







**Program Directory for  
TME 10 NetView for OS/390  
US English**

Version 1

Program Number 5697-B82

FMID HPZ8200

MVS/ESA

Document Date: March 2, 1997

xxxx-yyyy-zz

**Note!**

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

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 1997. 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.

This program directory, dated March 2, 1997, applies to TME 10 NetView for OS/390 Program Number 5697-B82 for the following:

<b>FMID</b>	<b>Feature Numbers</b>	<b>System Name</b>
HPZ8200	5841, 5842, 5504, 5851, 5852, 5505, 5821, 5822, 5502, 5831, 5832, 5503, 5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8201	5841, 5842, 5504, 5821, 5822, 5502, 5801, 5802, 5500	MVS/ESA
JPZ8202	5841, 5842, 5504, 5821, 5822, 5502, 5801, 5802, 5500	MVS/ESA
JPZ8203	5851, 5852, 5505, 5831, 5832, 5503, 5811, 5812, 5501	MVS/ESA
JPZ8204	5841, 5842, 5504, 5851, 5852, 5505, 5821, 5822, 5502, 5831, 5832, 5503, 5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8206	5841, 5842, 5504, 5851, 5852, 5505, 5821, 5822, 5502, 5831, 5832, 5503, 5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8220	5821, 5822, 5502, 5831, 5832, 5503, 5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8224	5821, 5822, 5502, 5831, 5832, 5503, 5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8240	5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8244	5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA
JPZ8246	5801, 5802, 5500, 5811, 5812, 5501	MVS/ESA



---

# Contents

Notices	xiii
Trademarks	xiii
<b>1.0 Introduction</b>	<b>1</b>
1.1 TME 10 NetView for OS/390 Version 1 Release 1 Ordering Options	2
1.1.1 TME 10 NetView for OS/390 Version 1 Release 1 Installation Options	4
1.1.1.1 TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option	4
1.1.1.2 TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option	5
1.1.1.3 TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option	5
1.1.2 TME 10 NetView for OS/390 Version 1 Release 1 NLS Options	5
1.2 NetView Graphic Monitor Facility	5
1.3 GraphicsView/2	6
1.4 Command Tree/2	6
1.5 NetView Installation and Administration Facility/2	6
1.6 What's New in the TME 10 NetView for OS/390 Version 1 Release 1 Installation Procedures	6
<b>2.0 Program Materials</b>	<b>12</b>
2.1 Basic Machine-Readable Material	12
2.1.1 Unattended Option for C/370	12
2.1.2 Unattended Option for LE/370	13
2.1.3 Procedural Option for C/370	14
2.1.4 Procedural Option for LE/370	16
2.1.5 Graphical Enterprise Installation Option for C/370	17
2.1.6 Graphical Enterprise Installation Option for LE/370	19
2.2 Additional Basic Material	21
2.3 Optional Machine-Readable Material	21
2.4 Program Publications	21
2.4.1 Basic Program Publications	22
2.4.2 Optional Program Publications	22
2.5 Microfiche Support	23
2.6 Publications Useful During Installation	23
<b>3.0 Program Support</b>	<b>24</b>
3.1 Program Services	24
3.2 Preventive Service Planning	24
3.3 Statement of Support Procedures	25
<b>4.0 Program and Service Level Information</b>	<b>26</b>
4.1 Program Level Information	26
4.2 Service Level Information	26
4.3 Cumulative Service Tape	26

<b>5.0 Installation Requirements and Considerations for the Unattended Option</b>	<b>27</b>
5.1 Driving System Requirements	27
5.1.1 Operating System Requirements	28
5.1.2 Machine Requirements	28
5.1.3 Programming Requirements	28
5.1.4 DASD Storage Requirements	28
5.2 Target System Requirements	29
5.2.1 Operating System Requirements	29
5.2.2 Machine Requirements	30
5.2.3 Programming Requirements	30
5.2.4 DASD Storage Requirements	30
5.3 Program Considerations	32
5.3.1 Programming Considerations	33
5.3.2 System Considerations	33
5.3.3 Special Considerations	33
5.3.3.1 NetView Installation and Administration Facility/2	33
5.3.3.2 Resource Object Data Manager (RODM)	33
5.3.3.3 NetView Bridge -- Support for INFO Access	34
5.3.3.4 MVS Sysplex Support - Compatibility Mode	34
5.3.3.5 MVS Sysplex Support - Enablement	34
5.3.3.6 Pre-initialized PL/I Environments for NetView HLL	34
5.3.3.7 Pipeline Automation	34
5.3.3.8 Support for IBM LAN Network Manager Enhanced Command Interface	34
5.3.3.9 NetView Support for 3174 ISDN	34
5.3.3.10 Session Monitor Support of APPN* Display and Problem Determination	35
5.3.3.11 Session Monitor Support of HPR and MNPS	35
5.3.3.12 Session Monitor Support of VTAM Takeover-Giveback of an NCP	35
5.3.3.13 Session Monitor support of DLUR/DLUS	35
5.3.3.14 Session Monitor support of VR-TG and Bordernode	35
5.3.3.15 Session Monitor Support of VTAM Extended MS-Transport	35
5.3.3.16 Management of Frame Relay (DTE) and Ethernet	35
5.3.3.17 NetView Parallel Transmission Group Support	35
5.3.3.18 NetView Network Asset Management	35
5.3.3.19 NetView Performance Monitor (NPM) Alerts	36
5.3.3.20 NetView Support for Programmable Network Access (PNA)	36
5.3.3.21 Active in Session	36
5.3.3.22 SAF Security Checking on RODM Connections	36
5.3.3.23 SAF Security Checking on NetView Operator Password Protection	36
5.3.3.24 SAF Security Checking RMTCMD RMTOPS Class	36
5.3.3.25 SAF security checking for NetView Command Authorization	36
5.3.3.26 SAF security checking for NetView Span of Control Access	36
5.3.3.27 SAF security checking for NetView Operator Logon Information	36
5.3.3.28 View Security	36
5.3.3.29 High Level Language (HLL) restriction	37
5.3.3.30 Other Considerations	37



<b>6.0 Installation Requirements and Considerations for the Procedural Option</b>	<b>39</b>
6.1 Driving System Requirements	40
6.1.1 Operating System Requirements	40
6.1.2 Machine Requirements	40
6.1.3 Programming Requirements	40
6.1.4 DASD Storage Requirements	40
6.2 Target System Requirements	41
6.2.1 Operating System Requirements	42
6.2.2 Machine Requirements	42
6.2.3 Programming Requirements	42
6.2.4 DASD Storage Requirements	42
6.3 Program Considerations	44
6.3.1 Programming Considerations	45
6.3.2 System Considerations	45
6.3.3 Special Considerations	45
6.3.3.1 NetView Installation and Administration Facility/2	45
6.3.3.2 Resource Object Data Manager (RODM)	45
6.3.3.3 NetView Bridge -- Support for INFO Access	46
6.3.3.4 MVS Sysplex Support - Compatibility Mode	46
6.3.3.5 MVS Sysplex Support - Enablement	46
6.3.3.6 Pre-initialized PL/I Environments for NetView HLL	46
6.3.3.7 Pipeline Automation	46
6.3.3.8 Support for IBM LAN Network Manager Enhanced Command Interface	46
6.3.3.9 NetView Support for 3174 ISDN	46
6.3.3.10 Session Monitor Support of APPN* Display and Problem Determination	47
6.3.3.11 Session Monitor Support of HPR and MNPS	47
6.3.3.12 Session Monitor Support of VTAM Takeover-Giveback of an NCP	47
6.3.3.13 Session Monitor support of DLUR/DLUS	47
6.3.3.14 Session Monitor support of VR-TG and Bordernode	47
6.3.3.15 Session Monitor Support of VTAM Extended MS-Transport	47
6.3.3.16 Management of Frame Relay (DTE) and Ethernet	47
6.3.3.17 NetView Parallel Transmission Group Support	47
6.3.3.18 NetView Network Asset Management	47
6.3.3.19 NetView Performance Monitor (NPM) Alerts	48
6.3.3.20 NetView Support for Programmable Network Access (PNA)	48
6.3.3.21 Active in Session	48
6.3.3.22 SAF Security Checking on RODM Connections	48
6.3.3.23 SAF Security Checking on NetView Operator Password Protection	48
6.3.3.24 SAF Security Checking RMTCMD RMTOPS Class	48
6.3.3.25 SAF security checking for NetView Command Authorization	48
6.3.3.26 SAF security checking for NetView Span of Control Access	48
6.3.3.27 SAF security checking for NetView Operator Logon Information	48
6.3.3.28 View Security	48
6.3.3.29 High Level Language (HLL) restriction	49
6.3.3.30 Other Considerations	49

<b>7.0 Installation Requirements and Considerations for the Graphical Enterprise Option</b>	<b>51</b>
7.1 Driving System Requirements	52
7.1.1 Operating System Requirements	52
7.1.2 Machine Requirements	52
7.1.3 Programming Requirements	52
7.1.4 DASD Storage Requirements	52
7.2 Target System Requirements	53
7.2.1 Operating System Requirements	54
7.2.2 Machine Requirements	54
7.2.3 Programming Requirements	54
7.2.4 DASD Storage Requirements	54
7.3 Programmable Workstation Target System Requirements	56
7.3.1 Programmable Workstation Target Operating System Requirements	57
7.4 Program Considerations	58
7.4.1 Programming Considerations	58
7.4.2 System Considerations	58
7.4.3 Special Considerations	58
7.4.3.1 NetView Installation and Administration Facility/2	58
7.4.3.2 Resource Object Data Manager (RODM)	59
7.4.3.3 NetView Bridge -- Support for INFO Access	59
7.4.3.4 Graphic Monitor Facility Host Subsystem	59
7.4.3.5 ASCII Console Support in Graphic Monitor Facility Host Subsystem	59
7.4.3.6 NetView Graphic Monitor Facility (NGMF)	60
7.4.3.7 NGMF Communications Manager Configuration Utility	60
7.4.3.8 RODM Administration and NGMF Problem and Inventory Functions	60
7.4.3.9 SNA Topology Manager	60
7.4.3.10 APPN Accounting Manager	60
7.4.3.11 NetView Graphic Monitor Facility Installation (if not using NIAF/2)	61
7.4.3.12 APPN Topology and Accounting Agent	61
7.4.3.13 MVS Sysplex Support - Compatibility Mode	61
7.4.3.14 MVS Sysplex Support - Enablement	61
7.4.3.15 Pre-initialized PL/I Environments for NetView HLL	61
7.4.3.16 Pipeline Automation	61
7.4.3.17 Support for IBM LAN Network Manager Enhanced Command Interface	61
7.4.3.18 NetView Support for 3174 ISDN	61
7.4.3.19 Session Monitor Support of APPN* Display and Problem Determination	62
7.4.3.20 Session Monitor Support of HPR and MNPS	62
7.4.3.21 Session Monitor Support of VTAM Takeover-Giveback of an NCP	62
7.4.3.22 Session Monitor support of DLUR/DLUS	62
7.4.3.23 Session Monitor support of VR-TG and Bordernode	62
7.4.3.24 Session Monitor Support of VTAM Extended MS-Transport	62
7.4.3.25 Management of Frame Relay (DTE) and Ethernet	62
7.4.3.26 NetView Parallel Transmission Group Support	62
7.4.3.27 NetView Network Asset Management	62
7.4.3.28 NetView Performance Monitor (NPM) Alerts	63
7.4.3.29 NetView Support for Programmable Network Access (PNA)	63

7.4.3.30	Active in Session	63
7.4.3.31	SAF Security Checking on RODM Connections	63
7.4.3.32	SAF Security Checking on NetView Operator Password Protection	63
7.4.3.33	SAF Security Checking RMTCMD RMTOPS Class	63
7.4.3.34	SAF security checking for NetView Command Authorization	63
7.4.3.35	SAF security checking for NetView Span of Control Access	63
7.4.3.36	SAF security checking for NetView Operator Logon Information	63
7.4.3.37	View Security	63
7.4.3.38	High Level Language (HLL) restriction	64
7.4.3.39	Other Considerations	64
<b>8.0</b>	<b>Installation Instructions</b>	<b>67</b>
8.1	Installing TME 10 NetView for OS/390 Version 1 Release 1	70
8.1.1	Unload the Installation Samples from the Distribution Tape for TME 10 NetView for OS/390 Version 1 Release 1	70
8.1.2	Allocate TME 10 NetView for OS/390 Version 1 Release 1 Target and Distribution Libraries	71
8.1.2.1	Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 1 and Its Features	72
8.1.2.1.1	Unattended TME 10 NetView for OS/390 Version 1 Release 1	72
8.1.2.1.2	Procedural TME 10 NetView for OS/390 Version 1 Release 1	83
8.1.2.1.3	Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 1	95
8.1.3	Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 1	108
8.1.3.1	Allocating New SMP/E Data Sets for TME 10 NetView for OS/390 Version 1 Release 1	108
8.1.3.2	Creating a New SMP/E CSI for TME 10 NetView for OS/390 Version 1 Release 1	111
8.1.3.3	SMP/E R8 or later Access to TME 10 NetView for OS/390 Version 1 Release 1 Data Sets	125
8.1.4	RECEIVE TME 10 NetView for OS/390 Version 1 Release 1	146
8.1.5	APPLY TME 10 NetView for OS/390 Version 1 Release 1	153
8.1.5.1	Subdividing the APPLY of TME 10 NetView for OS/390 Version 1 Release 1	161
8.1.5.2	APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed	161
8.1.5.2.1	Deleting a Previous Release of NCCF or NetView	161
8.1.5.2.2	Running with a Previous Release of NCCF or NetView	163
8.1.5.3	Running and Verifying the APPLY of TME 10 NetView for OS/390 Version 1 Release 1	169
8.1.6	ACCEPT TME 10 NetView for OS/390 Version 1 Release 1	182
8.1.6.1	Subdividing the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 1	188
8.1.6.2	ACCEPTing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed	188
8.1.6.2.1	Deleting a Previous Release of NCCF or NetView	188
8.1.6.2.2	Running with a Previous Release of NCCF or NetView	189
8.1.6.3	Running and Verifying the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 1	190
8.1.7	Installing the PTFs for CUM Maintenance	190
8.2	Activating TME 10 NetView for OS/390 Version 1 Release 1	190

<b>Appendix A. Install Logic</b> . . . . .	191
<b>Appendix B. Program Level Information</b> . . . . .	199
<b>Reader's Comments</b> . . . . .	224

## Figures

1. Ordering Option Components . . . . .	3
2. Unattended Option for C/370 US English Basic Material: Program Tape(s) . . . . .	12
3. Unattended Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape) . . . . .	13
4. Unattended Option for LE/370 US English Basic Material: Program Tape(s) . . . . .	13
5. Unattended Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape) . . . . .	14
6. Procedural Option for C/370 US English Basic Material: Program Tape(s) . . . . .	14
7. Procedural Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape) . . . . .	15
8. Procedural Option for LE/370 US English Basic Material: Program Tape(s) . . . . .	16
9. Procedural Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape) . . . . .	17
10. Graphical Enterprise Option for C/370 US English Basic Material: Program Tape(s) . . . . .	17
11. Graphical Enterprise Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape) . . . . .	18
12. Graphical Enterprise Option for LE/370 US English Basic Material: Program Tape(s) . . . . .	19
13. Graphical Enterprise Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape) . . . . .	20
14. Basic Material: Licensed Publications . . . . .	22
15. Basic Material: Unlicensed Publications . . . . .	22
16. Optional Material: Unlicensed Publications . . . . .	22
17. Basic Material: Additional Unlicensed Publications for the Graphical Enterprise option . . . . .	23
18. Publications Useful During Installation . . . . .	23
19. Ordering Options and SUBSET IDs . . . . .	24
20. Component IDs . . . . .	25
21. High Level Language Options for Unattended . . . . .	27
22. Storage Requirements for SMP/CSI Data Set for SMP/E for TME 10 NetView for OS/390 Version 1 Release 1 Unattended . . . . .	28
23. Storage Requirements for SMP/E System Entries . . . . .	28
24. Approximate SMP/E Temporary Library Space . . . . .	28
25. Storage Requirements for the SMP/E Work Data Sets . . . . .	29
26. Storage Requirements for SMP/E Data Sets . . . . .	29
27. Storage Requirements for Target Libraries . . . . .	31

28.	Storage Requirements for Distribution Libraries	32
29.	APARs Required to Use RODM	37
30.	High Level Language Options for Procedural	39
31.	Storage Requirements for SMPCSI Data Set for SMP/E for TME 10 NetView for OS/390 Version 1 Release 1 Procedural	40
32.	Storage Requirements for SMP/E System Entries	40
33.	Approximate SMP/E Temporary Library Space	41
34.	Storage Requirements for the SMP/E Work Data Sets	41
35.	Storage Requirements for SMP/E Data Sets	41
36.	Storage Requirements for Target Libraries	43
37.	Storage Requirements for Distribution Libraries	44
38.	APARs Required to Use RODM	49
39.	High Level Language Options for Graphical Enterprise	51
40.	Storage Requirements for SMPCSI Data Set for SMP/E for TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise	52
41.	Storage Requirements for SMP/E System Entries	52
42.	Approximate SMP/E Temporary Library Space	53
43.	Storage Requirements for the SMP/E Work Data Sets	53
44.	Storage Requirements for SMP/E Data Sets	53
45.	Storage Requirements for Target Libraries	55
46.	Storage Requirements for Distribution Libraries	56
47.	APARs Required to Use RODM	64
48.	CNMJUNLD	71
49.	CNMJALEU	73
50.	CNMJALEP	84
51.	CNMJALEE	96
52.	CNMJSMPA	109
53.	CNMJGCSI	112
54.	CNMJCSIS	114
55.	CNMJZDEF	117
56.	CNMJCSIA	120
57.	CNMJSMPE	127
58.	CNMJDDDF	130
59.	CNMJUCLN	145
60.	Which Receive Jobs to Run	147
61.	CNMJRC04	148
62.	CNMJRC24	150
63.	CNMJRC44	152
64.	Which APPLY Jobs to Run	154
65.	CNMJAP04	156
66.	CNMJAP24	158
67.	CNMJAP44	160
68.	Sample DD Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB	162
69.	Sample DDDEF Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB	162
70.	CNMJDLT1	164
71.	CNMJDLT2	166

72.	NetView FMIDs to delete by Version/Release	168
73.	Additional delete logic	168
74.	Load Modules and Unresolved External References for HPZ8200	170
75.	Load Modules and Unresolved External References for JPZ8201	171
76.	Load Modules and Unresolved External References for JPZ8202	172
77.	Load Modules and Unresolved External References for JPZ8203	174
78.	Load Modules and Unresolved External References for JPZ8206	177
79.	Load Modules and Unresolved External References for JPZ8240	179
80.	Load Modules and Unresolved External References for JPZ8246	181
81.	Which ACCEPT Jobs to Run	182
82.	CNMJAC04	183
83.	CNMJAC24	185
84.	CNMJAC44	187
85.	Sample DD Statements for NLOADLIB, ABNJMOD1, and AOS27	189
86.	Sample DDDEF Statements for NLOADLIB, ABNJMOD1, and AOS27	189
87.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 HPZ8200	191
88.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8201	192
89.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8202	192
90.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8203	193
91.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8204	193
92.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8206	194
93.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8220	194
94.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8224	195
95.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8240	195
96.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8244	196
97.	Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8246	196
98.	CNMJUMCS	197

---

## Notices

References in this document to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM product, program, or service is not intended to state or imply that only IBM's product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe on any of IBM's intellectual property rights may be used instead of the IBM product, program, or service. Evaluation and verification of operation in conjunction with other products, except those expressly designated by IBM, is the user's responsibility.

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

IBM Director of Commercial Relations  
IBM Corporation  
Purchase, NY 10577

---

## Trademarks

The following terms, denoted by (\*) at their first use in this document, are trademarks of IBM Corporation in the United States or other countries:

ACF/VTAM	LE/370	APPN
C/2	C/370	CBIPO
CBPDO	DB2/2	Extended Services
IBM	Micro Channel	MVS/ESA
NetView	Operating System/2	OS/2
OS/390	Personal System/2	PS/2
RACF	System/370	System/390
VM/ESA	VTAM	

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

TME 10 is a trademark of Tivoli Systems, an IBM company

Microsoft owned by Microsoft Corporation

386 owned by Intel Corporation

486 owned by Intel Corporation





---

## 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\* (hereafter referred to as TME 10 NetView for OS/390 Version 1 Release 1). Read the entire document before installing the program, and keep this document for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 12 identifies the basic and optional program materials and documentation for TME 10 NetView for OS/390 Version 1 Release 1.
- 3.0, "Program Support" on page 24 describes the IBM\* support available for TME 10 NetView for OS/390 Version 1 Release 1.
- 4.0, "Program and Service Level Information" on page 26 contains information about the APARs (program level) and PTFs (service level) incorporated into TME 10 NetView for OS/390 Version 1 Release 1.
- 5.0, "Installation Requirements and Considerations for the Unattended Option" on page 27 identifies the resources and considerations for installing and using TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option.
- 6.0, "Installation Requirements and Considerations for the Procedural Option" on page 39 identifies the resources and considerations for installing and using TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option.
- 7.0, "Installation Requirements and Considerations for the Graphical Enterprise Option" on page 51 identifies the resources and considerations for installing and using TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option.
- 8.0, "Installation Instructions" on page 67 provides detailed installation instructions for TME 10 NetView for OS/390 Version 1 Release 1.
- Appendix A, "Install Logic" on page 191 provides the install logic for TME 10 NetView for OS/390 Version 1 Release 1.
- Appendix B, "Program Level Information" on page 199 lists the APARs incorporated into TME 10 NetView for OS/390 Version 1 Release 1.

Before installing TME 10 NetView for OS/390 Version 1 Release 1, read 3.2, "Preventive Service Planning" on page 24. 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 1 with an MVS Custom-Built Installation Process Offering (CBIPO\*) (5751-CS1). Instead, use the CBIPO Related Installation Materials (RIMs) provided with the CBIPO. The CBIPO RIMs will point you to specific sections of the program directory as required.

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

There are several considerations you should be aware of if you are migrating from a version of the NetView program prior to Version 3 or a NetView predecessor product. Library consolidations eliminate some former target libraries and add new target libraries. Refer to 8.0, "Installation Instructions" on page 67, 8.1.5.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed" on page 161, and 8.1.6.2, "ACCEPTing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed" on page 188 for more information.

If you wish to run more than one NetView program or a predecessor product with TME 10 NetView for OS/390 Version 1 Release 1, there are some installation issues you need to be aware of involving target and distribution zones as well as target and distribution libraries. Refer to 8.0, "Installation Instructions" on page 67, 8.1.5.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed" on page 161, and 8.1.6.2, "ACCEPTing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed" on page 188 for more information.

---

## 1.1 TME 10 NetView for OS/390 Version 1 Release 1 Ordering Options

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

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

### **NLS note**

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

The materials you received for TME 10 NetView for OS/390 Version 1 Release 1 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					
	Unat- tended System C/370	Unat- tended Option LE/370	Proce- dural Option C/370	Proce- dural Option LE/370	Enter- prise Option C/370	Enter- prise Option LE/370
NetView Unattended Base HPZ8200	x	x	x	x	x	x
NetView Unattended PL/I JPZ8201	x		x		x	
NetView Unattended C/370 JPZ8202	x		x		x	
NetView Unattended LE/370 JPZ8203		x		x		x
NetView Unattended US English JPZ8204	x	x	x	x	x	x
NetView Unattended Methods JPZ8206	x	x	x	x	x	x
NetView Procedural Base JPZ8220			x	x	x	x
NetView Procedural US English JPZ8224			x	x	x	x
NetView Enterprise Base JPZ8240					x	x
NetView Enterprise US English JPZ8244					x	x
NetView Enterprise Methods JPZ8246					x	x

## 1.1.1 TME 10 NetView for OS/390 Version 1 Release 1 Installation Options

When you ordered TME 10 NetView for OS/390 Version 1 Release 1 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. 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 standalone PL/I product is included in the C/370 High Level Language environment and is not compatible with LE/370.

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

### 1.1.1.1 TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option

The Graphical Enterprise option provides all of the function of TME 10 NetView for OS/390 Version 1 Release 1, 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 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 1
- OS/390 Automated Operations Network now included with TME 10 NetView for OS/390 Version 1 Release 1

### **1.1.1.2 TME 10 NetView for OS/390 Version 1 Release 1 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 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 1

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 *NetView Installation and Administration Guide* for complete instructions.

### **1.1.1.3 TME 10 NetView for OS/390 Version 1 Release 1 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 *NetView Installation and Administration Guide* for complete instructions.

## **1.1.2 TME 10 NetView for OS/390 Version 1 Release 1 NLS Options**

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

- US English
- Japanese

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

---

## **1.2 NetView Graphic Monitor Facility**

The NetView Graphic Monitor Facility was a separate orderable feature in Version 2. It has been included as part of the total deliverable package in TME 10 NetView for OS/390 Version 1 Release 1, but only with the Graphical Enterprise option. The workstation code is installed on the MVS host, and then downloaded to your workstation.

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

---

## 1.3 GraphicsView/2

GraphicsView/2 is a former program product that provided graphics services for the NetView Graphic Monitor Facility. It has been integrated into the NetView Graphic Monitor Facility in TME 10 NetView for OS/390 Version 1 Release 1.

---

## 1.4 Command Tree/2

Command Tree/2 is a former program product that provided assistance with issuing NetView commands without looking up syntax and punctuation. It has been integrated into the NetView Graphic Monitor Facility in TME 10 NetView for OS/390 Version 1 Release 1.

---

## 1.5 NetView Installation and Administration Facility/2

NetView Installation and Administration Facility/2 (NIAF/2) is an OS/2\* workstation-based tool that lets you perform both host and workstation installation and administration tasks. NIAF/2 significantly reduces the amount of time it takes to install TME 10 NetView for OS/390 Version 1 Release 1. It also helps you maintain a current level of the TME 10 NetView for OS/390 Version 1 Release 1 program.

NIAF/2 features include:

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

---

## 1.6 What's New in the TME 10 NetView for OS/390 Version 1 Release 1 Installation Procedures

This section gives an overview of major changes to the installation and migration procedure for TME 10 NetView for OS/390 Version 1 Release 1 that affect users who are migrating from V1R3, V2R1, V2R2, V2R3, V2R4, and V3R1. For more information, see the Preventive Service Planning (PSP) bucket.

- In order to take advantage of the new functions available in SMP/E R8 or later, and to allow for the introduction of the new TME 10 NetView for OS/390 Version 1 Release 1 ordering options, TME 10 NetView for OS/390 Version 1 Release 1 has been restructured. In addition, within each function there may be several FMIDs based on national language (US English or Japanese) or on optional High Level Languages (such as PL/I, C370 or LE/370). This allows you greater flexibility in deciding

which High Level Languages you wish to use, and with SMP/E R8 or later it will allow SMP/E to manage all NetView parts that must be linked with HLL libraries. Previously you had to manage this yourself with post-apply linkedit jobs that were provided. Those post-apply linkedit jobs are no longer needed, and are no longer shipped with TME 10 NetView for OS/390 Version 1 Release 1.

- Before installing you **must make** a decision about which High level Language you will run. TME 10 NetView for OS/390 Version 1 Release 1 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 JPZ8203, but **not** FMIDs JPZ8201 or JPZ8202. 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.

If you are running with PL/I you **must** apply FMID JPZ8201 and if you are also using C370 you **must** apply JPZ8202. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 70 on page 164 and Figure 71 on page 166 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 65 on page 156 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 will inform you that you are re-applying an existing FMID.

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

- NetView installation samples now include the samples necessary to create a separate SMP/E environment for NetView products. Samples are included to allocate the required SMP/E data sets (SMPMTS, SMPPTS, SMPSTS, SMPLTS, SMPSCDS, SMPLOG and SMPLOGA), allocate and prime a global CSI, and define the global, target and distribution zones in one or more CSIs.
- Because of changes in the sizes of the VSAM databases, the NetView VSAM clusters must be deleted and reallocated per the jobs supplied with TME 10 NetView for OS/390 Version 1 Release 1. Failure to do this will mean NetView cannot communicate with its databases.
- Authority to Display Data Sets (Very Important)

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

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

When either of these problems is detected, NetView will implement a "*special security state*" forcing security failures for all data sets that might contain sensitive information. Message BNH115A is presented to all logons. To recover from the special security state,

you must review the security procedures for **READSEC** and issue a REFRESH command using the CMDAUTH keyword.

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

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

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

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

QSAM always resolves DD names to their underlying DSNs before the security test. The DSN is treated as a keyword and the member, if any, is treated as its value. Because DSNs are generally more than eight characters, it is not possible to make specific restrictions on them using NetView Scope protection. The use of SAF or NetView Table security is recommended, however you may use the special keyword '(ALLDSN)' described below, to restrict *all* access to DSNs.

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

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

- Communications Manager/2 and VTAM 4.3 Connectivity

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

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

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



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

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

- If you are migrating from NetView V1R3, make sure you read the following sections for information regarding library changes from V1R3 to TME 10 NetView for OS/390 Version 1 Release 1:
  - 8.0, “Installation Instructions” on page 67
  - 8.1.5.2, “APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed” on page 161
  - 8.1.6.2, “ACCEPTing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed” on page 188
- Status monitor performance has been enhanced beginning in NetView V2R1 and VTAM\* V3R3. As a result, users should be aware that library SCNMLNK1 must be in the VTAMLIB concatenation list in the VTAM start procedure. There is only one module in this library for TME 10 V1R1: ISTIECCE. In addition, NetView must be coded as non-swappable in the MVS program properties table and run in storage protection key 8. See “Updating the SCHEDxx Member” in the *NetView Installation and Administration Guide* for specific coding details.
- All NetView modules which reside in LPALIB have been moved to a separate library: SCNMLPA1. This library should be concatenated in your LPALSTxx member and prior levels should be deleted from LPALIB. See 8.0, “Installation Instructions” on page 67 for more information.
- BNJMISC has been deleted for TME 10 NetView for OS/390 Version 1 Release 1.
- NetView V2R4 has added two new target and distribution libraries, DSIPARM and DSIPRF. These libraries contain default NetView definitions and operator profiles for NetView V2R4. You may place any customized definition members or operator profile members into separate data sets and then concatenate these data sets above the default libraries. In this way you can receive maintenance, with no additional work, for any NetView definition member or operator profile member that you have not customized.
- A new target library, SEKGLNK1, has been added. You must add SEKGLNK1 to the LNKLSTxx member that defines the link-list for the target system.
- SCNMLNK1/SCNMLPA1 compatibility issues.

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

1. The TME 10 NetView for OS/390 Version 1 Release 1 level of module ISTIECCE must reside in this library. Therefore, if you later revert to using V3R1, V2R4, V2R3, V2R2 or V2R1, you must replace this module or library with the previous level.
2. If you intend to run TME 10 NetView for OS/390 Version 1 Release 1 with downlevel NetView(s) in a network, you will need to apply the following apars to the other NetView systems:

<b>V2R2</b>	N/A
<b>V2R3</b>	OW21157
<b>V2R4</b>	OW20992
<b>V3R1</b>	OW20993

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

SCNMLPA1: LPALIB modules are all downward compatible with prior releases (V1R3, V2R1, V2R2, V2R3, V2R4, and V3R1). As long as you have the highest release level modules in this library, you may go between releases of NetView without doing any module replacement.

- The NLDM database keylength was changed from 54 to 27 as an SPE to NetView V1R3. It was incorporated in NetView V2R1 and all later releases. If you are migrating from a release earlier than this, or are migrating from one of the above releases but have not changed your keylength from 54 to 27, you should reallocate your VSAM database to have a keylength of 27.
- TME 10 NetView for OS/390 Version 1 Release 1 SSI is not compatible with prior versions of NetView. Users must end both the TME 10 NetView for OS/390 Version 1 Release 1 application and the SSI before starting a previous release of NetView. DSICTMOD is a constants module containing definitions upon which TME 10 NetView for OS/390 Version 1 Release 1 depends. Make sure you modify, assemble, and link-edit this module if you are migrating and want to keep changes you made to this module in a previous release.
- The workstation code for TME 10 NetView for OS/390 Version 1 Release 1 is not compatible with releases of NetView prior to V3R1. Likewise, TME 10 NetView for OS/390 Version 1 Release 1 is not compatible with releases of workstation code prior to V3R1. TME 10 NetView for OS/390 Version 1 Release 1 can be compatible with V3R1 workstation code if the *ENABLE31GDS* parameter is set to YES in the DUIFPMEM parameter member. For more information, please see the NetView Installation and Administration Guide.
- CNME1035, an important command list used at NetView startup, was changed in NetView V2R3. If you are migrating from an earlier release of NetView and plan on using your old CNME1035, note that a new task, DSIRQJOB, is started out of this command list at NetView initialization.
- If you are running the NetView program with VTAM V4R1 or a later release, you need to specify some migration options in the VTAM start options member, ATCSTR00 (CNMS0010), to continue using certain functions. VTAM V4R1 provides a new function called network qualified names (NQN), which requires new operands be added to the VTAM messages. Instead of modifying the old messages, new messages were created to allow for migration. If you are using the status monitor, the NetView Graphic Monitor Facility command support, or any type of user program that examines VTAM messages, you need to consider using the following options:

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

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

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

- Due to performance considerations, it is recommended that you re-allocate your VSAM data sets when you install TME 10 NetView for OS/390 Version 1 Release 1. If you do not, you may receive VSAM warning messages and will be unable to take advantage of some of the performance improvements in this release. You can prevent these messages from being issued by re-running the job to create your DSIZVLSR after installing NetView, or placing your current copy of DSIZVLSR in a data set ahead of the TME 10 NetView for OS/390 Version 1 Release 1 code.
- If you are installing TME 10 NetView for OS/390 Version 1 Release 1 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).

---

## 2.0 Program Materials

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

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

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

---

### 2.1 Basic Machine-Readable Material

The distribution medium for this program is 9-track magnetic tapes, written at 6250 BPI, 3480 cartridges, or 4mm tape. The tapes or cartridges contain all the programs and data needed for installation. It is installed using SMP/E R8 or later. See 5.0, "Installation Requirements and Considerations for the Unattended Option" on page 27, 6.0, "Installation Requirements and Considerations for the Procedural Option" on page 39 and 7.0, "Installation Requirements and Considerations for the Graphical Enterprise Option" on page 51 for more information about how to install the program.

#### 2.1.1 Unattended Option for C/370

Figure 2 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option for C/370 US English. Figure 3 on page 13 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

*Figure 2. Unattended Option for C/370 US English Basic Material: Program Tape(s)*

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5841	1	U 1/1 VOLSER=PZ8200	PZ8200
3480 cart.	5842	1	U 1/1 VOLSER=PZ8200	PZ8200
4mm tape	5504	1	U 1/1 VOLSER=PZ8200	PZ8200

Figure 3. Unattended Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	1	SMPMCS	FB	80	N/A	N/A
PZ8200	2	IBM.HPZ8200.F1	FB	80	8800	260
PZ8200	3	IBM.HPZ8200.F2	FB	80	8800	37
PZ8200	4	IBM.HPZ8200.F3	U	0	6144	3736
PZ8200	5	IBM.HPZ8200.F4	FB	80	8800	727
PZ8200	6	IBM.HPZ8200.F5	VB	256	6148	13
PZ8200	7	IBM.HPZ8200.F6	U	0	6144	374
PZ8200	8	IBM.HPZ8200.F7	FB	80	8800	136
PZ8200	9	IBM.JPZ8201.F1	FB	80	8800	1
PZ8200	10	IBM.JPZ8201.F2	U	0	6144	9
PZ8200	11	IBM.JPZ8202.F1	FB	80	8800	1
PZ8200	12	IBM.JPZ8202.F2	U	0	6144	4
PZ8200	13	IBM.JPZ8204.F1	FB	80	8800	1
PZ8200	14	IBM.JPZ8204.F2	U	0	6144	52
PZ8200	15	IBM.JPZ8204.F3	FB	125	3125	2
PZ8200	16	IBM.JPZ8204.F4	FB	80	8800	113
PZ8200	17	IBM.JPZ8204.F5	VB	256	6148	29
PZ8200	18	IBM.JPZ8206.F1	FB	80	8800	1
PZ8200	19	IBM.JPZ8206.F2	FB	80	8800	3
PZ8200	20	IBM.JPZ8206.F3	U	0	6144	21

## 2.1.2 Unattended Option for LE/370

Figure 4 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option for LE/370 US English. Figure 5 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 4. Unattended Option for LE/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5851	1	U 1/1 VOLSER=PZ8200	PZ8200
3480 cart.	5852	1	U 1/1 VOLSER=PZ8200	PZ8200
4mm tape	5505	1	U 1/1 VOLSER=PZ8200	PZ8200

Figure 5. Unattended Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	1	SMPMCS	FB	80	N/A	N/A
PZ8200	2	IBM.HPZ8200.F1	FB	80	8800	260
PZ8200	3	IBM.HPZ8200.F2	FB	80	8800	37
PZ8200	4	IBM.HPZ8200.F3	U	0	6144	3736
PZ8200	5	IBM.HPZ8200.F4	FB	80	8800	727
PZ8200	6	IBM.HPZ8200.F5	VB	256	6148	13
PZ8200	7	IBM.HPZ8200.F6	U	0	6144	374
PZ8200	8	IBM.HPZ8200.F7	FB	80	8800	136
PZ8200	9	IBM.JPZ8203.F1	FB	80	8800	1
PZ8200	10	IBM.JPZ8203.F2	U	0	6144	12
PZ8200	11	IBM.JPZ8204.F1	FB	80	8800	1
PZ8200	12	IBM.JPZ8204.F2	U	0	6144	52
PZ8200	13	IBM.JPZ8204.F3	FB	125	3125	2
PZ8200	14	IBM.JPZ8204.F4	FB	80	8800	113
PZ8200	15	IBM.JPZ8204.F5	VB	256	6148	29
PZ8200	16	IBM.JPZ8206.F1	FB	80	8800	1
PZ8200	17	IBM.JPZ8206.F2	FB	80	8800	3
PZ8200	18	IBM.JPZ8206.F3	U	0	6144	21

### 2.1.3 Procedural Option for C/370

Figure 6 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 1 Procedural option for C/370 US English. Figure 7 on page 15 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 6 (Page 1 of 2). Procedural Option for C/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5821	1	P 1/3 VOLSER=PZ8200	PZ8200
6250 tape	5821	2	P 2/3 VOLSER=PZ8220	PZ8220
6250 tape	5821	3	P 3/3 VOLSER=PZ8230	PZ8230
3480 cart.	5822	1	P 1/3 VOLSER=PZ8200	PZ8200
3480 cart.	5822	2	P 2/3 VOLSER=PZ8220	PZ8220

Figure 6 (Page 2 of 2). Procedural Option for C/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
3480 cart.	5822	3	P 3/3 VOLSER=PZ8230	PZ8230
4mm tape	5502	1	P 1/3 VOLSER=PZ8200	PZ8200
4mm tape	5502	2	P 2/3 VOLSER=PZ8220	PZ8220
4mm tape	5502	3	P 3/3 VOLSER=PZ8230	PZ8230

**Note:** Volume 3 is the media for AON is covered in a separate program directory.

Figure 7. Procedural Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	1	SMPMCS	FB	80	N/A	N/A
PZ8200	2	IBM.HPZ8200.F1	FB	80	8800	260
PZ8200	3	IBM.HPZ8200.F2	FB	80	8800	37
PZ8200	4	IBM.HPZ8200.F3	U	0	6144	3736
PZ8200	5	IBM.HPZ8200.F4	FB	80	8800	727
PZ8200	6	IBM.HPZ8200.F5	VB	256	6148	13
PZ8200	7	IBM.HPZ8200.F6	U	0	6144	374
PZ8200	8	IBM.HPZ8200.F7	FB	80	8800	136
PZ8200	9	IBM.JPZ8201.F1	FB	80	8800	1
PZ8200	10	IBM.JPZ8201.F2	U	0	6144	9
PZ8200	11	IBM.JPZ8202.F1	FB	80	8800	1
PZ8200	12	IBM.JPZ8202.F2	U	0	6144	4
PZ8200	13	IBM.JPZ8204.F1	FB	80	8800	1
PZ8200	14	IBM.JPZ8204.F2	U	0	6144	52
PZ8200	15	IBM.JPZ8204.F3	FB	125	3125	2
PZ8200	16	IBM.JPZ8204.F4	FB	80	8800	113
PZ8200	17	IBM.JPZ8204.F5	VB	256	6148	29
PZ8200	18	IBM.JPZ8206.F1	FB	80	8800	1
PZ8200	19	IBM.JPZ8206.F2	FB	80	8800	3
PZ8200	20	IBM.JPZ8206.F3	U	0	6144	21
PZ8220	1	SMPMCS	FB	80	N/A	N/A
PZ8220	2	IBM.JPZ8220.F1	FB	80	8800	37
PZ8220	3	IBM.JPZ8224.F1	FB	80	8800	7272

## 2.1.4 Procedural Option for LE/370

Figure 8 on page 16 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option for LE/370 US English. Figure 9 on page 17 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 8. Procedural Option for LE/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5831	1	P 1/3 VOLSER=PZ8200	PZ8200
6250 tape	5831	2	P 2/3 VOLSER=PZ8220	PZ8220
6250 tape	5831	3	P 3/3 VOLSER=PZ8230	PZ8230
3480 cart.	5832	1	P 1/3 VOLSER=PZ8200	PZ8200
3480 cart.	5832	2	P 2/3 VOLSER=PZ8220	PZ8220
3480 cart.	5832	3	P 3/3 VOLSER=PZ8230	PZ8230
4mm tape	5503	1	P 1/3 VOLSER=PZ8200	PZ8200
4mm tape	5503	2	P 2/3 VOLSER=PZ8220	PZ8220
4mm tape	5503	3	P 3/3 VOLSER=PZ8230	PZ8230

**Note:** Volume 3 is the media for AON is covered in a separate program directory.



Figure 9. Procedural Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	1	SMPMCS	FB	80	N/A	N/A
PZ8200	2	IBM.HPZ8200.F1	FB	80	8800	260
PZ8200	3	IBM.HPZ8200.F2	FB	80	8800	37
PZ8200	4	IBM.HPZ8200.F3	U	0	6144	3736
PZ8200	5	IBM.HPZ8200.F4	FB	80	8800	727
PZ8200	6	IBM.HPZ8200.F5	VB	256	6148	13
PZ8200	7	IBM.HPZ8200.F6	U	0	6144	374
PZ8200	8	IBM.HPZ8200.F7	FB	80	8800	136
PZ8200	9	IBM.JPZ8203.F1	FB	80	8800	1
PZ8200	10	IBM.JPZ8203.F2	U	0	6144	12
PZ8200	11	IBM.JPZ8204.F1	FB	80	8800	1
PZ8200	12	IBM.JPZ8204.F2	U	0	6144	52
PZ8200	13	IBM.JPZ8204.F3	FB	125	3125	2
PZ8200	14	IBM.JPZ8204.F4	FB	80	8800	113
PZ8200	15	IBM.JPZ8204.F5	VB	256	6148	29
PZ8200	26	IBM.JPZ8206.F1	FB	80	8800	1
PZ8200	17	IBM.JPZ8206.F2	FB	80	8800	3
PZ8200	18	IBM.JPZ8206.F3	U	0	6144	21
PZ8220	1	SMPMCS	FB	80	N/A	N/A
PZ8220	2	IBM.JPZ8220.F1	FB	80	8800	37
PZ8220	3	IBM.JPZ8224.F1	FB	80	8800	7272

## 2.1.5 Graphical Enterprise Installation Option for C/370

Figure 10 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option for C/370 US English. Figure 11 on page 18 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 10 (Page 1 of 2). Graphical Enterprise Option for C/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5801	1	E 1/5 VOLSER=PZ8200	PZ8200
6250 tape	5801	2	E 2/5 VOLSER=PZ8220	PZ8220

Figure 10 (Page 2 of 2). Graphical Enterprise Option for C/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5801	3	E 3/5 VOLSER=PZ8230	PZ8230
6250 tape	5801	4	E 4/5 VOLSER=PZ8240	PZ8240
6250 tape	5801	5	E 5/5 VOLSER=PZ8250	PZ8250
3480 cart.	5802	1	E 1/5 VOLSER=PZ8200	PZ8200
3480 cart.	5802	2	E 2/5 VOLSER=PZ8220	PZ8220
3480 cart.	5802	3	E 3/5 VOLSER=PZ8230	PZ8230
3480 cart.	5802	4	E 4/5 VOLSER=PZ8240	PZ8240
3480 cart.	5802	5	E 5/5 VOLSER=PZ8250	PZ8250
4mm tape	5500	1	E 1/5 VOLSER=PZ8200	PZ8200
4mm tape	5500	2	E 2/5 VOLSER=PZ8220	PZ8220
4mm tape	5500	3	E 3/5 VOLSER=PZ8230	PZ8230
4mm tape	5500	4	E 4/5 VOLSER=PZ8240	PZ8240
4mm tape	5500	5	E 5/5 VOLSER=PZ8250	PZ8250

**Note:** Volume 3 is the media for AON and is covered in a separate program directory.

**Note:** Volume 5 is the media for MSM and is covered in a separate program directory.

Figure 11 (Page 1 of 2). Graphical Enterprise Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	1	SMPMCS	FB	80	N/A	N/A
PZ8200	2	IBM.HPZ8200.F1	FB	80	8800	260
PZ8200	3	IBM.HPZ8200.F2	FB	80	8800	37
PZ8200	4	IBM.HPZ8200.F3	U	0	6144	3736
PZ8200	5	IBM.HPZ8200.F4	FB	80	8800	727
PZ8200	6	IBM.HPZ8200.F5	VB	256	6148	13
PZ8200	7	IBM.HPZ8200.F6	U	0	6144	374
PZ8200	8	IBM.HPZ8200.F7	FB	80	8800	136
PZ8200	9	IBM.JPZ8201.F1	FB	80	8800	1
PZ8200	10	IBM.JPZ8201.F2	U	0	6144	9
PZ8200	11	IBM.JPZ8202.F1	FB	80	8800	1
PZ8200	12	IBM.JPZ8202.F2	U	0	6144	4
PZ8200	13	IBM.JPZ8204.F1	FB	80	8800	1

Figure 11 (Page 2 of 2). Graphical Enterprise Option for C/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	14	IBM.JPZ8204.F2	U	0	6144	52
PZ8200	15	IBM.JPZ8204.F3	FB	125	3125	2
PZ8200	16	IBM.JPZ8204.F4	FB	80	8800	113
PZ8200	17	IBM.JPZ8204.F5	VB	256	6148	29
PZ8200	18	IBM.JPZ8206.F1	FB	80	8800	1
PZ8200	19	IBM.JPZ8206.F2	FB	80	8800	3
PZ8200	20	IBM.JPZ8206.F3	U	0	6144	21
PZ8220	1	SMPMCS	FB	80	N/A	N/A
PZ8220	2	IBM.JPZ8220.F1	FB	80	8800	37
PZ8220	3	IBM.JPZ8224.F1	FB	80	8800	7272
PZ8240	1	SMPMCS	FB	80	N/A	N/A
PZ8240	2	IBM.JPZ8240.F1	FB	80	8800	6
PZ8240	3	IBM.JPZ8240.F2	U	0	6144	39
PZ8240	4	IBM.JPZ8240.F3	FB	80	8800	53
PZ8240	5	IBM.JPZ8240.F4	VB	256	6148	43
PZ8240	6	IBM.JPZ8240.F5	VB	1028	6168	28
PZ8240	7	IBM.JPZ8244.F1	VB	256	6148	73
PZ8240	8	IBM.JPZ8246.F1	FB	80	8800	3
PZ8240	9	IBM.JPZ8246.F2	FB	80	8800	9
PZ8240	10	IBM.JPZ8246.F3	U	0	6144	300

## 2.1.6 Graphical Enterprise Installation Option for LE/370

Figure 12 describes the tapes or cartridges for TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option for LE/370 US English. Figure 13 on page 20 describes the file content of the program tapes for 6250 BPI, 3480 cartridges and 4mm tape.

Figure 12 (Page 1 of 2). Graphical Enterprise Option for LE/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5811	1	E 1/5 VOLSER=PZ8200	PZ8200
6250 tape	5811	2	E 2/5 VOLSER=PZ8220	PZ8220
6250 tape	5811	3	E 3/5 VOLSER=PZ8230	PZ8230

Figure 12 (Page 2 of 2). Graphical Enterprise Option for LE/370 US English Basic Material: Program Tape(s)

Medium	Feature Number	Physical Volume	External Label Identification	VOLSER
6250 tape	5811	4	E 4/5 VOLSER=PZ8240	PZ8240
6250 tape	5811	5	E 5/5 VOLSER=PZ8250	PZ8250
3480 cart.	5812	1	E 1/5 VOLSER=PZ8200	PZ8200
3480 cart.	5812	2	E 2/5 VOLSER=PZ8220	PZ8220
3480 cart.	5812	3	E 3/5 VOLSER=PZ8230	PZ8230
3480 cart.	5812	4	E 4/5 VOLSER=PZ8240	PZ8240
3480 cart.	5812	5	E 5/5 VOLSER=PZ8250	PZ8250
4mm tape	5501	1	E 1/5 VOLSER=PZ8200	PZ8200
4mm tape	5501	2	E 2/5 VOLSER=PZ8220	PZ8220
4mm tape	5501	3	E 3/5 VOLSER=PZ8230	PZ8230
4mm tape	5501	4	E 4/5 VOLSER=PZ8240	PZ8240
4mm tape	5501	5	E 5/5 VOLSER=PZ8250	PZ8250

**Note:** Volume 3 is the media for AON and is covered in a separate program directory.

**Note:** Volume 5 is the media for MSM and is covered in a separate program directory.

Figure 13 (Page 1 of 2). Graphical Enterprise Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	1	SMPMCS	FB	80	N/A	N/A
PZ8200	2	IBM.HPZ8200.F1	FB	80	8800	260
PZ8200	3	IBM.HPZ8200.F2	FB	80	8800	37
PZ8200	4	IBM.HPZ8200.F3	U	0	6144	3736
PZ8200	5	IBM.HPZ8200.F4	FB	80	8800	727
PZ8200	6	IBM.HPZ8200.F5	VB	256	6148	13
PZ8200	7	IBM.HPZ8200.F6	U	0	6144	374
PZ8200	8	IBM.HPZ8200.F7	FB	80	8800	136
PZ8200	9	IBM.JPZ8203.F1	FB	80	8800	1
PZ8200	10	IBM.JPZ8203.F2	U	0	6144	12
PZ8200	11	IBM.JPZ8204.F1	FB	80	8800	1
PZ8200	12	IBM.JPZ8204.F2	U	0	6144	52
PZ8200	13	IBM.JPZ8204.F3	FB	125	3125	2
PZ8200	14	IBM.JPZ8204.F4	FB	80	8800	113

Figure 13 (Page 2 of 2). Graphical Enterprise Option for LE/370 US English Program Tape(s): File Content (6250 BPI, 3480 cartridges and 4mm tape)

VOLSER	File	Name	RECFM	LRECL	BLK Size	Number of Elements
PZ8200	15	IBM.JPZ8204.F5	VB	256	6148	29
PZ8200	16	IBM.JPZ8206.F1	FB	80	8800	1
PZ8200	17	IBM.JPZ8206.F2	FB	80	8800	3
PZ8200	18	IBM.JPZ8206.F3	U	0	6144	21
PZ8220	1	SMPMCS	FB	80	N/A	N/A
PZ8220	2	IBM.JPZ8220.F1	FB	80	8800	37
PZ8220	3	IBM.JPZ8224.F1	FB	80	8800	7272
PZ8240	1	SMPMCS	FB	80	N/A	N/A
PZ8240	2	IBM.JPZ8240.F1	FB	80	8800	6
PZ8240	3	IBM.JPZ8240.F2	U	0	6144	39
PZ8240	4	IBM.JPZ8240.F3	FB	80	8800	53
PZ8240	5	IBM.JPZ8240.F4	VB	256	6148	43
PZ8240	6	IBM.JPZ8240.F5	VB	1028	6168	28
PZ8240	7	IBM.JPZ8244.F1	VB	256	6148	73
PZ8240	8	IBM.JPZ8246.F1	FB	80	8800	3
PZ8240	9	IBM.JPZ8246.F2	FB	80	8800	9
PZ8240	10	IBM.JPZ8246.F3	U	0	6144	300

## 2.2 Additional Basic Material

## 2.3 Optional Machine-Readable Material

There are no optional machine-readable materials for TME 10 NetView for OS/390 Version 1 Release 1.

## 2.4 Program Publications

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

## 2.4.1 Basic Program Publications

Figure 15 on page 22 identifies the basic unlicensed program publications for TME 10 NetView for OS/390 Version 1 Release 1. Figure 14 on page 22 identifies the basic licensed program publications for TME 10 NetView for OS/390 Version 1 Release 1. 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 1. For additional copies, contact your IBM representative.

Figure 14. Basic Material: Licensed Publications

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

Figure 15. Basic Material: Unlicensed Publications

Publication Title	Form Number
<i>TME 10 NetView for OS/390 Licensed Program Specifications</i>	SC31-8235
<i>TME 10 NetView for OS/390 Administration and Security Reference</i>	SC31-8222
<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>	SC31-8241
<i>TME 10 NetView for OS/390 Tuning Guide*</i>	SC31-8240
<i>TME 10 NetView for OS/390 Tutorial</i>	SK2T-6097

\* When available

## 2.4.2 Optional Program Publications

Figure 16 identifies the optional program publications for TME 10 NetView for OS/390 Version 1 Release 1. Customers of record may order one copy of each of the following publications at no charge.

Figure 16 (Page 1 of 2). Optional Material: Unlicensed Publications

Publication Title	Form Number
<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 Bridge Implementation</i>	SC31-8238
<i>TME 10 NetView for OS/390 Command Reference</i>	SC31-8227
<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

Figure 16 (Page 2 of 2). Optional Material: Unlicensed Publications

<b>Publication Title</b>	<b>Form Number</b>
<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 Customization: Using Pipes</i>	SC31-8248
<i>TME 10 NetView for OS/390 RODM &amp; GMFHS Programming Guide</i>	SC31-8233

Figure 17 lists additional publications that you may order if you ordered the Graphical Enterprise option.

Figure 17. Basic Material: Additional Unlicensed Publications for the Graphical Enterprise option

<b>Publication Title</b>	<b>Form Number</b>
<i>TME 10 NetView for OS/390 APPN Topology and Accounting Agent Guide</i>	SC31-8224
<i>TME 10 NetView for OS/390 Data Model Reference</i>	SC31-8232
<i>TME 10 NetView for OS/390 Graphic Monitor Facility User's Guide</i>	SC31-8234
<i>TME 10 NetView for OS/390 SNA Topology Manager and APPN Accounting Manager Implementation Guide</i>	SC31-8239

---

## 2.5 Microfiche Support

There is no microfiche for TME 10 NetView for OS/390 Version 1 Release 1.

---

## 2.6 Publications Useful During Installation

The publications listed in Figure 18 may be useful during the installation of TME 10 NetView for OS/390 Version 1 Release 1. To order copies, contact your IBM representative.

Figure 18. Publications Useful During Installation

<b>Publication Title</b>	<b>Form Number</b>
<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 1.

**Note:** The TME 10 NetView for OS/390 Version 1 Release 1 Levelset APARs, **OW25087** and **OW25680**, must be applied before contacting IBM regarding any defects.

---

### 3.1 Program Services

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

---

### 3.2 Preventive Service Planning

If you obtained TME 10 NetView for OS/390 Version 1 Release 1 as part of a CBPDO, there is HOLDDATA and Preventive Service Planning (PSP) information for TME 10 NetView for OS/390 Version 1 Release 1 on the CBPDO tape. Before installing TME 10 NetView for OS/390 Version 1 Release 1, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended for additional PSP information.

To obtain this information, specify TME10NETV110 as your UPGRADE. Also specify the SUBSET values listed for your ordering option in Figure 19.

*Figure 19. Ordering Options and SUBSET IDs*

<b>Ordering Option</b>	<b>Subset</b>
Unattended C/370	HPZ8200 JPZ8201 JPZ8202 JPZ8204 JPZ8206
Unattended LE/370	HPZ8200 JPZ8203 JPZ8204 JPZ8206
Procedural C/370	HPZ8200 JPZ8201 JPZ8202 JPZ8204 JPZ8206 JPZ8220 JPZ8224
Procedural LE/370	HPZ8200 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224
Graphical Enterprise C/370	HPZ8200 JPZ8201 JPZ8202 JPZ8204 JPZ8206 JPZ8220 JPZ8224 JPZ8240 JPZ8244 JPZ8246
Graphical Enterprise LE/370	HPZ8200 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224 JPZ8240 JPZ8244 JPZ8246



If you have received TME 10 NetView for OS/390 Version 1 Release 1 from IBM Software Distribution, before installing TME 10 NetView for OS/390 Version 1 Release 1, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended for additional PSP information.

---

### 3.3 Statement of Support Procedures

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

Figure 20 identifies the component IDs (COMP IDs) for TME 10 NetView for OS/390 Version 1 Release 1.

*Figure 20. Component IDs*

<b>FMID</b>	<b>COMP ID</b>	<b>Component Name</b>	<b>REL</b>
HPZ8200	5697B8200	NetView Unattended Base	200
JPZ8201	5697B8200	NetView Unattended PL/I	201
JPZ8202	5697B8200	NetView Unattended C/370	202
JPZ8203	5697B8200	NetView Unattended LE/370	203
JPZ8204	5697B8200	NetView Unattended US English	204
JPZ8206	5697B8200	NetView Unattended Methods	206
JPZ8220	5697B8200	NetView Procedural Base	220
JPZ8224	5697B8200	NetView Procedural US English	224
JPZ8240	5697B8200	NetView Enterprise Base	240
JPZ8244	5697B8200	NetView Enterprise US English	244
JPZ8246	5697B8200	NetView Enterprise Methods	246

---

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

This section identifies the program and service levels of TME 10 NetView for OS/390 Version 1 Release 1. 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 199 lists the APAR fixes for previous releases of NetView that have been incorporated into TME 10 NetView for OS/390 Version 1 Release 1.

---

### **4.2 Service Level Information**

This is the initial release of TME 10 NetView for OS/390 Version 1 Release 1 and there are no PTFs.

---

### **4.3 Cumulative Service Tape**

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

---

## 5.0 Installation Requirements and Considerations for the Unattended Option

The following sections identify the system requirements for installing and activating TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option. The information is categorized into two distinct system environments:

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

Figure 21 shows the Unattended High Level Language options and their components.

*Figure 21. High Level Language Options for Unattended*

High Level Language Ordering Option	Components	FMIDs
Unattended C/370	NetView Unattended Base	HPZ8200
	NetView Unattended PL/I	JPZ8201
	NetView Unattended C/370	JPZ8202
	NetView Unattended US English	JPZ8204
	NetView Unattended Methods	JPZ8206
Unattended LE/370	NetView Unattended Base	HPZ8200
	NetView Unattended LE/370	JPZ8203
	NetView Unattended US English	JPZ8204
	NetView Unattended Methods	JPZ8206

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by TME 10 NetView for OS/390 Version 1 Release 1 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

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

---

### 5.1 Driving System Requirements

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

## 5.1.1 Operating System Requirements

Use MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) operating system or higher to install TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option.

## 5.1.2 Machine Requirements

There are no special machine requirements for the driving system.

## 5.1.3 Programming Requirements

SMP/E R8 or later (5668-949) is required to install TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option.

## 5.1.4 DASD Storage Requirements

Figure 22 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 22. Storage Requirements for SMPCSI Data Set for SMP/E for TME 10 NetView for OS/390 Version 1 Release 1 Unattended*

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

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install TME 10 NetView for OS/390 Version 1 Release 1.

*Figure 23. Storage Requirements for SMP/E System Entries*

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

Figure 24 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 23.

*Figure 24. Approximate SMP/E Temporary Library Space*

Disk Drive	Tracks
3390	1675

Figure 25. Storage Requirements for the SMP/E Work Data Sets

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

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

Figure 26. Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPMTS	EM	PO	FB	80	6160	40,10	25
SMPPTS	EM	PO	FB	80	6160	400,10	25
SMPLTS	EM	PO	U	0	6144	3600,100	50
SMPSCDS	EM	PO	FB	80	6160	40,10	25
SMPSTS	EM	PO	FB	80	6160	40,10	25

## 5.2 Target System Requirements

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

### 5.2.1 Operating System Requirements

TME 10 NetView for OS/390 Version 1 Release 1 Unattended operates under the MVS/ESA operating system.

## 5.2.2 Machine Requirements

TME 10 NetView for OS/390 Version 1 Release 1 Unattended operates under the MVS/ESA operating system at MVS/ESA Version 5 Release 1.1 or higher.

## 5.2.3 Programming Requirements

TME 10 NetView for OS/390 Version 1 Release 1 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or higher
  - ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085) or later
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 Release 5 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher
  - ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085) or later
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 Release 5 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later

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

## 5.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option. The installation samples allocate data sets large enough to install any language option of TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

Figure 27. Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G E	R E C O R D S	L R E C O R D S	BLK Size	No. of BLKS	No. of DIR BLKS
BNJPNL1	EU	PO	FB	80	8800	48	1
BNJPNL2	EU	PO	FB	80	8800	5	1
BNJSRC1	EU	PO	FB	80	8800	69	3
CNMCLST	EU	PO	FB	80	8800	501	11
CNMINST	EU	PO	FB	80	8800	53	2
CNMLINK	EU	PO	U	0	6144	2783	141
CNMPNL1	EU	PO	FB	80	8800	6	1
CNMSAMP	EU	PO	FB	80	8800	580	19
DSIPARM	EU	PO	FB	80	8800	86	4
DSIPRF	EU	PO	FB	80	8800	5	1
SDSIOPEN	EU	PO	FB	80	8800	6	1
SEGVPS21	EU	PO	VB	256	6148	2455	2
SEKGMOD1	NU	PO	U	0	6144	389	6
SEKGMOD2	NM	PO	U	0	6144	115	3
SEKGLNK1	EU	PO	U	0	6144	2	1
SEKGLUTB	NU	PO	FB	80	8800	1	1
SEKGCAS1	NU	PO	FB	80	8800	1	1
SEKGLANG	NM	PO	FB	125	3125	15	1
SEKGSMP1	NM	PO	FB	80	8800	349	7
SEKGPNL1	NM	PO	FB	80	8800	13	2
MACLIB	EU	PO	FB	80	8800	723	13
NVULIB	EU	PO	U	0	6144	29	6
SCNMLNK1	EU	PO	U	0	6144	2	1
SCNMLPA1	EU	PO	U	0	6144	7	2
SDSIMSG1	EU	PO	FB	80	8800	4	1
SDUIMSG1	EU	PO	FB	80	8800	6	1

Figure 28. Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
ABNJPNL1	EU	PO	FB	80	6160	48	1
ABNJPNL2	EU	PO	FB	80	8800	5	1
ABNJSRC1	EU	PO	FB	80	8800	69	3
ACNMCLST	EU	PO	FB	80	8800	501	11
ACNMINST	EU	PO	FB	80	8800	52	2
ACNMLINK	EU	PO	U	0	6144	4597	530
ACNMPNL1	EU	PO	FB	80	8800	6	1
ACNMSAMP	EU	PO	FB	80	8800	580	19
ADSIPARM	EU	PO	FB	80	8800	86	4
ADSIPRF	EU	PO	FB	80	8800	5	1
ADSIOPEN	EU	PO	FB	80	8800	6	1
AEGVPS21	EU	PO	VB	256	6148	2455	2
ADSIMSG1	EU	PO	FB	80	8800	4	1
ADUIMSG1	EU	PO	FB	80	8800	5	1
AEKGMOD1	NU	PO	U	0	6144	618	58
AEKGLUTB	NU	PO	FB	80	8800	1	1
AEKGCAS1	NU	PO	FB	80	8800	1	1
AEKGLANG	NM	PO	FB	125	3125	15	1
AEKGSMP1	NU	PO	FB	80	8800	349	7
AEKGPNL1	NU	PO	FB	80	8800	13	2
AMACLIB	EU	PO	FB	80	8800	723	13
ANVULIB	EU	PO	U	0	6144	29	6

### 5.3 Program Considerations

The following sections list the programming considerations for installing TME 10 NetView for OS/390 Version 1 Release 1 Unattended and activating its functions.



## 5.3.1 Programming Considerations

See 5.0, "Installation Requirements and Considerations for the Unattended Option" on page 27 for specific instructions.

## 5.3.2 System Considerations

There are no system considerations for TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option.

## 5.3.3 Special Considerations

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

### 5.3.3.1 NetView Installation and Administration Facility/2

- OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)
- Communications Manager/2 1.0 (or later) (20G1575)  
or  
Communications Server Version 4 (5765-652) and  
Personal Communications 3270 Version 4 Release 1 for OS/2 (PCOMM) (39H3929) with CSD2 applied.
- Database 2 OS/2 (DB2/2) (5622-044) (DB2/2 2.1 or higher)

### 5.3.3.2 Resource Object Data Manager (RODM)

- One of the following sets of runtime libraries:
  - PL/I 370 and C 370
    - OS PL/I Version 2.3 Library (5668-911)
    - C/370 Library Version 2 (5688-188)
  - LE/370 LE/370 Version 1 Release 5 (5688-198)
- One of the following is required:
  - MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or higher
  - MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher
- RODM Methods
  - TME 10 NetView for OS/390 Version 1 Release 1 RODM methods written in PL/I and C are compatible with LE/370 compiler and runtime libraries.

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

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API
  - AD/Cycle LE/370 Version 1 Release 5 (5688-198)

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

TME 10 NetView for OS/390 Version 1 Release 1 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 1.1 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher

### **5.3.3.5 MVS Sysplex Support - Enablement**

TME 10 NetView for OS/390 Version 1 Release 1 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 1.1 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher

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

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

### **5.3.3.7 Pipeline Automation**

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

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

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

### **5.3.3.9 NetView Support for 3174 ISDN**

- 3174 Configuration C Release 1

### **5.3.3.10 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)

### **5.3.3.11 Session Monitor Support of HPR and MNPS**

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

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

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

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

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)
- Communications Manager/2 1.1.1 for local support
- Communications Manager/2 1.2 for cross network support

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

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

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

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

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

- ACF/NCP Version 6 (5688-231)

### **5.3.3.17 NetView Parallel Transmission Group Support**

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

### **5.3.3.18 NetView Network Asset Management**

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

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

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

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 4 VSE (5668-738) and

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

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

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

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

- PNA Version 1.11 (72F0-708)

#### **5.3.3.21 Active in Session**

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

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

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

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

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

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

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

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

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

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

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

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

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

#### **5.3.3.28 View Security**

- RACF 2.1 (5695-039) or later or its SAF equivalent  
or OS/390 Release 1 (5645-001) or later with RACF Version 2 Release 2

### 5.3.3.29 High Level Language (HLL) restriction

- If you are installing TME 10 NetView for OS/390 Version 1 Release 1 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 1 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 JPZ8203, but **not** FMIDs JPZ8201 or JPZ8202. 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.

### 5.3.3.30 Other Considerations

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

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

*Figure 29. APARs Required to Use RODM*

Product	APARs
PL/I V2R3	PL85812 PN06072 PN00307 PN16148 PN25681 PN18478
MVS	OY44197 OY50257 OY47498

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

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

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

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

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

The TSCF V1 PTF for APAR OY44072 is required for TME 10 NetView for OS/390 Version 1 Release 1 to run with TSCF V1.

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

NetView 2.4 and 3.1 STATMON compatibility support

NetView V3R1 PTF UW30809

NetView V2R4 PTF UW30781

You are now aware of all of the installation requirements for TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option. Proceed to 8.0, "Installation Instructions" on page 67 to begin your product installation.

## 6.0 Installation Requirements and Considerations for the Procedural Option

The following sections identify the system requirements for installing and activating TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option. The information is categorized into two distinct system environments:

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

Figure 30 shows the Procedural High Level Language options and their components.

*Figure 30. High Level Language Options for Procedural*

High Level Language Ordering Option	Components	FMIDs
Procedural C/370	NetView Unattended Base	HPZ8200
	NetView Unattended PL/I	JPZ8201
	NetView Unattended C/370	JPZ8202
	NetView Unattended US English	JPZ8204
	NetView Unattended Methods	JPZ8206
	NetView Procedural Base	JPZ8220
	NetView Procedural US English	JPZ8224
Procedural LE/370	NetView Unattended Base	HPZ8200
	NetView Unattended LE/370	JPZ8203
	NetView Unattended US English	JPZ8204
	NetView Unattended Methods	JPZ8206
	NetView Procedural Base	JPZ8220
	NetView Procedural US English	JPZ8224

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by TME 10 NetView for OS/390 Version 1 Release 1 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

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

---

## 6.1 Driving System Requirements

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

### 6.1.1 Operating System Requirements

Use MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) operating system or higher to install TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option.

### 6.1.2 Machine Requirements

There are no special machine requirements for the driving system.

### 6.1.3 Programming Requirements

SMP/E R8 or later (5668-949) is required to install TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option.

### 6.1.4 DASD Storage Requirements

Figure 31 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 31. Storage Requirements for SMPCSI Data Set for SMP/E for TME 10 NetView for OS/390 Version 1 Release 1 Procedural*

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

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install TME 10 NetView for OS/390 Version 1 Release 1.

*Figure 32. Storage Requirements for SMP/E System Entries*

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

Figure 33 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 32.



Figure 33. Approximate SMP/E Temporary Library Space

Disk Drive	Tracks
3390	1675

Figure 34. Storage Requirements for the SMP/E Work Data Sets

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

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

Figure 35. Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPMTS	EM	PO	FB	80	6160	40,10	25
SMPPTS	EM	PO	FB	80	6160	400,10	25
SMPLTS	EM	PO	U	0	6144	3600,100	50
SMPSCDS	EM	PO	FB	80	6160	40,10	25
SMPSTS	EM	PO	FB	80	6160	40,10	25

## 6.2 Target System Requirements

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

## 6.2.1 Operating System Requirements

TME 10 NetView for OS/390 Version 1 Release 1 Procedural operates under the MVS/ESA operating system.

## 6.2.2 Machine Requirements

TME 10 NetView for OS/390 Version 1 Release 1 Procedural runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.

## 6.2.3 Programming Requirements

TME 10 NetView for OS/390 Version 1 Release 1 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or higher
  - ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085) or later
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 Release 5 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher
  - ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085) or later
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 Release 5 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later

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

## 6.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option. The installation samples allocate data sets large enough to install any language option of TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

Figure 36. Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
BNJPNL1	EU	PO	FB	80	8800	2255	233
BNJPNL2	EU	PO	FB	80	8800	46	5
BNJSRC1	EU	PO	FB	80	8800	69	3
CNMCLST	EU	PO	FB	80	8800	501	11
CNMINST	EU	PO	FB	80	8800	50	2
CNMLINK	EU	PO	U	0	6144	2778	141
CNMPNL1	EU	PO	FB	80	8800	2300	112
CNMSAMP	EU	PO	FB	80	8800	574	19
DSIPARM	EU	PO	FB	80	8800	197	6
DSIPRF	EU	PO	FB	80	8800	5	1
SDSIOPEN	EU	PO	FB	80	8800	6	1
SEGVPS21	EU	PO	VB	256	6148	2455	2
SEKGMOD1	NU	PO	U	0	6144	388	6
SEKGMOD2	NM	PO	U	0	6144	112	3
SEKGLNK1	EU	PO	U	0	6144	2	1
SEKGLUTB	NU	PO	FB	80	8800	1	1
SEKGCAS1	NU	PO	FB	80	8800	1	1
SEKGLANG	NM	PO	FB	125	3125	15	1
SEKGSMP1	NM	PO	FB	80	8800	349	7
SEKGPNL1	NM	PO	FB	80	8800	13	2
MACLIB	EU	PO	FB	80	8800	723	13
NVULIB	EU	PO	U	0	6144	29	6
SCNMLNK1	EU	PO	U	0	6144	2	1
SCNMLPA1	EU	PO	U	0	6144	7	2
SDSIMSG1	EU	PO	FB	80	8800	4	1
SDUIMSG1	EU	PO	FB	80	8800	5	1

Figure 37. Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
ABNJPNL1	EU	PO	FB	80	8800	2255	233
ABNJPNL2	EU	PO	FB	80	8800	46	5
ABNJSRC1	EU	PO	FB	80	8800	69	3
ACNMCLST	EU	PO	FB	80	8800	501	11
ACNMINST	EU	PO	FB	80	8800	50	2
ACNMLINK	EU	PO	U	0	6144	4598	537
ACNMPNL1	EU	PO	FB	80	8800	2300	112
ACNMSAMP	EU	PO	FB	80	8800	574	19
ADSIPARM	EU	PO	FB	80	8800	197	6
ADSIPRF	EU	PO	FB	80	8800	5	1
ADSIOPEN	EU	PO	FB	80	8800	6	1
AEGVPS21	EU	PO	VB	256	6148	2455	2
ADSIMSG1	EU	PO	FB	80	8800	4	1
ADUIMSG1	EU	PO	FB	80	8800	5	1
AEKGMOD1	NU	PO	U	0	6144	618	58
AEKGLUTB	NU	PO	FB	80	8800	1	1
AEKGCAS1	NU	PO	FB	80	8800	1	1
AEKGLANG	NM	PO	FB	125	3125	15	1
AEKGSMP1	NU	PO	FB	80	8800	349	7
AEKGPNL1	NU	PO	FB	80	8800	17	2
AMACLIB	EU	PO	FB	80	8800	723	13
ANVULIB	EU	PO	U	0	6144	29	6

### 6.3 Program Considerations

The following sections list the programming considerations for installing TME 10 NetView for OS/390 Version 1 Release 1 Procedural and activating its functions.

## 6.3.1 Programming Considerations

See 6.0, "Installation Requirements and Considerations for the Procedural Option" on page 39 for specific instructions.

## 6.3.2 System Considerations

There are no system considerations for TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option.

## 6.3.3 Special Considerations

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

### 6.3.3.1 NetView Installation and Administration Facility/2

- OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)
- Communications Manager/2 1.0 (or later) (20G1575)  
or  
Communications Server Version 4 (5765-652) and  
Personal Communications 3270 Version 4 Release 1 for OS/2 (PCOMM) (39H3929) with CSD2 applied.
- Database 2 OS/2 (DB2/2) (5622-044) (DB2/2 1.2 or higher is recommended)

### 6.3.3.2 Resource Object Data Manager (RODM)

- One of the following sets of runtime libraries:
  - PL/I 370 and C 370
    - OS PL/I Version 2.3 Library (5668-911)
    - C/370 Library Version 2 (5688-188)
  - LE/370 LE/370 Version 1 Release 5 (5688-198)
- One of the following is required:
  - MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or higher
  - MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher
- RODM Methods
  - TME 10 NetView for OS/390 Version 1 Release 1 RODM methods written in PL/I and C are compatible with LE/370 compiler and runtime libraries.

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

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API
  - AD/Cycle LE/370 Version 1 Release 5 (5688-198)

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

TME 10 NetView for OS/390 Version 1 Release 1 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 1.1 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher

### **6.3.3.5 MVS Sysplex Support - Enablement**

TME 10 NetView for OS/390 Version 1 Release 1 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 1.1 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher

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

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

### **6.3.3.7 Pipeline Automation**

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

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

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

### **6.3.3.9 NetView Support for 3174 ISDN**

- 3174 Configuration C Release 1

### **6.3.3.10 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)

### **6.3.3.11 Session Monitor Support of HPR and MNPS**

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

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

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

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

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085)
- Communications Manager/2 1.1.1 for local support
- Communications Manager/2 1.2 for cross network support

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

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

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

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

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

- ACF/NCP Version 6 (5688-231)

### **6.3.3.17 NetView Parallel Transmission Group Support**

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

### **6.3.3.18 NetView Network Asset Management**

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

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

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

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 4 VSE (5668-738) and

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

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

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

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

- PNA Version 1.11 (72F0-708)

#### **6.3.3.21 Active in Session**

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

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

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

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

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

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

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

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

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

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

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

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

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

#### **6.3.3.28 View Security**

- RACF 2.1 (5695-039) or later or its SAF equivalent  
or OS/390 Release 1 (5645-001) or later with RACF Version 2 Release 2



### 6.3.3.29 High Level Language (HLL) restriction

- If you are installing TME 10 NetView for OS/390 Version 1 Release 1 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 1 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 JPZ8203, but **not** FMIDs JPZ8201 or JPZ8202. 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.

### 6.3.3.30 Other Considerations

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

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

*Figure 38. APARs Required to Use RODM*

Product	APARs
PL/I V2R3	PL85812 PN06072 PN00307 PN16148 PN25681 PN18478
MVS	OY44197 OY50257 OY47498

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

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

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

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

If you intend to run TME 10 NetView for OS/390 Version 1 Release 1 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 1 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 TME 10 NetView for OS/390 Version 1 Release 1 (Japanese panels).

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

The TSCF V1 PTF for APAR OY44072 is required for TME 10 NetView for OS/390 Version 1 Release 1 to run with TSCF V1.

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

NetView 2.4 and 3.1 STATMON compatibility support

NetView V3R1 PTF UW30809

NetView V2R4 PTF UW30781

You are now aware of all of the installation requirements for TME 10 NetView for OS/390 Version 1 Release 1 Procedural Option. Proceed to 8.0, "Installation Instructions" on page 67 to begin your product installation.

## 7.0 Installation Requirements and Considerations for the Graphical Enterprise Option

The following sections identify the system requirements for installing and activating TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option. The information is categorized into two distinct system environments:

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

Figure 39 shows the Graphical Enterprise High Level Language options and their components.

*Figure 39. High Level Language Options for Graphical Enterprise*

High Level Language Ordering Option	Components	FMDs
Graphical Enterprise C/370	NetView Unattended Base	HPZ8200
	NetView Unattended PL/I	JPZ8201
	NetView Unattended C/370	JPZ8202
	NetView Unattended US English	JPZ8204
	NetView Unattended Methods	JPZ8206
	NetView Procedural Base	JPZ8220
	NetView Procedural US English	JPZ8224
	NetView Enterprise Base	JPZ8240
	NetView Enterprise US English	JPZ8244
	NetView Enterprise Methods	JPZ8246
Graphical Enterprise LE/370	NetView Unattended Base	HPZ8200
	NetView Unattended LE/370	JPZ8203
	NetView Unattended US English	JPZ8204
	NetView Unattended Methods	JPZ8206
	NetView Procedural Base	JPZ8220
	NetView Procedural US English	JPZ8224
	NetView Enterprise Base	JPZ8240
	NetView Enterprise US English	JPZ8244
		NetView Enterprise Methods

In this chapter, the number of blocks and directory blocks specified is the actual minimum storage required by TME 10 NetView for OS/390 Version 1 Release 1 after the program is installed and the data sets are compressed. When allocating these data sets, you may specify additional storage and directory blocks to allow for maintenance. Data sets can be reblocked to a larger size.

Abbreviations used for the data set type are:

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

**EM** Existing data set used by more than one program.

---

## 7.1 Driving System Requirements

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

### 7.1.1 Operating System Requirements

Use MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) operating system or higher to install TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option.

### 7.1.2 Machine Requirements

There are no special machine requirements for the driving system.

### 7.1.3 Programming Requirements

SMP/E R8 or later (5668-949) is required to install TME 10 NetView for OS/390 Version 1 Release 1 Unattended Option.

### 7.1.4 DASD Storage Requirements

Figure 40 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 40. Storage Requirements for SMPCSI Data Set for SMP/E for TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise*

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

The following tables provide the SMP/E space parameters and SMPWRK data set space required to install TME 10 NetView for OS/390 Version 1 Release 1.

*Figure 41. Storage Requirements for SMP/E System Entries*

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

Figure 42 on page 53 shows the total approximate space used by SMP temporary libraries as specified in the DSSPACE parameter in Figure 32 on page 40.

Figure 42. Approximate SMP/E Temporary Library Space

Disk Drive	Tracks
3390	1675

Figure 43. Storage Requirements for the SMP/E Work Data Sets

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

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

Figure 44. Storage Requirements for SMP/E Data Sets

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK SIZE	No. of BLKS Pri,Sec	No. of DIR BLKS
SMPMTS	EM	PO	FB	80	6160	40,10	25
SMPPTS	EM	PO	FB	80	6160	400,10	25
SMPLTS	EM	PO	U	0	6144	5000,100	50
SMPSCDS	EM	PO	FB	80	6160	40,10	25
SMPSTS	EM	PO	FB	80	6160	40,10	25

## 7.2 Target System Requirements

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

## 7.2.1 Operating System Requirements

TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise operates under the MVS/ESA operating system.

## 7.2.2 Machine Requirements

TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise runs in a virtual storage environment on any IBM system configuration with sufficient storage that supports MVS/ESA.

## 7.2.3 Programming Requirements

TME 10 NetView for OS/390 Version 1 Release 1 is executed as a subsystem in either of the following MVS/ESA environments:

- MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or higher
  - ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085) or later
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 Release 5 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher
  - ACF/VTAM Version 4 Release 3 for MVS/ESA (5685-085) or later
  - ACF/NCP Version 4 (5668-854) or later
  - TSO/E Version 2 Release 5 (5685-025) or later (for REXX interpreter)
  - SMP/E Release 8 (5668-949) or later

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

## 7.2.4 DASD Storage Requirements

The following figures list the target and distribution libraries (data sets) and their attributes required to install TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option. The installation samples allocate data sets large enough to install any language option of TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option. This estimate must be added to those of any other programs and services being installed to determine the total additional space requirements.

**Note:** TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise cannot be installed on 3350 DASD.

Figure 45. Storage Requirements for Target Libraries

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
BNJPNL1	EU	PO	FB	80	8800	2255	233
BNJPNL2	EU	PO	FB	80	8800	46	5
BNJSRC1	EU	PO	FB	80	8800	69	3
CNMCLST	EU	PO	FB	80	8800	502	11
CNMINST	EU	PO	FB	80	8800	51	2
CNMLINK	EU	PO	U	0	6144	5029	146
CNMPNL1	EU	PO	FB	80	8800	2299	112
CNMSAMP	EU	PO	FB	80	8800	1447	21
DSIPARM	EU	PO	FB	80	8800	241	6
DSIPRF	EU	PO	FB	80	8800	7	1
SDSIOPEN	EU	PO	FB	80	8800	6	1
SEGVPS21	EU	PO	VB	256	6148	6759	7
MACLIB	EU	PO	FB	80	8800	749	13
NVULIB	EU	PO	U	0	6144	29	6
SCNMLNK1	EU	PO	U	0	6144	2	1
SCNMLPA1	EU	PO	U	0	6144	7	2
SDSIMSG1	EU	PO	FB	80	8800	4	1
SDUIMSG1	EU	PO	FB	80	8800	5	1
SEKGMOD1	NU	PO	U	0	6144	395	6
SEKGMOD2	NM	PO	U	0	6144	565	17
SEKGLNK1	EU	PO	U	0	6144	2	1
SEKGLUTB	NU	PO	FB	80	8800	1	1
SEKGCAS1	NU	PO	FB	80	8800	1	1
SEKGLANG	NM	PO	FB	125	3125	15	1
SEKGSMP1	NM	PO	FB	80	8800	349	7
SEKGPNL1	NM	PO	FB	80	8800	17	2
SFLBDAT1	NM	PO	VB	1028	23648	16	2

Figure 46. Storage Requirements for Distribution Libraries

Data Set Name or Library Name	T Y P E	D S O R G	R E C F M	L R E C L	BLK Size	No. of BLKS	No. of DIR BLKS
ABNJPNL1	EU	PO	FB	80	8800	2255	233
ABNJPNL2	EU	PO	FB	80	8800	46	5
ABNJSRC1	EU	PO	FB	80	8800	69	3
ACNMCLST	EU	PO	FB	80	8800	504	11
ACNMINST	EU	PO	FB	80	8800	51	2
ACNMLINK	EU	PO	U	0	6144	6857	557
ACNMPNL1	EU	PO	FB	80	8800	2341	112
ACNMSAMP	EU	PO	FB	80	8800	1093	21
ADSIPARM	EU	PO	FB	80	8800	225	6
ADSIPRF	EU	PO	FB	80	8800	6	1
ADSIOPEN	EU	PO	FB	80	8800	6	1
AEGVPS21	EU	PO	VB	256	6148	5475	8
ADSIMSG1	EU	PO	FB	80	8800	4	1
ADUIMSG1	EU	PO	FB	80	8800	5	1
AMACLIB	EU	PO	FB	80	8800	749	13
ANVULIB	EU	PO	U	0	6144	29	6
AEKGMOD1	NU	PO	U	0	6144	932	79
AEKGLUTB	NU	PO	FB	80	8800	1	1
AEKGCAS1	NU	PO	FB	80	8800	1	1
AEKGLANG	NM	PO	FB	125	3125	15	1
AEKGSMP1	NU	PO	FB	80	8800	349	7
AEKGPNL1	NU	PO	FB	80	8800	17	2
AFLBDAT1	NU	PO	VB	1028	23648	16	2

### 7.3 Programmable Workstation Target System Requirements

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



### 7.3.1 Programmable Workstation Target Operating System Requirements

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

- Any hardware that runs the supported levels of IBM OS/2 2.1 (or later)
- 3.0MB of additional memory (combined client/server, with a 200 resource network and one view active)
- 15MB of additional fixed disk space
- Color display (VGA or higher)
- Mouse
- IBM PS/55 Micro Channel(R) architecture (MCA) system unit for Japanese (or when using Traditional Chinese or Korean OS/2)
- Communications Manager/2 1.0 (or later) for host and workstation communications and the following:
  - Any communication adapter that Communications Manager/2 supports
  - 3270 emulator communications (optional - for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by Communications Manager/2

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

- Any hardware that runs the supported levels of IBM OS/2 2.1 (or later)
- 2.0MB of additional memory
- 15MB of additional fixed disk space plus 2MB of additional disk space for each NetView domain to be installed using NIAF/2
- Optional: Online NIAF/2 supplied books require an additional 10 MB of fixed disk space
- Color display (VGA or higher)

- Mouse
- IBM PS/55 Micro Channel architecture (MCA) system unit for Japanese (or when using Traditional Chinese or Korean OS/2)
- Communications Manager/2 1.0 (or later) for host and workstation communications and the following:
  - Any communication adapter that Communications Manager/2 supports
  - 3270 emulator communications (optional - for supporting NetView 3270 interfaces on the workstation) -- Any 3270 emulator adapter supported by Communications Manager/2

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

---

## 7.4 Program Considerations

The following sections list the programming considerations for installing TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise and activating its functions.

### 7.4.1 Programming Considerations

See 7.0, "Installation Requirements and Considerations for the Graphical Enterprise Option" on page 51 for specific instructions.

### 7.4.2 System Considerations

There are no system considerations for TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option.

### 7.4.3 Special Considerations

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

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

- OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)
- Communications Manager/2 1.0 (or later) (20G1575)  
or  
Communications Server Version 4 (5765-652) and  
Personal Communications 3270 Version 4 Release 1 for OS/2 (PCOMM) (39H3929) with CSD2 applied.

- Database 2 OS/2 (DB2/2) (5622-044) (DB2/2 1.2 or higher is recommended)

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

- One of the following sets of runtime libraries:
  - PL/I 370 and C 370
    - OS PL/I Version 2.3 Library (5668-911)
    - C/370 Library Version 2 (5688-188)
  - LE/370 LE/370 Version 1 Release 5 (5688-198)
- One of the following is required:
  - MVS/ESA SP-JES2 Version 5 Release 1.1 (5655-068) or higher
  - MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher
- RODM Methods
  - TME 10 NetView for OS/390 Version 1 Release 1 RODM methods written in PL/I and C are compatible with LE/370 compiler and runtime libraries.

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

- Information/System Version 4 Release 2.2 (NetView Bridge Adapter) (5685-059)
- Information/Management Version 4 Release 2 (5685-060) or later
- Application Programming Interface (API) requirements as applicable:
  - OS PL/I Version 2.3 Library (5668-911) for PL/I API
  - C/370 Library Version 2 (5688-188) for C API
  - AD/Cycle LE/370 Version 1 Release 5 (5688-198)

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

- RODM requirements plus
- C/370 Library Version 2 (5688-188)  
or  
AD/Cycle LE/370 Version 1 Release 5 (5688-198)

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

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

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

- OS/2 as applicable
  - OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)
  - Communications Manager/2 1.0 (or later) (20G1575)  
or  
Communications Server Version 4 (5765-652) and  
Personal Communications 3270 Version 4 Release 1 for OS/2 (PCOMM) (39H3929) with CSD2 applied.
- For workstation customization - optional
  - IBM C SET/2

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

- NGMF requirements plus
- OS/2 as applicable, with Communications Manager/2
  - OS/2 3.0 (WARP) (83G8100, 83G8102, 83G8103, 83G8111, 83G8108, 83G8700, 83G8701, 83G8702, 83G8703, 83G8708, 83G8709, 83G8710, 83G8711, 83G8712)

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

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

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

- RODM requirements plus
- ACF/VTAM Version 4 Release 3 for MVS/ESA (5695-117) or later
- Generalized Trace Facility
- C/370 Library Version 2 (5688-188)  
or  
AD/Cycle LE/370 Version 1 Release 5 (5688-198)

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

- ACF/VTAM Version 4 Release 3 for MVS/ESA (5695-117) or later
- Generalized Trace Facility
- C/370 Library Version 2 (5688-188)  
or  
AD/Cycle LE/370 Version 1 Release 5 (5688-198)

- System Management Facility or an equivalent external logging facility

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

- The applicable file transfer program for the communication subsystem

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

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

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

TME 10 NetView for OS/390 Version 1 Release 1 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 1.1 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher

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

TME 10 NetView for OS/390 Version 1 Release 1 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 1.1 (5655-068) or higher
- MVS/ESA SP-JES3 Version 5 Release 1.1 (5655-069) or higher

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

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

#### **7.4.3.16 Pipeline Automation**

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

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

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

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

- 3174 Configuration C Release 1

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

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

#### **7.4.3.20 Session Monitor Support of HPR and MNPS**

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

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

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

#### **7.4.3.22 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

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

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

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

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

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

- ACF/NCP Version 6 (5688-231)

#### **7.4.3.26 NetView Parallel Transmission Group Support**

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

#### **7.4.3.27 NetView Network Asset Management**

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

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

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

- ACF/NCP Version 4 Release 3.1 (5668-854) for the 3725
- ACF/NCP Version 5 Release 4 VSE (5668-738) and

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

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

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

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

- PNA Version 1.11 (72F0-708)

#### **7.4.3.30 Active in Session**

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

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

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

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

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

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

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

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

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

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

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

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

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

#### **7.4.3.37 View Security**

- RACF 2.1 (5695-039) or later or its SAF equivalent  
or OS/390 Release 1 (5645-001) or later with RACF Version 2 Release 2

### 7.4.3.38 High Level Language (HLL) restriction

- If you are installing TME 10 NetView for OS/390 Version 1 Release 1 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 1 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 JPZ8203, but **not** FMIDs JPZ8201 or JPZ8202. 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.

### 7.4.3.39 Other Considerations

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

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

*Figure 47. APARs Required to Use RODM*

Product	APARs
PL/I V2R3	PL85812 PN06072 PN00307 PN16148 PN25681 PN18478
MVS	OY44197 OY50257 OY47498

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

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

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

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

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



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

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

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

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

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

**English APPNTAM** UW15415 and UW15417

**Japanese APPNTAM** UW15415 and UW15418

If you intend to run TME 10 NetView for OS/390 Version 1 Release 1 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 1 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 TSCF V1 PTF for APAR OY44072 is required for TME 10 NetView for OS/390 Version 1 Release 1 to run with TSCF V1.

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

NetView 2.4 and 3.1 STATMON compatibility support

NetView V3R1 PTF UW30809

NetView V2R4 PTF UW30781

You are now aware of all of the installation requirements for TME 10 NetView for OS/390 Version 1 Release 1 Graphical Enterprise Option. Proceed to 8.0, "Installation Instructions" on page 67 to begin your product installation.

---

## 8.0 Installation Instructions

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

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

TME 10 NetView for OS/390 Version 1 Release 1 can be installed into either new or existing SMP/E zones.

Beginning with V2R1, NetView no longer uses the LINKLIB, NPDALIB, NLDMLIB, and LPALIB target libraries or the distribution libraries ABNJMOD1, AOS27, and NLOADLIB (this was also true of NetView V1R3 in MVS/ESA, but not in MVS/XA). NetView now uses ACNMLINK as the distribution library for much of its code. SCNMLPA1 is now the target library for modules that formerly resided in LPALIB, SCNMLNK1 is now the target library for the status monitor performance improvement code and CNMLINK is now the target library used for the rest of the NetView modules, other than RODM modules. RODM modules reside in SEKGMOD1 and SEKGMOD2. It is important to understand that migration from a NetView release earlier than V2R1 (or V1R3 MVS/ESA) may not be a simple procedure. Where NetView modules exist in either LPALIB or LINKLIB and you have chosen to run with a previous release of NetView or NCCF while you test TME 10 NetView for OS/390 Version 1 Release 1, you must be aware of the results of adding CNMLINK to LNKLST and SCNMLPA1 to LPALST. IBM does not recommend using SCNMLPA1 in a STEPLIB concatenation with the NetView startup procedure.

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

Releases of NetView prior to Version 2 as well as the predecessor products NCCF and NPDA used LPALIB to contain code which can affect your migration testing strategy. IBM recommends that you add SCNMLPA1 to LPALST to ease migration. If you do this prior to finishing your testing and deleting the previous NetView or NCCF and NPDA which placed code in LPALIB, the code existing in SCNMLPA1 will not be found and executed. This is because LPALIB is searched prior to the data sets listed in LPALST. This is not a problem, because the code in SCNMLPA1 is downward compatible. At the earliest opportunity you should delete the previous release of NetView or NCCF and NPDA which will remove the old code from LPALIB.

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

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

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

1. SMP/E R8 or later is now the minimum level of SMP/E that you may use. With this level of SMP comes CALLLIBS support. This will allow you to link C370, PL/I and 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 1 and the use of SMP/E R8 or later 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 1 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 1 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 JPZ8203, but **not** FMIDs JPZ8201 or JPZ8202. What is different than with NetView V3R1 is that 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 JPZ8201 and if you are also using C370 you **must** apply JPZ8202. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 70 on page 164 and Figure 71 on page 166 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 65 on page 156 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 will inform you that you are re-applying an existing FMID.

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

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

The two basic choices for installing TME 10 NetView for OS/390 Version 1 Release 1 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 1 for users who will continue to use a prior version of NetView after TME 10 NetView for OS/390 Version 1 Release 1 has been installed. SMP jobs will load the necessary code into the appropriate libraries, then try to delete any prior releases of NetView. Since you are installing into a new CSI target zone, there is nothing to delete. SMP will continue by saying there was nothing deleted. There is no need to give any dummy library names for your prior NetView because SMP has no way to know that a previous release was ever installed.

When your testing is finished and you have migrated completely to TME 10 NetView for OS/390 Version 1 Release 1, you can run a delete job to remove the old NetView, MSM, and AON/ANO FMIDs from SMP. At that time you will have to provide SMP with access to the old LPALIB and LINKLIB libraries. For more information see 8.1.5.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed" on page 161. The *NetView Installation and Administration Guide* contains additional information on running more than one NetView in a single host.

2. You can install the NetView program within existing target and distribution zones. This is the recommended method for installing TME 10 NetView for OS/390 Version 1 Release 1 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 1 into the same zone, you must provide access to your prior libraries via DDDEFs or DD statements. SMP will remove all traces of your previous release of NetView, including the FMIDs. In addition, you have to provide access to your SYS1.LPALIB so SMP may remove the old LPALIB modules. If by chance there are some traces of prior releases that still exist in SMP even though the libraries have been deleted, SMP will know and you will have to allocate dummy libraries for SMP and then apply again. When the apply and accept are complete, you may delete the dummy libraries. Be careful not to delete your real SYS1.LPALIB and SYS1.LINKLIB libraries. For more information see 8.1.5.2, "APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed" on page 161.

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

The samples provided with TME 10 NetView for OS/390 Version 1 Release 1 must be customized to work in your system's environment. Where possible, the samples call attention to places where customization is necessary; however, it is possible that additional customization may be required. For example, job card information may need to be customized.

The SMP/E R8 or later dialogs can be used to install TME 10 NetView for OS/390 Version 1 Release 1.

---

## **8.1 Installing TME 10 NetView for OS/390 Version 1 Release 1**

The following is an overview of the step-by-step process used to install TME 10 NetView for OS/390 Version 1 Release 1, as documented in this program directory. The installation instructions follow the overview.

1. Unload the installation samples from the distribution tape.
2. Allocate TME 10 NetView for OS/390 Version 1 Release 1 target and distribution libraries.
3. Establish the correct SMP/E environment for TME 10 NetView for OS/390 Version 1 Release 1.
4. RECEIVE each TME 10 NetView for OS/390 Version 1 Release 1 FMID that you intend to use.
5. APPLY each TME 10 NetView for OS/390 Version 1 Release 1 FMID that you have received.
6. ACCEPT each TME 10 NetView for OS/390 Version 1 Release 1 FMID that you have applied.
7. Install the PTFs for CUM Maintenance.

### **8.1.1 Unload the Installation Samples from the Distribution Tape for TME 10 NetView for OS/390 Version 1 Release 1**

Sample jobs are provided to assist you in installing TME 10 NetView for OS/390 Version 1 Release 1. After the RECEIVE step has been completed, the sample jobs can be found in SMPTLIB: IBM.HPZ8200.F2. You can 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 1 or

CNMJUNLD (shown in Figure 48 on page 71) can be used to unload the TME 10 NetView for OS/390 Version 1 Release 1 installation samples from the distribution tape.

```

//CNMJUNLD JOB (ACCOUNTING,INFORMATION),'PROGRAMMER NAME',
//          MSGLEVEL=(1,1),MSGCLASS=A,CLASS=A
//*****
//* JCL TO UNLOAD INSTALLATION JCL FROM THE NETVIEW TAPE      */
//*****
//UNLOAD  EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//INTAPE  DD DSN=IBM.HPZ8200.F2,DISP=OLD,
//          UNIT=tape,
//          VOL=SER=PZ8200,LABEL=(3,SL)
//OUTDISK DD DSN=NETVIEW.V1R1M0.INSTALL,
//          UNIT=sysda,
//          DISP=(NEW,CATLG,DELETE),
//          VOL=SER=xxxxx,
//          DCB=(DSORG=PO,RECFM=FB,LRECL=80,BLKSIZE=8800),
//          SPACE=(8800,(100,10,25))
//SYSIN   DD *
//          COPY INDD=INTAPE,OUTDD=OUTDISK
//*
//

```

Figure 48. CNMJUNLD

Make the following changes to the sample shown in Figure 48:

- Specify a valid UNIT for the INTAPE DD. The value shown here (“tape”) will cause a JCL error.
- Specify a valid UNIT and VOLSER for the output data set called NETVIEW.V1R1M0.INSTALL in the example. The values shown here (“sysda” and “xxxxx”) will cause JCL errors.
- You may want to change the high-level qualifier of the output data set for the NetView installation samples. (In Figure 48, it’s “NETVIEW.”)

This job should complete with a condition code of 0.

### 8.1.2 Allocate TME 10 NetView for OS/390 Version 1 Release 1 Target and Distribution Libraries

Ensure that the TME 10 NetView for OS/390 Version 1 Release 1 target and distribution libraries have sufficient space. If you are installing an Unattended, refer to Figure 27 on page 31 and Figure 28 on page 32 for proper sizes. If you are installing a Procedural refer to Figure 36 on page 43 and Figure 37 on page 44 for proper sizes, and if you are installing a Graphical Enterprise refer to Figure 45 on page 55 and Figure 46 on page 56. To allow for maintenance, the space allocations in allocation samples are larger than the actual minimum space required, and are for an Graphical Enterprise. If you are installing a Unattended or a Procedural system you may want to adjust some of the datasets to conserve space.

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

If you are installing the NetView program for the first time, the allocation samples, found in NETVIEW.V1R1M0.INSTALL, can be used to create the target and distribution libraries which are used exclusively by TME 10 NetView for OS/390 Version 1 Release 1.

For systems that have a NetView installed, the allocation samples (CNMJALEU, CNMJALEP, and CNMJALEE) can be used as a basis for re-allocating any target or distribution libraries that need to be re-allocated.

Note that the allocation samples (CNMJALEU, CNMJALEP, and CNMJALEE) do not attempt to create target or distribution libraries which are used by other products (MACLIB and AMACLIB).

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

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

### **8.1.2.1 Storage Requirements for TME 10 NetView for OS/390 Version 1 Release 1 and Its Features**

**8.1.2.1.1 Unattended TME 10 NetView for OS/390 Version 1 Release 1:** For Unattended TME 10 NetView for OS/390 Version 1 Release 1 run CNMJALEU, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 1 libraries, before proceeding to 8.1.3, "Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 1" on page 108. CNMJALEU should end with a condition code of 0.



```

//CNMJALEU JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      ALL RIGHTS RESERVED.                      **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS    **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE: CNMJALEU                        **
//**
//**      FUNCTION:                                  **
//**      ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION **
//**      DATA SETS FOR THE TME 10 NETVIEW UNATTENDED **
//**      U.S. ENGLISH 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              **
//**
//**      EXPECTED COND CODE: 0000                  **
//**
//**      ACTIVITY:                                  **
//*****

```

Figure 49 (Part 1 of 10). CNMJALEU

```

//*****
//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
//** TARGET LIBRARIES FOR TME 10 NETVIEW (U.S. ENGLISH UNATT.)**
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(700,,20),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(4000,,200),,,ROUND),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//CNMINST DD DSN=&HLQ..&SLQ.CNMINST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(60,,15)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMPNL1 DD DSN=&HLQ..&SLQ.CNMPNL1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(30,,5),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 49 (Part 2 of 10). CNMJALEU

```

//CNMSAMP DD DSN=&HLQ..&SLQ.CNMSAMP,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(800,,30),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPARM DD DSN=&HLQ..&SLQ.DSIPARM,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(120,,10),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//DSIPRF DD DSN=&HLQ..&SLQ.DSIPRF,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(10,,4),,,ROUND),
// 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),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(60,,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)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 49 (Part 3 of 10). CNMJALEU

```

//BNJPNL2    DD DSN=&HLQ..&SLQ.BNJPNL2,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(25,,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SDSIMSG1   DD DSN=&HLQ..&SLQ.SDSIMSG1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(80,,5)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//SEGVPS21   DD DSN=&HLQ..&SLQ.SEGVPS21,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(6148,(3600,,10)),
//           DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//           DISP=(NEW,CATLG)
//BNJSRC1    DD DSN=&HLQ..&SLQ.BNJSRC1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(100,,10)),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)
//BNJPNL1    DD DSN=&HLQ..&SLQ.BNJPNL1,
//           UNIT=&TUNIT,
//           VOL=SER=&TVOLID,
//           SPACE=(8800,(100,,5),,,ROUND),
//           DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//           DISP=(NEW,CATLG)

```

Figure 49 (Part 4 of 10). CNMJALEU

```

//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(4,,1)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(600,,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,,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,,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)

```

Figure 49 (Part 5 of 10). CNMJALEU

```

//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,,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,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGPL1 DD DSN=&HLQ..&SLQ.SEKGPL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//*****
//* DISTRIBUTION LIBRARIES FOR NETVIEW (U.S. ENGLISH UNATT.)*
//*****
//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)

```

Figure 49 (Part 6 of 10). CNMJALEU

```

//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(8000,,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(60,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(30,,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,,30)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(120,,10),,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 49 (Part 7 of 10). CNMJALEU

```

//ADSIPRF DD DSN=&HLQ..&SLQ.ADSIPRF,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(10,,4),,,ROUND),
// 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),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ANVULIB DD DSN=&HLQ..&SLQ.ANVULIB,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(60,,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)),
// 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)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 49 (Part 8 of 10). CNMJALEU



```

//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(3600,,10)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(80,,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJSRC1 DD DSN=&HLQ..&SLQ.ABNJSRC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL1 DD DSN=&HLQ..&SLQ.ABNJPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,,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,,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMP1 DD DSN=&HLQ..&SLQ.AEKGSMP1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(600,,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 49 (Part 9 of 10). CNMJALEU

```

//AEKGLANG DD DSN=&HLQ..&SLQ.AEKGLANG,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(3125,(25,,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(6,,3)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGPNL1 DD DSN=&HLQ..&SLQ.AEKGPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r1m0.',        <==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 49 (Part 10 of 10). CNMJALEU

**8.1.2.1.2 Procedural TME 10 NetView for OS/390 Version 1 Release 1:** For Procedural TME 10 NetView for OS/390 Version 1 Release 1 run CNMJALEP, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 1 libraries, before proceeding to 8.1.3, “Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 1” on page 108. CNMJALEP should end with a condition code of 0.

```

//CNMJALEP JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      ALL RIGHTS RESERVED.                      **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS    **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE: CNMJALEP                        **
//**
//**      FUNCTION:                                  **
//**      ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION **
//**      DATA SETS FOR THE TME 10 NETVIEW PROCEDURAL U.S. **
//**      ENGLISH 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              **
//**
//**      EXPECTED COND CODE: 0000                  **
//**
//**      ACTIVITY:                                   **
//*****
//*****

```

Figure 50 (Part 1 of 11). CNMJALEP

```

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

```

Figure 50 (Part 2 of 11). CNMJALEP

```

//CNMINST   DD DSN=&HLQ..&SLQ.CNMINST,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(60,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//CNMPNL1   DD DSN=&HLQ..&SLQ.CNMPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,,200),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//CNMSAMP   DD DSN=&HLQ..&SLQ.CNMSAMP,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3000,,50),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPARM   DD DSN=&HLQ..&SLQ.DSIPARM,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(700,,35),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPRF    DD DSN=&HLQ..&SLQ.DSIPRF,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,,6),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 3 of 11). CNMJALEP

```

//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,,5),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//NVULIB DD DSN=&HLQ..&SLQ.NVULIB,
//         UNIT=&TUNIT,
//         VOL=SER=&TVOLID,
//         SPACE=(6144,(50,,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)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//BNJPNL2 DD DSN=&HLQ..&SLQ.BNJPNL2,
//         UNIT=&TUNIT,
//         VOL=SER=&TVOLID,
//         SPACE=(8800,(100,,10)),
//         DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//         DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(25,,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 4 of 11). CNMJALEP

```

//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(3000,,10)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//BNJSRC1  DD DSN=&HLQ..&SLQ.BNJSRC1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(100,,20)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//BNJPNL1  DD DSN=&HLQ..&SLQ.BNJPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3000,,300),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(4,,1)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(600,,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 5 of 11). CNMJALEP



```

//SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(150,,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,,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,,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,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 6 of 11). CNMJALEP

```

//SEKGPNL1 DD DSN=&HLQ..&SLQ.SEKGPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//*****
//* DISTRIBUTION LIBRARIES FOR NETVIEW (U.S. ENG PROCEDURAL)**
//*****
//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,,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(60,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 7 of 11). CNMJALEP

```

//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,,200)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3000,,50),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,,35),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPRF  DD DSN=&HLQ..&SLQ.ADSIPRF,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,,6),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(15,,5),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 8 of 11). CNMJALEP

```

//ANVULIB DD DSN=&HLQ..&SLQ.ANVULIB,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(50,,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)),
// 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)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6148,(3600,,10)),
// DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
// DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(25,,5)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 50 (Part 9 of 11). CNMJALEP

```

//ABNJSRC1 DD DSN=&HLQ..&SLQ.ABNJSRC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL1 DD DSN=&HLQ..&SLQ.ABNJPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3000,,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1000,,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,,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,,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)

```

Figure 50 (Part 10 of 11). CNMJALEP

```

//AEKGLUTB DD DSN=&HLQ..&SLQ.AEKGLUTB,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,,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,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGPL1 DD DSN=&HLQ..&SLQ.AEKGPL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r1m0.',        <==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 50 (Part 11 of 11). CNMJALEP

**8.1.2.1.3 Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 1:** For Graphical Enterprise TME 10 NetView for OS/390 Version 1 Release 1 run CNMJALEP, if you are allocating new TME 10 NetView for OS/390 Version 1 Release 1 libraries, before proceeding to 8.1.3, “Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 1” on page 108. CNMJALEE should end with a condition code of 0.

```

//CNMJALEE JOB 'ACCOUNTING INFORMATION','ALLOC TARG/DIST LIBS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      ALL RIGHTS RESERVED.                      **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS    **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE: CNMJALEE                        **
//**
//**      FUNCTION:                                  **
//**      ALLOCATE THE NETVIEW TARGET AND DISTRIBUTION **
//**      DATA SETS FOR TME 10 NETVIEW GRAPHICAL ENTERPRISE **
//**      U.S. ENGLISH 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              **
//**
//**      EXPECTED COND CODE: 0000                    **
//**
//**      ACTIVITY:                                    **
//*****
//*****

```

Figure 51 (Part 1 of 12). CNMJALEE



```

//CNMALLOC PROC HLQ=,SLQ=,TUNIT=,DUNIT=,TVOLID=,DVOLID=
//ALLOC1 EXEC PGM=IEFBR14
//*****
//** TARGET LIBRARIES FOR TME 10 NETVIEW (U.S. ENG ENTERPRISE) **
//*****
//CNMCLST DD DSN=&HLQ..&SLQ.CNMCLST,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(8800,(800,,60),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//CNMLINK DD DSN=&HLQ..&SLQ.CNMLINK,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(8000,,200),,,ROUND),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLNK1 DD DSN=&HLQ..&SLQ.SCNMLNK1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(10,,2)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)
//SCNMLPA1 DD DSN=&HLQ..&SLQ.SCNMLPA1,
// UNIT=&TUNIT,
// VOL=SER=&TVOLID,
// SPACE=(6144,(15,,4)),
// DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
// DISP=(NEW,CATLG)

```

Figure 51 (Part 2 of 12). CNMJALEE

```

//CNMINST   DD DSN=&HLQ..&SLQ.CNMINST,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(60,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//CNMPNL1   DD DSN=&HLQ..&SLQ.CNMPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,,200),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//CNMSAMP   DD DSN=&HLQ..&SLQ.CNMSAMP,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4000,,80),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPARM   DD DSN=&HLQ..&SLQ.DSIPARM,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(700,,35),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//DSIPRF    DD DSN=&HLQ..&SLQ.DSIPRF,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,,6),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 3 of 12). CNMJALEE

```

//SDSIOPEN DD DSN=&HLQ..&SLQ.SDSIOPEN,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(15,,5),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//NVULIB   DD DSN=&HLQ..&SLQ.NVULIB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(50,,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)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//BNJPNL2  DD DSN=&HLQ..&SLQ.BNJPNL2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(120,,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SDSIMSG1 DD DSN=&HLQ..&SLQ.SDSIMSG1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(25,,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 4 of 12). CNMJALEE

```

//SEGVPS21 DD DSN=&HLQ..&SLQ.SEGVPS21,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6148,(8000,,20)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//BNJSRC1  DD DSN=&HLQ..&SLQ.BNJSRC1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(100,,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//BNJPNL1  DD DSN=&HLQ..&SLQ.BNJPNL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(3200,,300),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGLNK1 DD DSN=&HLQ..&SLQ.SEKGLNK1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(4,,1)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//SEKGMOD1 DD DSN=&HLQ..&SLQ.SEKGMOD1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(600,,10)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 5 of 12). CNMJALEE

```

//SEKGMOD2 DD DSN=&HLQ..&SLQ.SEKGMOD2,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(6144,(1500,,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,,15)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGLANG DD DSN=&HLQ..&SLQ.SEKGLANG,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(3125,(25,,4)),
//          DCB=(LRECL=125,RECFM=FB,BLKSIZE=3125),
//          DISP=(NEW,CATLG)
//SEKGLUTB DD DSN=&HLQ..&SLQ.SEKGLUTB,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 6 of 12). CNMJALEE

```

//SEKGCAS1 DD DSN=&HLQ..&SLQ.SEKGCAS1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(4,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SEKGPL1 DD DSN=&HLQ..&SLQ.SEKGPL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//SFLBDAT1 DD DSN=&HLQ..&SLQ.SFLBDAT1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(23648,(40,,6)),
//          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23648),
//          DISP=(NEW,CATLG)
//*****
//* DISTRIBUTION LIBRARIES FOR NETVIEW (U.S. ENG ENTERPRISE)**
//*****
//ACNMCLST DD DSN=&HLQ..&SLQ.ACNMCLST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(800,,60),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 7 of 12). CNMJALEE

```

//ACNMLINK DD DSN=&HLQ..&SLQ.ACNMLINK,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(12000,,750)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//ACNMINST DD DSN=&HLQ..&SLQ.ACNMINST,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(60,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMPNL1 DD DSN=&HLQ..&SLQ.ACNMPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3500,,515)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ACNMSAMP DD DSN=&HLQ..&SLQ.ACNMSAMP,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4000,,80),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ADSIPARM DD DSN=&HLQ..&SLQ.ADSIPARM,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(700,,35),,,ROUND),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 8 of 12). CNMJALEE

```

//ADSIPRF DD DSN=&HLQ..&SLQ.ADSIPRF,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,,6),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ADSIOPEN DD DSN=&HLQ..&SLQ.ADSIOPEN,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(8800,(15,,5),,,ROUND),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)
//ANVULIB DD DSN=&HLQ..&SLQ.ANVULIB,
// UNIT=&DUNIT,
// VOL=SER=&DVOLID,
// SPACE=(6144,(50,,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)),
// DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
// DISP=(NEW,CATLG)

```

Figure 51 (Part 9 of 12). CNMJALEE



```

//ABNJPNL2 DD DSN=&HLQ..&SLQ.ABNJPNL2,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(120,,10)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEGVPS21 DD DSN=&HLQ..&SLQ.AEGVPS21,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6148,(9000,,20)),
//          DCB=(LRECL=256,RECFM=VB,BLKSIZE=6148),
//          DISP=(NEW,CATLG)
//ADSIMSG1 DD DSN=&HLQ..&SLQ.ADSIMSG1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(25,,5)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJSRC1 DD DSN=&HLQ..&SLQ.ABNJSRC1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(100,,6)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//ABNJPNL1 DD DSN=&HLQ..&SLQ.ABNJPNL1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(3200,,300)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 10 of 12). CNMJALEE

```

//AEKGMOD1 DD DSN=&HLQ..&SLQ.AEKGMOD1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(6144,(1600,,100)),
//          DCB=(LRECL=0,RECFM=U,BLKSIZE=6144),
//          DISP=(NEW,CATLG)
//AEKGSMPI DD DSN=&HLQ..&SLQ.AEKGSMPI,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(600,,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,,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,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)

```

Figure 51 (Part 11 of 12). CNMJALEE

```

//AEKGCAS1 DD DSN=&HLQ..&SLQ.AEKGCAS1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(8800,(4,,2)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AEKGPL1 DD DSN=&HLQ..&SLQ.AEKGPL1,
//          UNIT=&TUNIT,
//          VOL=SER=&TVOLID,
//          SPACE=(8800,(30,,4)),
//          DCB=(LRECL=80,RECFM=FB,BLKSIZE=8800),
//          DISP=(NEW,CATLG)
//AFLBDAT1 DD DSN=&HLQ..&SLQ.AFLBDAT1,
//          UNIT=&DUNIT,
//          VOL=SER=&DVOLID,
//          SPACE=(23648,(40,,6)),
//          DCB=(LRECL=1028,RECFM=VB,BLKSIZE=23648),
//          DISP=(NEW,CATLG)
//          PEND
//ALLOCATE EXEC CNMALLOC,
//          HLQ=netview,           <==1 DATA SET HIGH LEVEL
//          SLQ='v1r1m0.',        <==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 51 (Part 12 of 12). CNMJALEE

### **8.1.3 Establish the Correct SMP/E Environment for TME 10 NetView for OS/390 Version 1 Release 1**

#### **NLS note**

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

#### **8.1.3.1 Allocating New SMP/E Data Sets for TME 10 NetView for OS/390 Version 1 Release 1**

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.V1R1M0.INSTALL for that purpose. It is important that the data set names match between sample job CNMJSMPA, the sample SMP/E PROC, CNMJSMPA, and sample job CNMJZDEF. Both CNMJSMPA and CNMJSMPA are written to allow for a customer supplied second level to the data set names but neither requires it. If you choose to add a second level qualifier you should code it in the SMPSLQ parameter using quotes and containing the trailing period (e.g. SMPSLQ='USER.').

```

//CNMJSMPA JOB 'ACCOUNTING INFORMATION','SMP/E DATA SETS',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      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 52 (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)
//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,(40,10,25)),
// 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 52 (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 52 (Part 3 of 3). CNMJSMIPA

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

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.V1R1M0.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 53 on page 112, Figure 54 on page 114, and Figure 55 on page 117 show samples CNMJGCSI, CNMJCSIS and CNMJZDEF respectively. Figure 56 on page 120 shows sample CNMJCSIA.

```

//CNMJGCSI JOB 'ACCOUNTING INFORMATION','DEFINE GLOBAL CSI',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      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 53 (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 53 (Part 2 of 2). CNMJGCSI

```

//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 IBM CORP. 1986, 1997.      **
//**      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                  **
//**

```

Figure 54 (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=IDCAMS
//CSIVOL DD UNIT=disk,          <==1 DASD UNIT TYPE
//      VOL=SER=dddddd,        <==2 VOLUME NAME
//      DISP=SHR
//SYSPRINT DD SYSOUT=A
//SYSIN DD *
DELETE netview.tgt1.CSI          /* <==3,4 */
DELETE netview.dlib1.CSI        /* <==3,4 */

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

```

Figure 54 (Part 2 of 3). CNMJCSIS

```

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

```

Figure 54 (Part 3 of 3). CNMJCSIS

```

//CNMJZDEF JOB 'ACCOUNTING INFORMATION','SMP/E ZONE DEFINE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      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 55 (Part 1 of 3). CNMJZDEF

```

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

```

Figure 55 (Part 2 of 3). CNMJZDEF

```

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

```

Figure 55 (Part 3 of 3). CNMJZDEF

```

//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 IBM CORP. 1986, 1997.      **
//**      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 SMPMLIBS         **
//**          (RELFILES)                              **
//**      7. THE NAME OF THE OPTIONS ENTRY USED     **
//**

```

Figure 56 (Part 1 of 6). 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 56 (Part 2 of 6). 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)

```

/\*

Figure 56 (Part 3 of 6). CNMJCSIA

```

//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)
/*
//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 *

```

Figure 56 (Part 4 of 6). CNMJCSIA

```

SET BOUNDARY(GLOBAL)
.
UCLIN
.
  ADD GLOBALZONE
    SREL(Z038)
    OPTIONS(defopt)          /* <==7 OPTIONS ENTRY NAME */
    ZONEINDEX((tgt1,netview.tgt1.CSI,TARGET), /* <==5,3 */
              (dlib1,netview.dlib1.CSI,DLIB)) /* <==5,3 */
.
  ADD OPTIONS(defopt)        /* <==7 OPTIONS ENTRY NAME */
    DSSPACE(300,500,900)
    DSPREFIX(netview)        /* <==6 PREFIX FOR SMPTLIBS */
    NOPURGE
    NOREJECT
    SAVEMTS
    SAVESTS
    NUCID(1)
    PAGELEN(60)
    PEMAX(9999)
    RETRYDDN(ALL)
.
ENDUCL
.
SET BOUNDARY(tgt1)          /* <==5 */
.
UCLIN
.
  ADD TARGETZONE(tgt1)      /* <==5 */
    OPTIONS(defopt)         /* <==7 OPTIONS ENTRY NAME */
    SREL(Z038)
    RELATED(dlib1)          /* <==5 */
.
ENDUCL
.

```

Figure 56 (Part 5 of 6). CNMJCSIA

```

SET BOUNDARY(d1ib1)                                /* <==5 */
.
UCLIN
.
  ADD DLIBZONE(d1ib1)                               /* <==5 */
    OPTIONS(defopt)                                /* <==7 OPTIONS ENTRY NAME */
    SREL(Z038)
    RELATED(tgt1)                                  /* <==5 */
.
ENDUCL
.
SET BOUNDARY(GLOBAL)
.
LIST
  ALLZONES
.
/*
//

```

Figure 56 (Part 6 of 6). CNMJCSIA

### 8.1.3.3 SMP/E R8 or later Access to TME 10 NetView for OS/390 Version 1 Release 1 Data Sets

The sample SMP/E procedure CNMJSMPE, found in NETVIEW.V1R1M0.INSTALL, may be used to install TME 10 NetView for OS/390 Version 1 Release 1 if your installation does not have a standardized SMP/E cataloged procedure.

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

1. Update the high level qualifier for the libraries MACLIB and AMACLIB in CNMJDDDF to use existing libraries. Because SMP/E CALLLIBS support does not support dataset definition via DD's which are placed into the SMP/E proc, the CNMJDDDC sample is no longer supported. CALLLIBS support is required so that the post-apply linkedit can be eliminated.
2. Create MACLIB and AMACLIB libraries with the same high level qualifier that you used for the libraries used exclusively by TME 10 NetView for OS/390 Version 1 Release 1.

To establish the correct SMP/E access to TME 10 NetView for OS/390 Version 1 Release 1 data sets, complete the following steps:

1. If you use CNMJSMPE as your SMP/E procedure for this installation, save CNMJSMPE and copy it to one of your system procedure libraries. Figure 57 on page 127 shows the sample CNMJSMPE.
2. Add the DDDEFs for TME 10 NetView for OS/390 Version 1 Release 1 target libraries and distribution libraries (for RESTORE processing) to the target zone into which TME 10 NetView for OS/390 Version

1 Release 1 will be APPLyEd. Also add the DDDEFs for TME 10 NetView for OS/390 Version 1 Release 1 distribution libraries to the distribution zone into which TME 10 NetView for OS/390 Version 1 Release 1 will be ACCEPTed. CNMJDDDF, found in NETVIEW.V1R1M0.INSTALL, can be used to add the DDDEFs for TME 10 NetView for OS/390 Version 1 Release 1 to your target and distribution zones.

Run CNMJDDDF before proceeding.

**Note 1** Adding DDDEFs for TME 10 NetView for OS/390 Version 1 Release 1 libraries by adding DD to your SMP/E PROC for batch processing or your TSO LOGON PROC for SMP/E access through ISPF panels is no longer supported in NetView Version 3. This is because the CALLLIBS support in SMP/E which facilitates the elimination of post-apply linkedits does not support it.

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

3. Ensure that the SMP/E space requirements outlined in Figure 23 on page 28 and Figure 26 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 1. If you choose to use samples CNMJSMPE and CNMJCSI to create your SMP/E environment, or CNMJCSIA, these requirements are met and you may continue to 8.1.4, "RECEIVE TME 10 NetView for OS/390 Version 1 Release 1" on page 146. If you are not using CNMJSMPE and CNMJCSI to create your SMP/E environment, read the following items.

- Storage requirements for SMPCSI data sets are found in Figure 22 on page 28.
- CNMJUCLN, found in NETVIEW.V1R1M0.INSTALL, can be used to set the DSSPACE and PEMAX to the values shown in Figure 23 on page 28. CNMJUCLN should only be used if the values in your current OPTIONS entry are less than the values shown in Figure 23 on page 28.
- Run CNMJUCLN, if necessary, before proceeding to 8.1.4, "RECEIVE TME 10 NetView for OS/390 Version 1 Release 1" on page 146. CNMJUCLN should end with a condition code of 0. Figure 59 on page 145 contains sample CNMJUCLN.

Figure 57 on page 127 shows sample CNMJSMPE.

```

//CNMJSMP PROC SMPHLQ=netview, SMP/E HIGH LEVEL
//      SMP SLQ=      SMP/E SECOND LVL (include ".")
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82      **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      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:      **
//*****

```

Figure 57 (Part 1 of 2). CNMJSMP

```

//*****
//SMP EXEC PGM=GIMSMP,PARM='DATE=U',REGION=5M
//SYSUT1 DD UNIT=SYSDA,SPACE=(1700,(900,200))
//SYSUT2 DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SYSUT3 DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SYSUT4 DD UNIT=SYSDA,SPACE=(1700,(600,100))
//SMPWRK1 DD UNIT=SYSDA,SPACE=(6160,(100,100,5)),
// DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK2 DD UNIT=SYSDA,SPACE=(6160,(200,100,5)),
// DCB=(BLKSIZE=6160,LRECL=80)
//SMPWRK3 DD UNIT=SYSDA,SPACE=(3200,(400,200,5)),
// DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK4 DD UNIT=SYSDA,SPACE=(3200,(400,200,5)),
// DCB=(BLKSIZE=3200,LRECL=80)
//SMPWRK6 DD UNIT=SYSDA,SPACE=(3200,(400,200,5))
//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 57 (Part 2 of 2). CNMJSMPE



Figure 58 on page 130 shows sample CNMJDDDF.

```

//CNMJDDDF JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                     **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.        **
//**      ALL RIGHTS RESERVED.                        **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS      **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE:  CNMJDDDF                        **
//**
//**      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. YOUR SMP/E PROC                          **
//**      2. YOUR SMP/E TARGET ZONE                    **
//**      3. YOUR SMP/E DLIB ZONE                      **
//**      4. YOU MUST CHANGE netview.v1r1m0 TO BE THE **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE **
//**      FOR TME 10 NETVIEW.  NETVIEW.V1R1M0 IS **
//**      THE DEFAULT SHIPPED BY TME 10 NETVIEW.     **
//**      5. YOU MUST CHANGE pli.v2r3m0 TO BE THE **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE **
//**      FOR PL/I.                                    **
//**      6. YOU MUST CHANGE c370.v2r1m0 TO BE THE **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE **
//**      FOR C/370.                                   **
//**      7. YOU MUST CHANGE cee.v1r5m0 TO BE THE **
//**      SAME AS THE HIGH LEVEL QUALIFIER YOU USE **
//**      FOR LE/370.                                  **

```

Figure 58 (Part 1 of 15). CNMJDDDF

```

/**      8. YOU MUST CHANGE sys1 TO BE THE SAME AS THE      **
/**      HIGH LEVEL QUALIFIER YOU USE FOR CSSLIB OR          **
/**      MACLIB.                                             **
/**      YOU MUST DECIDE WHICH STEPS YOU NEED TO RUN AND   **
/**      WHICH YOU SHOULD DELETE. THERE ARE 8 SPECIFIC     **
/**      STEPS:                                             **
/**      DDDEF1 (UNATTENDED, PROCEDURAL, ENTERPRISE)      **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR UNATTENDED NETVIEW. (FMID HPZ8200)           **
/**      DDDEF1A (ANY NETVIEW'S NEEDING PL/I)              **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR PL/I COMPONENTS (FMID JPZ8201)                **
/**      DDDEF1B (ANY NETVIEW'S NEEDING C/370)             **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR C/370 COMPONENTS (FMID JPZ8202)              **
/**      DDDEF1C (ANY NETVIEW'S NEEDING LE/370)           **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR LE/370 COMPONENTS (FMID JPZ8203)             **
/**      DDDEF1D (METHODS USING PL/I)                      **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR USING RODM ONLY                               **
/**      (FMIDs JPZ8206 AND JPZ8246)                       **
/**      DDDEF1E (METHODS USING C/370)                     **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR USING RODM, GMFHS, AND SNATM                  **
/**      (FMIDs JPZ8206 AND JPZ8246)                       **
/**      DDDEF1F (METHODS USING LE/370)                   **
/**      THIS STEP WILL DEFINE THE DATA SETS NEEDED      **
/**      FOR USING RODM, GMFHS, AND SNATM WITH LE/370    **
/**      (FMIDs JPZ8206 AND JPZ8246)                       **
/**      DDDEF2A (UNATTENDED, PROCEDURAL, ENTERPRISE)     **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS  **
/**      NEEDED FOR NETVIEW ENGLISH LANGUAGE              **
/**      (FMIDs JPZ8204, JPZ8224, JPZ8244)                **
/**      DDDEF2B (UNATTENDED, PROCEDURAL, ENTERPRISE)     **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS  **
/**      NEEDED FOR NETVIEW JAPANESE                      **
/**      (FMIDs JPZ8205, JPZ8225, JPZ8245)                **
/**      DDDEF4 (ENTERPRISE ONLY)                          **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS  **
/**      NEEDED FOR ENTERPRISE NETVIEW (FMID JPZ8240)     **
/**      DDDEF5 (UNATTENDED, PROCEDURAL, ENTERPRISE)     **
/**      THIS STEP WILL DEFINE THE ADDITIONAL DATA SETS  **
/**      NEEDED FOR SMP/E INSTALLATION.                    **
/**

```

Figure 58 (Part 2 of 15). CNMJDDDF

```

/**      EXPECTED COND CODE: 0000 (IF DDDEFS DO NOT ALREADY    **
/**                                          EXIST)                **
/**                                          **
/**      ACTIVITY:                                           **
/*******
/*******
/***
//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.v1r1m0.BNJPNL2 ) SHR.
  ADD DDDEF(CNMCLST )
    DA(netview.v1r1m0.CNMCLST ) SHR.
  ADD DDDEF(CNMINST )
    DA(netview.v1r1m0.CNMINST ) SHR.
  ADD DDDEF(CNMLINK )
    DA(netview.v1r1m0.CNMLINK ) SHR.
  ADD DDDEF(CNMPNL1 )
    DA(netview.v1r1m0.CNMPNL1 ) SHR.
  ADD DDDEF(CNMSAMP )
    DA(netview.v1r1m0.CNMSAMP ) SHR.
  ADD DDDEF(CSSLIB)
    DA(sys1.CSSLIB) SHR.
  ADD DDDEF(DSIPARM )
    DA(netview.v1r1m0.DSIPARM ) SHR.
  ADD DDDEF(DSIPRF )
    DA(netview.v1r1m0.DSIPRF ) SHR.
  ADD DDDEF(MACLIB )
    DA(sys1.MACLIB ) SHR.

```

Figure 58 (Part 3 of 15). CNMJDDDF

```

ADD DDDEF(NVULIB )
  DA(netview.v1r1m0.NVULIB ) SHR.
ADD DDDEF(SDSIMSG1)
  DA(netview.v1r1m0.SDSIMSG1) SHR.
ADD DDDEF(SDUIMSG1)
  DA(netview.v1r1m0.SDUIMSG1) SHR.
ADD DDDEF(SDSIOPEN)
  DA(netview.v1r1m0.SDSIOPEN) SHR.
ADD DDDEF(SCNMLNK1)
  DA(netview.v1r1m0.SCNMLNK1) SHR.
ADD DDDEF(SCNMLPA1)
  DA(netview.v1r1m0.SCNMLPA1) SHR.
ADD DDDEF(SEGVPS21)
  DA(netview.v1r1m0.SEGVPS21) SHR.
ADD DDDEF(SEKGCAS1)
  DA(netview.v1r1m0.SEKGCAS1) SHR.
ADD DDDEF(SEKGLANG)
  DA(netview.v1r1m0.SEKGLANG) SHR.
ADD DDDEF(SEKGLNK1)
  DA(netview.v1r1m0.SEKGLNK1) SHR.
ADD DDDEF(SEKGLUTB)
  DA(netview.v1r1m0.SEKGLUTB) SHR.
ADD DDDEF(SEKGMOD1)
  DA(netview.v1r1m0.SEKGMOD1) SHR.
ADD DDDEF(SEKGMOD2)
  DA(netview.v1r1m0.SEKGMOD2) SHR.
ADD DDDEF(SEKGSMP1)
  DA(netview.v1r1m0.SEKGSMP1) SHR.
ADD DDDEF(ABNJPNL2)
  DA(netview.v1r1m0.ABNJPNL2) SHR.
ADD DDDEF(ACNMCLST)
  DA(netview.v1r1m0.ACNMCLST) SHR.

```

Figure 58 (Part 4 of 15). CNMJDDDF

```

ADD DDDEF(ACNMINST)
  DA(netview.v1r1m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
  DA(netview.v1r1m0.ACNMLINK) SHR.
ADD DDDEF(ADSIMSG1)
  DA(netview.v1r1m0.ADSIMSG1) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v1r1m0.ADUIMSG1) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v1r1m0.ADSIOPEN) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v1r1m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v1r1m0.ADSIPRF ) SHR.
ADD DDDEF(ACNMPNL1)
  DA(netview.v1r1m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v1r1m0.ACNMSAMP) SHR.
ADD DDDEF(AEGVPS21)
  DA(netview.v1r1m0.AEGVPS21) SHR.
ADD DDDEF(AEKGCS1)
  DA(netview.v1r1m0.AEKGCS1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v1r1m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v1r1m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v1r1m0.AEKGMOD1) SHR.
ADD DDDEF(AEKGSMP1)
  DA(netview.v1r1m0.AEKGSMP1) SHR.
ADD DDDEF(AMACLIB )
  DA(sys1.AMACLIB ) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v1r1m0.ANVULIB ) SHR.
ENDUCL.

```

Figure 58 (Part 5 of 15). CNMJDDDF

```

SET BDY(dlib1)                /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(ABNJPNL2)
  DA(netview.v1r1m0.ABNJPNL2) SHR.
ADD DDDEF(ACNMCLST)
  DA(netview.v1r1m0.ACNMCLST) SHR.
ADD DDDEF(ACNMINST)
  DA(netview.v1r1m0.ACNMINST) SHR.
ADD DDDEF(ACNMLINK)
  DA(netview.v1r1m0.ACNMLINK) SHR.
ADD DDDEF(ADSIMSG1)
  DA(netview.v1r1m0.ADSIMSG1) SHR.
ADD DDDEF(ADUIMSG1)
  DA(netview.v1r1m0.ADUIMSG1) SHR.
ADD DDDEF(ADSIOPEN)
  DA(netview.v1r1m0.ADSIOPEN) SHR.
ADD DDDEF(ADSIPARM)
  DA(netview.v1r1m0.ADSIPARM) SHR.
ADD DDDEF(ADSIPRF )
  DA(netview.v1r1m0.ADSIPRF ) SHR.
ADD DDDEF(ACNMPNL1)
  DA(netview.v1r1m0.ACNMPNL1) SHR.
ADD DDDEF(ACNMSAMP)
  DA(netview.v1r1m0.ACNMSAMP) SHR.
ADD DDDEF(AEGVPS21)
  DA(netview.v1r1m0.AEGVPS21) SHR.
ADD DDDEF(AEKGCAS1)
  DA(netview.v1r1m0.AEKGCAS1) SHR.
ADD DDDEF(AEKGLANG)
  DA(netview.v1r1m0.AEKGLANG) SHR.
ADD DDDEF(AEKGLUTB)
  DA(netview.v1r1m0.AEKGLUTB) SHR.
ADD DDDEF(AEKGMOD1)
  DA(netview.v1r1m0.AEKGMOD1) SHR.

```

Figure 58 (Part 6 of 15). CNMJDDDF

```

ADD DDDEF(AEKGSMPI)
  DA(netview.v1r1m0.AEKGSMPI) SHR.
ADD DDDEF(AMACLIB )
  DA(sys1.AMACLIB ) SHR.
ADD DDDEF(ANVULIB )
  DA(netview.v1r1m0.ANVULIB ) SHR.
ADD DDDEF(CSSLIB)
  DA(sys1.CSSLIB) SHR.
ENDUCL.
/*
//DDDEF1A EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/*                                DATASETS NEEDED FOR
/*                                INSTALLING ANY PL/I
/*                                COMPONENTS.
//SMPCNTL DD *
  SET BDY(tgt1)                  /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.
  ADD DDDEF(SIBMBASE)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(PLIBASE)
    DA(p1i.v2r3m0.PLIBASE) SHR.
ENDUCL.
  SET BDY(dlib1)                 /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SIBMBASE)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(PLIBASE)
    DA(p1i.v2r3m0.PLIBASE) SHR.
ENDUCL.
/*

```

Figure 58 (Part 7 of 15). CNMJDDDF



```

//DDDEF1B EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                               DATASETS NEEDED FOR
//*                               INSTALLING ANY C/370
//*                               COMPONENTS.
//SMPCNTL DD *
  SET BDY(tgt1)                  /* <==2 YOUR SMP/E TGT1 ZONE */
  .
  UCLIN.
  ADD DDDEF(SEDCCBASE)
    DA(c370.v2r1m0.SEDCCBASE) SHR.
  ENDUCL.
  SET BDY(dlib1)                 /* <==3 YOUR SMP/E DLIB ZONE */
  .
  UCLIN.
  ADD DDDEF(SEDCCBASE)
    DA(c370.v2r1m0.SEDCCBASE) SHR.
  ENDUCL.
//*
//DDDEF1C EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                               DATASETS NEEDED FOR
//*                               INSTALLING ANY LE/370
//*                               COMPONENTS.
//SMPCNTL DD *
  SET BDY(tgt1)                  /* <==2 YOUR SMP/E TGT1 ZONE */
  .
  UCLIN.
  ADD DDDEF(SCEELKED)
    DA(cee.v1r5m0.SCEELKED) SHR.
  ENDUCL.
  SET BDY(dlib1)                 /* <==3 YOUR SMP/E DLIB ZONE */
  .
  UCLIN.
  ADD DDDEF(SCEELKED)
    DA(cee.v1r5m0.SCEELKED) SHR.
  ENDUCL.

```

Figure 58 (Part 8 of 15). CNMJDDDF

```

/**
/** THE FOLLOWING THREE STEPS ARE FOR YOU TO USE WHEN LINKING THE
/** METHODS (JPZ8206 AND JPZ8246) 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
/** JPZ8206 AND JPZ8246. IF YOU WILL ONLY BE USING PL/I AS YOUR
/** HIGH LEVEL LANGUAGE, THEN USE DDDEF1D. IF YOU WILL BE USING
/** PL/I AND C, THEN USE DDDEF1E, AND IF YOU ARE USING LE/370
/** THEN YOU SHOULD USE DDDEF1F. ENSURE THAT YOU ONLY USE ONE OF
/** THE FOLLOWING 3 STEPS. IF YOU NEED TO CHANGE THE LIBRARY
/** NAMES TO MATCH THE NAMES OF YOUR HIGH LEVEL LANGUAGE
/** LIBRARIES, BE SURE TO LEAVE DDDEFS FOR THE DDNAMES SCNMTH1,
/** SCNMTH2 AND SCNMTH3. THE SMP/E APPLIES FOR JPZ8206 AND
/** JPZ8246 WILL BE LOOKING FOR ALL 3 DDNAMES.
/**
//DDDEF1D EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/**                               DATASETS NEEDED FOR
/**                               INSTALLING METHODS IF YOU ARE
/**                               USING PL/I AS YOUR HIGH
/**                               LEVEL LANGUAGE
//SMPCNTL DD *
  SET BDY(tgt1)                 /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.

  ADD DDDEF(SCNMTH1)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(SCNMTH2)
    DA(p1i.v2r3m0.PLIBASE) SHR.
  ADD DDDEF(SCNMTH3)
    DA(p1i.v2r3m0.SIBMBASE) SHR.
ENDUCL.

```

Figure 58 (Part 9 of 15). CNMJDDDF

```

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.
/**
//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(pli.v2r3m0.SIBMBASE) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(pli.v2r3m0.PLIBASE) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(c370.v2r1m0.SEDCBASE) SHR.
ENDUCL.

```

Figure 58 (Part 10 of 15). CNMJDDDF

```

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(c370.v2r1m0.SEDCBASE) SHR.
ENDUCL.
/**
//DDDEF1F EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
/**                               DATASETS NEEDED FOR
/**                               INSTALLING METHODS IF YOU ARE
/**                               USING LE/370 YOUR HIGH
/**                               LEVEL LANGUAGE
//SMPCNTL DD *
  SET BDY(tgt1)          /* <==2 YOUR SMP/E TGT1 ZONE */
.
UCLIN.

  ADD DDDEF(SCNMMTH1)
    DA(cee.v1r5m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(cee.v1r5m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(cee.v1r5m0.SCEELKED) SHR.
ENDUCL.
SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(SCNMMTH1)
    DA(cee.v1r5m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH2)
    DA(cee.v1r5m0.SCEELKED) SHR.
  ADD DDDEF(SCNMMTH3)
    DA(cee.v1r5m0.SCEELKED) SHR.
ENDUCL.
/**

```

Figure 58 (Part 11 of 15). CNMJDDDF

```

//DDDEF2A EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//*                               ADDITIONAL DATA SETS NEEDED
//*                               FOR INSTALLING NETVIEW
//*                               ENGLISH
//SMPCNTL DD *
SET BDY(tgt1)                    /* <==2 YOUR SMP/E TARGET ZONE */
.
UCLIN.
ADD DDDEF(BNJPNL1)
  DA(netview.v1r1m0.BNJPNL1) SHR.
ADD DDDEF(BNJSRC1)
  DA(netview.v1r1m0.BNJSRC1) SHR.
ADD DDDEF(SEKGPL1)
  DA(netview.v1r1m0.SEKGPL1) SHR.
ADD DDDEF(ABNJPNL1)
  DA(netview.v1r1m0.ABNJPNL1) SHR.
ADD DDDEF(ABNJSRC1)
  DA(netview.v1r1m0.ABNJSRC1) SHR.
ADD DDDEF(AEKGPL1)
  DA(netview.v1r1m0.AEKGPL1) SHR.
ENDUCL.
SET BDY(dlib1)                   /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
ADD DDDEF(ABNJPNL1)
  DA(netview.v1r1m0.ABNJPNL1) SHR.
ADD DDDEF(ABNJSRC1)
  DA(netview.v1r1m0.ABNJSRC1) SHR.
ADD DDDEF(AEKGPL1)
  DA(netview.v1r1m0.AEKGPL1) SHR.
ENDUCL.
//*

```

Figure 58 (Part 12 of 15). CNMJDDDF

```

//DDDEF2B 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.v1r1m0.SCNMPNL2) SHR.
  ADD DDDEF(SBNJPNL3)
    DA(netview.v1r1m0.SBNJPNL3) SHR.
  ADD DDDEF(SCNMMJPN)
    DA(netview.v1r1m0.SCNMMJPN) SHR.
  ADD DDDEF(SEGVPS22)
    DA(netview.v1r1m0.SEGVPS22) SHR.
  ADD DDDEF(SEKGPL2)
    DA(netview.v1r1m0.SEKGPL2) SHR.
  ADD DDDEF(ACNMMJPN)
    DA(netview.v1r1m0.ACNMMJPN) SHR.
  ADD DDDEF(ABNJPNL3)
    DA(netview.v1r1m0.ABNJPNL3) SHR.
  ADD DDDEF(ACNMPNL2)
    DA(netview.v1r1m0.ACNMPNL2) SHR.
  ADD DDDEF(AEGVPS22)
    DA(netview.v1r1m0.AEGVPS22) SHR.
  ADD DDDEF(AEKGPL2)
    DA(netview.v1r1m0.AEKGPL2) SHR.
ENDUCL.

```

Figure 58 (Part 13 of 15). CNMJDDDF

```

SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(ACNMMJPN)
    DA(netview.v1r1m0.ACNMMJPN) SHR.
  ADD DDDEF(ABNJPNL3)
    DA(netview.v1r1m0.ABNJPNL3) SHR.
  ADD DDDEF(ACNMPNL2)
    DA(netview.v1r1m0.ACNMPNL2) SHR.
  ADD DDDEF(AEGVPS22)
    DA(netview.v1r1m0.AEGVPS22) SHR.
  ADD DDDEF(AEKGPL2)
    DA(netview.v1r1m0.AEKGPL2) SHR.
ENDUCL.
/**
//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.v1r1m0.SFLBDAT1) SHR.
  ADD DDDEF(AFLBDAT1)
    DA(netview.v1r1m0.AFLBDAT1) SHR.
ENDUCL.
SET BDY(dlib1)          /* <==3 YOUR SMP/E DLIB ZONE */
.
UCLIN.
  ADD DDDEF(AFLBDAT1)
    DA(netview.v1r1m0.AFLBDAT1) SHR.
ENDUCL.
/**

```

Figure 58 (Part 14 of 15). CNMJDDDF

```

//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 58 (Part 15 of 15). CNMJDDDF



Figure 59 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 IBM CORP. 1986, 1997.           **
//**      ALL RIGHTS RESERVED.                           **
//**                                                    **
//**      US GOVERNMENT USERS RESTRICTED RIGHTS         **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**                                                    **
//**      PROCEDURE:                                     **
//**                                                    **
//**      FUNCTION:                                       **
//**                                                    **
//**      NOTE:                                          **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND   **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                         **
//**      1. CHANGE TO NAME OF OPTIONS ENTRY           **
//**      USED BY TARG/DLIB ZONES USED TO               **
//**      INSTALL NETVIEW                                **
//**                                                    **
//**      EXPECTED COND CODE: 0000                      **
```

Figure 59 (Part 1 of 2). CNMJUCLN

```

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

```

Figure 59 (Part 2 of 2). CNMJUCLN

## 8.1.4 RECEIVE TME 10 NetView for OS/390 Version 1 Release 1

Each RECEIVE job supplied in NETVIEW.V1R1M0.INSTALL 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. You should be aware that TME 10 NetView for OS/390 Version 1 Release 1 now supports LE/370 as well as PL/I and C370. You may select to use either LE/370 or a combination of PL/I and C370, but not both. The PL/I code is received with JPZ8201, the C370 code is received with JPZ8202 and the LE/370 code is received with JPZ8203. Figure 60 will show you which Receive jobs to run, and which FMIDS they will receive.

Figure 60. Which Receive Jobs to Run

System ordered	RECEIVE jobs to run	FMIDS received
Unattended	CNMJRC04*	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206
Procedural	CNMJRC04* CNMJRC24	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224
Graphical Enterprise	CNMJRC04* CNMJRC24 CNMJRC44	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224 JPZ8240 JPZ8244 JPZ8246

**Note:** You will need to select either JPZ8201/JPZ8202 or JPZ8203 depending on whether you ordered the C/370 or LE/370 versions of TME 10 NetView for OS/390 Version 1 Release 1.

**Note:** The base component (FMID HPZ8200) must be received before any of the other components. Also, for each RECEIVE job supplied, the first FMID listed, (the one whose FMID ends with 0) must be received before any other FMIDs listed in that RECEIVE job. You may also RECEIVE all the FMIDS in any job at one time.

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

Figures 61 through 63 show the RECEIVE samples.

```

//CNMJRC04 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 **
//** (C) COPYRIGHT IBM CORP. 1986, 1997. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC04 **
//**
//** 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 HPZ8200 FUNCTION (TME 10 NETVIEW UNATTENDED)**
//** RECEIVE THE JPZ8201 FUNCTION (NETVIEW UNATT. PL/I) **
//** RECEIVE THE JPZ8202 FUNCTION (NETVIEW UNATT. C/370) **
//** RECEIVE THE JPZ8203 FUNCTION (NETVIEW UNATT. LE/370)**
//** RECEIVE THE JPZ8204 FUNCTION (UNATTENDED ENGLISH) **
//** RECEIVE THE JPZ8206 FUNCTION (UNATTENDED METHODS) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW UNATTENDED US ENGLISH **
//** TME 10 NETVIEW PROCEDURAL US ENGLISH **
//** TME 10 NETVIEW GRAPHICAL ENTERPRISE US ENGLISH **
//**
//** NOTE: **
//** ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//** AS REQUIRING CUSTOMIZATION. PARAMETERS AND **
//** KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//** IN LOWER CASE TO MAKE THEM EASIER TO FIND. ALL **
//** JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//** JOB TO AVOID A JCL ERROR. SPECIFIC ITEMS NEEDING **
//** CUSTOMIZATION INCLUDE: **
//** 1. YOUR SMP/E PROC **
//** 2. YOUR NETVIEW TARGET VOLUME **
//** 3. YOUR UNIT NAME FOR TAPE DRIVES **
//** 4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
//** SMPPTS DATA SETS. **
//**

```

Figure 61 (Part 1 of 2). CNMJRC04

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.  **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC04 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=PZ8200,
//          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(
          HPZ8200          /* TME 10 NETVIEW UNATTENDED */
          JPZ8201          /* TME 10 NETVIEW UNATT. PL/I */
          JPZ8202          /* TME 10 NETVIEW UNATT. C/370 */
          JPZ8203          /* TME 10 NETVIEW UNATT. LE/370 */
          JPZ8204          /* TME 10 NETVIEW UNATT. ENGLISH*/
          JPZ8206          /* TME 10 NETVIEW UNATT. METHODS*/
        )
        SYSMODS
        LIST
        .
/*
//

```

Figure 61 (Part 2 of 2). CNMJRC04

```

//CNMJRC24 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 **
//** (C) COPYRIGHT IBM CORP. 1986, 1997. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJRC24 **
//**
//** 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 JPZ8220 FUNCTION (PROCEDURAL BASE) **
//** RECEIVE THE JPZ8224 FUNCTION (PROCEDURAL ENGLISH) **
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS: **
//** TME 10 NETVIEW PROCEDURAL US ENGLISH **
//** TME 10 NETVIEW ENTERPRISE US ENGLISH **
//**
//** NOTE: **
//** ARROWS "<===" POINT TO LINES WHICH ARE RECOGNIZED **
//** AS REQUIRING CUSTOMIZATION. PARAMETERS AND **
//** KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//** IN LOWER CASE TO MAKE THEM EASIER TO FIND. ALL **
//** JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//** JOB TO AVOID A JCL ERROR. SPECIFIC ITEMS NEEDING **
//** CUSTOMIZATION INCLUDE: **
//** 1. YOUR SMP/E PROC **
//** 2. YOUR NETVIEW TARGET VOLUME **
//** 3. YOUR UNIT NAME FOR TAPE DRIVES **
//** 4. HIGH LEVEL OF THE SMP/E SMPLOG AND **
//** SMPPTS DATA SETS. **
//**

```

Figure 62 (Part 1 of 2). CNMJRC24

```

/**      OUTPUT:                                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.    **
/**      **                                          **
/**      ACTIVITY:                                **
/**      **                                          **
/**      *****
/**      *****
//CNMJRC20 EXEC cnmjsmpe                        <==1 YOUR SMP/E PROC
//SMPTLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol                      <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8220,
//          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(
          JPZ8220 /* TME 10 NETVIEW PROCEDURAL BASE */
          JPZ8224 /* TME 10 NETVIEW PROCEDURAL ENGLISH */
        )
SYSMODS
LIST
.
/*
//

```

Figure 62 (Part 2 of 2). CNMJRC24

```

//CNMJRC44 JOB 'ACCOUNTING INFORMATION','SMP/E R8 RECEIVE',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                     **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.       **
//**      ALL RIGHTS RESERVED.                       **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS      **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE:  CNMJRC44                            **
//**
//** 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 JPZ8240 FUNCTION (ENTERPRISE BASE)   **
//** RECEIVE THE JPZ8244 FUNCTION (ENTERPRISE ENGLISH) **
//** RECEIVE THE JPZ8246 FUNCTION (ENTERPRISE RODM METHODS)**
//**
//** THIS JOB SHOULD BE RUN IF YOU ARE INSTALLING ANY **
//** OF THE FOLLOWING NETVIEW OPTIONS:                 **
//**      TME 10 NETVIEW GRAPHICAL ENTERPRISE US ENGLISH **
//**
//** NOTE:                                           **
//** ARROWS "<==<=" POINT TO LINES WHICH ARE RECOGNIZED **
//** AS REQUIRING CUSTOMIZATION.  PARAMETERS AND     **
//** KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED  **
//** IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//** JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//** JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//** CUSTOMIZATION INCLUDE:                          **
//**      1. YOUR SMP/E PROC                           **
//**      2. YOUR NETVIEW TARGET VOLUME                **
//**      3. YOUR UNIT NAME FOR TAPE DRIVES           **
//**      4. HIGH LEVEL OF THE SMP/E SMPLOG AND       **
//**          SMPPTS DATA SETS.                       **
//**

```

Figure 63 (Part 1 of 2). CNMJRC44



```

/**      OUTPUT:                **
/**      THE CONDITION CODE FOR THIS JOB SHOULD BE 0.          **
/**      **                                                         **
/**      ACTIVITY:          **
/**      **                                                         **
/**      *****
/**      *****
//CNMJRC44 EXEC cnmjsmpe          <==1 YOUR SMP/E PROC
//SMPDLIB DD UNIT=SYSDA,DISP=OLD,
//          VOL=SER=tlibvol          <==2 TLIB VOLUME
//SMPPTFIN DD DSN=SMPMCS,VOL=SER=PZ8240,
//          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
//SMPCTL DD *
SET      BDY(GLOBAL) .
RECEIVE S(
          JPZ8240 /* TME 10 NETVIEW ENTERPRISE BASE          */
          JPZ8244 /* TME 10 ENTERPRISE ENGLISH              */
          JPZ8246 /* TME 10 ENTERPRISE GMFHS/SNATM METHODS */
        )
SYSMODS
LIST
.
/*
//

```

Figure 63 (Part 2 of 2). CNMJRC44

## 8.1.5 APPLY TME 10 NetView for OS/390 Version 1 Release 1

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 1, you will need to let SMP remove the old NetView or NCCF from those target libraries at APPLY time. See section 8.1.5.2, “APPLYing TME 10 NetView for OS/390 Version 1 Release 1 on a System Having NCCF or NetView Already Installed” on page 161 for more information.

Each APPLY job supplied in NETVIEW.V1R1M0.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 64 on page 154 will show you which APPLY jobs to run, and which FMIDS they will apply.

**Note 1** If you are installing TME 10 NetView for OS/390 Version 1 Release 1 you **must make** a decision about which High Level Language you will run. TME 10 NetView for OS/390 Version 1 Release 1 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 JPZ8203, but **not** FMIDs JPZ8201 or JPZ8202. What is different than with NetView V3R1 is that 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 JPZ8201 and if you are also using C370 you **must** apply JPZ8202. If you change your HLL at some point after applying then you must use the delete jobs listed in Figure 70 on page 164 and Figure 71 on page 166 to delete the FMIDs for the HLL's you are removing. Then run the APPLY job shown in Figure 65 on page 156 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 will inform you that you are re-applying an existing FMID.

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

**Note 2** It is **strongly** recommended that you APPLY the NetView components in the order listed for your system in Figure 64. This is because TME 10 NetView for OS/390 Version 1 Release 1 has many dependencies between components. These dependencies will cause unresolved external reference messages to be generated during the APPLY. The list shown in Figure 74 on page 170 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 1

**Note 3** Apply all FMIDs listed for each NetView type in Figure 64 to ensure successful linkedits.

Figure 64. Which APPLY Jobs to Run

System ordered	APPLY jobs to run	FMIDS applied
Unattended	CNMJAP04*	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206
Procedural	CNMJAP04* CNMJAP24	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224
Graphical Enterprise	CNMJAP04* CNMJAP24 CNMJAP44	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224 JPZ8240 JPZ8244 JPZ8246

**Note:** You will need to select either JPZ8201/JPZ8202 or JPZ8203 depending on whether you ordered the C/370 or LE/370 versions of TME 10 NetView for OS/390 Version 1 Release 1.

**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 HPZ8200 before applying JPZ8201 or JPZ8202.

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

Figures 65 through 67 show the APPLY samples.

```

//CNMJAP04 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 **
//** (C) COPYRIGHT IBM CORP. 1986, 1997. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAP04 **
//**
//** 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 US ENGLISH **
//** TME 10 NETVIEW PROCEDURAL US ENGLISH **
//** TME 10 NETVIEW GRAPHICAL ENTERPRISE US ENGLISH**
//**
//** NOTE: **
//** ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//** AS REQUIRING CUSTOMIZATION. PARAMETERS AND **
//** KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//** IN LOWER CASE TO MAKE THEM EASIER TO FIND. ALL **
//** JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//** JOB TO AVOID A JCL ERROR. SPECIFIC ITEMS NEEDING **
//** CUSTOMIZATION INCLUDE: **
//** 1. YOUR SMP/E PROC **
//** 2. YOUR 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. **
//**

```

Figure 65 (Part 1 of 2). CNMJAP04

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
/**      >>>> TO APPLY.                                       **
/**      **                                                    **
/**      ACTIVITY:                                           **
/**      **                                                    **
/**      *****                                              **
/**      *****                                              **
//CNMJAP04 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
/* <==3 FMIDS      */
HPZ8200 /* TME 10 NETVIEW UNATTENDED BASE                */
JPZ8201 /* TME 10 NETVIEW UNATTENDED PL/I                */
JPZ8202 /* TME 10 NETVIEW UNATTENDED C/370              */
JPZ8203 /* TME 10 NETVIEW UNATTENDED LE/370             */
JPZ8204 /* TME 10 NETVIEW UNATTENDED ENGLISH           */
JPZ8206 /* TME 10 NETVIEW UNATTENDED METHODS           */
)
/* CHECK          /* 4 <== CHECK OPERAND                */
.
/*
//

```

Figure 65 (Part 2 of 2). CNMJAP04

```

//CNMJAP24 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      ALL RIGHTS RESERVED.                      **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS    **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE:  CNMJAP24                      **
//**
//**      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 US ENGLISH    **
//**      TME 10 NETVIEW GRAPHICAL ENTERPRISE US ENGLISH **
//**
//**      NOTE:                                    **
//**      ARROWS "<==<=" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                   **
//**      1. YOUR SMP/E PROC                       **
//**      2. YOUR 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.                       **
//**

```

Figure 66 (Part 1 of 2). CNMJAP24

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
/**      >>>> TO APPLY.                                       **
/**      **                                                    **
/**      ACTIVITY:                                           **
/**      **                                                    **
/**      *****                                                    **
/**      *****                                                    **
//CNMJAP24 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
/* <==3 FMIDS      */
JPZ8220 /* TME 10 NETVIEW PROCEDURAL BASE                */
JPZ8224 /* TME 10 NETVIEW PROCEDURAL US ENGLISH          */
)
/* CHECK          /* 4 <== CHECK OPERAND                */
.
/*
//

```

Figure 66 (Part 2 of 2). CNMJAP24

```

//CNMJAP44 JOB 'ACCOUNTING INFORMATION','SMP/E R8 APPLY',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 **
//** (C) COPYRIGHT IBM CORP. 1986, 1997. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAP44 **
//**
//** 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 GRAPHICAL ENTERPRISE US ENGLISH **
//**
//** NOTE: **
//** ARROWS "<==>" POINT TO LINES WHICH ARE RECOGNIZED **
//** AS REQUIRING CUSTOMIZATION. PARAMETERS AND **
//** KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//** IN LOWER CASE TO MAKE THEM EASIER TO FIND. ALL **
//** JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//** JOB TO AVOID A JCL ERROR. SPECIFIC ITEMS NEEDING **
//** CUSTOMIZATION INCLUDE: **
//** 1. YOUR SMP/E PROC **
//** 2. YOUR 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. **
//**

```

Figure 67 (Part 1 of 2). CNMJAP44



```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED MATCH THE ONES THAT YOU ARE ABOUT     **
/**      >>>> TO APPLY.                                         **
/**      **                                                    **
/**      ACTIVITY:                                             **
/**      **                                                    **
/**      *****                                              **
/**      *****                                              **
//CNMJAP44 EXEC cnmjsmpe                                     <==1 YOUR SMP/E PROC
//SMPCTL DD *
SET      BDY(tgt1) .                                       /* <==2 YOUR TARGET ZONE*/
APPLY SELECT
(
/* <==3 FMIDS      */
JPZ8240 /* TME 10 NETVIEW ENTERPRISE BASE                */
JPZ8244 /* TME 10 NETVIEW ENTERPRISE ENGLISH             */
JPZ8246 /* TME 10 NETVIEW ENTERPRISE RODM METHODS       */
)
/* CHECK          /* 4 <== CHECK OPERAND                */
.
/*
//

```

Figure 67 (Part 2 of 2). CNMJAP44

### 8.1.5.1 Subdividing the APPLY of TME 10 NetView for OS/390 Version 1 Release 1

Because of the number of FMIDs in TME 10 NetView for OS/390 Version 1 Release 1 it is recommended that you do not try to run the entire APPLY as one job. Each sample job will do the apply for one component. In most cases you will not be APPLYing every FMID for each component. For example, you may choose not to install PL/I or C for some components. For RODM you will have to choose between the PL/I and/or C FMIDs and the LE/370 FMID. This choice will be based on the High Level Languages you have installed and wish to run with NetView. You must delete, or comment out, the lines for the FMIDs you do not wish to apply.

You may also APPLY NetView one FMID at a time. If you elect to do this you must ensure that you apply the base FMID for each component before you apply any other FMIDs. The base component FMID always ends with the digit 0, such as HPZ8200 or JPZ8220.

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

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

**8.1.5.2.1 Deleting a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF into system libraries and you will use those libraries again with TME 10 NetView for OS/390 Version 1 Release 1, but you do not want to continue using this release after your TME 10 NetView for

OS/390 Version 1 Release 1 install, you will need to use SMP to remove the old NetView or NCCF from those libraries when SMP installs TME 10 NetView for OS/390 Version 1 Release 1.

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 1 modules.

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

- You will have to run your APPLY job using your old NetView or NCCF libraries and SMP zone.
- Since TME 10 NetView for OS/390 Version 1 Release 1 no longer uses the libraries NLDMLIB, NPDALIB, LINKLIB, and LPALIB, you will have to provide access to the old NetView or NCCF NLDMLIB, NPDALIB, LINKLIB, and LPALIB in your APPLY job so SMP can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFS or DD statements. Figure 68 shows an example of possible DD statements. Figure 69 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 68. 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 69. Sample DDDEF Statements for NLDMLIB, NPDALIB, LINKLIB, and LPALIB

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

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

To lessen the exposure to this situation, you might want to add SCNMLPA1 to the LPALSTxx member (refer to *NetView Installation and Administration Guide*) before actually APPLYing TME 10 NetView for OS/390 Version 1 Release 1.

**8.1.5.2.2 Running with a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF and you plan to continue using this release after your V3R2 install, you MUST use separate SMP target zones for your TME 10 NetView for OS/390 Version 1 Release 1 install. After your period of testing TME 10 NetView for OS/390 Version 1 Release 1 is finished, you should delete the previous release of NetView or NCCF. If the previous level of NetView is earlier than Version 2 Release 1 (or NetView Version 1 Release 3 MVS/ESA) then you must manually delete the old modules from SYS1.LPALIB and SYS1.LINKLIB since the new release uses modules which are placed in SCNMLPA1 rather than LPALIB and CNMLINK instead of LINKLIB. These modules in SCNMLPA1 are downward compatible with previous releases and the most recent version should be used.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run an SMP job using a dummy FMID to delete the previous release and its parts from the old libraries and the previous release's target and distribution zones. A UCLIN job is used to clean out references to the dummy FMID from the CSI zones. This assumes you have installed TME 10 NetView for OS/390 Version 1 Release 1 in a separate CSI from the previous release. A sample of how this can be done is provided in Figure 70 on page 164 and Figure 71 on page 166. The symbol *fmid2del* would be replaced by the base FMID of the actual release you have installed. Figure 72 on page 168 lists the releases prior to TME 10 NetView for OS/390 Version 1 Release 1. The symbol *nvdelet* is the dummy FMID used for the delete processing. You could use NVDELETE as the FMID, you can supply another if you prefer.

```

//CNMJDLT1 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM          **
//**      5697-B82                                         **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.           **
//**      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 70 (Part 1 of 2). CNMJDLT1

```

/**          1. CHANGE CNMJESMP TO THE NAME OF YOUR **
/**          SMP PROC                               **
/**          2. UNIT TYPE OF DISK CONTAINING CSI   **
/**          3. VOLUME SERIAL OF DISK CONTAINING  **
/**          CSI                                    **
/**          4. HIGH LEVEL OF THE SMP/E SMPPTS     **
/**          DATA SETS.                           **
/**          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 cnmjsmpe          <==1 NAME OF SMP 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 SMPPTS DATASET
//SMPPTFIN DD *
++FUNCTION(nvdelete).          /* <==5 DUMMY FMID          */
++VER(Z038) DELETE(fmid2del).  /* <==6 FMID TO DELETE */
//SMPCNTL DD *
SET BDY(global).              /* <==7 YOUR SMP/E GLOBAL ZONE */
RECEIVE SELECT (nvdelete).    /* <==5 DUMMY FMID          */
SET BDY(tgt1).                /* <==8 YOUR SMP/E TARGET ZONE */
APPLY SELECT (nvdelete).      /* <==5 DUMMY FMID          */
SET BDY(dlib1).               /* <==9 YOUR SMP/E DLIB ZONE */
ACCEPT SELECT (nvdelete).     /* <==5 DUMMY FMID          */
/*

```

Figure 70 (Part 2 of 2). CNMJDLT1

```

//CNMJDLT2 JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
//          MSGLEVEL=1,MSGCLASS=A,CLASS=A
//*****
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM          **
//**      5697-B82                                         **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.           **
//**      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. CHANGE CNMJESMP TO THE NAME OF YOUR SMP PROC **
//**      2. CHANGE TGT1 TO THE NAME OF YOUR SMP/E TARGET ZONE **
//**      3. CHANGE FMID2DEL TO THE FMID YOU WANT TO DELETE **
//**      4. CHANGE NVDELET TO THE NAME OF THE DUMMY FMID YOU WANT TO USE **
//**      5. CHANGE DLIB1 TO THE NAME OF YOUR SMP/E DISTRIBUTION ZONE **
//**
//**      EXPECTED COND CODE: 0000                       **
//**
//*****

```

Figure 71 (Part 1 of 2). CNMJDLT2

```

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

```

Figure 71 (Part 2 of 2). CNMJDLT2

Figure 72. NetView FMIDs to delete by Version/Release

Version/Release	MVS/370	MVS/XA	MVS/ESA
Version 1 Release 1	HNV1102	HNV1103	N/A <sup>1</sup>
Version 1 Release 2	HNV1202	HNV1203	N/A <sup>1</sup>
Version 1 Release 3	N/A <sup>2</sup>	HNV1303	HVNW140
Version 2 Release 1	N/A <sup>2</sup>	HVWW101	HXYZ101
Version 2 Release 2	N/A <sup>2</sup>	HVWW200	HXYZ200
Version 2 Release 3	N/A <sup>2</sup>	HVWW300	HXYZ300
Version 2 Release 4	N/A <sup>2</sup>	N/A <sup>3</sup>	HXYZ400
Version 3 Release 1	N/A <sup>2</sup>	N/A <sup>3</sup>	HPZ8100, HPZ8130
MSM V1R1	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC100
MSM V1R2	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC200
MSM V2R1	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC300
MSM V2R2	N/A <sup>4</sup>	N/A <sup>5</sup>	HFLC400
AON/ANO FMIDs	N/A <sup>6</sup>	N/A <sup>7</sup>	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 73. Additional delete logic



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

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

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

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

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

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

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

**Note:** In the tables that follow you will see some load module names with a "(2)" beside them. This is to indicate that this is the second appearance of the load module in the APPLY output for that particular FMID. The first time will be when it is built without any HLL libraries and stored in the SMPLTS dataset, and the second time will be when it is built with the HLL libraries. For most load modules the second linking, with the HLL libraries, will resolve all unresolved external references. However, there are some load modules that will not have all their external references resolved by the APPLY. This is because they may need to be linked in with user code, because they are used by another FMID to build a larger load module, or because they need a part from an FMID that has not yet been applied. The ACTION column will indicate if and how the external references will be resolved. If the ACTION column says "NONE" then this module will never have its external references resolved. This is not a problem. It means that the load module is never executed by itself, but is used to build a larger load module in a different TME 10 NetView for OS/390 Version 1 Release 1 FMID.

For FMID HPZ8200 all load modules listed in Figure 74 on page 170 with a "(2)" next to the load module name will appear twice in your APPLY output with unresolved external references. In each case the list of unresolved external references will be the same. For that reason they are only listed once in this table.

There will be unresolved references for DSIEXPPP and DSIEXCCC that will not be resolved in the second link. That is normal. The message would read: *IEW2459W 9206 INCLUDED MEMBER DSIEXPPP FAILED TO RESOLVE REFERENCE* or would read: *IEW2459W 9206 INCLUDED MEMBER DSIEXCCC FAILED TO RESOLVE REFERENCE*. These will occur in JPZ8206, JPZ8240, and JPZ8246. Other messages that are acceptable are GIM23903W, GIM23904W, IEW2456E, IEW2467E, and IEW2454W.

<i>Figure 74 (Page 1 of 2). Load Modules and Unresolved External References for HPZ8200</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
BNJXATRX	BNJXHISA, BNJXEXPA	None
BNJXEXGA	BNJXRECA	None
BNJXEXPA	BNJXEXGA, BNJXEXBA	None
DSIEXC	CEESTART	Include with user code
DSIEXKT	EWCCFIT	Include with user code
DSIEXPLP	PLISTART	Include with user code
DUIFEXPP	CNMNETV	None
EKGLG000 (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, FEOF, PRINTF EDC#EXIT, CEESG003, STRTOK, SPRINTF, ATOI, FOPEN, PERROR, FREAD, FERROR, LOCALTIM, ASCTIME, POW, @@TRT, STRNCAT, FCLOSE, TIME, STRFTIME	Resolved when you apply JPZ8202 or JPZ8203
EKGKUNLD (2)	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FCLOSE, FPRINTF FREAD, PRINTF, STRNCOPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP	Resolved when you apply JPZ8202 or JPZ8203
EKGTC000 (2)	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMCKDD, IBMLLIST, CEESG003, CEESTART	Resolved when you apply JPZ8201 JPZ8202 or JPZ8203
EKGLOTLM (2)	PLISTART, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMKDMA	Resolved when you apply JPZ8201 or JPZ8203

Figure 74 (Page 2 of 2). Load Modules and Unresolved External References for HPZ8200

Load Modules	Unresolved External References	Action
EKGIVER (2)	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBPRCA, IBMBBGKA, IBMBSEDA, IBMBSIOA, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCCSA, IBMBCEDB, IBMBCHEFD, IBMBCPBD, IBMBCTHD, IBMBCUID, IBMBCWDH, IBMBOCLA, IBMBSAOA, IBMBSFOA, IBMBSFOA, IBMBSLOA, IBMBSPLA, IBMCKDD, IBMLLIST	Resolved when you apply JPZ8201 or JPZ8203
EKGCTIM	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMLLIST	Resolved when you apply JPZ8206
EKGINIT	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMLLIST	Resolved when you apply JPZ8206
EKGMIMV	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBCEDB, IBMBCODE, IBMCKDD, IBMBCCAA, IBMBCGZA, IBMBCHEFD, IBMBCTHD, IBMBCUID, IBMLLIST	Resolved when you apply JPZ8206
EKGNEQL, EKGNLST, EKGNOTF, EKGNTHD	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMBBGBA, IBMLLIST	Resolved when you apply JPZ8206

For FMID JPZ8201 all load modules listed in Figure 75 will be resolved during the APPLY of JPZ8201. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the PL/I libraries. It will then link them a second time using the PL/I libraries and resolve all external references.

Figure 75 (Page 1 of 2). Load Modules and Unresolved External References for JPZ8201

Load Modules	Unresolved External References	Action
DSIHLL24	IBMBPRIA, IBMPIRB, IBMPIRC, PLIMAIN, IBMLLIST CEESTART, EXIT, CEESG003	None
DSIPLIC	IBMBPRIA, IBMPIRB, IBMPIRC, PLIMAIN, IBMLLIST	None
DSIIBMHL	IBMBPRIA, IBMPIRB, IBMPIRC, IBMLLIST	None
DSIEXPLI (2)	PLICALLB	Include with user code
EKGTC000	IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCHEFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMCKDD, CEESTART, CEESG003	None

Figure 75 (Page 2 of 2). Load Modules and Unresolved External References for JPZ8201

Load Modules	Unresolved External References	Action
EKGLOTLM	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBKDMA, IBMLLIST	None
EKGIVER	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBPRCA, IBMBBGKA, IBMBSEDA, IBMSIOA, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCCSA, IBMBCEDB, IBMBCHFD, IBMBCPBD, IBMBCTHD, IBMBCUID, IBMBCWDH, IBMBOCLA, IBMSAOA, IBMBSEOA, IBMSFOA, IBMSLOA, IBMSPLA, IBMBCKDD, IBMLLIST, IBMBCKDD	None

For FMID JPZ8202 all load modules listed in Figure 76 will be resolved during the APPLY of JPZ8202. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the C370 libraries. It will then link them a second time using the C370 libraries and resolve all external references.

Figure 76 (Page 1 of 3). Load Modules and Unresolved External References for JPZ8202

Load Modules	Unresolved External References	Action
CNMNVLC	CEESG003, CEESTART, STRTOUL, CEIL, FLOOR, MEMMOVE	None
CNMVLC	CEESG003, CEESTART, VSPRINTF, STRTOUL, CEIL, FLOOR, STRLEN, MEMMOVE	None
DSIHLL24	CEESG003, CEESTART, EXIT, IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMLLIST	None
EKGLG000	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, FEOF, PRINTF EDC#EXIT, CEESG003, STRTOK, SPRINTF, ATOI, FOPEN, PERROR, FREAD, FERROR, LOCALTIM, ASCTIME, POW, @@TRT, STRNCAT, FCLOSE, TIME, STRFTIME	None
EKGKUNLD	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FPRINTF FREAD, PRINTF, STRNCPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP, FCLOSE	None

Figure 76 (Page 2 of 3). Load Modules and Unresolved External References for JPZ8202

Load Modules	Unresolved External References	Action
EKGVACTM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, MEMMOVE, STRNCPY, STRNCAT, STRNCMP, STRTOK, CNMINFC, CNMSCOP, CNMVAR, CNMVLC, SSCANF, FREE, MALLOC, CNMSMSG, VSPRINTF, DSIEXCCC	None
EKGVCHGM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, ATOF, ATOI, STRTOUL, FREE STRNCAT, STRNCMP, STRTOK, SSCANF, TOUPPER, MALLOC, MEMMOVE, STRNCPY, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, ISXDIGIT, DSIEXCCC	None
EKGVCREM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOL, STRTOUL, STRNCAT, STRTOK, SSCANF, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, SPRINTF, TOUPPER, ISXDIGIT, CNMSMSG, VSPRINTF, DSIEXCCC	None
EKGVDELM, EKGVLNKM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None
EKGVLOCM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRNCMP, STRTOK, SSCANF, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, FREE, MALLOC, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ISXDIGIT, DSIEXCCC	None
EKGVMETM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, MEMMOVE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None

Figure 76 (Page 3 of 3). Load Modules and Unresolved External References for JPZ8202

Load Modules	Unresolved External References	Action
EKGVQUEM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, FREE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, MALLOC, STRNCMP, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ATOF, ATOI, DSIEXCCC	None
EKGVSUBM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None
EKGTC000	CEESG003, CEESTART, IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCA, IBMBCGZA, IBMBCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMLLIST	None

For FMID JPZ8203 all load modules listed in Figure 77 will be resolved during the APPLY of JPZ8203. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the LE/370 libraries. It will then link them a second time using the LE/370 libraries and resolve all external references.

Figure 77 (Page 1 of 4). Load Modules and Unresolved External References for JPZ8203

Load Modules	Unresolved External References	Action
CNMNVLC	CEESG003, CEESTART, STRTOUL, CEIL, FLOOR, MEMMOVE	None
CNMVLC	CEESG003, CEESTART, VSPRINTF, STRTOUL, CEIL, FLOOR, STRLEN, MEMMOVE	None
DSIHLL24	CEESG003, CEESTART, EXIT, IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMLLIST	None
EKGLG000	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, FEOF, PRINTF, EDC#EXIT, CEESG003, STRTOK, SPRINTF, ATOI, FOPEN, PERROR, FREAD, FERROR, LOCALTIM, ASCTIME, POW, @@TRT, STRNCAT, FCLOSE, TIME, STRFTIME	None

Figure 77 (Page 2 of 4). Load Modules and Unresolved External References for JPZ8203

Load Modules	Unresolved External References	Action
EKGKUNLD	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FPRINTF FREAD, PRINTF, STRNCPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP	None
EKGVACTM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, MEMMOVE STRNCPY, STRNCAT, STRNCMP, STRTOK, CNMINFC, CNMSCOP, CNMVAR, CNMVLC, SSCANF, FREE, MALLOC, CNMSMSG, VSPRINTF	None
EKGVCHGM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, ATOF, ATOI, STRTOUL, FREE STRNCAT, STRNCMP, STRTOK, SSCANF, TOUPPER, MALLOC, MEMMOVE, STRNCPY, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, ISXDIGIT	None
EKGVCREM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOL, STRTOUL, STRNCAT, STRTOK, SSCANF, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, SPRINTF, TOUPPER, ISXDIGIT, CNMSMSG, VSPRINTF	None
EKGVDELM, EKVLNKM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGVLOCM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRNCMP, STRTOK, SSCANF, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, FREE, MALLOC, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ISXDIGIT	None

Figure 77 (Page 3 of 4). Load Modules and Unresolved External References for JPZ8203

Load Modules	Unresolved External References	Action
EKGVMETM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, MEMMOVE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER	None
EKGVQUEM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, FREE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, MALLOC, STRNCMP, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ATOF, ATOI, DSIEXCCC	None
EKGVSUBM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None
EKGTC000	CEESG003, CEESTART, IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMLLIST	None
DSIHLL24	IBMBPRIA, IBMPIRB, IBMPIRC, PLIMAIN, IBMLLIST, CEESTART, EXIT, CEESG003	None
DSIPLIC	IBMBPRIA, IBMPIRB, IBMPIRC, PLIMAIN, IBMLLIST	None
DSIIBMHL	IBMBPRIA, IBMPIRB, IBMPIRC, IBMLLIST	None
DSIEXPLI (2)	PLICALLB	Include with user code
EKGTC000	IBMBEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, IBMBCACA, IBMBCBCA, IBMBCCCA, IBMBCGZA, IBMBCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBPGOA, IBMBCKDD, CEESTART, CEESG003	None
EKGLOTLM	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMBKDMA, IBMLLIST	None



Figure 77 (Page 4 of 4). Load Modules and Unresolved External References for JPZ8203

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

For FMID JPZ8206 all load modules listed in Figure 78 will be resolved during the APPLY of JPZ8206. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the HLL libraries. It will then link them a second time using the HLL libraries and resolve all external references.

Figure 78 (Page 1 of 3). Load Modules and Unresolved External References for JPZ8206

Load Modules	Unresolved External References	Action
EKGKUNLD	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, FEOF, FOPEN, FPRINTF, FREAD, PRINTF, STRNCPY, STRNCAT, STRTOK, FREE, MALLOC, FPUTC, SPRINTF, ISPRINT, CALLOC, QSORT, MEMMOVE, STRNCMP, FCLOSE	None
EKGTC000	CEESG003, IBMRINP1, CEEBETBL, CEEROOTA, CEEOPIPI, CEESG010, IBMSEATA, IBMSEATA, IBMBPIRA, IBMBPIRB, IBMBPIRC, EKGPLI, IBMLLIST, IBMBCACA, IBMBCBCA, IBMCCCCA, IBMBCGZA, IBMCHFD, IBMBCVDY, IBMBCWDH, IBMBSDOA, IBMBSIOA, IBMBSPLA, IBMBERCA, IBMBSGOA, IBMCKDD, CEESTART	None
EKGSPPI	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMLLIST	None
EKGVACTM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, MEMMOVE, STRNCPY, STRNCAT, STRNCMP, STRTOK, CNMINFC, CNMSCOP, CNMVAR, CNMVLC, SSCANF, FREE, MALLOC, CNMSMSG, VSPRINTF, DSIXCCC	None

Figure 78 (Page 2 of 3). Load Modules and Unresolved External References for JPZ8206

Load Modules	Unresolved External References	Action
EKGVCHGM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, ATOF, ATOI, STRTOUL, FREE STRNCAT, STRNCMP, STRTOK, SSCANF, TOUPPER, MALLOC, MEMMOVE, STRNCPY, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, ISXDIGIT, DSIEXCCC	None
EKGVCREM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOL, STRTOUL, STRNCAT, STRTOK, SSCANF, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, SPRINTF, TOUPPER, ISXDIGIT, CNMSMSG, VSPRINTF, DSIEXCCC	None
EKGVDELM, EKVLNKM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None
EKGVLOCM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRNCMP, STRTOK, SSCANF, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, FREE, MALLOC, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ISXDIGIT, DSIEXCCC	None
EKGVMETM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, MEMMOVE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None
EKGVQUEM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, FREE, STRNCAT, STRSTR, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, ASCTIME, LOCALTIM, SPRINTF, MALLOC, STRNCMP, CNMSMSG, ISPRINT, VSPRINTF, CNMVAR, CNMVLC, TOUPPER, ATOF, ATOI, DSIEXCCC	None

<i>Figure 78 (Page 3 of 3). Load Modules and Unresolved External References for JPZ8206</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
EKGVSUBM	IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, CEESG003, STRTOUL, STRNCAT, STRTOK, SSCANF, ISXDIGIT, MEMMOVE, STRNCPY, STRNCMP, CNMVAR, CNMVLC, CNMSMSG, VSPRINTF, SPRINTF, TOUPPER, DSIEXCCC	None
EKGCTIM	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMLLIST	None
EKGINIT	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMLLIST	None
EKGMIMV	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBCEDB, IBMBCODE, IBMCKDD, IBMCCAA, IBMCGZA, IBMCHFD, IBMCTHD, IBMBCUID, IBMLLIST, IBMCKDD	None
EKGNEQL, EKGNLST, EKGNOTF, EKGTHD	IBMBPIRA, IBMBPIRB, IBMBPIRC, PLIMAIN, IBMBBGKA, IBMGGBA, IBMLLIST	None

For FMID JPZ8240 all load modules listed in Figure 79 will be resolved during the APPLY of JPZ8240. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the C370 or LE/370 libraries. It will then link them a second time using the C370 or LE/370 libraries and resolve all external references.

<i>Figure 79 (Page 1 of 2). Load Modules and Unresolved External References for JPZ8240</i>		
<b>Load Modules</b>	<b>Unresolved External References</b>	<b>Action</b>
FLBCMDS	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FOPEN, FWRITE, FERROR, FCLOSE, MEMMOVE, STRNCPY, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, STRSPN, STRNCMP, SSCANF, TIME, STRTOUL, CEIL, FLOOR, STRLEN, DSIEXCCC	None

Figure 79 (Page 2 of 2). Load Modules and Unresolved External References for JPZ8240

Load Modules	Unresolved External References	Action
FLBGMCMC	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, SPRINTF, TIME, LOCALTIM, ATOI, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, SSCANF, ATOL, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FOPEN, FWRITE, FERROR, FCLOSE, MEMMOVE, STRNCOPY, CALLOC, STRTOK, STRNCMP, STRNCAT, STRTOUL, CEIL, FLOOR, STRLEN, DSIEXCCC	None
FLBGMCMGR	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, FOPEN, FCLOSE FGETS, STRNCMP, STRNCOPY, STRSPN, IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, SPRINTF, SSCANF, ATOI, TIME, LOCALTIM, STRSTR, ATOL, STRNCAT, VFPRINTF, VPRINTF, VSPRINTF, STRPBRK, FWRITE, FERROR, MEMMOVE, CALLOC STRTOK, STRTOUL, CEIL, FLOOR, STRLEN, DSIEXCCC	None
FLBTOPO	CEESG003, MALLOC, FPRINTF, FREE, REALLOC, FPUTS, FFLUSH, FGETS, MEMMOVE VFPRINTF, VPRINTF, VSPRINTF, STRPBRK FOPEN, FWRITE, FERROR, FCLOSE, STRNCOPY, CALLOC, STRTOK, MEMCOPY, MEMCMP, MEMSET, TOUPPER, STRCSPN, STRNCMP, STRSPN, STRNCAT IBMLLIST, IBMBPIRA, IBMBPIRB, IBMBPIRC, SSCANF, TIME, STRLEN, STRCPY, STRSTR, IDSIGIT, STRCHR, STRCAT, STRCMP, SPRINTF, EDC#EXIT, STRTOUL, CEIL, FLOOR, PRINTF, DSIEXCCC	None

For FMID JPZ8246 all load modules listed in Figure 80 will be resolved during the APPLY of JPZ8246. The unresolved external references that appear in the output are the result of SMP/E linking the module into its SMPLTS dataset without using any of the C370 or LE/370 libraries. It will then link them a second time using the C370 or LE/370 libraries and resolve all external references.

Figure 80. Load Modules and Unresolved External References for JPZ8246

Load Modules	Unresolved External References	Action
DUIFCRDC	CEESTART, CEESG003, EKGMAPI, FREE, MALLOC, EKGMANC, MEMSET, MEMCMP, MEMCPY, STRCPY, STRCMP, STRLEN, STRNCMP, SPRINTF, MEMMOVE, ATOI, IEANTRT, IEANTCR, IEANTDL, STRNCPY, STRNCAT	None
DUIFLOK2	CEESTART, CEESG003, FREE, MALLOC, EKGMANC, MEMMOVE, SPRINTF, EKGMAPI, STRNCMP, MEMCPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL	
DUIFLOK3	CEESTART, CEESG003, FREE, MALLOC, EKGMANC, SPRINTF, MEMMOVE, STRPBRK, EKGMAPI, MEMCPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL, STRNCPY, STRNCAT, STRTOK	None
DUIFVIEW	CEESTART, CEESG003, EKGMAPI, SPRINTF, FREE, MALLOC, EKGMANC, MEMMOVE, ATOI, IEANTRT, IEANTCR, IEANTDL, TOUPPER, STRTOK, @@TRT, STRNCPY, STRNCAT, QSORT, BSEARCH, MEMCPY, MEMCMD, MEMSET	None
FLBTRNMM	CEESG003, CEESTART	None
FLBTRST	CEESG003, CEESTART, FREE, MALLOC, SPRINTF, MEMMOVE, MEMCPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL	None
FLBTRUS	CEESG003, CEESTART, FREE, MALLOC, SPRINTF, MEMMOVE, ATOI, IEANTRT, IEANTCR, IEANTDL	None
FLBTREV	CEESG003, CEESTART, FREE, MALLOC, STRCSPN, STRNCMP, SPRINTF, MEMMOVE, MEMCPY, MEMSET, MEMCMP, ATOI, IEANTRT, IEANTCR, IEANTDL	None
DUIFBS	IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, DSIEXPPP	None
DUIFBR	EKGUAPI, IBMBPIRA, IBMBPIRB, IBMBPIRC, IBMLLIST, DSIEXPPP	None

## 8.1.6 ACCEPT TME 10 NetView for OS/390 Version 1 Release 1

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 1, you will need to let SMP remove the old NetView or NCCF from those distribution libraries at ACCEPT time.

Each ACCEPT job supplied in NETVIEW.V1R1M0.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 81 to determine which jobs you should run.

Figure 81. Which ACCEPT Jobs to Run

System ordered	ACCEPT jobs to run	FMIDS applied
Unattended	CNMJAC04*	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206
Procedural	CNMJAC04* CNMJAC24	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224
Graphical Enterprise	CNMJAC04* CNMJAC24 CNMJAC44	HPZ8200 JPZ8201 JPZ8202 JPZ8203 JPZ8204 JPZ8206 JPZ8220 JPZ8224 JPZ8240 JPZ8244 JPZ8246

**Note:** You will need to select either JPZ8201/JPZ8202 or JPZ8203 depending on whether you ordered the C/370 or LE/370 versions of TME 10 NetView for OS/390 Version 1 Release 1.

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

Figures 82 through 84 show the ACCEPT samples.

```

//CNMJAC04 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                     **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.       **
//**      ALL RIGHTS RESERVED.                       **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS     **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE:  CNMJAC04                       **
//**
//**      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 US ENGLISH      **
//**      TME 10 NETVIEW PROCEDURAL US ENGLISH      **
//**      TME 10 NETVIEW GRAPICAL ENTERPRISE US ENGLISH **
//**
//**      NOTE:                                       **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                     **
//**          1. YOUR SMP/E PROC                       **
//**          2. YOUR 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.                  **
//**

```

Figure 82 (Part 1 of 2). CNMJAC04

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****
/**      *****
//CNMJAC04 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
/* <==3 FMIDS      */
HPZ8200 /* TME 10 NETVIEW UNATTENDED BASE      */
JPZ8201 /* TME 10 NETVIEW UNATTENDED PL/I      */
JPZ8202 /* TME 10 NETVIEW UNATTENDED C/370     */
JPZ8203 /* TME 10 NETVIEW UNATTENDED LE/370    */
JPZ8204 /* TME 10 NETVIEW UNATTENDED ENGLISH  */
JPZ8206 /* TME 10 NETVIEW UNATTENDED METHODS  */
)
/* CHECK      /* 4 <== CHECK OPERAND      */
.
/*
//

```

Figure 82 (Part 2 of 2). CNMJAC04



```

//CNMJAC24 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//**      LICENSED MATERIALS - PROPERTY OF IBM      **
//**      5697-B82                                  **
//**      (C) COPYRIGHT IBM CORP. 1986, 1997.      **
//**      ALL RIGHTS RESERVED.                      **
//**
//**      US GOVERNMENT USERS RESTRICTED RIGHTS    **
//**      - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**      GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**      PROCEDURE:  CNMJAC24                      **
//**
//**      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 US ENGLISH      **
//**      TME 10 NETVIEW GRAPHICAL ENTERPRISE US ENGLISH **
//**
//**      NOTE:                                       **
//**      ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//**      AS REQUIRING CUSTOMIZATION.  PARAMETERS AND **
//**      KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//**      IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**      JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**      JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**      CUSTOMIZATION INCLUDE:                      **
//**          1. YOUR SMP/E PROC                      **
//**          2. YOUR 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.                  **
//**

```

Figure 83 (Part 1 of 2). CNMJAC24

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **                                                  **
/**      ACTIVITY:                                          **
/**      **                                                  **
/**      *****
/**      *****
//CNMJAC24 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCNTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
/* <==3 FMIDS      */
JPZ8220 /* TME 10 NETVIEW PROCEDURAL BASE      */
JPZ8224 /* TME 10 NETVIEW PROCEDURAL ENGLISH  */
)
/* CHECK      /* 4 <== CHECK OPERAND      */
.
/*
//

```

Figure 83 (Part 2 of 2). CNMJAC24

```

//CNMJAC44 JOB 'ACCOUNTING INFORMATION','SMP/E R8 ACCEPT',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//**
//** LICENSED MATERIALS - PROPERTY OF IBM **
//** 5697-B82 **
//** (C) COPYRIGHT IBM CORP. 1986, 1997. **
//** ALL RIGHTS RESERVED. **
//**
//** US GOVERNMENT USERS RESTRICTED RIGHTS **
//** - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//** GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//** PROCEDURE: CNMJAC44 **
//**
//** 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 GRAPHICAL ENTERPRISE US ENGLISH **
//**
//** NOTE: **
//** ARROWS "<==" POINT TO LINES WHICH ARE RECOGNIZED **
//** AS REQUIRING CUSTOMIZATION. PARAMETERS AND **
//** KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//** IN LOWER CASE TO MAKE THEM EASIER TO FIND. ALL **
//** JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//** JOB TO AVOID A JCL ERROR. SPECIFIC ITEMS NEEDING **
//** CUSTOMIZATION INCLUDE: **
//** 1. YOUR SMP/E PROC **
//** 2. YOUR 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. **
//**

```

Figure 84 (Part 1 of 2). CNMJAC44

```

/**      >>>> BE SURE TO CHECK THAT THE FMIDS THAT YOU      **
/**      >>>> RECEIVED AND APPLIED MATCH THE ONES THAT      **
/**      >>>> YOU ARE ABOUT TO ACCEPT.                      **
/**      **
/**      ACTIVITY:                                          **
/**      **
/**      *****
/**      *****
//CNMJAC44 EXEC cnmjsmpe                                <==1 YOUR SMP/E PROC
//SMPCTL DD *
SET      BDY(dlib1) .                                  /* <==2 YOUR DLIB ZONE*/
ACCEPT SELECT
(
/* <==3 FMIDS      */
JPZ8240 /* TME 10 NETVIEW ENTERPRISE BASE              */
JPZ8244 /* TME 10 NETVIEW ENTERPRISE ENGLISH          */
JPZ8246 /* TME 10 NETVIEW ENTERPRISE RODM METHODS    */
)
/* CHECK      /* 4 <== CHECK OPERAND      */
.
/*
//

```

Figure 84 (Part 2 of 2). CNMJAC44

### 8.1.6.1 Subdividing the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 1

If you wish, you may ACCEPT TME 10 NetView for OS/390 Version 1 Release 1 FMIDs one at a time by successively running the ACCEPT job with only one FMID specified in the SELECT option. By ACCEPTing each FMID in a separate job, you will make each of the jobs run in a shorter period of time than if you ACCEPTed all the FMIDs together.

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

You should do either 8.1.6.2.1, “Deleting a Previous Release of NCCF or NetView” or 8.1.6.2.2, “Running with a Previous Release of NCCF or NetView” on page 189, but not both.

**8.1.6.2.1 Deleting a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF into system libraries and you will reuse those libraries with TME 10 NetView for OS/390 Version 1 Release 1, but you do NOT want to continue using this release after your V3R2 install, you will need to let SMP remove the old NetView or NCCF from those libraries when SMP installs TME 10 NetView for OS/390 Version 1 Release 1.

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

- You will have to run your ACCEPT job using your old NetView or NCCF libraries and SMP zone.

- Since TME 10 NetView for OS/390 Version 1 Release 1 no longer uses the libraries NLOADLIB, ABNJMOD1 and AOS27, you will have to provide access to the old NetView or NCCF NLOADLIB, ABNJMOD1, and AOS27 in your ACCEPT job so SMP can remove the old NetView or NCCF from these libraries. This access can either be provided via SMP/E DDDEFs or DD statements. Figure 85 on page 189 shows an example of possible DD statements. Figure 86 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 85. 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 86. Sample DDDEF Statements for NLOADLIB, ABNJMOD1, and AOS27

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

**8.1.6.2.2 Running with a Previous Release of NCCF or NetView:** If you have previously installed NetView or NCCF and you plan to continue using this release after your V3R2 install, you MUST use separate SMP distribution zones for your NetView MVS/ESA install.

When your migration is complete and you wish to delete your previous release of NCCF or NetView, you may run the dummy SMP job to delete the old distribution libraries from the previous release's CSI zone. This assumes you have installed TME 10 NetView for OS/390 Version 1 Release 1 in a separate CSI from the previous release. This process is described in 8.1.5.2.2, "Running with a Previous Release of NCCF or NetView" on page 163 and the jobs provided perform the receive, apply, and accept steps.

### **8.1.6.3 Running and Verifying the ACCEPT of TME 10 NetView for OS/390 Version 1 Release 1**

Run the accept jobs for TME 10 NetView for OS/390 Version 1 Release 1. Each job should end with a condition code of 0. If the condition code for any job is not 0, then analyze the reports from the ACCEPT and take whatever action is necessary to resolve the errors. The analysis of ACCEPT reports is covered in detail in *SMP/E User's Guide*.

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

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

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

---

## **8.2 Activating TME 10 NetView for OS/390 Version 1 Release 1**

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

## Appendix A. Install Logic

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 HPZ8200 follow:

```
++FUNCTION(HPZ8200) FESN(0504049) REWORK(1997020) FILES(7)
  RFDSPFX(IBM) /* DATE=01/20/97 TIME=12.15.04 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038)
  DELETE(HPZ8100,HPZ8130,H08S100,HRB1100,
    HXYZ400,HQJ4100,HXYZ300,HVWW300,HXYZ200,HVWW200,HXYZ101,
    HXYZ100,HVWW101,HVWW100,HVNW140,HNV1303,HNV1203,HNV1202,
    HNV1103,HVN1102,HNO1102,HCS1102,HCS1302,HCS1502,HCS2102,
    HCS2202,HCS2203,HLD1100,HLD1200,HLD1302,HLD1303,HPD2100,
    HPD3100,HPD3200,HPJ3202,JPD2103,JPD3110,JPD3210,JPJ3210,
    HFLC100,HFLC200,HFLC300,HFLC400,
    HLR6110,UN13355,HLR6200,
    HML6110,JML6100,JML6101,HML6111,
    H080100,J080101,J080103,J080104,
    J080106,J080107,J080109,J080110)
  SUP(HPZ8100,HPZ8130,H08S100,HRB1100,
    HXYZ400,HQJ4100,HXYZ300,HVWW300,HXYZ200,HVWW200,HXYZ101,
    HXYZ100,HVWW101,HVWW100,HVNW140,HNV1303,HNV1203,HNV1202,
    HNV1103,HVN1102,HNO1102,HCS1102,HCS1302,HCS1502,HCS2102,
    HCS2202,HCS2203,HLD1100,HLD1200,HLD1302,HLD1303,HPD2100,
    HPD3100,HPD3200,HPJ3202,JPD2103,JPD3110,JPD3210,JPJ3210,
    HFLC100,HFLC200,HFLC300,HFLC400,
    HLR6110,UN13355,HLR6200,
    HML6110,JML6100,JML6101,HML6111,
    H080100,J080101,J080103,J080104,
    J080106,J080107,J080109,J080110)
.
++JCLIN RELFILE(1) CALLLIBS.
```

Figure 87. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 HPZ8200

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8201 follow:

```
++FUNCTION(JPZ8201) FESN(0504049) REWORK(1997020) FILES(2)
  RFDSNPF(X)IBM) /* DATE=01/20/97 TIME=15.26.20 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
  NPRES(JPZ8203)
.
++JCLIN RELFILE(1) CALLLIBS.
```

Figure 88. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8201

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8202 follow:

```
++FUNCTION(JPZ8202) FESN(0504049) REWORK(1997020) FILES(2)
  RFDSNPF(X)IBM) /* DATE=01/20/97 TIME=16.17.31 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
  NPRES(JPZ8203)
.
++JCLIN RELFILE(1) CALLLIBS.
```

Figure 89. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8202



The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8203 follow:

```
++FUNCTION(JPZ8203) FESN(0504049) REWORK(1997021) FILES(2)
  RFDSNPF(X) IBM) /* DATE=01/21/97 TIME=09.37.19 */
/*****
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
*****/
.
++VER(Z038) FMID(HPZ8200)
  NPRES(JPZ8201,JPZ8202)
.
++JCLIN RELFILE(1) CALLLIBS.
```

Figure 90. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8203

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8204 follow:

```
++FUNCTION(JPZ8204) FESN(0504049) REWORK(1997020) FILES(5)
  RFDSNPF(X) IBM) /* DATE=01/20/97 TIME=17.31.47 */
/*****
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
*****/
.
++VER(Z038) FMID(HPZ8200)
.
++JCLIN RELFILE(1).
```

Figure 91. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8204

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8206 follow:

```
++FUNCTION(JPZ8206) FESN(0504049) REWORK(1997021) FILES(3)
  RFDSNPF(X) IBM) /* DATE=01/21/97 TIME=09.00.55 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
.
++JCLIN RELFILE(1) CALLLIBS.
```

Figure 92. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8206

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8220 follow:

```
++FUNCTION(JPZ8220) FESN(0504049) REWORK(1997021) FILES(1)
  RFDSNPF(X) IBM) /* DATE=01/21/97 TIME=10.50.35 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
.
```

Figure 93. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8220

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8224 follow:

```

++FUNCTION(JPZ8224) FESN(0504049) REWORK(1997020) FILES(1)
  RFDSNPFX(IBM) /* DATE=01/20/97 TIME=12.37.38 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
  PRE(JPZ8220)
.

```

Figure 94. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8224

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8240 follow:

```

++FUNCTION(JPZ8240) FESN(0504049) REWORK(1997021) FILES(5)
  RFDSNPFX(IBM) /* DATE=01/21/97 TIME=11.20.53 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
.
++JCLIN RELFILE(1) CALLLIBS.

```

Figure 95. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8240

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8244 follow:

```

++FUNCTION(JPZ8244) FESN(0504049) REWORK(1997021) FILES(1)
  RFDSNPF(X) IBM) /* DATE=01/21/97 TIME=13.25.00 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
  PRE(JPZ8240)
.

```

Figure 96. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8244

The SMP/E MCS statements up to and including the ++JCLIN statement for TME 10 NetView for OS/390 Version 1 Release 1 JPZ8246 follow:

```

++FUNCTION(JPZ8246) FESN(0504049) REWORK(1997021) FILES(3)
  RFDSNPF(X) IBM) /* DATE=01/21/97 TIME=15.02.38 */
/*****/
/* THIS PRODUCT CONTAINS "RESTRICTED MATERIALS OF IBM" */
/* 5697-B82 (C) COPYRIGHT IBM CORP. 1986, 1997 */
/* ALL RIGHTS RESERVED. */
/* US GOVERNMENT USERS RESTRICTED RIGHTS - USE, */
/* DUPLICATION OR DISCLOSURE RESTRICTED BY */
/* GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. */
/* LICENSED MATERIALS - PROPERTY OF IBM */
/*****/
.
++VER(Z038) FMID(HPZ8200)
.
++JCLIN RELFILE(1) CALLLIBS.

```

Figure 97. Installation Logic for IBM TME 10 NetView for OS/390 Version 1 Release 1 JPZ8246

To unload the remainder of the SMP/E MCS for TME 10 NetView for OS/390 Version 1 Release 1 sample CNMJUMCS, provided in NETVIEW.V1R1M0.INSTALL can be used.

```
//CNMJUMCS JOB 'ACCOUNTING INFORMATION','PROGRAMMER NAME',
// CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1)
//*****
//*****
//**
//**
//**    LICENSED MATERIALS - PROPERTY OF IBM    **
//**    5697-B82                                **
//**    (C) COPYRIGHT IBM CORP. 1986, 1997.    **
//**    ALL RIGHTS RESERVED.                   **
//**
//**    US GOVERNMENT USERS RESTRICTED RIGHTS   **
//**    - USE, DUPLICATION OR DISCLOSURE RESTRICTED BY **
//**    GSA ADP SCHEDULE CONTRACT WITH IBM CORPORATION. **
//**
//**
//**    PROCEDURE:  CNMJUMCS                    **
//**
//**    FUNCTION:                               **
//**    PRINTS THE INSTALL LOGIC (SMP/E MCS) FROM THE **
//**    PRODUCT TAPES                           **
//**
//**    NOTE:                                   **
//**    ARROWS "<==<=" POINT TO LINES WHICH ARE RECOGNIZED **
//**    AS REQUIRING CUSTOMIZATION.  PARAMETERS AND **
//**    KEYWORDS NEEDING TO BE CUSTOMIZED ARE ENTERED **
//**    IN LOWER CASE TO MAKE THEM EASIER TO FIND.  ALL **
//**    JCL MUST BE IN UPPER CASE BEFORE SUBMITTING THE **
//**    JOB TO AVOID A JCL ERROR.  SPECIFIC ITEMS NEEDING **
//**    CUSTOMIZATION INCLUDE:                  **
//**          1. YOUR TAPE UNIT                 **
//**          2. UNCOMMENT LINE FOR MCS DESIRED **
//**
//**    EXPECTED COND CODE: 0000                **
//**
//**    ACTIVITY:                              **
//**
//*****
```

Figure 98 (Part 1 of 2). CNMJUMCS

```

//*****
//*
//PSMPMCS   PROC VOLSER=           DISTRIBUTION TAPE VOLSER
//CNMJXLGC  EXEC PGM=IEBGENER
//SYSPRINT  DD DUMMY
//SYSUT1    DD DSN=SMPMCS,VOL=SER=&VOLSER.,
//          UNIT=TAPE,DISP=OLD,   <==1 TAPE UNIT
//          LABEL=(1,SL)
//SYSUT2    DD SYSOUT=A
//SYSIN     DD DUMMY
//          PEND
//*****
//* UNCOMMENT EACH OF THE STEPS THAT CORRESPOND TO A PART
//* OF NETVIEW THAT YOU ARE INSTALLING AND WOULD LIKE TO VIEW
//* THE INSTALLATION LOGIC FOR.
//*****
//*PZ8200   EXEC PSMPMCS,VOLSER=PZ8200 NETVIEW UNATTENDED BASE
//*PZ8201   EXEC PSMPMCS,VOLSER=PZ8200 NETVIEW UNATTENDED PL/I
//*PZ8202   EXEC PSMPMCS,VOLSER=PZ8200 NETVIEW UNATTENDED C/370
//*PZ8203   EXEC PSMPMCS,VOLSER=PZ8200 NETVIEW UNATTENDED LE/370
//*PZ8204   EXEC PSMPMCS,VOLSER=PZ8200 NETVIEW UNATTENDED ENG.
//*PZ8206   EXEC PSMPMCS,VOLSER=PZ8200 NETVIEW UNATTENDED METHDS
//*PZ8220   EXEC PSMPMCS,VOLSER=PZ8220 NETVIEW PROCEDURAL BASE
//*PZ8224   EXEC PSMPMCS,VOLSER=PZ8220 NETVIEW PROCEDURAL ENG.
//*PZ8240   EXEC PSMPMCS,VOLSER=PZ8240 NETVIEW ENTERPRISE BASE
//*PZ8244   EXEC PSMPMCS,VOLSER=PZ8240 NETVIEW ENTERPRISE ENG.
//*PZ8246   EXEC PSMPMCS,VOLSER=PZ8240 NETVIEW ENTERPRISE METHDS

```

Figure 98 (Part 2 of 2). CNMJUMCS

If you ordered TME 10 NetView for OS/390 Version 1 Release 1 as an individual product (not in CBIPO or CBPDO), then the entire set of SMP/E modification control statements for the installation can be obtained by printing the first file of the TME 10 NetView for OS/390 Version 1 Release 1 program tape.

---

## 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 1:

OW24414	OW14136	OW13868	OW16467
OW24130	OW11846	OW15610	OW17008
OW24536	OW14740	OW14818	OW16554
OW24558	OW14424	OW14842	OW15683
OW24559	OW14329	OW15363	OW16859
OW22271	OW14614	OW14228	OW16861
OW25007	OW14768	OW14360	OW17009
OW24714	OW13971	OW14666	OW16472
OW24809	OW14117	OW15575	OW16688
OW25072	OW14383	OW14628	OW16689
OW23540	OW14646	OW15184	OW16671
OW24810	OW14040	OW15682	OW15677
OW13432	OW06251	OW12831	OW16816
OW13747	OW14921	OW15483	OW14178
OW13715	OW13416	OW15672	OW16815
OW13907	OW12141	OW16379	OW17250
OW11239	OW13912	OW15522	OW16958
OW10168	OW14537	OW14918	OW16835
OW12859	OW13801	OW15742	OW17353
OW14183	OW13409	OW16031	OW17601
OW14335	OW14710	OW16489	OW16334
OW09481	OW14919	OW16393	OW14693
OW13169	OW14665	OW15024	OW17566
OW12663	OW14667	OW13009	OW17268
OW12672	OW13436	OW14340	OW16988
OW12993	OW14243	OW16677	OW18049
OW13713	OW14238	OW16822	OW17415
OW14327	OW14957	OW14694	OW17598
OW07848	OW15106	OW16351	OW18206
OW14414	OW14879	OW16542	OW18141
OW14200	OW15482	OW13557	OW16993
OW13561	OW15063	OW16597	OW17693
OW14338	OW14996	OW16599	OW18238
OW14349	OW13757	OW11242	OW17725
OW14123	OW15285	OW15917	OW17813
OW14629	OW14023	OW15254	OW17174
OW12900	OW14284	OW15524	OW16005
OW14438	OW14859	OW13240	OW15101
OW14884	OW14967	OW15217	OW17457

OW17544	OW19361	OW20171	OW21181
OW18147	OW19067	OW20343	OW21222
OW13647	OW18251	OW20348	OW21271
OW18023	OW19480	OW17205	OW21380
OW18281	OW19078	OW18153	OW17283
OW16216	OW16461	OW18780	OW18950
OW17983	OW16300	OW19173	OW20558
OW18521	OW19438	OW20408	OW20712
OW18042	OW18899	OW20619	OW21456
OW18722	OW17959	OW20281	OW21708
OW17347	OW19666	OW20419	OW21526
OW18279	OW17175	OW20448	OW20808
OW18244	OW15792	OW20088	OW20588
OW18203	OW19786	OW20396	OW20648
OW18777	OW19914	OW17985	OW15485
OW17801	OW19347	OW20113	OW14706
OW17735	OW19504	OW20379	OW20493
OW18810	OW19738	OW20652	OW20621
OW18761	OW19634	OW19906	OW17393
OW18808	OW19611	OW20122	OW18633
OW18245	OW18151	OW18902	OW20649
OW17664	OW19549	OW20878	OW19696
OW18807	OW18008	OW18701	OW22071
OW17593	OW18741	OW17837	OW21912
OW18609	OW19835	OW20963	OW19895
OW17592	OW19535	OW17414	OW17485
OW19084	OW19593	OW19952	OW20351
OW18690	OW19699	OW20123	OW21961
OW19070	OW19792	OW20547	OW21895
OW18612	OW18262	OW21355	OW19788
OW18627	OW18240	OW20595	OW20189
OW18658	OW17224	OW19203	OW21727
OW18000	OW19532	OW19317	OW22034
OW18868	OW17644	OW21433	OW22306
OW19017	OW17053	OW21441	OW21329
OW18873	OW19575	OW18726	OW21331
OW18889	OW19383	OW21375	OW22317
OW17062	OW16817	OW21396	OW22186
OW19227	OW20188	OW20380	OW20908
OW19418	OW19243	OW20300	OW21922
OW19443	OW20071	OW16239	OW19856
OW16544	OW20325	OW14664	OW22242
OW18909	OW16945	OW20563	OW19627
OW19039	OW17394	OW19762	OW22414
OW18838	OW20335	OW21597	OW22654
			OW22070



OW22308	OW20402	OW00096	OW00751
OW22196	OW23277	OW00100	OW00766
OW20769	OW23003	OW00102	OW00770
OW21060	OW23023	OW00127	OW00771
OW22377	OW21873	OW00175	OW00772
OW22762	OW23630	OW00182	OW00773
OW22574	OW22361	OW00214	OW00811
OW22777	OW21821	OW00220	OW00827
OW22792	OW22043	OW00224	OW00845
OW20791	OW23101	OW00226	OW00874
OW22761	OW23103	OW00228	OW00875
OW18959	OW18340	OW00229	OW00876
OW21077	OW23422	OW00272	OW00878
OW22651	OW23263	OW00274	OW00880
OW22763	OW14571	OW00275	OW00882
OW22765	OW19085	OW00285	OW00903
OW22727	OW19585	OW00287	OW00910
OW20599	OW23847	OW00290	OW00919
OW22866	OW21984	OW00294	OW00924
OW22104	OW22847	OW00296	OW00925
OW21854	OW23155	OW00298	OW00927
OW21925	OW24117	OW00326	OW00930
OW21901	OW23379	OW00376	OW00977
OW21890	OW24209	OW00384	OW00981
OW22715	OW23661	OW00392	OW01051
OW23197	OW23098	OW00404	OW01052
OW22280	OW24210	OW00406	OW01063
OW20148	OW19282	OW00410	OW01101
OW21762	OW23591	OW00479	OW01128
OW22726	OW24344	OW00481	OW01143
OW23066	OW23790	OW00499	OW01144
OW23067	OW24054	OW00523	OW01145
OW23213	OW24451	OW00559	OW01153
OW23291	OW24414	OW00563	OW01185
OW22918	OW11530	OW00591	OW01202
OW21416	OW13764	OW00606	OW01203
OW21318	OW15074	OW00610	OW01204
OW22953	OW15535	OW00635	OW01221
OW22396	OW15200	OW00645	OW01237
OW22227	OW14181	OW00649	OW01239
OW23482	OW16751	OW00652	OW01258
OW21564	OW18378	OW00668	OW01259
OW21671	OW18901	OW00673	OW01262
OW20618	OW00072	OW00723	OW01269
OW23215	OW00095	OW00733	OW01270
			OW01274

OW01276	OW01757	OW02465	OW03035
OW01287	OW01792	OW02478	OW03036
OW01304	OW01811	OW02479	OW03056
OW01324	OW01812	OW02480	OW03078
OW01339	OW01814	OW02494	OW03107
OW01349	OW01862	OW02500	OW03115
OW01350	OW01879	OW02511	OW03117
OW01367	OW01887	OW02547	OW03134
OW01369	OW01895	OW02550	OW03153
OW01387	OW01896	OW02620	OW03163
OW01404	OW01897	OW02624	OW03164
OW01407	OW01900	OW02633	OW03166
OW01413	OW01918	OW02635	OW03181
OW01417	OW01919	OW02651	OW03218
OW01444	OW01951	OW02653	OW03230
OW01445	OW01961	OW02654	OW03270
OW01446	OW01964	OW02656	OW03271
OW01467	OW01965	OW02683	OW03281
OW01481	OW01966	OW02700	OW03285
OW01485	OW01967	OW02708	OW03291
OW01486	OW01972	OW02738	OW03341
OW01487	OW02018	OW02740	OW03362
OW01488	OW02026	OW02752	OW03373
OW01490	OW02034	OW02761	OW03374
OW01491	OW02038	OW02766	OW03381
OW01492	OW02048	OW02779	OW03391
OW01521	OW02081	OW02803	OW03399
OW01557	OW02082	OW02838	OW03488
OW01567	OW02086	OW02844	OW03527
OW01586	OW02104	OW02889	OW03556
OW01588	OW02105	OW02902	OW03656
OW01602	OW02107	OW02903	OW03721
OW01607	OW02138	OW02912	OW03732
OW01612	OW02150	OW02926	OW03736
OW01641	OW02241	OW02927	OW03762
OW01650	OW02251	OW02928	OW03772
OW01672	OW02269	OW02930	OW03775
OW01679	OW02276	OW02931	OW03805
OW01681	OW02281	OW02943	OW03830
OW01684	OW02291	OW02960	OW03914
OW01685	OW02319	OW02976	OW03918
OW01692	OW02338	OW02990	OW03934
OW01697	OW02339	OW02995	OW03968
OW01737	OW02437	OW02996	OW03978
OW01738	OW02449	OW03029	OW03982
			OW03998

OW04039	OW04860	OW05847	OW06751
OW04042	OW04864	OW05858	OW06754
OW04043	OW04883	OW05932	OW06789
OW04045	OW04932	OW05978	OW06791
OW04046	OW04984	OW05990	OW06794
OW04059	OW04985	OW05995	OW06848
OW04071	OW05011	OW06005	OW06876
OW04144	OW05054	OW06016	OW06893
OW04177	OW05058	OW06017	OW06955
OW04188	OW05064	OW06045	OW06988
OW04213	OW05153	OW06051	OW06991
OW04226	OW05192	OW06130	OW07007
OW04231	OW05196	OW06174	OW07024
OW04244	OW05207	OW06219	OW07025
OW04260	OW05249	OW06233	OW07054
OW04273	OW05257	OW06252	OW07062
OW04318	OW05266	OW06255	OW07063
OW04325	OW05280	OW06257	OW07099
OW04383	OW05289	OW06280	OW07109
OW04390	OW05290	OW06335	OW07116
OW04391	OW05297	OW06342	OW07122
OW04426	OW05298	OW06344	OW07137
OW04441	OW05368	OW06384	OW07203
OW04477	OW05382	OW06398	OW07217
OW04478	OW05385	OW06432	OW07218
OW04570	OW05401	OW06438	OW07221
OW04594	OW05402	OW06474	OW07224
OW04609	OW05413	OW06477	OW07225
OW04614	OW05418	OW06491	OW07229
OW04623	OW05427	OW06522	OW07273
OW04636	OW05430	OW06527	OW07310
OW04750	OW05459	OW06535	OW07339
OW04755	OW05490	OW06555	OW07341
OW04790	OW05493	OW06577	OW07352
OW04797	OW05532	OW06578	OW07354
OW04799	OW05565	OW06585	OW07361
OW04802	OW05576	OW06600	OW07395
OW04804	OW05578	OW06637	OW07432
OW04805	OW05612	OW06665	OW07435
OW04815	OW05647	OW06668	OW07450
OW04822	OW05712	OW06671	OW07539
OW04842	OW05768	OW06723	OW07563
OW04848	OW05785	OW06724	OW07594
OW04850	OW05816	OW06729	OW07638
OW04853	OW05822	OW06732	OW07665
			OW07690

OW07694	OW09121	OW10212	OW11432
OW07704	OW09129	OW10219	OW11496
OW07767	OW09159	OW10230	OW11503
OW07827	OW09242	OW10261	OW11687
OW07829	OW09243	OW10307	OW11695
OW07881	OW09257	OW10321	OW11748
OW07886	OW09347	OW10370	OW11794
OW07930	OW09350	OW10420	OW11820
OW07933	OW09364	OW10458	OW11821
OW07940	OW09380	OW10492	OW11842
OW08133	OW09439	OW10494	OW12222
OW08178	OW09451	OW10510	OW12305
OW08194	OW09560	OW10590	OW12307
OW08239	OW09566	OW10603	OW12327
OW08285	OW09576	OW10612	OW12369
OW08311	OW09595	OW10622	OW12474
OW08329	OW09597	OW10684	OW12915
OW08399	OW09613	OW10685	OY15077
OW08426	OW09616	OW10731	OY19487
OW08431	OW09647	OW10775	OY20039
OW08450	OW09662	OW10818	OY20406
OW08520	OW09665	OW10830	OY20532
OW08549	OW09681	OW10865	OY21339
OW08595	OW09682	OW10899	OY21428
OW08626	OW09707	OW10913	OY21453
OW08652	OW09779	OW11033	OY21758
OW08670	OW09796	OW11052	OY21781
OW08673	OW09800	OW11053	OY21830
OW08701	OW09817	OW11062	OY22096
OW08706	OW09855	OW11088	OY22144
OW08714	OW09911	OW11100	OY22276
OW08790	OW09917	OW11101	OY22317
OW08852	OW09923	OW11104	OY22361
OW08867	OW09924	OW11127	OY22395
OW08915	OW09925	OW11185	OY22439
OW08927	OW09926	OW11225	OY22464
OW08969	OW09927	OW11253	OY22501
OW08973	OW09991	OW11335	OY22722
OW08974	OW10028	OW11368	OY22745
OW08994	OW10040	OW11369	OY22747
OW09016	OW10041	OW11379	OY22765
OW09043	OW10115	OW11397	OY22781
OW09070	OW10150	OW11407	OY22842
OW09084	OW10162	OW11408	OY22844
OW09095	OW10201	OW11415	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  
OY68048

OY68050  
OY68051

OY68057  
OY68084

# Reader's Comments

## TME 10 NetView for OS/390 Version 1 Release 1 for MVS/ESA

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

What order media was this product received?

- CBIPO
- CBPDO
- 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







Program Number: 5697-B82 5841/5842  
5821/5822  
5801/5802

Printed in U.S.A.

XXXX-YYYY-ZZ

