



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

V08.01.00

Program Number 5625-DB2

for Use with  
z/OS

Document Date: March 2004

GI10-8562-00

**Note!**

Before using this information and the product it supports, be sure to read the general information under 7.0, "Notices" on page 58.

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

© **Copyright International Business Machines Corporation 1982, 2004. All rights reserved.**

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

---

# Contents

<b>1.0 Introduction</b>	1
1.1 QMF Classic Edition National Language Version Description	2
1.2 QMF Classic Edition National Language Version FMIDs	2
<b>2.0 Program Materials</b>	3
2.1 Basic Machine-Readable Material	3
2.2 Optional Machine-Readable Material	9
2.3 Program Publications	9
2.3.1 Basic Program Publications	10
2.3.2 Optional Program Publications	12
2.4 Program Source Materials	12
2.5 Publications Useful During Installation	12
<b>3.0 Program Support</b>	13
3.1 Program Services	13
3.2 Preventive Service Planning	13
3.3 Statement of Support Procedures	14
<b>4.0 Program and Service Level Information</b>	15
4.1 Program Level Information	15
4.2 Service Level Information	15
<b>5.0 Installation Requirements and Considerations</b>	16
5.1 Driving System Requirements	16
5.1.1 Machine Requirements	16
5.1.2 Programming Requirements	16
5.2 Target System Requirements	17
5.2.1 Machine Requirements	17
5.2.2 Programming Requirements	17
5.2.2.1 Installation Requisites	17
5.2.2.2 Operational Requisites	18
5.2.2.3 Toleration/Coexistence Requisites	19
5.2.2.4 Incompatibility (Negative) Requisites	19
5.2.3 DASD Storage Requirements	19
5.3 FMIDs Deleted	32
5.4 Special Considerations	32
<b>6.0 Installation Instructions</b>	33
6.1 Installing QMF Classic Edition National Language Version	33
6.1.1 SMP/E Considerations for Installing QMF Classic Edition National Language Version	33
6.1.2 SMP/E Options Subentry Values	34
6.1.3 SMP/E CALLLIBS and SIDE DECK PROCESSING	34

6.1.4	Sample Jobs	35
6.1.5	Allocate SMP/E CSI (Optional)	51
6.1.6	Initialize CSI zones (Optional)	52
6.1.7	Perform SMP/E RECEIVE	52
6.1.8	Allocate SMP/E Target and Distribution Libraries	52
6.1.9	Create DDDEF Entries	53
6.1.10	Perform SMP/E APPLY	53
6.1.11	Perform SMP/E ACCEPT	54
6.1.12	Run REPORT CROSSZONE	55
6.2	Activating QMF Classic Edition National Language Version	56
<b>7.0</b>	<b>Notices</b>	<b>58</b>
7.1	Trademarks	59
	<b>Reader's Comments</b>	<b>60</b>

---

## Figures

1.	Program File Content - QMF TSO/CICS Base	3
2.	Program File Content - Upper Case English	4
3.	Program File Content - Danish	4
4.	Program File Content - French	5
5.	Program File Content - German	5
6.	Program File Content - Italian	6
7.	Program File Content - Japanese	6
8.	Program File Content - Korean	6
9.	Program File Content - Brazilian Portuguese	7
10.	Program File Content - Spanish	7
11.	Program File Content - Swedish	8
12.	Program File Content - Swiss French	8
13.	Program File Content - Swiss German	8
14.	Program File Content - Canadian French	9
15.	Basic Material: Other Unlicensed or Licensed Publications - QMF TSO/CICS Base	10
16.	Basic Material: Other Unlicensed or Licensed Publications - French	10
17.	Basic Material: Other Unlicensed or Licensed Publications - German	10
18.	Basic Material: Other Unlicensed or Licensed Publications - Italian	11
19.	Basic Material: Other Unlicensed or Licensed Publications - Japanese	11
20.	Basic Material: Other Unlicensed or Licensed Publications - Korean	11
21.	Basic Material: Other Unlicensed or Licensed Publications - Brazilian Portuguese	11
22.	Basic Material: Other Unlicensed or Licensed Publications - Spanish	11
23.	Publications Useful During Installation	12
24.	PSP Upgrade and Subset ID	13

25.	Component IDs	14
26.	Driving System Software Requirements	16
27.	Mandatory Installation Requisites	17
28.	Mandatory Operational Requisites	18
29.	Conditional Operational Requisites	18
30.	Total DASD Space Required by QMF TSO/CICS	19
31.	Total DASD Space Required by National Language Version for Uppercase English	19
32.	Total DASD Space Required by National Language Version for Danish	19
33.	Total DASD Space Required by National Language Version for French	20
34.	Total DASD Space Required by National Language Version for German	20
35.	Total DASD Space Required by National Language Version for Italian	20
36.	Total DASD Space Required by National Language Version for Japanese	20
37.	Total DASD Space Required by National Language Version for Korean	20
38.	Total DASD Space Required by National Language Version for Brazilian Portuguese	21
39.	Total DASD Space Required by National Language Version for Spanish	21
40.	Total DASD Space Required by National Language Version for Swedish	21
41.	Total DASD Space Required by National Language Version for Swiss French	21
42.	Total DASD Space Required by National Language Version for Swiss German	22
43.	Total DASD Space Required by National Language Version for Canadian French	22
44.	QMF National Language Identifiers	24
45.	Storage Requirements for QMF Classic Edition and National Language Version Target Libraries	25
46.	Storage Requirements for QMF Classic Edition and National Language Version Distribution Libraries	29
47.	Storage Requirements for QMF Classic Edition and National Language Version Non-SMP/E Data Sets	31
48.	SMP/E Options Subentry Values	34
49.	Sample Installation Jobs for QMF TSO/CICS Base	35
50.	Sample Installation Jobs for Upper Case English	36
51.	Sample Installation Jobs for Danish	37
52.	Sample Installation Jobs for French	38
53.	Sample Installation Jobs for German	39
54.	Sample Installation Jobs for Italian	41
55.	Sample Installation Jobs for Japanese	42
56.	Sample Installation Jobs for Korean	43
57.	Sample Installation Jobs for Brazilian Portuguese	44
58.	Sample Installation Jobs for Spanish	45
59.	Sample Installation Jobs for Swedish	46
60.	Sample Installation Jobs Swiss French	47
61.	Sample Installation Jobs for Swiss German	49
62.	Sample Installation Jobs for Canadian French	50



---

## 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 Classic Edition National Language Version. This publication refers to QMF Classic Edition National Language Version as QMF NLV.

The Program Directory contains the following sections:

- 2.0, “Program Materials” on page 3 identifies the basic and optional program materials and documentation for QMF Classic Edition National Language Version.
- 3.0, “Program Support” on page 13 describes the IBM support available for QMF Classic Edition National Language Version.
- 4.0, “Program and Service Level Information” on page 15 lists the APARs (program level) and PTFs (service level) incorporated into QMF Classic Edition National Language Version.
- 5.0, “Installation Requirements and Considerations” on page 16 identifies the resources and considerations required for installing and using QMF Classic Edition National Language Version.
- 6.0, “Installation Instructions” on page 33 provides detailed installation instructions for QMF Classic Edition National Language Version. It also describes the procedures for activating the functions of QMF Classic Edition National Language Version, or refers to appropriate publications.

Before installing QMF Classic 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 13 tells you how to find any updates to the information and procedures in this Program Directory.

QMF Classic 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 Classic Edition National Language Version are included on the CBPDO tape.

Do not use this Program Directory if you are installing QMF Classic 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 Classic Edition National Language Version Description

This document refers to the Base English QMF for TSO/CICS product as well as the QMF National Language (translated) Version 8 Release 1 product.

IBM Query Management Facility (QMF) is a tightly integrated, powerful, and reliable tool that performs query and reporting for IBM's DB2 Relational Database Management System Family. It offers an easy-to-learn interactive interface. Users with little or no data processing experience can easily retrieve, create, update, insert, or delete data that is stored in DB2.

QMF offers a total solution that includes accessing large amounts of data and sharing central repositories of queries and enterprise reports. Additionally, it allows you to implement tightly-controlled, distributed, or client/server solutions. You also can use QMF to publish reports on the Internet.

Either of the following is a fully functional QMF Version 8 Release 1 Product:

- QMF for TSO/CICS
- QMF for TSO/CICS in conjunction with at least one National Language Version

**Note:** You must have the QMF for TSO/CICS product installed in order to use the National Language Version.

---

## 1.2 QMF Classic Edition National Language Version FMIDs

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

HSQ8810 (QMF TSO/CICS Base)  
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 Classic Edition National Language Version is 5625-DB2 and the feature numbers are 5892, and 6012.

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 Classic 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 33 for more information about how to install the program.

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

Figure 1 describes the program file content for QMF Classic Edition National Language Version. 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.

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

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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

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

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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	400	400

Figure 2. Program File Content - Upper Case English

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 3 (Page 1 of 2). Program File Content - Danish

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 4. Program File Content - French

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 5. Program File Content - German

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 6. Program File Content - Italian

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 6. Program File Content - Italian

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

Figure 7. Program File Content - Japanese

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 8 (Page 1 of 2). Program File Content - Korean

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 9. Program File Content - Brazilian Portuguese

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 10. Program File Content - Spanish

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 11. Program File Content - Swedish

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 11. Program File Content - Swedish

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

Figure 12. Program File Content - Swiss French

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 13 (Page 1 of 2). Program File Content - Swiss German

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 14. Program File Content - Canadian French

<b>Name</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>BLK SIZE</b>
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 Classic Edition National Language Version.

## 2.3 Program Publications

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

### 2.3.1 Basic Program Publications

Figure 15 on page 10 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 Classic Edition National Language Version.

Orderable and viewable via IBM Publications Center website:  
<http://www.ibm.com/shop/publications/order>

Figure 15. Basic Material: Other Unlicensed or Licensed Publications - QMF TSO/CICS Base

<b>Publication Title</b>	<b>Form Number</b>	<b>How Available</b>
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

Figure 15. Basic Material: Other Unlicensed or Licensed Publications - QMF TSO/CICS Base

Publication Title	Form Number	How Available
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

**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.

Figure 16. 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 17. 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 18. 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 19. 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

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

Publication Title	Form Number	How Available
DB2 QMF Messages and Codes	GC88-9835	Internet
Developing DB2 QMF Applications	SC88-9836	Internet
Installing and Managing DB2 QMF	GC88-9832	Internet

Figure 20. 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 21. 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 22 (Page 1 of 2). Basic Material: Other Unlicensed or Licensed Publications - Spanish

Publication Title	Form Number	How Available
Introducing DB2 QMF	GC10-3872	internet
Using DB2 QMF	SC10-3873	internet
DB2 QMF Reference	SC10-3874	internet

## 2.3.2 Optional Program Publications

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

## 2.4 Program Source Materials

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

---

## 2.5 Publications Useful During Installation

The publications listed in Figure 23 on page 12 may be useful during the installation of QMF Classic 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 23. Publications Useful During Installation</i>	
<b>Publication Title</b>	<b>Form Number</b>
<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 Classic 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 Classic Edition National Language Version, you must review the current Preventive Service Planning (PSP) information. If you obtained QMF Classic Edition National Language Version as part of a CBPDO, there is HOLDDATA and PSP information included on the CBPDO.

If the CBPDO for QMF Classic 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 Classic Edition National Language Version are:

*Figure 24 (Page 1 of 2). PSP Upgrade and Subset ID*

UPGRADE	SUBSET	Description
DB2810	HSQ8810	QMF TSO/CICS Base
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
DB2810	JSQ885C	QMF Spanish
DB2810	JSQ885D	QMF Swedish
DB2810	JSQ885E	QMF Swiss French

Figure 24 (Page 2 of 2). PSP Upgrade and Subset ID

UPGRADE	SUBSET	Description
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 25 identifies the component IDs (COMPID) for QMF Classic Edition National Language Version.

Figure 25. Component IDs

FMID	COMPID	Component Name	RETAIN Release
HSQ8810	566872101	QMF TSO/CICS Base	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 Classic 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 QMF NLV V8.1 products, except APARs PQ74337, PQ76597, PQ78230, PQ81406 and PQ83178 have not been incorporated into the QMF TSO/CICS Base FMID HSQ8810.

---

### **4.2 Service Level Information**

All PTFs which were closed before 03/19/04 are incorporated into QMF NLV V8.1 products, except QMF TSO/CICS Base PTFs UQ77741, UQ79145, UQ80137, UQ82977 and UQ84982 which will need to be installed right after the QMF TSO/CICS Base V8.1 product FMID HSQ8810 is SMP/E APPLYed.

---

## 5.0 Installation Requirements and Considerations

The following sections identify the system requirements for installing and activating QMF Classic Edition National Language Version. 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 Classic 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 26. Driving System Software Requirements*

<b>Program Number</b>	<b>Product Name and Minimum VRM/Service Level</b>
Any <b>one</b> 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 Classic Edition National Language Version.

QMF Classic 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 27. Mandatory Installation Requisites*

Program Number	Product Name and Minimum VRM/Service Level
Any <b>one</b> 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 <b>one</b> of the following:	
5625-DB2	DB2 UDB for z/OS V8.01.00 or later
5675-DB2	DB2 UDB for OS/390 V7.01.00
5645-DB2	DB2 UDB for OS/390 V6.01.00

**Note:** The CICS requisite is only for QMF TSO/CICS users who will run under CICS.

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 Classic 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 28. Mandatory Operational Requisites</i>	
Program Number	Product Name and Minimum VRM/Service Level
5695-167	GDDM V03.02.00 or later
Any <b>one</b> 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 <b>one</b> of the following:	
5625-DB2	DB2 UDB for z/OS V8.01.00 or later
5675-DB2	DB2 UDB for OS/390 V7.01.00
5645-DB2	DB2 UDB for OS/390 V6.01.00

**Note:** 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 29 do not apply if DB2 UDB for z/OS Version 8 (5625-DB2) is installed.

<i>Figure 29. Conditional Operational Requisites</i>		
Program Number	Product Name and Minimum VRM/Service Level	Function
Any <b>one</b> 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 Classic 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 Classic Edition National Language Version has no negative requisites.

### 5.2.3 DASD Storage Requirements

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

Figure 30 lists the total space required for each type of library for QMF TSO/CICS.

<i>Figure 30. Total DASD Space Required by QMF TSO/CICS</i>	
<b>Library Type</b>	<b>Total Space Required</b>
Target	3435 (3390) Blocks
Distribution	4070 (3390) Blocks

Figure 31 lists the total space required for each type of library for Uppercase English.

<i>Figure 31. Total DASD Space Required by National Language Version for Uppercase English</i>	
<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 32 lists the total space required for each type of library for Danish.

<i>Figure 32. Total DASD Space Required by National Language Version for Danish</i>	
<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 33 on page 20 lists the total space required for each type of library for French.

Figure 33. Total DASD Space Required by National Language Version for French

<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 34 lists the total space required for each type of library for German.

Figure 34. Total DASD Space Required by National Language Version for German

<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

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

Figure 35. Total DASD Space Required by National Language Version for Italian

<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

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

Figure 36. Total DASD Space Required by National Language Version for Japanese

<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks
Distribution	815 (3390) Blocks

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

Figure 37 (Page 1 of 2). Total DASD Space Required by National Language Version for Korean

<b>Library Type</b>	<b>Total Space Required</b>
Target	975 (3390) Blocks
Distribution	815 (3390) Blocks

Figure 38 on page 21 lists the total space required for each type of library for Brazilian Portuguese.

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

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

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

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

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

Figure 41 lists the total space required for each type of library for Swiss French.

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

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

<i>Figure 42. Total DASD Space Required by National Language Version for Swiss German</i>	
<b>Library Type</b>	<b>Total Space Required</b>
Target	900 (3390) Blocks

Figure 42. Total DASD Space Required by National Language Version for Swiss German

Library Type	Total Space Required
Distribution	815 (3390) Blocks

Figure 43 lists the total space required for each type of library for Canadian French.

Figure 43. Total DASD Space Required by National Language Version for Canadian French

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 6.1.8, "Allocate SMP/E Target and Distribution Libraries" on page 52.

3. 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.
4. 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.
5. 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 45, Figure 46, and Figure 47 describe the target and distribution libraries required to install QMF Classic Edition National Language Version. The storage requirements of QMF Classic Edition National Language Version must be added to the storage required by other programs having data in the same library.

**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.

<i>Figure 44. QMF National Language Identifiers</i>		
<b>Language</b>	<b>Language Identifier</b>	<b>FMID</b>
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

*Figure 44. QMF National Language Identifiers*

Language	Language Identifier	FMID
Swedish	V	JSQ885D
Swiss French	Y	JSQ885E
Swiss German	Z	JSQ882F
Canadian French	C	JSQ885G

**Note:** The QMF TSO/CICS V8.1 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 45 on page 25. The National Languages are identified by their language identifier defined in Figure 44.

**QMF TSO/CICS Base**

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

*Figure 45 (Page 1 of 5). Storage Requirements for QMF Classic Edition and National Language Version Target Libraries*

Library DDNAME	Member Type	Target Volume	T Y P E	O R G	R E C O R D S	L E N G T H	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	MSG	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

Figure 45 (Page 1 of 5). Storage Requirements for QMF Classic 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
SDSQPVRE	Data	any	U	PDS	V	27960	150	5
SDSQSAPU	Sample	any	U	PDS	FB	80	38	10
SDSQPLBU	Panel	any	U	PDS	FB	80	11	5
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

Figure 45 (Page 2 of 5). Storage Requirements for QMF Classic 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
SDSQEXCD	EXEC	any	U	PDS	FB	80	11	5
SDSQUSR	Sample	any	U	PDS	FB	80	16	5
SDSQMAPD	Data	any	U	PDS	FB	400	5	5
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
SDSQUSR	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

Figure 45 (Page 3 of 5). Storage Requirements for QMF Classic 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
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
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

Figure 45 (Page 4 of 5). Storage Requirements for QMF Classic 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
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
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

**Note:** The QMF TSO/CICS V8.1 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 46 on page 29. The National Languages are identified by their language identifier defined in Figure 44.

#### QMF TSO/CICS Base

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

Figure 46 (Page 1 of 3). Storage Requirements for QMF Classic Edition and National Language Version Distribution Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of 3390 Trks</b>	<b>No. of DIR Blks</b>
ADSQOBJ	U	PDS	U	0	253	105
ADSQACE	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	PDS	V	27960	150	5
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
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
ADSQAPI	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

Figure 46 (Page 2 of 3). Storage Requirements for QMF Classic Edition and National Language Version Distribution Libraries

<b>Library DDNAME</b>	<b>T Y P E</b>	<b>O R G</b>	<b>R E C F M</b>	<b>L R E C L</b>	<b>No. of 3390 Trks</b>	<b>No. of DIR Blks</b>
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
ADSQPM SV	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
ADSQPMSY	U	PDS	FB	80	7	15
ADSQMAPY	U	PDS	FB	400	4	5
ADSQPVR Y	U	PDS	V	31996	125	5
ADSQMACZ	U	PDS	FB	80	76	30
ADSQPM SZ	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
ADSQPM SC	U	PDS	FB	80	7	15
ADSQMAPC	U	PDS	FB	400	4	5

Figure 46 (Page 3 of 3). Storage Requirements for QMF Classic 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
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 Classic Edition National Language Version to execute.

**Note:** The QMF TSO/CICS V8.1 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 47. These data sets are identified by their language identifier defined in Figure 44.

**Note:** For information pertaining to the usage of the VSAM panel data sets below, please refer to Section 6.2, "Activating QMF Classic Edition National Language Version" on page 56.

Figure 47 (Page 1 of 2). Storage Requirements for QMF Classic 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	-
DSQPNLI	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 Classic 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 Classic 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 Classic 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 Classic Edition National Language Version.

The QMF Classic Edition National Language Version feature provides QMF for WebSphere on a CD-ROM and alternatively on a SMP/E installable tape. This section refers to the installation of QMF for WebSphere from tape.

Please note the following:

- If you want to install QMF Classic 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 Classic Edition National Language Version please refer to Section 6.2, "Activating QMF Classic Edition National Language Version" on page 56 for required activation steps.

---

### 6.1 Installing QMF Classic Edition National Language Version

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

This release of QMF Classic 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 Classic 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 Classic 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 48. 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 48. SMP/E Options Subentry Values</i>		
<b>SUB-ENTRY</b>	<b>Value</b>	<b>Comment</b>
DSSPACE	(210,210,520)	3390 DASD Tracks
PEMAX	SMP/E Default	IBM recommends using the SMP/E default for PEMAX.

## 6.1.3 SMP/E CALLLIBS and SIDE DECK PROCESSING

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

- SDFHLOAD
- SCEELKED
- SDSQLOAD

QMF Classic Edition National Language Version also uses Side Deck processing during link edits. When QMF Classic 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 Classic Edition National Language Version using CALLLIBS and SIDE DECK processing. These data sets are not updated during the installation of QMF Classic Edition National Language Version.

## 6.1.4 Sample Jobs

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

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

<i>Figure 49. Sample Installation Jobs for QMF TSO/CICS Base</i>			
<b>Job Name</b>	<b>Job Type</b>	<b>Description</b>	<b>RELFILE</b>
DSQ1BALA	SMP/E	Sample job to allocate and initialize a new SMP/E CSI data set <b>(Optional)</b>	IBM.HSQ8810.F3
DSQ1BALB	SMP/E	Sample job to allocate SMP/E data sets <b>(Optional)</b>	IBM.HSQ8810.F3
DSQ1EJRC	RECEIVE	Sample RECEIVE job	IBM.HSQ8810.F3
DSQ1EJAL	ALLOCATE	Sample job to allocate target and distribution libraries	IBM.HSQ8810.F3
DSQ1EDEF	DDDEF	Sample job to define SMP/E DDDEFs	IBM.HSQ8810.F3
DSQ1EJAP	APPLY	Sample APPLY job	IBM.HSQ8810.F3
DSQ1EJAC	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 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.

### Enterprise Edition (QMF TSO/CICS Base)

```
//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=jc1-library-name,
// DISP=(NEW,CATLG,DELETE),
// VOL=SER=dasdv01,UNIT=SYSALLDA,
// SPACE=(TRK,(15,10,5))
//SYSUT3 DD UNIT=SYSALLDA,SPACE=(CYL,(1,1))
//SYSIN DD *
COPY INDD=xxxxIN,OUTDD=OUT
SELECT MEMBER=(DSQ1BALA,DSQ1BALB)
```

```

SELECT MEMBER=(DSQ1EJRC,DSQ1EJAL,DSQ1EDEF,DSQ1EJAP,DSQ1EJAC)
/*

```

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.

*Figure 50. Sample Installation Jobs for Upper Case English*

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 50 on page 36 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 51. Sample Installation Jobs for Danish</i>			
<b>Job Name</b>	<b>Job Type</b>	<b>Description</b>	<b>RELFILE</b>
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 51 on page 37 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.

Figure 52. Sample Installation Jobs for French

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 52 on page 38 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.

<i>Figure 53 (Page 1 of 2). Sample Installation Jobs for German</i>			
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 53 (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 53 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.

### 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 54. 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 54 on page 40 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 55. 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 55 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 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 56 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 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.

Figure 57. Sample Installation Jobs for Brazilian Portuguese

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 57 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 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.

<i>Figure 58. Sample Installation Jobs for Spanish</i>			
<b>Job Name</b>	<b>Job Type</b>	<b>Description</b>	<b>RELFILE</b>
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 58 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 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 59. 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 59 on page 46 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.

<i>Figure 60 (Page 1 of 2). Sample Installation Jobs Swiss French</i>			
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 60 (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 60 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 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 61. Sample Installation Jobs for Swiss German

<b>Job Name</b>	<b>Job Type</b>	<b>Description</b>	<b>RELFILE</b>
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 61 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 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 62. 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 62 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 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.

## 6.1.5 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 DSQ1BALA to allocate the SMP/E data set for QMF Classic Edition National Language Version.

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

## 6.1.6 Initialize CSI zones (Optional)

Edit and submit sample job DSQ1BALB to initialize SMP/E zones for QMF Classic 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.

## 6.1.7 Perform SMP/E RECEIVE

Having obtained QMF Classic Edition National Language Version as part of a CBPDO, use the RCVPDO job found in the CBPDO RIMLIB data set to RECEIVE the QMF Classic 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.

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

- DSQ1EJRC - for QMF TSO/CICS Base **(Mandatory)**
- 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.

## 6.1.8 Allocate SMP/E Target and Distribution Libraries

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.

- DSQ1EJAL - for QMF TSO/CICS Base **(Mandatory)**
- 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.

### 6.1.9 Create DDDEF Entries

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

- DSQ1EDEF - for QMF TSO/CICS Base (**Mandatory**)
- 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.

### 6.1.10 Perform SMP/E APPLY

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

- DSQ1EJAP - for QMF TSO/CICS Base (**Mandatory**)
- 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.

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.

**Note!**

Make sure the QMF TSO/CICS Base PTFs which were listed under section 4.2, "Service Level Information" on page 15 are installed after this SMP/E APPLY step.

## 6.1.11 Perform SMP/E ACCEPT

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

- DSQ1EJAC - for QMF TSO/CICS Base (**Mandatory**)
- 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.

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.

## 6.1.12 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 SMP/PUNCH data set which you can use to install those cross-zone requisites it identifies.

After you have installed QMF Classic 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 Classic Edition National Language Version**

Once you have run the APPLY and/or ACCEPT and your SMP/E installation is completed for QMF Classic Edition National Language Version, the QMF VSAM panel library, must be populated. The VSAM panel library dataeset was created when the job(s) were run from section 6.1.8, "Allocate SMP/E Target and Distribution Libraries" on page 52 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 SDSQPVRY(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 job has completed successfully, refer to the publication, *Installing and Managing DB2 QMF for TSO/CICS, GC18-7444*, which contains the step-by-step procedures to activate QMF Classic Edition National Language Version.

**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.

---

## 7.0 Notices

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

APAR numbers are provided in this document to assist in locating PTFs that may be required. Ongoing problem reporting may result in additional APARs being created. Therefore, the APAR lists in this document may not be complete. To obtain current service recommendations and to identify current product service requirements, always contact the IBM Customer Support Center or use S/390 SoftwareXcel to obtain the current "PSP Bucket".

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

IBM Director of Licensing  
IBM Corporation  
North Castle Drive  
Armonk, New York 10504-1785  
USA

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

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

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

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

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

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

---

## 7.1 Trademarks

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

CBPDO

IBM®

CustomPac

DB2®

MVS

OS/390®

S/390®

z/OS®

QMF

SP

DB2 Universal Database

SystemPac®

CICS®

CICS/ESA®

# Reader's Comments

## Program Directory for QMF Classic Edition National Language Version, March 2004

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

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

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

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

How did you order this product?

- CBPDO
- CustomPac
- ServerPac
- Independent
- Other

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

- Yes
- No

Were the people who did the installation experienced with the installation of z/OS products?

- Yes



IBM Corporation  
Silicon Valley Laboratory  
Department DTX/H150  
555 Bailey Avenue  
San Jose, California 95141

FAX Number: (408) 463-4393

E-Mail: [comments@vnet.ibm.com](mailto:comments@vnet.ibm.com)





Printed in U.S.A.

G110-8562-00

