



**Program Directory for
IBM DB2 UDB Server for z/OS
QMF Enterprise Edition
National Language Version**

V08.01.00

Program Number 5625-DB2

for Use with
z/OS

Document Date: March 2004

GI10-8564-00

Note!

Before using this information and the product it supports, be sure to read the general information under 7.0, "Notices" on page 65.

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Contents

1.0 Introduction	1
1.1 QMF Enterprise Edition National Language Version Description	2
1.2 QMF Enterprise Edition National Language Version FMIDs	3
2.0 Program Materials	5
2.1 Basic Machine-Readable Material	5
2.2 Optional Machine-Readable Material	12
2.3 Program Publications	12
2.3.1 Basic Program Publications	12
2.3.2 Optional Program Publications	15
2.4 Program Source Materials	15
2.5 Publications Useful During Installation	16
3.0 Program Support	17
3.1 Program Services	17
3.2 Preventive Service Planning	17
3.3 Statement of Support Procedures	18
4.0 Program and Service Level Information	19
4.1 Program Level Information	19
4.2 Service Level Information	19
5.0 Installation Requirements and Considerations	20
5.1 Driving System Requirements	20
5.1.1 Machine Requirements	20
5.1.2 Programming Requirements	20
5.2 Target System Requirements	21
5.2.1 Machine Requirements	21
5.2.2 Programming Requirements	21
5.2.2.1 Installation Requisites	21
5.2.2.2 Operational Requisites	22
5.2.2.3 Toleration/Coexistence Requisites	23
5.2.2.4 Incompatibility (Negative) Requisites	23
5.2.3 DASD Storage Requirements	23
5.3 FMIDs Deleted	37
5.4 Special Considerations	37
6.0 Installation Instructions	38
6.1 Installing QMF Enterprise Edition National Language Version	38
6.1.1 SMP/E Considerations for Installing QMF Enterprise Edition National Language Version	38
6.1.2 SMP/E Options Subentry Values	39
6.1.3 SMP/E CALLLIBS Processing	39

6.1.4 SMP/E CALLLIBS and SIDE DECK PROCESSING	39
6.1.5 Sample Jobs	39
6.1.6 Allocate SMP/E CSI (Optional)	56
6.1.7 Initialize CSI zones (Optional)	57
6.1.8 Perform SMP/E RECEIVE	57
6.1.9 Allocate SMP/E Target and Distribution Libraries	58
6.1.10 Allocate HFS Paths	58
6.1.11 Create DDDEF Entries	59
6.1.12 Perform SMP/E APPLY	59
6.1.13 Perform SMP/E ACCEPT	61
6.1.14 Run REPORT CROSSZONE	62
6.2 Activating QMF Enterprise Edition National Language Version	62
7.0 Notices	65
7.1 Trademarks	66
Reader's Comments	67

Figures

1. Program File Content - QMF TSO/CICS	6
2. Program File Content - QMF HPO	6
3. Program File Content for - QMF WebSphere z/OS	6
4. Program File Content - QMF TSO/CICS Upper Case English	7
5. Program File Content - QMF TSO/CICS Danish	7
6. Program File Content - QMF TSO/CICS French	8
7. Program File Content - QMF TSO/CICS German	8
8. Program File Content - QMF TSO/CICS Italian	8
9. Program File Content - QMF TSO/CICS Japanese	9
10. Program File Content - QMF TSO/CICS Korean	9
11. Program File Content - QMF TSO/CICS Brazilian Portuguese	10
12. Program File Content - QMF TSO/CICS Spanish	10
13. Program File Content - QMF TSO/CICS Swedish	10
14. Program File Content - QMF TSO/CICS Swiss French	11
15. Program File Content - QMF TSO/CICS Swiss German	11
16. Program File Content - QMF TSO/CICS Canadian French	12
17. Basic Material: Other Unlicensed or Licensed Publications	12
18. Basic Material: Other Unlicensed or Licensed Publications - French	13
19. Basic Material: Other Unlicensed or Licensed Publications - German	13
20. Basic Material: Other Unlicensed or Licensed Publications - Italian	14
21. Basic Material: Other Unlicensed or Licensed Publications - Japanese	14
22. Basic Material: Other Unlicensed or Licensed Publications - Korean	14

23.	Basic Material: Other Unlicensed or Licensed Publications - Brazilian Portuguese	14
24.	Basic Material: Other Unlicensed or Licensed Publications - Spanish	14
25.	Basic Material: Other Unlicensed or Licensed Publications - Egyptian (Arabic)	15
26.	Basic Material: Other Unlicensed or Licensed Publications - Chinese (T-Chinese/Tawain)	15
27.	Basic Material: Other Unlicensed or Licensed Publications - Portuguese	15
28.	Publications Useful During Installation	16
29.	PSP Upgrade and Subset ID	17
30.	Component IDs	18
31.	Driving System Software Requirements	20
32.	Mandatory Installation Requisites	21
33.	Mandatory Operational Requisites	22
34.	Conditional Operational Requisites	23
35.	Total DASD Space Required by QMF Enterprise Edition National Language Version	23
36.	Total DASD Space Required by National Language Version for Uppercase English	24
37.	Total DASD Space Required by National Language Version for Danish	24
38.	Total DASD Space Required by National Language Version for French	24
39.	Total DASD Space Required by National Language Version for German	24
40.	Total DASD Space Required by National Language Version for Italian	24
41.	Total DASD Space Required by National Language Version for Japanese	25
42.	Total DASD Space Required by National Language Version for Korean	25
43.	Total DASD Space Required by National Language Version for Brazilian Portuguese	25
44.	Total DASD Space Required by National Language Version for Spanish	25
45.	Total DASD Space Required by National Language Version for Swedish	25
46.	Total DASD Space Required by National Language Version for Swiss French	26
47.	Total DASD Space Required by National Language Version for Swiss German	26
48.	Total DASD Space Required by National Language Version for Canadian French	26
49.	QMF National Language Identifiers	28
50.	Storage Requirements for QMF Enterprise Edition and National Language Version Target Libraries	29
51.	QMF Enterprise Edition National Language Version HFS Paths (QMF for WebSphere)	33
52.	Storage Requirements for QMF Enterprise Edition and National Language Version Distribution Libraries	34
53.	Storage Requirements for QMF Enterprise Edition and National Language Version Non-SMP/E Data Sets	36
54.	SMP/E Options Subentry Values	39
55.	Sample Installation Jobs for Enterprise Edition	40
56.	Sample Installation Jobs for Upper Case English	41
57.	Sample Installation Jobs for Danish	42
58.	Sample Installation Jobs for French	43
59.	Sample Installation Jobs for German	44
60.	Sample Installation Jobs for Italian	46
61.	Sample Installation Jobs for Japanese	47
62.	Sample Installation Jobs for Korean	48
63.	Sample Installation Jobs for Brazilian Portuguese	49
64.	Sample Installation Jobs for Spanish	50
65.	Sample Installation Jobs for Swedish	51

66.	Sample Installation Jobs Swiss French	52
67.	Sample Installation Jobs for Swiss German	54
68.	Sample Installation Jobs for Canadian French	55

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 QMF Enterprise Edition National Language Version.

The Program Directory contains the following sections:

- 2.0, "Program Materials" on page 5 identifies the basic and optional program materials and documentation for QMF Enterprise Edition National Language Version.
- 3.0, "Program Support" on page 17 describes the IBM support available for QMF Enterprise Edition National Language Version.
- 4.0, "Program and Service Level Information" on page 19 lists the APARs (program level) and PTFs (service level) incorporated into QMF Enterprise Edition National Language Version.
- 5.0, "Installation Requirements and Considerations" on page 20 identifies the resources and considerations required for installing and using QMF Enterprise Edition National Language Version.
- 6.0, "Installation Instructions" on page 38 provides detailed installation instructions for QMF Enterprise Edition National Language Version. It also describes the procedures for activating the functions of QMF Enterprise Edition National Language Version, or refers to appropriate publications.

Before installing QMF Enterprise Edition National Language Version, read the *CBPDO Memo To Users* and the *CBPDO Memo To Users Extension* that were supplied with this program in softcopy form as well as this Program Directory and then keep them for future reference. Section 3.2, "Preventive Service Planning" on page 17 tells you how to find any updates to the information and procedures in this Program Directory.

QMF Enterprise Edition National Language Version is supplied in a Custom-Built Product Delivery Offering (CBPDO, 5751-CS3). The Program Directory is provided in softcopy form on the CBPDO tape which is identical to the hardcopy form provided with your order. Your CBPDO contains a softcopy preventive service planning (PSP) upgrade for this product. All service and HOLDDATA for QMF Enterprise Edition National Language Version are included on the CBPDO tape.

Do not use this Program Directory if you are installing QMF Enterprise Edition National Language Version with a SystemPac or ServerPac. When using these offerings, use the jobs and documentation supplied with the offering. This documentation may point you to specific sections of the Program Directory as required.

1.1 QMF Enterprise Edition National Language Version Description

IBM Query Management Facility (QMF) Enterprise Edition V8.1 provides all components of the QMF family in a single package, allowing robust access to multiple DB2 database platforms from multiple end user environments.

QMF Enterprise Edition V8.1 includes:

- QMF for TSO/CICS
- QMF High Performance Option (QMF HPO)
- QMF for Windows
- QMF for WebSphere
- QMF Visionary Studio

The QMF family enables enterprise-wide:

- querying
- reporting
- data visualization
- rapid application development
- centralized end user management

The QMF family also supports mixed end user environments, including those connected via:

- Web browsers over intranets or the Internet
- Windows workstations
- traditional mainframe terminals

and single- or multiple-platform database environments that include:

- DB2 Universal Database for z/OS and OS/390
- DB2 Server for VSE & VM
- DB2 Universal Database (AIX, Linux, HP-UX, Sun, and Windows)
- DB2 Universal Database for iSeries
- ODBC-compliant databases from other vendors

Developed in parallel with DB2 since Version 1, QMF is designed to promote the distribution of business intelligence throughout the enterprise, scale to virtually any need, and deliver excellent return on DB2 investments through advanced database query processing.

QMF simplifies tasks associated with accessing, visualizing, and integrating data and covers a broad base of business needs, making end users capable of quickly developing and sharing:

- Structured Query Language (SQL) queries
- Summary, across, and other types of reports
- Multidimensional analysis
- Charts
- Spatial data maps
- Spreadsheets and other popular applications populated with data warehouse or operational data

In addition, the QMF family supports task automation and rapid application development through:

- QMF procedure scripting
- Query and expression building tools
- Conversion of queries and reports into DB2 stored procedures and compiled COBOL programs
- Application programming interfaces (APIs) included in z/OS and Windows platform releases

Note: The QMF Enterprise Edition provides QMF for TSO/CICS, QMF HPO and QMF for WebSphere on SMP/E installable tapes. QMF for Windows, QMF Visionary Studio and QMF for WebSphere are provided on a CD-ROM. QMF for WebSphere can be installed on multiple operating systems. The SMP/E tape is used for an installation on z/OS and the CD-ROM is used for all other operating systems. This program directory will guide the user through the installation of QMF for TSO/CICS, QMF HPO and QMF for WebSphere from tape using SMP/E.

1.2 QMF Enterprise Edition National Language Version FMIDs

QMF Enterprise Edition National Language Version consists of the following FMIDs:

- HSQ8810 (QMF TSO/CICS Base)
- HHP8810 (QMF HPO)
- HRQW810 (QMF WebSphere z/OS)

NATIONAL LANGUAGES

- JSQ8851 (QMF Uppercase English)
- JSQ8855 (QMF Danish)
- JSQ8856 (QMF French)
- JSQ8857 (QMF German)
- JSQ8858 (QMF Italian)
- JSQ8859 (QMF Japanese)
- JSQ885A (QMF Korean)
- JSQ885B (QMF Brazilian Portuguese)
- JSQ885C (QMF Spanish)
- JSQ885D (QMF Swedish)

JSQ885E (QMF Swiss French)
JSQ885F (QMF Swiss German)
JSQ885G (QMF Canadian French)

2.0 Program Materials

An IBM program is identified by a program number and feature numbers. The program number for QMF Enterprise Edition National Language Version is 5625-DB2 and the feature numbers are 5963, and 6014.

The QMF Enterprise Edition National Language Version provides QMF for TSO/CICS , QMF HPO and QMF for WebSphere on SMP/E installable tapes. QMF for Windows, QMF Visionary Studio and QMF for WebSphere are provided on a CD-ROM. QMF for WebSphere can be installed on multiple operating systems. The SMP/E tape is used for installation on z/OS and the CD-ROM is used for all other operating systems installations. This section refers to the QMF for TSO/CICS, QMF HPO and QMF for WebSphere product tapes.

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

The program announcement material describes the features supported by QMF Enterprise Edition National Language Version. Ask your IBM representative for this information if you have not already received a copy.

2.1 Basic Machine-Readable Material

The distribution medium for this program is magnetic tape or downloadable files. It is installed using SMP/E, and is in SMP/E RELFILE format. See 6.0, "Installation Instructions" on page 38 for more information about how to install the program.

The QMF Enterprise Edition feature also includes the following three products on CD-ROM, QMF for WebSphere, QMF for Windows and QMF Visionary Studio. Please refer to the specific CD-ROM for installation instructions for that product.

Information about the physical tape for the Basic Machine-Readable Materials for QMF Enterprise Edition National Language Version can be found in the *CBPDO Memo To Users Extension*.

The following three figures describe the program file contents for QMF Enterprise Edition National Language Version.

Figure 1 on page 6 describes the program file content for QMF TSO/CICS Base.

Figure 2 on page 6 describes the program file content for QMF HPO.

Figure 3 on page 6 describes the program file content for QMF WebSphere z/OS.

Figure 4 on page 7 through Figure 16 on page 12 describes the program file content for the National Languages.

You can refer to the *CBPDO Memo To Users Extension* to see where the files reside on the tape.

Notes:

1. The data set attributes in this table should be used in the JCL of jobs reading the data sets, but since the data sets are in IEBCOPY unloaded format, their actual attributes may be different.
2. If any RELFILEs are identified as PDSEs, ensure that SMPTLIB data sets are allocated as PDSEs.

<i>Figure 1. Program File Content - QMF TSO/CICS</i>				
Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.HSQ8810.F1	PDS	FB	80	8800
IBM.HSQ8810.F2	PDS	U	0	6144
IBM.HSQ8810.F3	PDS	FB	80	27920
IBM.HSQ8810.F4	PDS	FB	80	27920
IBM.HSQ8810.F5	PDS	F	400	400
IBM.HSQ8810.F6	PDS	V	27960	27964
IBM.HSQ8810.F7	PDS	FB	80	27920
IBM.HSQ8810.F8	PDS	F	80	400

<i>Figure 2. Program File Content - QMF HPO</i>				
Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.HHP8810.F1	PDS	FB	80	8800
IBM.HHP8810.F2	PDS	U	0	6144
IBM.HHP8810.F3	PDS	FB	80	27920

<i>Figure 3 (Page 1 of 2). Program File Content for - QMF WebSphere z/OS</i>				
Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400

Figure 3 (Page 2 of 2). Program File Content for - QMF WebSphere z/OS

Name	O R G	R E C F M	L R E C L	BLK SIZE
IBM.HRQW810.F1	PDS	FB	80	8800
IBM.HRQW810.F2	PDS	VB	256	6233

Figure 4. Program File Content - QMF TSO/CICS Upper Case English

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ8851.F1	PDS	FB	80	8800
IBM.JSQ8851.F2	PDS	U	0	6144
IBM.JSQ8851.F3	PDS	FB	80	8800
IBM.JSQ8851.F4	PDS	FB	80	8800
IBM.JSQ8851.F5	PDS	F	400	400
IBM.JSQ8851.F6	PDS	V	31996	32000

Figure 5. Program File Content - QMF TSO/CICS Danish

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ8855.F1	PDS	FB	80	8800
IBM.JSQ8855.F2	PDS	U	0	6144
IBM.JSQ8855.F3	PDS	FB	80	8800
IBM.JSQ8855.F4	PDS	FB	80	8800
IBM.JSQ8855.F5	PDS	F	400	400
IBM.JSQ8855.F6	PDS	V	31996	32000

Figure 6. Program File Content - QMF TSO/CICS French

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ8856.F1	PDS	FB	80	8800
IBM.JSQ8856.F2	PDS	U	0	6144
IBM.JSQ8856.F3	PDS	FB	80	8800
IBM.JSQ8855.F4	PDS	FB	80	8800
IBM.JSQ8856.F5	PDS	F	400	400
IBM.JSQ8856.F6	PDS	V	31996	32000

Figure 7. Program File Content - QMF TSO/CICS German

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ8857.F1	PDS	FB	80	8800
IBM.JSQ8857.F2	PDS	U	0	6144
IBM.JSQ8857.F3	PDS	FB	80	8800
IBM.JSQ8857.F4	PDS	FB	80	8800
IBM.JSQ8857.F5	PDS	F	400	400
IBM.JSQ8857.F6	PDS	V	31996	32000

Figure 8 (Page 1 of 2). Program File Content - QMF TSO/CICS Italian

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ8858.F1	PDS	FB	80	8800
IBM.JSQ8858.F2	PDS	U	0	6144
IBM.JSQ8858.F3	PDS	FB	80	8800

Figure 8 (Page 2 of 2). Program File Content - QMF TSO/CICS Italian

Name	O R G	R E C F M	L R E C L	BLK SIZE
IBM.JSQ8858.F4	PDS	FB	80	8800
IBM.JSQ8858.F5	PDS	F	400	400
IBM.JSQ8858.F6	PDS	V	31996	32000

Figure 9. Program File Content - QMF TSO/CICS Japanese

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ8859.F1	PDS	FB	80	8800
IBM.JSQ8859.F2	PDS	U	0	6144
IBM.JSQ8859.F3	PDS	FB	80	8800
IBM.JSQ8859.F4	PDS	FB	80	8800
IBM.JSQ8859.F5	PDS	F	400	400
IBM.JSQ8859.F6	PDS	V	31996	32000

Figure 10. Program File Content - QMF TSO/CICS Korean

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885A.F1	PDS	FB	80	8800
IBM.JSQ885A.F2	PDS	U	0	6144
IBM.JSQ885A.F3	PDS	FB	80	8800
IBM.JSQ885A.F4	PDS	FB	80	8800
IBM.JSQ885A.F5	PDS	F	400	400
IBM.JSQ885A.F6	PDS	V	31996	32000

Figure 11. Program File Content - QMF TSO/CICS Brazilian Portuguese

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885B.F1	PDS	FB	80	8800
IBM.JSQ885B.F2	PDS	U	0	6144
IBM.JSQ885B.F3	PDS	FB	80	8800
IBM.JSQ885B.F4	PDS	FB	80	8800
IBM.JSQ885B.F5	PDS	F	400	400
IBM.JSQ885B.F6	PDS	V	31996	32000

Figure 12. Program File Content - QMF TSO/CICS Spanish

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885C.F1	PDS	FB	80	8800
IBM.JSQ885C.F2	PDS	U	0	6144
IBM.JSQ885C.F3	PDS	FB	80	8800
IBM.JSQ885C.F4	PDS	FB	80	8800
IBM.JSQ885C.F5	PDS	F	400	400
IBM.JSQ885C.F6	PDS	V	31996	32000

Figure 13 (Page 1 of 2). Program File Content - QMF TSO/CICS Swedish

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885D.F1	PDS	FB	80	8800
IBM.JSQ885D.F2	PDS	U	0	6144
IBM.JSQ885D.F3	PDS	FB	80	8800

Figure 13 (Page 2 of 2). Program File Content - QMF TSO/CICS Swedish

Name	O R G	R E C F M	L R E C L	BLK SIZE
IBM.JSQ885D.F4	PDS	FB	80	8800
IBM.JSQ885D.F5	PDS	F	400	400
IBM.JSQ885D.F6	PDS	V	31996	32000

Figure 14. Program File Content - QMF TSO/CICS Swiss French

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885E.F1	PDS	FB	80	8800
IBM.JSQ885E.F2	PDS	U	0	6144
IBM.JSQ885E.F3	PDS	FB	80	8800
IBM.JSQ885E.F4	PDS	FB	80	8800
IBM.JSQ885E.F5	PDS	F	400	400
IBM.JSQ885E.F6	PDS	V	31996	32000

Figure 15. Program File Content - QMF TSO/CICS Swiss German

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885F.F1	PDS	FB	80	8800
IBM.JSQ885F.F2	PDS	U	0	6144
IBM.JSQ885F.F3	PDS	FB	80	8800
IBM.JSQ885F.F4	PDS	FB	80	8800
IBM.JSQ885F.F5	PDS	F	400	400
IBM.JSQ885F.F6	PDS	V	31996	32000

Figure 16. Program File Content - QMF TSO/CICS Canadian French

Name	O R G	R E C F M	L R E C L	BLK SIZE
SMPMCS	SEQ	FB	80	6400
IBM.JSQ885G.F1	PDS	FB	80	8800
IBM.JSQ885G.F2	PDS	U	0	6144
IBM.JSQ885G.F3	PDS	FB	80	8800
IBM.JSQ885G.F4	PDS	FB	80	8800
IBM.JSQ885G.F5	PDS	F	400	400
IBM.JSQ885G.F6	PDS	V	31996	32000

2.2 Optional Machine-Readable Material

No optional machine-readable materials are provided for QMF Enterprise Edition National Language Version.

2.3 Program Publications

The following sections identify the basic and optional publications for QMF Enterprise Edition National Language Version.

2.3.1 Basic Program Publications

Figure 17 identifies the basic unlicensed or licensed publications that are not available in hardcopy form, but are available through the internet or other media for QMF Enterprise Edition National Language Version.

To order copies, contact your IBM representative or visit the IBM Publications Center on the world wide web to order or view publications at:

<http://www.ibm.com/shop/publications/order>

Figure 17 (Page 1 of 2). Basic Material: Other Unlicensed or Licensed Publications

Publication Title	Form Number	How Available
DB2 QMF High Performance Option User's Guide for TSO/CICS	SC18-7450	internet or CD-ROM

Figure 17 (Page 2 of 2). Basic Material: Other Unlicensed or Licensed Publications

Publication Title	Form Number	How Available
Installing and Managing DB2 QMF for Windows and DB2 QMF for WebSphere	GC18-7448	internet or CD-ROM
Getting Started with DB2 QMF for Windows and DB2 QMF for WebSphere	SC18-7449	internet or CD-ROM
Installing and Managing DB2 QMF for TSO/CICS	GC18-7444	internet or CD-ROM
DB2 QMF Reference	SC18-7446	internet or CD-ROM
Developing DB2 QMF Applications	SC18-7651	internet or CD-ROM
Introducing DB2 QMF	GC18-7443	internet or CD-ROM
DB2 QMF Messages and Codes	GC18-7447	internet or CD-ROM
Using DB2 QMF	SC18-7445	internet or CD-ROM
DB2 QMF Visionary Studio Getting Started Guide	GC18-9092	internet or CD-ROM
DB2 QMF Visionary Studio Developer's Guide	GC18-9093	internet or CD-ROM

Note: The above QMF publications are also provided in PDF format on CD "DB2 UDB for z/OS Version 8 Licensed Library Collection", LK3T-7128, shipped with DB2 UDB for z/OS V8.1. You may also find some of these publications in PDF format on the product CDs that shipped with the QMF Enterprise Edition National Language Version.

Figure 18. Basic Material: Other Unlicensed or Licensed Publications - French

Publication Title	Form Number	How Available
Introducing DB2 QMF	GC11-2024	internet
DB2 QMF Reference	SC11-2025	internet

Figure 19. Basic Material: Other Unlicensed or Licensed Publications - German

Publication Title	Form Number	How Available
Introducing DB2 QMF	GC12-3290	internet
Using DB2 QMF	SC12-3291	internet
DB2 QMF Reference	SC12-3292	internet

Figure 20. Basic Material: Other Unlicensed or Licensed Publications - Italian

Publication Title	Form Number	How Available
Introducing DB2 QMF	GC13-3162	internet
Using DB2 QMF	SC13-3163	internet
DB2 QMF Reference	SC13-3164	internet

Figure 21. Basic Material: Other Unlicensed or Licensed Publications - Japanese

Publication Title	Form Number	How Available
Introducing DB2 QMF	GC88-9831	Internet
DB2 QMF Reference	SC88-9834	Internet
Using DB2 QMF	SC88-9833	Internet
DB2 QMF Messages and Codes	GC88-9835	Internet
Developing DB2 QMF Applications	SC88-9836	Internet
Installing and Managing DB2 QMF	GC88-9832	Internet

Figure 22. Basic Material: Other Unlicensed or Licensed Publications - Korean

Publication Title	Form Number	How Available
Introducing DB2 QMF	GA30-2037	internet
DB2 QMF Reference	SA30-2040	internet

Figure 23. Basic Material: Other Unlicensed or Licensed Publications - Brazilian Portuguese

Publication Title	Form Number	How Available
Introducing DB2 QMF	G517-7787	internet
Installing and Managing DB2 QMF for TSO/CICS	G517-7788	internet
Using DB2 QMF	S517-7789	internet
DB2 QMF Reference	S517-7919	internet
DB2 QMF Messages and Codes	G517-7790	Internet

Figure 24 (Page 1 of 2). Basic Material: Other Unlicensed or Licensed Publications - Spanish

Publication Title	Form Number	How Available
Introducing DB2 QMF	GC10-3872	internet

<i>Figure 24 (Page 2 of 2). Basic Material: Other Uncensored or Licensed Publications - Spanish</i>		
Publication Title	Form Number	How Available
Using DB2 QMF	SC10-3873	internet
DB2 QMF Reference	SC10-3874	internet

<i>Figure 25. Basic Material: Other Uncensored or Licensed Publications - Egyptian (Arabic)</i>		
Publication Title	Form Number	How Available
Getting Started with DB2 QMF for Windows and DB2 QMF for WebSphere	SC20-2212	internet

<i>Figure 26. Basic Material: Other Uncensored or Licensed Publications - Chinese (T-Chinese/Tawain)</i>		
Publication Title	Form Number	How Available
Installing and Managing DB2 QMF for Windows and DB2 QMF for WebSphere	GC40-1853	Internet
Getting Started with DB2 QMF for Windows and DB2 QMF for WebSphere	GC40-1854	internet

<i>Figure 27. Basic Material: Other Uncensored or Licensed Publications - Portuguese</i>		
Publication Title	Form Number	How Available
Getting Started with DB2 QMF for Windows and DB2 QMF for WebSphere	SC17-5433	internet

2.3.2 Optional Program Publications

No optional publications are provided for QMF Enterprise Edition National Language Version.

2.4 Program Source Materials

No program source materials or viewable program listings are provided for QMF Enterprise Edition National Language Version.

2.5 Publications Useful During Installation

The publications listed in Figure 28 on page 16 may be useful during the installation of QMF Enterprise Edition National Language Version. To order copies, contact your IBM representative or visit the IBM Publications Center on the World Wide Web at:
<http://www.ibm.com/shop/publications/order>

<i>Figure 28. Publications Useful During Installation</i>	
Publication Title	Form Number
<i>IBM SMP/E for z/OS and OS/390 User's Guide</i>	SA22-7773
<i>IBM SMP/E for z/OS and OS/390 Commands</i>	SA22-7771
<i>IBM SMP/E for z/OS and OS/390 Reference</i>	SA22-7772
<i>IBM SMP/E for z/OS and OS/390 Messages, Codes, and Diagnosis</i>	GA22-7770

3.0 Program Support

This section describes the IBM support available for QMF Enterprise Edition National Language Version.

3.1 Program Services

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

3.2 Preventive Service Planning

Before installing QMF Enterprise Edition National Language Version, you must review the current Preventive Service Planning (PSP) information. If you obtained QMF Enterprise Edition National Language Version as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO.

If the CBPDO for QMF Enterprise Edition National Language Version is more than two weeks old when you install it, you should contact the IBM Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

For program support, access the Software Support web site at <http://www-3.ibm.com/software/support/>

PSP Buckets are identified by UPGRADEs, which specify product levels, and SUBSETs, which specify the FMIDs for a product level. The UPGRADE and SUBSET values for QMF Enterprise Edition National Language Version are:

UPGRADE	SUBSET	Description
DB2810	HSQ8810	QMF TSO/CICS Base
DB2810	HHP8810	QMF HPO
DB2810	HRQW810	QMF WebSphere z/OS
DB2810	JSQ8851	QMF Uppercase English
DB2810	JSQ8855	QMF Danish
DB2810	JSQ8856	QMF French
DB2810	JSQ8857	QMF German
DB2810	JSQ8858	QMF Italian
DB2810	JSQ8859	QMF Japanese
DB2810	JSQ885A	QMF Korean
DB2810	JSQ885B	QMF Brazilian Portuguese

Figure 29 (Page 2 of 2). PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
DB2810	JSQ885C	QMF Spanish
DB2810	JSQ885D	QMF Swedish
DB2810	JSQ885E	QMF Swiss French
DB2810	JSQ882F	QMF Swiss German
DB2810	JSQ885G	QMF Canadian French

3.3 Statement of Support Procedures

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

Figure 30 identifies the component IDs (COMPID) for QMF Enterprise Edition National Language Version.

Figure 30. Component IDs

FMID	COMPID	Component Name	RETAIN Release
HSQ8810	566872101	QMF TSO/CICS Base	810
HHP8810	5668HPO00	QMF HPO	810
HRQW810	5668RQW01	QMF WebSphere z/OS	810
JSQ8851	566872101	QMF Uppercase English	851
JSQ8855	566872101	QMF Danish	855
JSQ8856	566872101	QMF French	856
JSQ8857	566872101	QMF German	857
JSQ8858	566872101	QMF Italian	858
JSQ8859	566872101	QMF Japanese	859
JSQ885A	566872101	QMF Korean	85A
JSQ885B	566872101	QMF Brazilian Portuguese	85B
JSQ885C	566872101	QMF Spanish	85C
JSQ885D	566872101	QMF Swedish	85D
JSQ885E	566872101	QMF Swiss French	85E
JSQ885F	566872101	QMF Swiss German	85F
JSQ885G	566872101	QMF Canadian French	85G

4.0 Program and Service Level Information

This section identifies the program and any relevant service levels of QMF Enterprise Edition National Language Version. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs incorporated into the program.

4.1 Program Level Information

All APARs which were closed before 03/19/04 are incorporated into the QMF Enterprise Edition National Language Version V8.1 products, with the following exceptions:

- APARs PQ74337, PQ76597, PQ78230, PQ81406 and PQ83178 have not been incorporated into the QMF TSO/CICS FMID HSQ8810
- APAR PQ80834 has not been incorporated into the QMF HPO FMID HHP8810
- APARs PQ84998 and PQ84894 have not been incorporated into the QMF for WebSphere FMID HRQW810

4.2 Service Level Information

All PTFs which were closed before 03/19/04 are incorporated into the QMF Enterprise Edition National Language Version V8.1 products, with the following exceptions:

- PTFs UQ77741, UQ79145, UQ80137, UQ82977 and UQ84982 have not been incorporated into the QMF TSO/CICS FMID HSQ8810
- PTF UQ83093 has not been incorporated into the QMF HPO FMID HHP8810
- PTFs UQ85843 and UQ85859 have not been incorporated into the QMF for WebSphere FMID HRQW810

Note: The above PTFs must be installed right after the QMF V8.1 product FMIDs are SMP/E APPLyEd.

5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating the three QMF Enterprise Edition National Language Version products, QMF TSO/CICS, QMF HPO and QMF for WebSphere. The following terminology is used:

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

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

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

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

5.1 Driving System Requirements

This section describes the environment of the driving system required to install QMF Enterprise Edition National Language Version.

5.1.1 Machine Requirements

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

5.1.2 Programming Requirements

Figure 31. Driving System Software Requirements

Program Number	Product Name and Minimum VRM/Service Level
Any one of the following:	
5647-A01	OS/390 V2.10.0
5694-A01	z/OS V1.01.0 or later
5655-G44	IBM SMP/E for z/OS and OS/390 V3.02.0 or later

5.2 Target System Requirements

This section describes the environment of the target system required to install and use QMF Enterprise Edition National Language Version.

QMF Enterprise Edition National Language Version installs in the DBS (P115) SREL.

5.2.1 Machine Requirements

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

5.2.2 Programming Requirements

5.2.2.1 Installation Requisites: An installation requisite is defined as a product that is required and **must** be present or one that is not required but **should** be present on the system for the successful installation of this product.

A mandatory installation requisite identifies products that are required, without exception, or this product **will not install** on your system. This includes products specified as PREs or REQs.

Figure 32. Mandatory Installation Requisites

Program Number	Product Name and Minimum VRM/Service Level
Any one of the following:	
5697-E93	CICS Transaction Server for z/OS V02.02.00 or V02.03.00
5655-147	CICS Transaction Server for OS/390 V01.03.00
Any one of the following:	
5625-DB2	DB2 UDB for z/OS V08.01.00 or later
5675-DB2	DB2 UDB for OS/390 V07.01.00
5645-DB2	DB2 UDB for OS/390 V06.01.00

Note:

- The CICS requisite is only for QMF TSO/CICS users who will run under CICS.
- For additional QMF for WebSphere installation requisites and steps to perform after SMP/E installation work is complete, please refer to the publication, *Installing and Managing DB2 QMF for Windows and DB2 QMF for WebSphere*, GC18-7448.

A conditional installation requisite identifies products that are **not** required for successful install but may resolve such things as certain warning messages at installation time. They include products that are specified as IF REQs.

QMF Enterprise Edition National Language Version has no conditional installation requisites.

5.2.2.2 Operational Requisites: An operational requisite is defined as a product that is required and **must** be present or a product that is not required but **should** be present on the system in order for this product to operate all or some of its functions.

A mandatory operational requisite identifies products that are required, without exception, or this product **will not operate** its basic function unless the requisite is met. This includes products specified as PREs or REQs.

<i>Figure 33. Mandatory Operational Requisites</i>	
Program Number	Product Name and Minimum VRM/Service Level
5655-F31	WebSphere Application Server V04.00.01 for z/OS and OS/390 or later
5695-167	GDDM V03.02.00 or later
Any one of the following:	
5697-E93	CICS Transaction Server for z/OS V02.02.00 or V02.03.00
5655-147	CICS Transaction Server for OS/390 V01.03.00
Any one of the following:	
5625-DB2	DB2 UDB for z/OS V08.01.00 or later
5675-DB2	DB2 UDB for OS/390 V07.01.00
5645-DB2	DB2 UDB for OS/390 V06.01.00

Note:

- WebSphere Application Server V04.00.01 requisite only applies to QMF for WebSphere. For additional QMF for WebSphere operational requisites and steps to perform after SMP/E, please refer to the publication, *Installing and Managing DB2 QMF for Windows and DB2 QMF for WebSphere, GC18-7448*.
- GDDM V03.02.00 requisite only applies to QMF TSO/CICS.
- The CICS requisite is only for QMF TSO/CICS users running under CICS.

A conditional operational requisite identifies products that are **not required** for the basic function but are needed at run time for this product to utilize specific functions. They may include products specified as IF REQs.

Note: The Conditional Operational Requisites identified in Figure 34 on page 23 do not apply if DB2 UDB for z/OS Version 8 (5625-DB2) is installed.

<i>Figure 34. Conditional Operational Requisites</i>		
Program Number	Product Name and Minimum VRM/Service Level	Function
5625-DB2	DB2 UDB for z/OS V8.01.00, QMF for WebSphere FMID HRQW810 with PTF UQ83086	National Language Versions of QMF for WebSphere
Any one of the following:		
5675-DB2	DB2 UDB for OS/390 V07.01.00 with PTFs, UQ57178, UQ60456, UQ60033, UQ66553	QMF Enhanced List Tables Command
5645-DB2	DB2 UDB for OS/390 V06.01.00 with PTFs, UQ57177, UQ60455, UQ60032	QMF Enhanced List Tables Command

5.2.2.3 Toleration/Coexistence Requisites: A toleration/coexistence requisite is defined as a product which must be present on a sharing system. These systems can be other systems in a multisystem environment (not necessarily sysplex), a shared DASD environment (such as test and production), or systems that reuse the same DASD at different time intervals.

QMF Enterprise Edition National Language Version has no toleration/coexistence requisites.

5.2.2.4 Incompatibility (Negative) Requisites: A negative requisite identifies products which must *not* be installed on the same system as this product.

QMF Enterprise Edition National Language Version has no negative requisites.

5.2.3 DASD Storage Requirements

QMF Enterprise Edition National Language Version libraries can reside on all supported DASD types.

Figure 35 lists the total space required for each type of library.

<i>Figure 35. Total DASD Space Required by QMF Enterprise Edition National Language Version</i>		
Library Type	Total Space Required	
Target	3435	Blocks for QMF TSO/CICS Base
	500	Blocks for QMF HPO
	20	Blocks for QMF for WebSphere
Distribution	4070	Blocks for QMF TSO/CICS Base
	700	Blocks for QMF HPO
	820	Blocks for QMF for WebSphere
HFS	10848	Sectors (512 bytes per sector) for QMF for WebSphere

Figure 36 lists the total space required for each type of library for Uppercase English.

<i>Figure 36. Total DASD Space Required by National Language Version for Uppercase English</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 37 lists the total space required for each type of library for Danish.

<i>Figure 37. Total DASD Space Required by National Language Version for Danish</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 38 lists the total space required for each type of library for French.

<i>Figure 38. Total DASD Space Required by National Language Version for French</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 39 lists the total space required for each type of library for German.

<i>Figure 39. Total DASD Space Required by National Language Version for German</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 40 lists the total space required for each type of library for Italian.

<i>Figure 40. Total DASD Space Required by National Language Version for Italian</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 41 on page 25 lists the total space required for each type of library for Japanese.

<i>Figure 41. Total DASD Space Required by National Language Version for Japanese</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 42 lists the total space required for each type of library for Korean.

<i>Figure 42. Total DASD Space Required by National Language Version for Korean</i>	
Library Type	Total Space Required
Target	975 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 43 lists the total space required for each type of library for Brazilian Portuguese.

<i>Figure 43. Total DASD Space Required by National Language Version for Brazilian Portuguese</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 44 lists the total space required for each type of library for Spanish.

<i>Figure 44. Total DASD Space Required by National Language Version for Spanish</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 45 lists the total space required for each type of library for Swedish.

<i>Figure 45 (Page 1 of 2). Total DASD Space Required by National Language Version for Swedish</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks

<i>Figure 45 (Page 2 of 2). Total DASD Space Required by National Language Version for Swedish</i>	
Library Type	Total Space Required
Distribution	815 (3390) Blocks

Figure 46 lists the total space required for each type of library for Swiss French.

<i>Figure 46. Total DASD Space Required by National Language Version for Swiss French</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 47 lists the total space required for each type of library for Swiss German.

<i>Figure 47. Total DASD Space Required by National Language Version for Swiss German</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 48 lists the total space required for each type of library for Canadian French.

<i>Figure 48. Total DASD Space Required by National Language Version for Canadian French</i>	
Library Type	Total Space Required
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Notes:

1. IBM recommends use of system determined block sizes for efficient DASD utilization for all non-RECFM U data sets. For RECFM U data sets, IBM recommends a block size of 32760, which is the most efficient from a performance and DASD utilization perspective.
2. Abbreviations used for the data set type are:
 - U** Unique data set, allocated by this product and used only by this product. To determine the correct storage needed for this data set, this table provides all required information; no other tables (or Program Directories) need to be referenced for the data set size.

- S** Shared data set, allocated by this product and used by this product and others. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other Program Directories). If the data set already exists, it must have enough free space to accommodate the storage size given in this table.
- E** Existing shared data set, used by this product and others. This data set is NOT allocated by this product. To determine the correct storage needed for this data set, the storage size given in this table needs to be added to other tables (perhaps in other program directories). This existing data set must have enough free space to accommodate the storage size given in this table.

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

For more information on the names and sizes of the required data sets, please refer to 6.1.9, "Allocate SMP/E Target and Distribution Libraries" on page 58.

3. Abbreviations used for the HFS Path type are:

- N** New path, created by this product.
- X** Path created by this product, but may already exist from a previous release.
- P** Previously existing path, created by another product.

4. All target and distribution libraries listed have the following attributes:

- The default name of the data set may be changed.
- The default block size of the data set may be changed.
- The data set may be merged with another data set that has equivalent characteristics.
- The data set may be either a PDS or a PDSE.

5. All target libraries listed have the following attributes:

- The data set may be SMS-managed.
- It is not required for the data set to be SMS-managed.
- It is not required for the data set to reside on the IPL volume.
- The values in the "Member Type" column are not necessarily the actual SMP/E element types identified in the SMPMCS.

6. All target libraries listed which contain load modules have the following attributes:

- The data set may be in the LPA.
- It is not required for the data set to be in the LPA.
- The data set may be in the LNKLIST.
- It is not required for the data set to be APF-authorized.

Figure 50, Figure 51, Figure 52, and Figure 53 describe the target and distribution libraries and HFS paths required to install QMF Enterprise Edition National Language Version. The storage requirements of QMF Enterprise Edition National Language Version must be added to the storage required by other programs having data in the same library or path.

Note: The data in these tables should be used when determining which libraries can be merged into common data sets. In addition, since some ALIAS names may not be unique, ensure that no naming conflicts will be introduced before merging libraries.

If you are installing a National Language in this document, please refer to the following table which associates a lettered language identifier to a National Language. The language identifier is the last character shown in the Storage Requirement figures for the Target, Distribution and Non-SMP/E data set names. This language identifier does not apply to QMF for TSO/CICS, QMF HPO or QMF for WebSphere.

Figure 49. QMF National Language Identifiers

Language	Language Identifier	FMID
Uppercase English	U	JSQ8851
Danish	Q	JSQ8855
French	F	JSQ8856
German	D	JSQ8857
Italian	I	JSQ8858
Japanese	K	JSQ8859
Korean	H	JSQ885A
Brazilian Portuguese	P	JSQ885B
Spanish	S	JSQ885C
Swedish	V	JSQ885D
Swiss French	Y	JSQ885E
Swiss German	Z	JSQ882F
Canadian French	C	JSQ885G

Note: The QMF V8.1 Enterprise Edition Base components for the Target Libraries are listed below. These do not include the National Language Target Libraries. The National Language Target libraries are shown in the Target Library Storage Requirements Table in Figure 50 on page 29. The National Languages are identified by their language identifier defined in Figure 49.

QMF TSO/CICS Base

- SDSQLOAD
- SDSQCLTE
- SDSQEXCE
- SDSQCHRT
- SDSQSAPE
- SDSQSLBE
- SDSQUSRE
- SDSQMAPE
- SDSQDBRM
- SDSQMLBE
- SDSQEXIT
- SDSQPVRE
- SDSQPLBE

QMF HPO

- SRAALOAD
- SRAASAMP
- SRAADBRM
- SRAAISPP
- SRAACLST
- SRAASKEL
- SRAAISPM
- SRAAEXEC

QMF for WebSphere

- SRQWBASE

Figure 50 (Page 1 of 5). Storage Requirements for QMF Enterprise Edition and National Language Version Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SDSQLOAD	LMOD	any	U	PDS	U	0	207	10
SDSQSAPE	Sample	any	U	PDS	FB	80	107	10
SDSQDBRM	Macro	any	U	PDS	FB	80	10	5
SDSQPLBE	Panel	any	U	PDS	FB	80	11	5
SDSQCLTE	Clist	any	U	PDS	FB	80	34	5
SDSQSLBE	Skel	any	U	PDS	FB	80	6	5
SDSQMLBE	Message	any	U	PDS	FB	80	6	5
SDSQEXCE	Exec	any	U	PDS	FB	80	14	5
SDSQUSRE	Sample	any	U	PDS	FB	80	26	5
SDSQEXIT	Sample	any	U	PDS	U	0	4	5
SDSQCHRT	Data	any	U	PDS	FB	400	2	5
SDSQMAPE	Data	any	U	PDS	FB	400	5	5
SDSQPVRE	Data	any	U	NONE	V	27960	150	5
SRAALOAD	LMOD	any	U	PDS	U	0	300	25
SRAASAMP	Sample	any	U	PDS	FB	80	10	5
SRAADBRM	Macro	any	U	PDS	FB	80	20	5
SRAAISPP	Panel	any	U	PDS	FB	80	80	50
SRAACLST	Clist	any	U	PDS	FB	80	10	5
SRAASKEL	Skel	any	U	PDS	FB	80	60	10
SRAAISPM	Message	any	U	PDS	FB	80	15	5
SRAAEXEC	Exec	any	U	PDS	FB	80	5	5
SRQWBASE	Sample	any	U	PDS	FB	80	4	5
SDSQSAPU	Sample	any	U	PDS	FB	80	38	10
SDSQPLBU	Panel	any	U	PDS	FB	80	11	5

Figure 50 (Page 2 of 5). Storage Requirements for QMF Enterprise Edition and National Language Version Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SDSQCLTU	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBU	MSG	any	U	PDS	FB	80	3	5
SDSQEXCU	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRU	Sample	any	U	PDS	FB	80	16	5
SDSQMAPU	Data	any	U	PDS	FB	400	5	5
SDSQPVRU	Data	any	U	PDS	V	31996	150	5
SDSQSAPQ	Sample	any	U	PDS	FB	80	38	10
SDSQPLBQ	Panel	any	U	PDS	FB	80	11	5
SDSQCLTQ	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBQ	MSG	any	U	PDS	FB	80	3	5
SDSQEXCQ	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRQ	Sample	any	U	PDS	FB	80	16	5
SDSQMAPQ	Data	any	U	PDS	FB	400	5	5
SDSQPVRQ	Data	any	U	PDS	V	31996	150	5
SDSQSAPF	Sample	any	U	PDS	FB	80	38	10
SDSQPLBF	Panel	any	U	PDS	FB	80	11	5
SDSQCLTF	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBF	MSG	any	U	PDS	FB	80	3	5
SDSQEXCF	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRF	Sample	any	U	PDS	FB	80	16	5
SDSQMAPF	Data	any	U	PDS	FB	400	5	5
SDSQPVRF	Data	any	U	PDS	V	31996	150	5
SDSQSAPD	Sample	any	U	PDS	FB	80	38	10
SDSQPLBD	Panel	any	U	PDS	FB	80	11	5
SDSQCLTD	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBD	MSG	any	U	PDS	FB	80	3	5
SDSQEXCD	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRD	Sample	any	U	PDS	FB	80	16	5
SDSQMAPD	Data	any	U	PDS	FB	400	5	5

Figure 50 (Page 3 of 5). Storage Requirements for QMF Enterprise Edition and National Language Version Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SDSQPVRD	Data	any	U	PDS	V	31996	150	5
SDSQSAPI	Sample	any	U	PDS	FB	80	38	10
SDSQPLBI	Panel	any	U	PDS	FB	80	11	5
SDSQCLTI	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBI	MSG	any	U	PDS	FB	80	3	5
SDSQEXCI	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRI	Sample	any	U	PDS	FB	80	16	5
SDSQMAPI	Data	any	U	PDS	FB	400	5	5
SDSQPVRI	Data	any	U	PDS	V	31996	150	5
SDSQSAPK	Sample	any	U	PDS	FB	80	38	10
SDSQPLBK	Panel	any	U	PDS	FB	80	11	5
SDSQCLTK	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBK	MSG	any	U	PDS	FB	80	3	5
SDSQEXCK	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRK	Sample	any	U	PDS	FB	80	16	5
SDSQMAPK	Data	any	U	PDS	FB	400	5	5
SDSQPVRK	Data	any	U	PDS	V	31996	150	5
SDSQSAPH	Sample	any	U	PDS	FB	80	51	10
SDSQPLBH	Panel	any	U	PDS	FB	80	11	5
SDSQCLTH	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBH	MSG	any	U	PDS	FB	80	3	5
SDSQEXCH	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRH	Sample	any	U	PDS	FB	80	16	5
SDSQMAPH	Data	any	U	PDS	FB	400	5	5
SDSQPVRH	Data	any	U	PDS	V	31996	150	5
SDSQSAPP	Sample	any	U	PDS	FB	80	38	10
SDSQPLBP	Panel	any	U	PDS	FB	80	11	5
SDSQCLTP	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBP	MSG	any	U	PDS	FB	80	3	5

Figure 50 (Page 4 of 5). Storage Requirements for QMF Enterprise Edition and National Language Version Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SDSQEXCP	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRP	Sample	any	U	PDS	FB	80	16	5
SDSQMAPP	Data	any	U	PDS	FB	400	5	5
SDSQPVRP	Data	any	U	PDS	V	31996	150	5
SDSQSAPS	Sample	any	U	PDS	FB	80	38	10
SDSQPLBS	Panel	any	U	PDS	FB	80	11	5
SDSQCLTS	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBS	MSG	any	U	PDS	FB	80	3	5
SDSQEXCS	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRS	Sample	any	U	PDS	FB	80	16	5
SDSQMAPS	Data	any	U	PDS	FB	400	5	5
SDSQPVRS	Data	any	U	PDS	V	31996	150	5
SDSQSAPV	Sample	any	U	PDS	FB	80	38	10
SDSQPLBV	Panel	any	U	PDS	FB	80	11	5
SDSQCLTV	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBV	MSG	any	U	PDS	FB	80	3	5
SDSQEXCV	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRV	Sample	any	U	PDS	FB	80	16	5
SDSQMAPV	Data	any	U	PDS	FB	400	5	5
SDSQPVRV	Data	any	U	PDS	V	31996	150	5
SDSQSAPY	Sample	any	U	PDS	FB	80	38	10
SDSQPLBY	Panel	any	U	PDS	FB	80	11	5
SDSQCLTY	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBY	MSG	any	U	PDS	FB	80	3	5
SDSQEXCY	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRY	Sample	any	U	PDS	FB	80	16	5
SDSQMAPY	Data	any	U	PDS	FB	400	5	5
SDSQPVRY	Data	any	U	PDS	V	31996	150	5
SDSQSAPZ	Sample	any	U	PDS	FB	80	38	5

Figure 50 (Page 5 of 5). Storage Requirements for QMF Enterprise Edition and National Language Version Target Libraries

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
SDSQPLBZ	Panel	any	U	PDS	FB	80	11	5
SDSQCLTZ	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBZ	MSG	any	U	PDS	FB	80	3	5
SDSQEXCZ	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRZ	Sample	any	U	PDS	FB	80	16	5
SDSQMAPZ	Data	any	U	PDS	FB	400	5	5
SDSQPVRZ	Data	any	U	PDS	V	31996	150	5
SDSQSAPC	Sample	any	U	PDS	FB	80	38	10
SDSQPLBC	Panel	any	U	PDS	FB	80	11	5
SDSQCLTC	CLIST	any	U	PDS	FB	80	7	5
SDSQMLBC	MSG	any	U	PDS	FB	80	3	5
SDSQEXCC	EXEC	any	U	PDS	FB	80	11	5
SDSQUSRC	Sample	any	U	PDS	FB	80	16	5
SDSQMAPC	Data	any	U	PDS	FB	400	5	5
SDSQPVRC	Data	any	U	PDS	V	31996	150	5

Figure 51. QMF Enterprise Edition National Language Version HFS Paths (QMF for WebSphere)

DDNAME	T Y P E	Path Name
SRQWHFS	N	/usr/lpp/qmf/IBM/

Note: The QMF V8.1 Enterprise Edition Base components for the Distribution Libraries are listed below. These do not include the National Language Distribution Libraries. The National Language Distribution libraries are shown in the Distribution Library Storage Requirements Table in Figure 52 on page 34. The National Languages are identified by their language identifier defined in Figure 49.

QMF TSO/CICS Base

- ADSQOBJ
- ADSQPMSE
- ADSQCHRT
- ADSQPVRE
- ADSQMACE
- ADSQDBMD
- ADSQMAPE

QMF HPO

- ARAALOAD
- ARAASRCE

QMF for WebSphere

- ARQWBASE
- ARQWHFS

Figure 52 (Page 1 of 3). Storage Requirements for QMF Enterprise Edition and National Language Version Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
ADSQOBJ	U	PDS	U	0	253	105
ADSQMACE	U	PDS	FB	80	234	15
ADSQPMSE	U	PDS	FB	80	16	5
ADSQDBMD	U	PDS	FB	80	11	5
ADSQCHRT	U	PDS	FB	400	3	5
ADSQMAPE	U	PDS	FB	400	5	5
ADSQPVRE	U	NONE	V	27960	150	5
ARAALOAD	U	PDS	U	0	300	15
ARAASRCE	U	PDS	FB	80	400	30
ARQWBASE	U	PDS	FB	80	4	5
ARQWHFS	U	PDS	VB	256	151	20
ADSQMACU	U	PDS	FB	80	76	30
ADSQPMSU	U	PDS	FB	80	7	15
ADSQMAPU	U	PDS	FB	400	4	5
ADSQPVRU	U	PDS	V	31996	125	5
ADSQMACQ	U	PDS	FB	80	76	30
ADSQPMSQ	U	PDS	FB	80	7	15
ADSQMAPQ	U	PDS	FB	400	4	5
ADSQPVRQ	U	PDS	V	31996	125	5
ADSQMACF	U	PDS	FB	80	76	30
ADSQPMSF	U	PDS	FB	80	7	15
ADSQMAPF	U	PDS	FB	400	4	5
ADSQPVRF	U	PDS	V	31996	125	5

Figure 52 (Page 2 of 3). Storage Requirements for QMF Enterprise Edition and National Language Version Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
ADSQMACD	U	PDS	FB	80	76	30
ADSQPMSD	U	PDS	FB	80	7	15
ADSQMAPD	U	PDS	FB	400	4	5
ADSQPVRD	U	PDS	V	31996	125	5
ADSQMACI	U	PDS	FB	80	76	30
ADSQPMSI	U	PDS	FB	80	7	15
ADSQMAPI	U	PDS	FB	400	4	5
ADSQPVRI	U	PDS	V	31996	125	5
ADSQMACK	U	PDS	FB	80	76	30
ADSQPMSK	U	PDS	FB	80	7	15
ADSQMAPK	U	PDS	FB	400	4	5
ADSQPVRK	U	PDS	V	31996	125	5
ADSQMACH	U	PDS	FB	80	76	30
ADSQPMSH	U	PDS	FB	80	7	15
ADSQMAPH	U	PDS	FB	400	4	5
ADSQPVRH	U	PDS	V	31996	125	5
ADSQMACP	U	PDS	FB	80	76	30
ADSQPMSP	U	PDS	FB	80	7	15
ADSQMAPP	U	PDS	FB	400	4	5
ADSQPVRP	U	PDS	V	31996	125	5
ADSQMACS	U	PDS	FB	80	76	30
ADSQPMSS	U	PDS	FB	80	7	15
ADSQMAPS	U	PDS	FB	400	4	5
ADSQPVRS	U	PDS	V	31996	125	5
ADSQMACV	U	PDS	FB	80	76	30
ADSQPMSV	U	PDS	FB	80	7	15
ADSQMAPV	U	PDS	FB	400	4	5
ADSQPVRV	U	PDS	V	31996	125	5
ADSQMACY	U	PDS	FB	80	76	30

Figure 52 (Page 3 of 3). Storage Requirements for QMF Enterprise Edition and National Language Version Distribution Libraries

Library DDNAME	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
ADSQPMSY	U	PDS	FB	80	7	15
ADSQMAPY	U	PDS	FB	400	4	5
ADSQPVRY	U	PDS	V	31996	125	5
ADSQMACZ	U	PDS	FB	80	76	30
ADSQPMSZ	U	PDS	FB	80	7	15
ADSQMAPZ	U	PDS	FB	400	4	5
ADSQPVRZ	U	PDS	V	31996	125	5
ADSQMACC	U	PDS	FB	80	76	30
ADSQPMSC	U	PDS	FB	80	7	15
ADSQMAPC	U	PDS	FB	400	4	5
ADSQPVRC	U	PDS	V	31996	125	5

The following figures list data sets that are not used by SMP/E, but are required for QMF Enterprise Edition National Language Version to execute.

Note: The QMF V8.1 Enterprise Edition Base Non-SMP/E data Set is, DSQPNLE. The Non-SMP/E Data Sets for the National Languages are shown in the Non-SMP/E Storage Requirements Table in Figure 53. These data sets are identified by their language identifier defined in Figure 49.

Note: For information pertaining to the usage of the VSAM panel data sets below, please refer to Section 6.2, "Activating QMF Enterprise Edition National Language Version" on page 62.

Figure 53 (Page 1 of 2). Storage Requirements for QMF Enterprise Edition and National Language Version Non-SMP/E Data Sets

Data Set Name	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
DSQPNLE	U	VSAM	VS	32756	135	-
DSQPNLU	U	VSAM	VS	32756	135	-
DSQPNLQ	U	VSAM	VS	32756	135	-
DSQPNLF	U	VSAM	VS	32756	135	-
DSQPNLD	U	VSAM	VS	32756	135	-

Figure 53 (Page 2 of 2). Storage Requirements for QMF Enterprise Edition and National Language Version Non-SMP/E Data Sets

Data Set Name	T Y P E	O R G	R E C F M	L R E C L	No. of 3390 Trks	No. of DIR Blks
DSQPNI	U	VSAM	VS	32756	135	-
DSQPNLK	U	VSAM	VS	32756	135	-
DSQPNLH	U	VSAM	VS	32756	135	-
DSQPNLP	U	VSAM	VS	32756	135	-
DSQPNLS	U	VSAM	VS	32756	135	-
DSQPNLV	U	VSAM	VS	32756	135	-
DSQPNLY	U	VSAM	VS	32756	135	-
DSQPNLZ	U	VSAM	VS	32756	135	-
DSQPNLC	U	VSAM	VS	32756	135	-

5.3 FMIDs Deleted

Installing QMF Enterprise Edition National Language Version may result in the deletion of other FMIDs. To see what FMIDs will be deleted, examine the ++VER statement in the product's SMPMCS.

If you do not wish to delete these FMIDs at this time, you must install QMF Enterprise Edition National Language Version into separate SMP/E target and distribution zones.

Note: These FMIDs will not automatically be deleted from the Global Zone. Consult the SMP/E manuals for instructions on how to do this.

5.4 Special Considerations

QMF Enterprise Edition National Language Version has no special considerations for the target system.

6.0 Installation Instructions

This chapter describes the installation method and the step-by-step procedures to install and to activate the functions of QMF Enterprise Edition National Language Version.

Please note the following:

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

Note: Upon completion of the installation for QMF Enterprise Edition National Language Version please refer to Section 6.2, “Activating QMF Enterprise Edition National Language Version” on page 62 for required activation steps.

6.1 Installing QMF Enterprise Edition National Language Version

6.1.1 SMP/E Considerations for Installing QMF Enterprise Edition National Language Version

This release of QMF Enterprise Edition National Language Version is installed using the SMP/E RECEIVE, APPLY, and ACCEPT commands. The SMP/E dialogs may be used to accomplish the SMP/E installation steps.

Sample jobs are provided to assist you in installing QMF Enterprise Edition National Language Version. After the RECEIVE step has been completed, the sample jobs can be found in SMPTLIB:

- IBM.HSQ8810.F3 - QMF TSO/CICS Base
- IBM.JSQ8851.F3 - Upper Case English
- IBM.JSQ8855.F3 - Danish
- IBM.JSQ8856.F3 - French
- IBM.JSQ8857.F3 - German
- IBM.JSQ8858.F3 - Italian
- IBM.JSQ8859.F3 - Japanese
- IBM.JSQ885A.F3 - Korean
- IBM.JSQ885B.F3 - Brazilian Portuguese
- IBM.JSQ885C.F3 - Spanish
- IBM.JSQ885D.F3 - Swedish
- IBM.JSQ885E.F3 - Swiss French
- IBM.JSQ885F.F3 - Swiss German
- IBM.JSQ885G.F3 - Canadian French

Make a copy of these jobs in your own library and modify them to use during the installation of QMF Enterprise Edition National Language Version.

6.1.2 SMP/E Options Subentry Values

The recommended values for some SMP/E CSI subentries are shown in Figure 54 on page 39. Use of values lower than these may result in failures in the installation process. DSSPACE is a subentry in the GLOBAL options entry. PEMAX is a subentry of the GENERAL entry in the GLOBAL options entry. Refer to the SMP/E manuals for instructions on updating the global zone.

<i>Figure 54. SMP/E Options Subentry Values</i>		
SUB-ENTRY	Value	Comment
DSSPACE	(200,200,500)	3390 DASD Tracks
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.

6.1.3 SMP/E CALLLIBS Processing

6.1.4 SMP/E CALLLIBS and SIDE DECK PROCESSING

QMF Enterprise Edition National Language Version uses the CALLLIBS function provided in SMP/E to resolve external references during installation. When QMF Enterprise Edition National Language Version is installed, ensure that DDDEFs exist for the following libraries:

- SDFHLOAD
- SCEELKED
- SDSQLOAD

QMF Enterprise Edition National Language Version also uses Side Deck processing during link edits. When QMF Enterprise Edition National Language Version is installed, ensure that the DDDEFs exist for the following libraries:

- SDSNLOAD

Note: The DDDEFs above are used only to resolve the link-edit for QMF Enterprise Edition National Language Version using CALLLIBS and SIDE DECK processing. These data sets are not updated during the installation of QMF Enterprise Edition National Language Version.

6.1.5 Sample Jobs

The following sample installation jobs are provided as part of the product to help you install QMF Enterprise Edition National Language Version:

Note: QMF TSO/CICS Base is a prerequisite for QMF for TSO/CICS National Language Version.

Figure 55. Sample Installation Jobs for Enterprise Edition

Job Name	Job Type	Description	RELFILE
DSQ1BEAA	SMP/E	Sample job to allocate and initialize a new SMP/E CSI data set (Optional)	IBM.HSQ8810.F3
DSQ1BEAB	SMP/E	Sample job to allocate SMP/E data sets new SMP/E CSI data set (Optional)	IBM.HSQ8810.F3
DSQ1EJRC	RECEIVE	Sample RECEIVE job for QMF for TSO/CICS	IBM.HSQ8810.F3
DSQ1EJRH	RECEIVE	Sample RECEIVE job for QMF HPO	IBM.HSQ8810.F3
DSQ1EJRW	RECEIVE	Sample RECEIVE job QMF for WebSphere	IBM.HSQ8810.F3
DSQ1EEAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HSQ8810.F3
DSQ1BMKD	MKDIR	Sample job to invoke the supplied DSQ1BDIR EXEC to allocate HFS paths	IBM.HSQ8810.F3
DSQ1EEDF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HSQ8810.F3
DSQ1EEAP	APPLY	Sample APPLY job	IBM.HSQ8810.F3
DSQ1EEAC	ACCEPT	Sample ACCEPT job	IBM.HSQ8810.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 55 on page 39 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

Enterprise Edition (QMF TSO/CICS Base, QMF HPO, and QMF for WebSphere)

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.HSQ8810.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.HSQ8810.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(20,10,10))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1BEAA,DSQ1BEAB,DSQ1BMKD,DSQ1BDIR)
SELECT MEMBER=(DSQ1EJRC,DSQ1EJRH,DSQ1EJRW)
```

```

SELECT MEMBER=(DSQ1EEAL,DSQ1EEDF,DSQ1EEAP,DSQ1EEAC)
/*

```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.HSQ8810.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

<i>Figure 56. Sample Installation Jobs for Upper Case English</i>			
Job Name	Job Type	Description	RELFILE
DSQ1UJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ8851.F3
DSQ1UJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ8851.F3
DSQ1UDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ8851.F3
DSQ1UJAP	APPLY	Sample APPLY job	IBM.JSQ8851.F3
DSQ1UJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ8851.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 56 on page 41 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Uppercase English

```

//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ8851.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ8851.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,

```

```
//      DISP=(NEW,CATLG,DELETE),
//      VOL=SER=dasdvol,UNIT=SYSALLDA,
//      SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN  DD *
        COPY INDD=xxxxIN,OUTDD=OUT
        SELECT MEMBER=(DSQ1UJRC,DSQ1UJAL,DSQ1UDEF,DSQ1UJAP,DSQ1UJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ8851.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

<i>Figure 57. Sample Installation Jobs for Danish</i>			
Job Name	Job Type	Description	RELFILE
DSQ1QJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ8855.F3
DSQ1QJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ8855.F3
DSQ1QDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ8855.F3
DSQ1QJAP	APPLY	Sample APPLY job	IBM.JSQ8855.F3
DSQ1QJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ8855.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 57 on page 42 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Danish

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ8855.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ8855.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1QJRC,DSQ1QJAL,DSQ1QDEF,DSQ1QJAP,DSQ1QJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ8855.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

<i>Figure 58. Sample Installation Jobs for French</i>			
Job Name	Job Type	Description	RELFILE
DSQ1FJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ8856.F3
DSQ1FJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ8856.F3
DSQ1FDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ8856.F3
DSQ1FJAP	APPLY	Sample APPLY job	IBM.JSQ8856.F3
DSQ1FJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ8856.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 58 on page 43 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for French

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ8856.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ8856.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1FJRC,DSQ1FJAL,DSQ1FDEF,DSQ1FJAP,DSQ1FJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ8856.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 59 (Page 1 of 2). Sample Installation Jobs for German

Job Name	Job Type	Description	RELFILE
DSQ1DJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ8857.F3
DSQ1DJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ8857.F3
DSQ1DDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ8857.F3
DSQ1DJAP	APPLY	Sample APPLY job	IBM.JSQ8857.F3

Figure 59 (Page 2 of 2). Sample Installation Jobs for German

Job Name	Job Type	Description	RELFILE
DSQ1DJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ8857.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 59 on page 44 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for German

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ8857.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ8857.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1DJRC,DSQ1DJAL,DSQ1DDEF,DSQ1DJAP,DSQ1DJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ8857.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 60. Sample Installation Jobs for Italian

Job Name	Job Type	Description	RELFILE
DSQ1IJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ8858.F3
DSQ1IJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ8858.F3
DSQ1IDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ8858.F3
DSQ1IJAP	APPLY	Sample APPLY job	IBM.JSQ8858.F3
DSQ1IJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ8858.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 60 on page 45 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Italian

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ8858.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ8858.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jc1-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1IJRC,DSQ1IJAL,DSQ1IDEF,DSQ1IJAP,DSQ1IJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ8858.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 61. Sample Installation Jobs for Japanese

Job Name	Job Type	Description	RELFIL
DSQ1KJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ8859.F3
DSQ1KJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ8859.F3
DSQ1KDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ8859.F3
DSQ1KJAP	APPLY	Sample APPLY job	IBM.JSQ8859.F3
DSQ1KJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ8859.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 61 on page 47 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Japanese

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ8859.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ8859.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1KJRC,DSQ1KJAL,DSQ1KDEF,DSQ1KJAP,DSQ1KJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ8859.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Job Name	Job Type	Description	RELFILE
DSQ1HJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885A.F3
DSQ1HJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885A.F3
DSQ1HDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885A.F3
DSQ1HJAP	APPLY	Sample APPLY job	IBM.JSQ885A.F3
DSQ1HJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885A.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 62 on page 48 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Korean

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885A.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885A.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
```

```

COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1HJRC,DSQ1HJAL,DSQ1HDEF,DSQ1HJAP,DSQ1HJAC)
/*

```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885A.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

<i>Figure 63. Sample Installation Jobs for Brazilian Portuguese</i>			
Job Name	Job Type	Description	RELFILE
DSQ1PJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885B.F3
DSQ1PJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885B.F3
DSQ1PDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885B.F3
DSQ1PJAP	APPLY	Sample APPLY job	IBM.JSQ885B.F3
DSQ1PJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885B.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 63 on page 49 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Brazilian Portuguese

```

//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885B.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885B.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol

```

```

//OUT      DD DSNAME=jcl-library-name,
//          DISP=(NEW,CATLG,DELETE),
//          VOL=SER=dasdvol,UNIT=SYSALLDA,
//          SPACE=(TRK,(15,10,5))
//SYSUT3   DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN    DD *
           COPY INDD=xxxxIN,OUTDD=OUT
           SELECT MEMBER=(DSQ1PJRC,DSQ1PJAL,DSQ1PDEF,DSQ1PJAP,DSQ1PJAC)
/*

```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885B.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 64. Sample Installation Jobs for Spanish

Job Name	Job Type	Description	RELFILE
DSQ1SJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885C.F3
DSQ1SJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885C.F3
DSQ1SDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885C.F3
DSQ1SJAP	APPLY	Sample APPLY job	IBM.JSQ885C.F3
DSQ1SJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885C.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 64 on page 50 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Spanish

```

//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885C.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885C.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1SJRC,DSQ1SJAL,DSQ1SDEF,DSQ1SJAP,DSQ1SJAC)
/*

```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885C.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 65. Sample Installation Jobs for Swedish

Job Name	Job Type	Description	RELFILE
DSQ1VJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885D.F3
DSQ1VJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885D.F3
DSQ1VDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885D.F3
DSQ1VJAP	APPLY	Sample APPLY job	IBM.JSQ885D.F3
DSQ1VJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885D.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 65 on page 51 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Swedish

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885D.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885D.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1VJRC,DSQ1VJAL,DSQ1VDEF,DSQ1VJAP,DSQ1VJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885D.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 66 (Page 1 of 2). Sample Installation Jobs Swiss French

Job Name	Job Type	Description	RELFILE
DSQ1YJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885E.F3
DSQ1YJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885E.F3
DSQ1YDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885E.F3
DSQ1YJAP	APPLY	Sample APPLY job	IBM.JSQ885E.F3

Figure 66 (Page 2 of 2). Sample Installation Jobs Swiss French

Job Name	Job Type	Description	RELFILE
DSQ1YJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885E.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 66 on page 52 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Swiss French

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885E.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885E.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1YJRC,DSQ1YJAL,DSQ1YDEF,DSQ1YJAP,DSQ1YJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885E.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 67. Sample Installation Jobs for Swiss German

Job Name	Job Type	Description	RELFILE
DSQ1ZJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885F.F3
DSQ1ZJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885F.F3
DSQ1ZDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885F.F3
DSQ1ZJAP	APPLY	Sample APPLY job	IBM.JSQ885F.F3
DSQ1ZJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885F.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 67 on page 53 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Swiss German

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885F.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885F.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1ZJRC,DSQ1ZJAL,DSQ1ZDEF,DSQ1ZJAP,DSQ1ZJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885F.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

Figure 68. Sample Installation Jobs for Canadian French

Job Name	Job Type	Description	RELFILE
DSQ1CJRC	RECEIVE	Sample RECEIVE job	IBM.JSQ885G.F3
DSQ1CJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.JSQ885G.F3
DSQ1CDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.JSQ885G.F3
DSQ1CJAP	APPLY	Sample APPLY job	IBM.JSQ885G.F3
DSQ1CJAC	ACCEPT	Sample ACCEPT job	IBM.JSQ885G.F3

You can access the sample installation jobs by performing an SMP/E RECEIVE and then copying the jobs from the relfiles to a work data set for editing and submission. See Figure 68 on page 55 to find the appropriate relfile data set.

You may also choose to copy the jobs from the tape or product files by submitting the job below. Use either the //TAPEIN or the //FILEIN DD statement, depending on your distribution medium, and comment out or delete the other statement. Add a job card and change the lowercase parameters to uppercase values to meet your site's requirements before submitting.

National Language Version for Canadian French

```
//STEP1 EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//TAPEIN DD DSN=IBM.JSQ885G.F3,UNIT=tunit,
// VOL=SER=volser,LABEL=(x,SL),
// DISP=(OLD,KEEP)
//FILEIN DD DSN=IBM.JSQ885G.F3,UNIT=SYSALLDA,DISP=SHR,
// VOL=SER=filevol
//OUT DD DSNAME=jcl-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdvol,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1CJRC,DSQ1CJAL,DSQ1CDEF,DSQ1CJAP,DSQ1CJAC)
/*
```

In the sample above, update the statements as noted below:

If using TAPEIN:

tunit is the unit value matching the product tape.

volser is the volume serial matching the product tape.

x is the tape file number where the data set name is on the tape.

Refer to the documentation provided by CBPDO to see where IBM.JSQ885G.F3 is on the tape.

If using FILEIN

filevol is the volume serial of the DASD device where the downloaded files reside.

OUT

jcl-library-name is the name of the output data set where the sample jobs will be stored.

dasdvol is the volume serial of the DASD device where the output data set will reside.

SYSIN

xxxxIN is either TAPEIN or FILEIN depending on your input DD statement.

6.1.6 Allocate SMP/E CSI (Optional)

If you are using an existing CSI, do not execute this job.

If you are allocating a new SMP/E data set for this install, edit, and submit sample job DSQ1BEAA to allocate the SMP/E data set for QMF Enterprise Edition National Language Version.

Expected Return Codes and Messages: You will receive a return code of 0 if this job runs correctly.

6.1.7 Initialize CSI zones (Optional)

Edit and submit sample job DSQ1BEAB to initialize SMP/E zones for QMF Enterprise Edition National Language Version. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code of 0 if this job runs correctly.

6.1.8 Perform SMP/E RECEIVE

Having obtained QMF Enterprise Edition National Language Version as part of a CBPDO, use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the QMF Enterprise Edition National Language Version FMIDs as well as any service, HOLDDATA, or preventive service planning (PSP) information included on the CBPDO tape. For more information, refer to the documentation included with the CBPDO.

- If you are installing QMF for TSO/CICS, FMID HSQ8810 for the first time, then edit and submit sample job DSQ1EJRC to perform the SMP/E RECEIVE for HSQ8810. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages for DSQ1EJRC: You will receive a return code 0 if this job runs correctly.

- If you are installing QMF HPO, FMID HHP8810 for the first time, then edit and submit sample job DSQ1EJRH to perform the SMP/E RECEIVE for HHP8810. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages for DSQ1EJRH: You will receive a return code 0 if this job runs correctly.

- If you are installing QMF for WebSphere, FMID HRQW810 for the first time, then edit and submit sample job DSQ1EJRW to perform the SMP/E RECEIVE for HRQW810. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages for DSQ1EJRW: You will receive a return code 0 if this job runs correctly.

You can also choose to edit and submit the sample job below to perform the SMP/E RECEIVE for the National Language Version you have selected.

- DSQ1UJRC - for National Language Version for Uppercase English
- DSQ1QJRC - for National Language Version for Danish
- DSQ1FJRC - for National Language Version for French
- DSQ1DJRC - for National Language Version for German
- DSQ1IJRC - for National Language Version for Italian
- DSQ1KJRC - for National Language Version for Japanese
- DSQ1HJRC - for National Language Version for Korean
- DSQ1PJRC - for National Language Version for Brazilian Portuguese
- DSQ1SJRC - for National Language Version for Spanish
- DSQ1VJRC - for National Language Version for Swedish

- DSQ1YJRC - for National Language Version for Swiss French
- DSQ1ZJRC - for National Language Version for Swiss German
- DSQ1CJRC - for National Language Version for Canadian French

Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

6.1.9 Allocate SMP/E Target and Distribution Libraries

Edit and submit sample job DSQ1EEAL to allocate the SMP/E target and distribution libraries for QMF Enterprise Edition National Language Version. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

Edit and submit sample job below to allocate the SMP/E target and distribution libraries for QMF TSO/CICS Base and the National Language Version you have selected.

- DSQ1UJAL - for National Language Version for Uppercase English
- DSQ1QJAL - for National Language Version for Danish
- DSQ1FJAL - for National Language Version for French
- DSQ1DJAL - for National Language Version for German
- DSQ1IJAL - for National Language Version for Italian
- DSQ1KJAL - for National Language Version for Japanese
- DSQ1HJAL - for National Language Version for Korean
- DSQ1PJAL - for National Language Version for Brazilian Portuguese
- DSQ1SJAL - for National Language Version for Spanish
- DSQ1VJAL - for National Language Version for Swedish
- DSQ1YJAL - for National Language Version for Swiss French
- DSQ1ZJAL - for National Language Version for Swiss German
- DSQ1CJAL - for National Language Version for Canadian French

Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code of 0 if this job runs correctly.

6.1.10 Allocate HFS Paths

Edit and submit sample job DSQ1BMKD to allocate the HFS paths for QMF Enterprise Edition National Language Version. Consult the instructions in the sample job for more information.

The DSQ1BMKD job invokes the DSQ1BDIR exec to create the QMF directory under -PathPrefix-/usr/lpp where -PathPrefix- is the high level directory name. Insure the directory path -PathPrefix-/usr/lpp exists prior to running the job.

If you plan to create a new HFS for this product, you should consider updating the BPXPRMxx PARMLIB member to mount the new HFS at IPL time. This may be helpful if an IPL occurs before the installation is complete.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

6.1.11 Create DDDEF Entries

Edit and submit sample job DSQ1EEDF to create DDDEF entries for the SMP/E target and distribution libraries for QMF Enterprise Edition National Language Version. Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code 0 if this job runs correctly.

Edit and submit sample job below to create DDDEF entries for the SMP/E target and distribution libraries for the National Language Version you have selected.

- DSQ1UDEF - for National Language Version for Uppercase English
- DSQ1QDEF - for National Language Version for Danish
- DSQ1FDEF - for National Language Version for French
- DSQ1DDEF - for National Language Version for German
- DSQ1IDEF - for National Language Version for Italian
- DSQ1KDEF - for National Language Version for Japanese
- DSQ1HDEF - for National Language Version for Korean
- DSQ1PDEF - for National Language Version for Brazilian Portuguese
- DSQ1SDEF - for National Language Version for Spanish
- DSQ1VDEF - for National Language Version for Swedish
- DSQ1YDEF - for National Language Version for Swiss French
- DSQ1ZDEF - for National Language Version for Swiss German
- DSQ1CDEF - for National Language Version for Canadian French

Consult the instructions in the sample job for more information.

Expected Return Codes and Messages: You will receive a return code of 0 if this job runs correctly.

6.1.12 Perform SMP/E APPLY

Edit and submit sample job DSQ1EEAP to perform an SMP/E APPLY CHECK for QMF Enterprise Edition National Language Version. Consult the instructions in the sample job for more information.

This job must run on a system that has z/OS UNIX or OS/390 UNIX in full-function mode (with the shell and utilities available) and have access to the file system containing the QMF for WebSphere HFS path -PathPrefix-/usr/lpp. The user ID under which the job executes must be defined to use z/OS UNIX or OS/390 UNIX (must have an OMVS segment). In addition, the user ID must have access permissions to the -PathPrefix-/usr/lpp directory so that it can create subdirectories. Superuser status is required to preserve access permission bits.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the APPLY CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Once you have taken any actions indicated by the APPLY CHECK, remove the CHECK operand and run the job again to perform the APPLY.

Note: The GROUPEXTEND operand indicates that SMP/E apply all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from APPLY CHECK: You will receive a return code of 0 if this job runs correctly.

Expected Return Codes and Messages from APPLY: This job should complete with a return code 4 or less, and may issue any of the following messages which do not affect product installation: GIM23903I, GIM23903W or GIM23913W and IEW2454W.

Edit and submit sample job below to perform an SMP/E APPLY CHECK for the National Language Version you have selected.

- DSQ1UJAP - for National Language Version for Uppercase English
- DSQ1QJAP - for National Language Version for Danish
- DSQ1FJAP - for National Language Version for French
- DSQ1DJAP - for National Language Version for German
- DSQ1IJAP - for National Language Version for Italian
- DSQ1KJAP - for National Language Version for Japanese
- DSQ1HJAP - for National Language Version for Korean
- DSQ1PJAP - for National Language Version for Brazilian Portuguese
- DSQ1SJAP - for National Language Version for Spanish
- DSQ1VJAP - for National Language Version for Swedish
- DSQ1YJAP - for National Language Version for Swiss French
- DSQ1ZJAP - for National Language Version for Swiss German
- DSQ1CJAP - for National Language Version for Canadian French

Consult the instructions in the sample job for more information.

Expected Return Codes and Messages from APPLY CHECK: You will receive a return code of 0 if this job runs correctly.

Expected Return Codes and Messages from APPLY: You will receive a return code of 0 if this job runs correctly.

Note!

Make sure the QMF Enterprise Edition PTFs which were listed under section 4.2, "Service Level Information" on page 19 are installed after this SMP/E APPLY step.

6.1.13 Perform SMP/E ACCEPT

Edit and submit sample job DSQ1EEAC to perform an SMP/E ACCEPT CHECK for QMF Enterprise Edition National Language Version. Consult the instructions in the sample job for more information.

To receive the full benefit of the SMP/E Causer SYSMOD Summary Report, do *not* bypass the following on the ACCEPT CHECK: PRE, ID, REQ, and IFREQ. This is because the SMP/E root cause analysis identifies the cause only of **ERRORS** and not of **WARNINGS** (SYSMODs that are bypassed are treated as warnings, not errors, by SMP/E).

Before using SMP/E to load new distribution libraries, it is recommended that you set the ACCJCLIN indicator in the distribution zone. This will cause entries produced from JCLIN to be saved in the distribution zone whenever a SYSMOD containing inline JCLIN is ACCEPTed. For more information on the ACCJCLIN indicator, see the description of inline JCLIN in the SMP/E manuals.

Once you have taken any actions indicated by the ACCEPT CHECK, remove the CHECK operand and run the job again to perform the ACCEPT.

Note: The GROUPEXTEND operand indicates that SMP/E accept all requisite SYSMODs. The requisite SYSMODS might be applicable to other functions.

Expected Return Codes and Messages from ACCEPT CHECK: You will receive a return code of 0 if this job runs correctly.

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

Expected Return Codes and Messages from ACCEPT: You will receive a return code of 0 if this job runs correctly.

Edit and submit sample job below to perform an SMP/E ACCEPT CHECK for the National Language Version you have selected.

- DSQ1UJAC - for National Language Version for Uppercase English
- DSQ1QJAC - for National Language Version for Danish
- DSQ1FJAC - for National Language Version for French
- DSQ1DJAC - for National Language Version for German
- DSQ1IJAC - for National Language Version for Italian
- DSQ1KJAC - for National Language Version for Japanese
- DSQ1HJAC - for National Language Version for Korean
- DSQ1PJAC - for National Language Version for Brazilian Portuguese
- DSQ1SJAC - for National Language Version for Spanish
- DSQ1VJAC - for National Language Version for Swedish
- DSQ1YJAC - for National Language Version for Swiss French
- DSQ1ZJAC - for National Language Version for Swiss German
- DSQ1CJAC - for National Language Version for Canadian French

Consult the instructions in the sample job for more information.

Expected Return Codes and Messages from ACCEPT CHECK: You will receive a return code of 0 if this job runs correctly.

Expected Return Codes and Messages from ACCEPT: You will receive a return code of 0 if this job runs correctly.

6.1.14 Run REPORT CROSSZONE

The SMP/E REPORT CROSSZONE command will identify requisites defined for products that have been installed in separate zones. This command will also create APPLY and ACCEPT commands in the SMPPUNCH data set which you can use to install those cross-zone requisites it identifies.

After you have installed QMF Enterprise Edition National Language Version, it is recommended that you run REPORT CROSSZONE against the new or updated target and distribution zones. REPORT CROSSZONE requires a global zone with ZONEINDEX entries describing all the target and distribution libraries to be reported on.

For more information on REPORT CROSSZONE, see the SMP/E manuals.

6.2 Activating QMF Enterprise Edition National Language Version

Once you have run the APPLY and/or ACCEPT and your SMP/E installation is completed for QMF Enterprise Edition National Language Version the QMF VSAM panel library, must be populated. The VSAM panel library data set was created when the job(s) were run from section 6.1.9, "Allocate SMP/E Target and Distribution Libraries" on page 58 of this Program Directory. Run the corresponding job for each QMF National Language Version being accessed.

Note!

To perform this task, edit and run job:

- SDSQSAPE(DSQ1EPNL): For QMF TSO/CICS Base, this job will copy SDSQPVRE(DSQPNLE) to the VSAM panel data set DSQPNLE.
- SDSQSAPU(DSQ1UPNL): For Uppercase English, this job will copy SDSQPVRU(DSQPNLU) to the VSAM panel data set DSQPNLU.
- SDSQSAPQ(DSQ1QPNL): For Danish, this job will copy SDSQPVRQ(DSQPNLQ) to the VSAM panel data set DSQPNLQ.
- SDSQSAPF(DSQ1FPNL): For French, this job will copy SDSQPVRF(DSQPNLF) to the VSAM panel data set DSQPNLF.
- SDSQSAPD(DSQ1DPNL): For German, this job will copy SDSQPVRD(DSQPNLD) to the VSAM panel data set DSQPNLD.
- SDSQSAPI(DSQ1IPNL): For Italian, this job will copy SDSQPVRI(DSQPNLI) to the VSAM panel data set DSQPNLI.
- SDSQSAPK(DSQ1KPNL): For Japanese, this job will copy SDSQPVRK(DSQPNLK) to the VSAM panel data set DSQPNLK.
- SDSQSAPH(DSQ1HPNL): For Korean, this job will copy SDSQPVRH(DSQPNLH) to the VSAM panel data set DSQPNLH.
- SDSQSAPP(DSQ1PPNL): For Brazilian Portuguese, this job will copy SDSQPVRP(DSQPNLP) to the VSAM panel data set DSQPNLP.
- SDSQSAPS(DSQ1SPNL): For Spanish, this job will copy SDSQPVRS(DSQPNLS) to the VSAM panel data set DSQPNLS.
- SDSQSAPV(DSQ1VPNL): For Swedish, this job will copy SDSQPVRV(DSQPNLV) to the VSAM panel data set DSQPNLV.
- SDSQSAPY(DSQ1YPNL): For Swiss French, this job will copy SDSQPVRV(DSQPNLY) to the VSAM panel data set DSQPNLY.
- SDSQSAPZ(DSQ1ZPNL): For Swiss German, this job will copy SDSQPVRZ(DSQPNLZ) to the VSAM panel data set DSQPNLZ.
- SDSQSAPC(DSQ1CPNL): For Canadian French, this job will copy SDSQPVRC(DSQPNLC) to the VSAM panel data set DSQPNLC.

After this this job has completed successfully, refer to the the publication, *Installing and Managing DB2 QMF for TSO/CICS, GC18-7444* which contains the step-by-step procedures to activate QMF for TSO/CICS.

Note: QMF for TSO/CICS users should reference the GDDM/MVS Program Directory GC33-1801 for further information on GDDM enablement and activation. Be sure to test the GDDM base installation following the process outlined in the GDDM Program Directory before trying to run QMF for TSO/CICS.

The publication, *DB2 QMF High Performance Option User's Guide for TSO/CICS, SC18-7450*, contains the step-by-step procedures to activate DB2 QMF High Performance Option.

After the SMP/E installation of QMF Enterprise Edition National Language Version, the following z/OS shell command should be run to expand the installation archive into the various components for the QMF for WebSphere product. Run this command from the -PathPrefix-/usr/lpp/qmf/ directory:

```
jar -xf ./ARQWHFS.JAR
```

Refer to the ASCII readme.txt file you will find in the -PathPrefix-/usr/lpp/qmf/ directory. The publication, *Installing and Managing DB2 QMF for Windows and DB2 QMF for WebSphere, GC18-7448*, contains the step-by-step procedures to activate QMF for WebSphere.

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Reader's Comments

Program Directory for QMF Enterprise Edition National Language Version, March 2004

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

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

How did you order this product?

- CBPDO
- CustomPac
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- 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 z/OS products?

- Yes

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Printed in U.S.A.

G110-8564-00

