765	OY38997	OY39413
OY38561	OY38769	OY39003	OY39427
OY38562	OY38771	OY39004	OY39449
OY38563	OY38813	OY39014	OY39477
OY38564	OY38829	OY39023	OY39493
OY38565	OY38831	OY39024	OY39500
OY38566	OY38834	OY39029	OY39510
OY38567	OY38835	OY39049	OY39532
OY38568	OY38848	OY39063	OY39548
OY38569	OY38851	OY39097	OY39550
OY38570	OY38852	OY39135	OY39562
OY38571	OY38853	OY39161	OY39570
OY38572	OY38855	OY39165	OY39648
OY38573	OY38856	OY39166	OY39654
OY38574	OY38870	OY39167	OY39659
OY38579	OY38871	OY39168	OY39683
OY38580	OY38885	OY39169	OY39751
OY38581	OY38886	OY39171	OY39752
OY38582	OY38887	OY39172	OY39753
OY38583	OY38895	OY39173	OY39754
OY38610	OY38896	OY39181	OY39755
OY38612	OY38897	OY39182	OY39757
			OY39758

OY39759	OY40280	OY40812	OY41359
OY39760	OY40295	OY40814	OY41360
OY39762	OY40297	OY40816	OY41366
OY39763	OY40309	OY40817	OY41367
OY39772	OY40310	OY40818	OY41386
OY39773	OY40389	OY40852	OY41387
OY39774	OY40394	OY40884	OY41388
OY39832	OY40395	OY40885	OY41389
OY39852	OY40401	OY40886	OY41390
OY39859	OY40451	OY40908	OY41391
OY39872	OY40497	OY40916	OY41392
OY39880	OY40517	OY40942	OY41393
OY39891	OY40518	OY40997	OY41394
OY39902	OY40538	OY40998	OY41395
OY39917	OY40540	OY41019	OY41397
OY39940	OY40541	OY41038	OY41412
OY39986	OY40542	OY41102	OY41413
OY39988	OY40584	OY41115	OY41419
OY40003	OY40609	OY41122	OY41422
OY40009	OY40621	OY41128	OY41424
OY40033	OY40660	OY41147	OY41436
OY40040	OY40662	OY41149	OY41439
OY40041	OY40663	OY41214	OY41489
OY40051	OY40724	OY41221	OY41504
OY40057	OY40725	OY41222	OY41505
OY40059	OY40726	OY41223	OY41507
OY40060	OY40728	OY41224	OY41513
OY40073	OY40751	OY41225	OY41514
OY40084	OY40795	OY41226	OY41515
OY40105	OY40796	OY41227	OY41546
OY40109	OY40797	OY41245	OY41549
OY40111	OY40798	OY41292	OY41594
OY40140	OY40799	OY41324	OY41628
OY40146	OY40800	OY41339	OY41669
OY40168	OY40801	OY41340	OY41670
OY40174	OY40802	OY41341	OY41671
OY40182	OY40803	OY41343	OY41712
OY40185	OY40804	OY41349	OY41717
OY40186	OY40805	OY41350	OY41724
OY40237	OY40806	OY41351	OY41752
OY40238	OY40807	OY41352	OY41757
OY40258	OY40808	OY41353	OY41786
OY40268	OY40809	OY41354	OY41789
OY40269	OY40810	OY41355	OY41790
OY40270	OY40811	OY41358	OY41798
			OY41799

OY41800	OY42195	OY42661	OY43208
OY41802	OY42197	OY42678	OY43219
OY41805	OY42225	OY42682	OY43220
OY41816	OY42248	OY42692	OY43221
OY41821	OY42277	OY42718	OY43222
OY41839	OY42278	OY42719	OY43230
OY41852	OY42279	OY42720	OY43259
OY41873	OY42280	OY42723	OY43265
OY41875	OY42281	OY42724	OY43268
OY41877	OY42282	OY42725	OY43283
OY41878	OY42287	OY42726	OY43293
OY41881	OY42290	OY42727	OY43303
OY41882	OY42337	OY42740	OY43335
OY41911	OY42348	OY42786	OY43336
OY41916	OY42399	OY42841	OY43337
OY41924	OY42406	OY42859	OY43352
OY41925	OY42408	OY42860	OY43353
OY41926	OY42410	OY42862	OY43354
OY41927	OY42414	OY42863	OY43355
OY41928	OY42415	OY42865	OY43356
OY41930	OY42416	OY42866	OY43357
OY41931	OY42417	OY42867	OY43360
OY41932	OY42418	OY42886	OY43362
OY41933	OY42419	OY42907	OY43363
OY41936	OY42421	OY42917	OY43369
OY41937	OY42454	OY42977	OY43370
OY41938	OY42455	OY42982	OY43421
OY41957	OY42457	OY42983	OY43422
OY41977	OY42492	OY43052	OY43423
OY41980	OY42493	OY43063	OY43424
OY42017	OY42494	OY43070	OY43425
OY42036	OY42496	OY43072	OY43437
OY42037	OY42497	OY43073	OY43442
OY42038	OY42499	OY43074	OY43443
OY42059	OY42500	OY43112	OY43444
OY42089	OY42501	OY43114	OY43446
OY42121	OY42502	OY43115	OY43448
OY42125	OY42529	OY43116	OY43467
OY42131	OY42544	OY43132	OY43479
OY42132	OY42545	OY43133	OY43480
OY42134	OY42546	OY43136	OY43481
OY42153	OY42554	OY43165	OY43483
OY42154	OY42556	OY43167	OY43484
OY42155	OY42568	OY43171	OY43486
OY42179	OY42656	OY43172	OY43487
			OY43488

OY43534	OY44007	OY44525	OY45068
OY43561	OY44008	OY44529	OY45069
OY43569	OY44044	OY44573	OY45072
OY43570	OY44045	OY44586	OY45080
OY43571	OY44046	OY44598	OY45084
OY43573	OY44049	OY44599	OY45091
OY43576	OY44054	OY44606	OY45092
OY43578	OY44061	OY44627	OY45093
OY43579	OY44073	OY44638	OY45094
OY43589	OY44074	OY44649	OY45128
OY43592	OY44076	OY44684	OY45129
OY43621	OY44077	OY44687	OY45130
OY43623	OY44078	OY44688	OY45131
OY43624	OY44090	OY44689	OY45134
OY43625	OY44091	OY44739	OY45146
OY43627	OY44097	OY44766	OY45173
OY43628	OY44110	OY44772	OY45193
OY43629	OY44151	OY44780	OY45196
OY43646	OY44174	OY44787	OY45198
OY43679	OY44175	OY44802	OY45199
OY43699	OY44179	OY44826	OY45200
OY43707	OY44213	OY44838	OY45201
OY43733	OY44224	OY44839	OY45202
OY43754	OY44247	OY44840	OY45203
OY43758	OY44260	OY44841	OY45204
OY43759	OY44279	OY44842	OY45238
OY43760	OY44281	OY44843	OY45291
OY43761	OY44322	OY44844	OY45325
OY43762	OY44323	OY44862	OY45343
OY43763	OY44324	OY44864	OY45423
OY43808	OY44333	OY44881	OY45475
OY43832	OY44371	OY44882	OY45476
OY43835	OY44372	OY44892	OY45489
OY43844	OY44373	OY44895	OY45496
OY43855	OY44401	OY44896	OY45547
OY43856	OY44404	OY44897	OY45548
OY43857	OY44405	OY44906	OY45549
OY43871	OY44406	OY44912	OY45584
OY43876	OY44426	OY44937	OY45593
OY43948	OY44428	OY44987	OY45628
OY43957	OY44429	OY45010	OY45639
OY43959	OY44430	OY45018	OY45647
OY43988	OY44447	OY45063	OY45658
OY43996	OY44464	OY45065	OY45679
OY44006	OY44521	OY45067	OY45698
			OY45699

OY45700	OY46587	OY47494	OY48064
OY45701	OY46588	OY47495	OY48071
OY45705	OY46635	OY47496	OY48079
OY45711	OY46675	OY47500	OY48080
OY45734	OY46717	OY47501	OY48093
OY45738	OY46719	OY47502	OY48144
OY45750	OY46727	OY47516	OY48145
OY45794	OY46746	OY47564	OY48146
OY45826	OY46818	OY47574	OY48147
OY45829	OY46832	OY47575	OY48151
OY45880	OY46887	OY47576	OY48190
OY45885	OY46970	OY47581	OY48191
OY45887	OY46984	OY47594	OY48218
OY45907	OY46992	OY47626	OY48219
OY45910	OY47023	OY47627	OY48225
OY45958	OY47040	OY47654	OY48257
OY45976	OY47071	OY47677	OY48277
OY46042	OY47076	OY47678	OY48280
OY46048	OY47117	OY47711	OY48281
OY46064	OY47123	OY47714	OY48313
OY46065	OY47145	OY47721	OY48321
OY46089	OY47147	OY47731	OY48323
OY46094	OY47168	OY47763	OY48326
OY46169	OY47174	OY47773	OY48335
OY46179	OY47209	OY47777	OY48338
OY46183	OY47354	OY47784	OY48339
OY46214	OY47357	OY47858	OY48384
OY46215	OY47365	OY47875	OY48385
OY46216	OY47369	OY47888	OY48393
OY46217	OY47370	OY47898	OY48394
OY46218	OY47388	OY47901	OY48411
OY46229	OY47403	OY47903	OY48448
OY46230	OY47410	OY47938	OY48464
OY46231	OY47411	OY47945	OY48465
OY46356	OY47414	OY47964	OY48466
OY46376	OY47415	OY47965	OY48467
OY46377	OY47420	OY47973	OY48468
OY46419	OY47428	OY47977	OY48470
OY46453	OY47448	OY47992	OY48472
OY46483	OY47462	OY48006	OY48473
OY46495	OY47471	OY48007	OY48491
OY46512	OY47486	OY48010	OY48492
OY46529	OY47487	OY48011	OY48493
OY46571	OY47492	OY48048	OY48494
OY46572	OY47493	OY48051	OY48495
			OY48496

OY48507	OY48953	OY49570	OY50297
OY48513	OY48967	OY49650	OY50305
OY48525	OY48974	OY49683	OY50310
OY48526	OY48990	OY49701	OY50329
OY48527	OY49061	OY49710	OY50346
OY48528	OY49064	OY49716	OY50352
OY48569	OY49082	OY49717	OY50354
OY48573	OY49093	OY49742	OY50359
OY48596	OY49107	OY49747	OY50392
OY48597	OY49116	OY49752	OY50409
OY48598	OY49122	OY49765	OY50414
OY48600	OY49137	OY49766	OY50452
OY48601	OY49138	OY49767	OY50496
OY48602	OY49144	OY49777	OY50497
OY48604	OY49149	OY49779	OY50524
OY48605	OY49162	OY49787	OY50561
OY48606	OY49167	OY49788	OY50563
OY48608	OY49168	OY49789	OY50567
OY48647	OY49170	OY49791	OY50590
OY48652	OY49189	OY49807	OY50602
OY48653	OY49215	OY49808	OY50606
OY48665	OY49216	OY49809	OY50613
OY48677	OY49227	OY49824	OY50633
OY48679	OY49238	OY49873	OY50635
OY48681	OY49242	OY49931	OY50641
OY48692	OY49245	OY49941	OY50656
OY48703	OY49262	OY49962	OY50657
OY48704	OY49271	OY49965	OY50674
OY48776	OY49351	OY49966	OY50720
OY48794	OY49394	OY49967	OY50721
OY48805	OY49402	OY49968	OY50722
OY48806	OY49441	OY49999	OY50737
OY48810	OY49447	OY50000	OY50769
OY48811	OY49449	OY50018	OY50781
OY48812	OY49451	OY50039	OY50785
OY48820	OY49461	OY50043	OY50794
OY48829	OY49483	OY50062	OY50811
OY48841	OY49487	OY50139	OY50912
OY48855	OY49525	OY50182	OY50913
OY48936	OY49526	OY50217	OY50916
OY48937	OY49527	OY50219	OY50925
OY48943	OY49528	OY50255	OY50927
OY48947	OY49530	OY50277	OY50933
OY48948	OY49544	OY50288	OY50968
OY48949	OY49551	OY50291	OY51010
			OY51022

OY51042	OY51643	OY52263	OY52839
OY51044	OY51657	OY52273	OY52860
OY51045	OY51661	OY52287	OY52863
OY51046	OY51662	OY52309	OY52866
OY51048	OY51664	OY52320	OY52878
OY51049	OY51668	OY52327	OY52880
OY51077	OY51676	OY52331	OY52919
OY51086	OY51691	OY52338	OY52922
OY51092	OY51716	OY52341	OY52968
OY51095	OY51724	OY52349	OY52971
OY51096	OY51726	OY52432	OY52975
OY51097	OY51741	OY52438	OY53048
OY51143	OY51785	OY52459	OY53049
OY51144	OY51815	OY52471	OY53059
OY51145	OY51821	OY52505	OY53131
OY51206	OY51822	OY52509	OY53187
OY51210	OY51848	OY52512	OY53188
OY51216	OY51873	OY52533	OY53202
OY51232	OY51877	OY52543	OY53204
OY51274	OY51888	OY52548	OY53206
OY51288	OY51889	OY52553	OY53273
OY51314	OY51921	OY52573	OY53289
OY51323	OY51923	OY52593	OY53290
OY51335	OY51948	OY52606	OY53293
OY51340	OY51953	OY52648	OY53322
OY51359	OY51992	OY52650	OY53333
OY51364	OY51996	OY52652	OY53342
OY51376	OY52049	OY52664	OY53359
OY51380	OY52076	OY52681	OY53375
OY51395	OY52092	OY52683	OY53378
OY51450	OY52094	OY52684	OY53399
OY51468	OY52146	OY52688	OY53410
OY51548	OY52155	OY52690	OY53421
OY51549	OY52181	OY52729	OY53423
OY51553	OY52187	OY52749	OY53437
OY51564	OY52197	OY52773	OY53449
OY51570	OY52198	OY52774	OY53452
OY51575	OY52225	OY52788	OY53479
OY51579	OY52229	OY52794	OY53482
OY51580	OY52232	OY52795	OY53493
OY51591	OY52243	OY52802	OY53506
OY51605	OY52245	OY52819	OY53512
OY51628	OY52246	OY52827	OY53520
OY51639	OY52251	OY52835	OY53529
OY51640	OY52257	OY52838	OY53534
			OY53546

OY53548	OY54142	OY54679	OY55432
OY53567	OY54143	OY54681	OY55443
OY53578	OY54157	OY54682	OY55455
OY53579	OY54173	OY54711	OY55457
OY53580	OY54184	OY54714	OY55464
OY53661	OY54185	OY54722	OY55474
OY53685	OY54194	OY54811	OY55476
OY53688	OY54212	OY54815	OY55493
OY53704	OY54244	OY54834	OY55522
OY53709	OY54246	OY54846	OY55524
OY53714	OY54261	OY54848	OY55534
OY53715	OY54263	OY54935	OY55567
OY53716	OY54266	OY54972	OY55605
OY53723	OY54280	OY54975	OY55610
OY53738	OY54295	OY55025	OY55616
OY53739	OY54321	OY55039	OY55634
OY53756	OY54327	OY55066	OY55636
OY53792	OY54334	OY55072	OY55638
OY53798	OY54346	OY55087	OY55650
OY53820	OY54348	OY55098	OY55655
OY53837	OY54366	OY55107	OY55683
OY53861	OY54367	OY55109	OY55698
OY53864	OY54381	OY55122	OY55707
OY53865	OY54382	OY55131	OY55727
OY53886	OY54386	OY55137	OY55746
OY53888	OY54426	OY55140	OY55747
OY53891	OY54456	OY55143	OY55751
OY53893	OY54457	OY55164	OY55754
OY53900	OY54458	OY55176	OY55759
OY53917	OY54475	OY55188	OY55792
OY53925	OY54505	OY55191	OY55809
OY53945	OY54509	OY55195	OY55812
OY53983	OY54515	OY55199	OY55813
OY53989	OY54552	OY55201	OY55818
OY54010	OY54554	OY55226	OY55824
OY54011	OY54564	OY55230	OY55837
OY54018	OY54597	OY55236	OY55853
OY54050	OY54602	OY55246	OY55879
OY54054	OY54606	OY55312	OY55895
OY54073	OY54607	OY55321	OY55923
OY54101	OY54643	OY55336	OY55933
OY54107	OY54648	OY55348	OY55952
OY54108	OY54651	OY55395	OY56006
OY54128	OY54656	OY55407	OY56011
OY54141	OY54678	OY55414	OY56020
			OY56028

OY56029	OY56516	OY57198	OY57886
OY56030	OY56520	OY57201	OY57905
OY56038	OY56557	OY57216	OY57909
OY56056	OY56571	OY57221	OY57910
OY56085	OY56583	OY57224	OY57928
OY56086	OY56588	OY57228	OY57955
OY56100	OY56591	OY57238	OY57963
OY56107	OY56593	OY57243	OY57965
OY56122	OY56600	OY57258	OY57969
OY56129	OY56613	OY57317	OY57970
OY56201	OY56630	OY57321	OY57979
OY56203	OY56634	OY57322	OY57980
OY56209	OY56648	OY57335	OY57985
OY56225	OY56649	OY57342	OY57997
OY56226	OY56654	OY57343	OY58007
OY56231	OY56665	OY57363	OY58008
OY56244	OY56681	OY57369	OY58009
OY56251	OY56684	OY57388	OY58019
OY56271	OY56697	OY57393	OY58031
OY56274	OY56708	OY57396	OY58033
OY56275	OY56709	OY57434	OY58036
OY56277	OY56718	OY57470	OY58053
OY56278	OY56720	OY57489	OY58055
OY56279	OY56731	OY57528	OY58069
OY56284	OY56732	OY57547	OY58215
OY56287	OY56778	OY57575	OY58249
OY56308	OY56786	OY57587	OY58252
OY56313	OY56823	OY57605	OY58263
OY56314	OY56859	OY57607	OY58267
OY56315	OY56903	OY57611	OY58271
OY56320	OY56912	OY57619	OY58276
OY56328	OY56917	OY57643	OY58277
OY56329	OY56960	OY57649	OY58280
OY56331	OY56987	OY57651	OY58285
OY56338	OY57032	OY57652	OY58286
OY56365	OY57052	OY57688	OY58296
OY56415	OY57098	OY57690	OY58303
OY56447	OY57110	OY57691	OY58304
OY56453	OY57115	OY57722	OY58306
OY56478	OY57144	OY57751	OY58307
OY56481	OY57150	OY57767	OY58308
OY56482	OY57155	OY57783	OY58310
OY56488	OY57156	OY57813	OY58348
OY56492	OY57169	OY57841	OY58416
OY56512	OY57194	OY57858	OY58431
			OY58434

OY58437	OY59483	OY59925	OY60316
OY58467	OY59500	OY59927	OY60328
OY58493	OY59501	OY59928	OY60376
OY58500	OY59523	OY59929	OY60470
OY58505	OY59560	OY59930	OY60477
OY58527	OY59647	OY59931	OY60479
OY58564	OY59680	OY59932	OY60480
OY58585	OY59684	OY59933	OY60481
OY58586	OY59697	OY59934	OY60486
OY58587	OY59698	OY59935	OY60487
OY58650	OY59704	OY59936	OY60488
OY58686	OY59718	OY59951	OY60494
OY58726	OY59721	OY59952	OY60502
OY58735	OY59722	OY59955	OY60503
OY58772	OY59725	OY59985	OY60506
OY58777	OY59726	OY59986	OY60507
OY58804	OY59739	OY59996	OY60509
OY58809	OY59740	OY59998	OY60510
OY58878	OY59741	OY60000	OY60511
OY58879	OY59755	OY60015	OY60512
OY58886	OY59756	OY60016	OY60532
OY58887	OY59764	OY60017	OY60557
OY58889	OY59792	OY60018	OY60576
OY58890	OY59793	OY60026	OY60579
OY58913	OY59799	OY60032	OY60581
OY58933	OY59802	OY60033	OY60600
OY58972	OY59820	OY60079	OY60615
OY58976	OY59821	OY60080	OY60616
OY59001	OY59849	OY60108	OY60617
OY59008	OY59852	OY60127	OY60618
OY59030	OY59853	OY60153	OY60621
OY59085	OY59854	OY60163	OY60645
OY59098	OY59860	OY60167	OY60677
OY59159	OY59870	OY60186	OY60703
OY59170	OY59871	OY60192	OY60704
OY59172	OY59898	OY60193	OY60715
OY59189	OY59900	OY60205	OY60716
OY59220	OY59901	OY60206	OY60718
OY59225	OY59902	OY60221	OY60719
OY59381	OY59903	OY60290	OY60757
OY59393	OY59920	OY60305	OY60761
OY59411	OY59921	OY60310	OY60786
OY59449	OY59922	OY60311	OY60810
OY59450	OY59923	OY60312	OY60817
OY59474	OY59924	OY60315	OY60884
			OY60912

OY60938	OY61370	OY61876	OY62626
OY60943	OY61382	OY61883	OY62631
OY60957	OY61395	OY61896	OY62655
OY60980	OY61403	OY61931	OY62657
OY60981	OY61405	OY61944	OY62675
OY60983	OY61412	OY61987	OY62733
OY60985	OY61414	OY61999	OY62758
OY61015	OY61415	OY62023	OY62784
OY61020	OY61416	OY62034	OY62794
OY61022	OY61431	OY62064	OY62819
OY61027	OY61436	OY62089	OY62831
OY61046	OY61437	OY62116	OY62848
OY61100	OY61446	OY62139	OY62849
OY61101	OY61450	OY62142	OY62854
OY61119	OY61451	OY62167	OY62870
OY61124	OY61460	OY62176	OY62911
OY61125	OY61466	OY62177	OY62913
OY61127	OY61494	OY62180	OY62915
OY61140	OY61497	OY62182	OY62918
OY61170	OY61509	OY62187	OY62922
OY61174	OY61511	OY62188	OY62948
OY61184	OY61579	OY62206	OY62956
OY61185	OY61594	OY62213	OY62959
OY61189	OY61608	OY62233	OY62988
OY61190	OY61645	OY62254	OY63014
OY61223	OY61652	OY62255	OY63022
OY61225	OY61653	OY62257	OY63034
OY61238	OY61665	OY62275	OY63047
OY61239	OY61678	OY62314	OY63078
OY61242	OY61700	OY62341	OY63086
OY61243	OY61726	OY62365	OY63095
OY61255	OY61737	OY62378	OY63105
OY61264	OY61759	OY62394	OY63107
OY61268	OY61763	OY62415	OY63119
OY61283	OY61766	OY62431	OY63125
OY61284	OY61790	OY62436	OY63142
OY61293	OY61795	OY62452	OY63154
OY61308	OY61805	OY62480	OY63179
OY61309	OY61811	OY62481	OY63222
OY61314	OY61815	OY62484	OY63231
OY61319	OY61823	OY62518	OY63264
OY61330	OY61830	OY62556	OY63293
OY61343	OY61833	OY62577	OY63301
OY61344	OY61840	OY62603	OY63330
OY61362	OY61845	OY62619	OY63372
			OY63380

OY63386	OY64267	OY64800	OY65309
OY63399	OY64268	OY64803	OY65312
OY63414	OY64280	OY64870	OY65332
OY63431	OY64299	OY64877	OY65338
OY63432	OY64303	OY64898	OY65341
OY63440	OY64306	OY64902	OY65343
OY63449	OY64307	OY64910	OY65346
OY63460	OY64332	OY64915	OY65350
OY63519	OY64333	OY64942	OY65362
OY63529	OY64334	OY64966	OY65432
OY63538	OY64343	OY64991	OY65437
OY63566	OY64358	OY64992	OY65441
OY63585	OY64359	OY64997	OY65448
OY63595	OY64360	OY65004	OY65454
OY63659	OY64361	OY65014	OY65461
OY63673	OY64372	OY65029	OY65471
OY63694	OY64395	OY65056	OY65500
OY63718	OY64396	OY65057	OY65501
OY63741	OY64408	OY65061	OY65503
OY63749	OY64411	OY65065	OY65519
OY63778	OY64427	OY65066	OY65531
OY63796	OY64444	OY65070	OY65536
OY63855	OY64445	OY65080	OY65549
OY63857	OY64456	OY65097	OY65552
OY63868	OY64492	OY65111	OY65569
OY63874	OY64494	OY65120	OY65627
OY63902	OY64521	OY65124	OY65649
OY63926	OY64558	OY65125	OY65661
OY63942	OY64567	OY65129	OY65671
OY63943	OY64614	OY65140	OY65680
OY63959	OY64615	OY65176	OY65682
OY63995	OY64643	OY65182	OY65683
OY64000	OY64663	OY65188	OY65686
OY64012	OY64678	OY65193	OY65717
OY64013	OY64697	OY65222	OY65719
OY64083	OY64705	OY65225	OY65720
OY64124	OY64716	OY65232	OY65733
OY64167	OY64731	OY65236	OY65745
OY64174	OY64735	OY65237	OY65747
OY64184	OY64736	OY65249	OY65784
OY64203	OY64748	OY65250	OY65800
OY64215	OY64750	OY65287	OY65822
OY64240	OY64759	OY65292	OY65827
OY64245	OY64776	OY65300	OY65836
OY64257	OY64786	OY65305	OY65845
			OY65863

OY65873	OY66496	OY66917	OY67526
OY65897	OY66499	OY66943	OY67548
OY65903	OY66507	OY66947	OY67550
OY65920	OY66508	OY66956	OY67557
OY65935	OY66509	OY66972	OY67567
OY65937	OY66514	OY67016	OY67570
OY65940	OY66568	OY67017	OY67574
OY65956	OY66570	OY67021	OY67579
OY65989	OY66571	OY67022	OY67580
OY66008	OY66573	OY67055	OY67592
OY66012	OY66589	OY67077	OY67619
OY66020	OY66594	OY67078	OY67624
OY66042	OY66600	OY67080	OY67647
OY66049	OY66608	OY67104	OY67657
OY66090	OY66610	OY67105	OY67659
OY66107	OY66628	OY67135	OY67669
OY66115	OY66647	OY67145	OY67671
OY66119	OY66655	OY67169	OY67673
OY66145	OY66658	OY67170	OY67701
OY66157	OY66662	OY67172	OY67702
OY66159	OY66666	OY67175	OY67710
OY66192	OY66670	OY67177	OY67711
OY66193	OY66680	OY67178	OY67715
OY66209	OY66684	OY67232	OY67735
OY66210	OY66686	OY67233	OY67740
OY66227	OY66688	OY67236	OY67741
OY66237	OY66689	OY67296	OY67742
OY66241	OY66712	OY67298	OY67768
OY66242	OY66713	OY67299	OY67769
OY66245	OY66737	OY67359	OY67770
OY66260	OY66759	OY67360	OY67771
OY66280	OY66768	OY67392	OY67773
OY66304	OY66785	OY67400	OY67794
OY66343	OY66797	OY67405	OY67833
OY66344	OY66798	OY67446	OY67844
OY66438	OY66799	OY67454	OY67847
OY66440	OY66812	OY67458	OY67869
OY66447	OY66845	OY67460	OY67871
OY66448	OY66846	OY67461	OY67886
OY66453	OY66855	OY67489	OY67892
OY66454	OY66857	OY67503	OY67897
OY66455	OY66861	OY67516	OY67928
OY66469	OY66865	OY67518	OY67929
OY66475	OY66879	OY67522	OY68014
OY66476	OY66911	OY67523	OY68015
			OY68021

OY68022	OW24628	OW26165	OW27695
OY68048	OW24667	OW26168	OW27755
OY68050	OW24714	OW26189	OW27762
OY68051	OW24782	OW26197	OW27810
OY68057	OW24783	OW26268	OW27853
OY68084	OW24807	OW26272	OW27903
OW18382	OW24809	OW26276	OW27929
OW21096	OW24810	OW26282	OW27943
OW21358	OW24853	OW26294	OW27944
OW21663	OW24926	OW26310	OW27996
OW21665	OW25007	OW26321	OW28000
OW22271	OW25015	OW26332	OW28005
OW22747	OW25021	OW26364	OW28006
OW23540	OW25042	OW26388	OW28040
OW23587	OW25072	OW26409	OW28128
OW23650	OW25087	OW26420	OW28162
OW23683	OW25319	OW26442	OW28186
OW23739	OW25367	OW26642	OW28198
OW23806	OW25444	OW26743	OW28222
OW23869	OW25504	OW26754	OW28250
OW23954	OW25519	OW26789	OW28273
OW23986	OW25591	OW26797	OW28298
OW24010	OW25597	OW26801	OW28359
OW24049	OW25629	OW26803	OW28360
OW24053	OW25630	OW26838	OW28402
OW24085	OW25631	OW26868	OW28453
OW24098	OW25639	OW26882	OW28466
OW24129	OW25641	OW26932	OW28492
OW24130	OW25680	OW26996	OW28499
OW24161	OW25709	OW27075	OW28508
OW24166	OW25760	OW27102	OW28530
OW24323	OW25832	OW27158	OW28565
OW24351	OW25923	OW27159	OW28566
OW24356	OW25927	OW27222	OW28575
OW24414	OW25936	OW27228	OW28577
OW24451	OW25942	OW27288	OW28607
OW24457	OW25944	OW27305	OW28652
OW24520	OW25968	OW27381	OW28745
OW24544	OW26026	OW27507	OW28747
OW24553	OW26055	OW27509	OW28757
OW24555	OW26056	OW27541	OW28758
OW24556	OW26081	OW27542	OW28771
OW24557	OW26083	OW27555	OW28777
OW24558	OW26088	OW27556	OW28843
OW24559	OW26158	OW27634	OW28958
			OW28990

OW29020	OW29809	OW30462	OW31141
OW29086	OW29894	OW30500	OW31219
OW29168	OW29907	OW30509	OW31304
OW29316	OW29943	OW30533	OW31386
OW29365	OW29958	OW30538	OW31414
OW29393	OW30085	OW30539	OW31504
OW29454	OW30165	OW30547	OW31505
OW29481	OW30185	OW30577	OW31530
OW29489	OW30186	OW30817	OW31603
OW29571	OW30187	OW30829	OW31604
OW29579	OW30262	OW30848	OW31740
OW29621	OW30279	OW30857	OW31741
OW29637	OW30286	OW30911	OW31763
OW29679	OW30297	OW30944	OW31801
OW29729	OW30302	OW30985	OW31826
OW29755	OW30364	OW31005	OW32153
OW29780	OW30395	OW31006	OW32167
OW29801	OW30438	OW31070	OW32185
OW29802	OW30446	OW31073	OW32428
OW29803	OW30448	OW31092	OW32444
OW29804	OW30460	OW31118	OW32507
			OW32569

The following APAR fixes against previous releases of MultiSystem Manager have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2:

OW04517	OW14334	OW21309	OW29270
OW06079	OW15671	OW22632	OW29828
OW09117	OW16959	OW25607	OW29851
OW10013	OW17185	OW25852	OW30296
OW10358	OW17186	OW26117	OW30374
OW10414	OW18953	OW26798	OW30429
OW13999	OW19175	OW28435	OW30431
OW14000	OW19587	OW28744	OW30542
OW14001	OW19588	OW29100	OW30946
OW14214	OW19975	OW29197	OW32842
OW14236	OW20880	OW29230	OW32843

The following APAR fixes against previous releases of AON have been incorporated into TME 10 NetView for OS/390 Version 1 Release 2:

OW28492	PN59373	PN62416	PN64079
OW29086	PN61322	PN65829	PN64482
OW30446	PN59719	PN63705	PN64925
OW30462	PN59720	PN60565	PN65919
PN90218	PN62860	PN65443	PN66076

PN66570	PN70759	PN76075	PN78785
PN66564	PN70927	PN75175	PN78984
PN66915	PN71339	PN78184	PN79406
PN65823	PN72387	PN72322	PN79505
PN67294	PN72388	PN70453	PN80253
PN67446	PN72390	PN75438	PN81542
PN67508	PN72608	PN77658	PN81684
PN67821	PN72739	PN78513	PN81826
PN67890	PN74047	PN78563	PN82259
PN68600	PN70900	PN79299	PN80283
PN67505	PN70071	PN79538	PN81624
PN68327	PN70458	PN66099	PN81828
PN67694	PN72456	PN74358	PN80354
PN64502	PN72598	PN75509	PN81350
PN67738	PN72604	PN74525	PN82269
PN66752	PN74354	PN76719	PN82518
PN67051	PN71256	PN76262	PN82958
PN60745	PN72579	PN75986	PN83003
PN59901	PN73406	PN75467	PN82261
PN65730	PN73564	PN77699	PN82577
PN69684	PN73819	PN76341	PN83050
PN69782	PN73874	PN78413	PN83512
PN69958	PN73996	PN65238	PN73997
PN64961	PN72969	PN68985	PN81906
PN66040	PN73891	PN70877	PN82352
PN67081	PN70907	PN73629	PN83053
PN66417	PN69510	PN59721	PN83059
PN69676	PN70793	PN74139	PN83266
PN61190	PN74040	PN78159	PN78485
PN62690	PN73201	PN78639	PN81789
PN63382	PN73926	PN79585	PN81829
PN71655	PN75720	PN79716	PN83833
PN72136	PN68080	PN80008	PN83939
PN69655	PN72621	PN75122	PN83890
PN69662	PN73421	PN79671	PN83528
PN72600	PN74027	PN79841	PN84315
PN72606	PN75533	PN80787	PN80305
PN72584	PN75032	PN80963	PN84535
PN71671	PN76781	PN78954	PN84613
PN72843	PN72389	PN76639	PN84862
PN72903	PN74135	PN79533	PN84525
PN73019	PN67507	PN80785	PN82350
PN73375	PN77412	PN81165	PN83020
PN73370	PN64814	PN81238	PN83858
PN73511	PN65131	PN81580	PN85368
			PN85846

PN84447	PN87399	PN92686	PQ04885
PN85813	PN86172	PQ00155	PQ05013
PN85925	PN88479	PQ00240	PQ05095
PN85014	PN84630	PQ00423	PQ05145
PN85378	PN87936	PQ00417	PQ05592
PN82802	PN86019	PQ00547	PQ05948
PN84443	PN84093	PQ00656	PQ06645
PN84956	PN89401	PQ00829	PQ07038
PN87726	PN90713	PQ01535	PQ07227
PN82673	PN90725	PQ01586	PQ07889
PN85717	PN91663	PQ01944	PQ07988
PN88077	PN91835	PQ02829	PQ08401
PN85719	PN91903	PQ02837	PQ08751
PN74168	PN92095	PQ02880	PQ08905
PN77307	PN91663	PQ02928	PQ10205
PN84768	PN91835	PQ03164	PQ10380
PN70255	PN91903	PQ03200	PQ11102
PN83621	PN91938	PQ03519	PQ11471
PN64874	PN92095	PQ03548	PQ11596
PN87943	PN92148	PQ03549	PQ11716
PN88371	PN92323	PQ03831	PQ11790
PN83022	PN92474	PQ03922	

Reader's Comments

Program Directory for TME 10 NetView for OS/390 Version 1 Release 2 Service Level 00

You may use this form to comment about this document, its organization, or subject matter with the understanding that IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

For each of the topics below please indicate your satisfaction level by circling your choice from the rating scale. If a statement does not apply, please circle N.

RATING SCALE						
very satisfied	<----->				very dissatisfied	not applicable
1	2	3	4	5	N	

	Satisfaction					
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
Technical level of the installation tasks	1	2	3	4	5	N
Ease of getting the system into production after installation	1	2	3	4	5	N

How did you order this product?

- CBIPO
- CBPDO
- CustomPac
- ServerPac
- Independent
- Other

Is this the first time your organization has installed this product?

- Yes
- No

Were the people who did the installation experienced with the installation of MVS products?

___ Yes
___ No

If yes, how many years? ___

If you have any comments to make about your ratings above, or any other aspect of the product installation, please list them below:

Please provide the following contact information:

Name and Job Title

Organization

Address

Telephone

Thank you for your participation.

Please send the completed form to (or give to your IBM representative who will forward it to the TME 10 NetView for OS/390 Development group):

IBM Corporation
P.O. Box 12195
Research Triangle Park, NC 27709
ATTENTION: E15/B500



Program Number: 5697-B82 5092/5093
5086/5087
5080/5081

Printed in U.S.A.

GI10-4804-00

