IBM

Program Directory for

Query Management Facility

for VSE/ESA

Version 06
Release 01 Modification 00

Program Number 5648-A70

for use with
VSE/ESA

Document Date: December 1998

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 ┌── Note! ──────────────────────────────────────────────────────────────────┐
 │                                                                             │
 │  Before using this information and the product it supports, be sure to read the general information under "Notices" on page  v.  │
 │                                                                             │
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This program directory, dated December 1998, applies to Query Management Facility for VSE/ESA Version 06 Release 01 Modification 00, Program Number 5648-A70 for the following:

Feature Numbers	System Name
6645/6692/6684/5965 6855/6856/6857/6854	VSE/ESA

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IBM	International Business Machines
CICS/VSE	Customer Information Control Systems/Virtual Storage Extended
SAA	System Application Architecture
QMF	Query Management Facility Virtual Storage Extended
VSE	Virtual Storage Extended
ESA	Enterprise Systems Architecture
SQL/DS	Structured Query Language/Data System
GDDM	Graphical Data Display Manager
VM/ESA	Virtual Machine/Enterprise Systems Architecture
C/370	C Compiler/370

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 **Query Management Facility for VSE/ESA Version 06** (abbreviated to QMF for VSE in this document). You should read all of this program directory before installing the program, and then keep it for future reference.

The program directory contains the following sections:

- 2.0, "Program Materials" on page 2 identifies the basic and optional program materials and documentation for QMF for VSE.

- 3.0, "Program Support" on page 5 describes the IBM support available for QMF for VSE.

- 4.0, "Program and Service Level Information" on page 6 lists the APARs (program level) and PTFs (service level) incorporated into QMF for VSE.

- 5.0, "Installation Requirements and Considerations" on page 7 identifies the resources and considerations for installing and using QMF for VSE.

- 6.0, "Installation Instructions" on page 10 provides information on installation and activation of QMF for VSE.

Before installing QMF for VSE, read 3.2, "Preventive Service Planning" on page 5. This section tells you how to find any updates to the information and procedures in this program directory.

Installation requirements and procedures specific installing this licensed program in a VSE environment are described. This product must be installed using Maintain System History Program (MSHP).

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2.0 Program Materials

An IBM program is identified by a program number and a feature code. The program number for QMF for VSE is 5648-A70.

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

The following sections identify:

- The basic and optional program materials available with this program.

- Publications useful during installation.

  You can find a list of related publications in the *Installing and Managing QMF on VSE/ESA*, GC26-9574.

2.1 Basic Machine-Readable Material

The distribution medium for this program is as follows:

- One 3480 tape cartridge or
- One 4mm tape cartridge or
- One 9 track magnetic tape (written at 6250 BPI) or
- One 1/4" tape cartridge

The QMF for VSE tape contains all of the programs and data needed for installation. QMF for VSE is installed using MSHP. See section 6.0, "Installation Instructions" on page 10 for more information about how to install QMF for VSE. Figure 1 describes the tape for QMF for VSE. Figure 3 on page 3 describes the file content of the program tape.

If you ordered QMF for VSE with QMF for Windows, you will receive one tape for QMF for VSE on one of the distribution mediums indicated above. In addition you will receive one CD-ROM for QMF for Windows Version 06. The QMF for VSE tape contains all the programs and data needed for installation. QMF for VSE is installed using MSHP. See section 6.0, "Installation Instructions" on page 10 for more information about how to install QMF for VSE. Figure 2 on page 3 describes the tape for QMF for VSE when ordered with QMF for Windows. Figure 3 on page 3 describes the file content of the program tape. The CD-ROM contains all of the programs and data needed for installation. Refer to the README.TXT file in the root directory on the CD-ROM for information about the CD-ROM and installation instructions.

Figure 1 (Page 1 of 2). Basic Material: Program Tapes - QMF for VSE			
Feature Number	Medium	Physical Volume	External Tape Label
6645	3480 Cartridge	1	QMF for VSE V6 (E)

Figure 1 (Page 2 of 2). Basic Material: Program Tapes - QMF for VSE			
Feature Number	**Medium**	**Physical Volume**	**External Tape Label**
6692	4mm Cartridge	1	QMF for VSE V6 (E)
6684	6250 Tape	1	QMF for VSE V6 (E)
5965	1/4" Cartridge	1	QMF for VSE V6 (E)

Figure 2. Basic Material: Program Tapes - QMF for VSE when ordered with QMF for Windows			
Feature Number	**Medium**	**Physical Volume**	**External Tape Label**
6855	3480 Cartridge	1	QMF for VSE V6 (E)
6856	4mm Cartridge	1	QMF for VSE V6 (E)
6857	6250 Tape	1	QMF for VSE V6 (E)
6854	1/4" Cartridge	1	QMF for VSE V6 (E)

Figure 3. Stand Alone Tapes: File Content		
VOLSER	**File**	**Name**
N/A	1	HEADER FILE
N/A	2	QMF/VSE* History File
N/A	3	QMF/VSE Product Library
N/A	4	Null File (Tape Mark)
N/A	5	EOB (End of Backup Information)
N/A	6	Null File (Tape Mark)

2.2 Program Publications

The following sections identify the basic publications for QMF for VSE.

2.2.1 Basic Program Publications

Figure 4 identifies the basic program publications for QMF for VSE. One copy of each of these publications is included when you order the basic materials for QMF for VSE. For additional copies, contact your IBM representative.

Figure 4. Basic Material: Unlicensed Publications - QMF for VSE	
Publication Title	**Form Number**
Installing and Managing QMF on VSE/ESA	GC26-9574
Introducing QMF	GC26-9576
QMF Reference	SC26-9577
Using QMF	SC26-9578
Developing QMF Applications	SC26-9579
QMF Messages and Codes	GC26-9580

If you ordered QMF for VSE with QMF for Windows, you also receive one copy of each of the following publications for QMF for Windows. For additional copies, contact your IBM representative.

Figure 5. Basic Material: Unlicensed Publications - QMF for Windows	
Publication Title	**Form Number**
Getting Started with QMF for Windows	SC26-9582
Installing and Managing QMF for Windows	GC26-9583

2.2.2 Optional Program Publications

There are no optional program publications for QMF for VSE.

2.3 Microfiche Support

There is no microfiche for QMF for VSE.

2.4 Publications Useful During Installation

Refer to *Installing and Managing QMF on VSE/ESA* for a list of related Publications.

For QMF for Windows, refer to the README.TXT file in the root directory on the CD-ROM for information about the CD-ROM and installation instructions. Refer to the *Installing and Managing QMF for Windows* manual for information about prerequisite software, information on configuring your network environment, and documentaion related to the installation and execution of QMF for Windows.

3.0 Program Support

This section describes the IBM support available for QMF for VSE.

3.1 Service Instructions

Contact your IBM marketing representative or systems engineer (SE) for specific information about available service instructions.

3.2 Preventive Service Planning

Before installing QMF for VSE, check with your IBM Support Center or use either Information/Access or SoftwareXcel Extended to see whether there is additional preventive service planning (PSP) information that you should know. To obtain this information, specify the following UPGRADE and SUBSET values:

Figure 6. PSP UPGRADE and SUBSET ID

UPGRADE	SUBSET	RETAIN Release
DB2VSEVM610	QMFVSE	1JT

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 which any needed documentation can be sent.

Figure 7 identifies the component IDs (COMP IDs) for QMF for VSE V6.

Figure 7. Component IDs

COMP ID	Component Name	CLC	Product Code	Product ID
566872101	QMF/VSE BASE	1JT	A70	A701JT

4.0 Program and Service Level Information

This section identifies the program and service levels of QMF for VSE V6. The program level refers to the APAR fixes incorporated into the program. The service level refers to the PTFs integrated. Information about the cumulative service tape is also provided.

4.1 Program Level Information

QMF for VSE V6 has incorporated all closed APARS from previous versions/releases which were closed prior to October 8, 1998.

4.2 Service Level Information

Check the DB2VSEVM610 PSP bucket for any additional PTFs that should be installed or any additional install information.

4.3 Cumulative Service Tape

There is no cumulative service tape for QMF for VSE.

5.0 Installation Requirements and Considerations

5.1 System Requirements

This section describes the environment of the target system required to install and use QMF for VSE.

5.1.1 Operating System Requirements

You can install QMF for VSE on any processor supported by VSE/ESA 2.2 or higher.

5.1.2 Hardware Requirements

One tape drive supported by VSE/ESA is required for installation.

5.2 Prerequisite Programs

This section summarizes the program products required or recommended for the QMF for VSE functions and environments available with this release. Unless otherwise stated, the database manager works with all subsequent versions, releases, and modification levels of the products listed in this section as well as with equivalent non-IBM products.

The following products are the minimum requirements for installing QMF for VSE.

Figure 8. Products Required for QMF for VSE installation

Environment	Required Products
VSE/ESA	• IBM Virtual Storage Extended/Enterprise Systems Architecture (VSE/ESA) Version 2 Release 2 (5690-VSE) • CICS for VSE/ESA Version 2 Release 2 (5686-026) • DB2 for VSE Version 6 Release 1 (5648-A70) • Graphical Data Display Manager* (GDDM) Version 3 Release 1 (5686-057)

The following table lists the additional products you need to use with optional functions in the QMF for VSE environment.

Figure 9 (Page 1 of 2). Additional program products required for optional QMF for VSE

Function	Product
GDDM Chart (Interactive Chart Utility)	• GDDM Presentation Graphics Facility (PGF) (for GDDM Version 3 Release 1) Version 2 Release 1.2 (5668-812)

Figure 9 (Page 2 of 2). Additional program products required for optional QMF for VSE

Function	Product
Callable interface	Programs using the callable interface may be written in:
	• VS COBOL II Compiler and Library Version 1 Release 4 (5688-023) • IBM C/370* Compiler Version 2 (5688-187) and C/370 Library Version 2 (5688-188) • IBM HLASM Version 1 Release 1 or Release 2 (5695-234) • COBOL for VSE/ESA Version 1 Release 1 (5686-068) • PL/I for VSE/ESA Version 1 Release 1 (5686-069)
User edit routines	User edit routines may be written in:
	• IBM HLASM Version 1 (5696-234) • VS Cobol II Compiler and Library Version 1 Release 4 (5688-023) • COBOL for VSE/ESA Version 1 Release 1 (5686-068) • PL/I for VSE/ESA Version 1 Release 1 (5686-069)
Governor Exit Routine	• IBM HLASM Version 1 (5696-234)

5.2.1 DASD Storage Requirements

Follow the instructions in *Installing and Managing QMF on VSE/ESA*, GC26-9574.

5.2.2 Machine Requirements

VMESA* or ESA mode supervisor capabilities are required to run QMF for VSE.

5.2.3 System Considerations

The following installation requirements must be observed:

• The VSE system must be equipped with a tape drive for the type of distribution tape ordered.

• Refer to *Installing and Managing QMF on VSE/ESA, GC26-9574*, for detailed information about capacity planning of real and virtual storage needed.

5.2.4 Special Considerations

5.2.4.1 GDDM Requirements to Support Euro Currency Symbol

The following GDDM V3 PTFs are required to support the Euro currency symbol:

• **UQ20207 (APAR PQ17818)**

• **UQ20344 (APAR PQ18178)**

• **UQ20376 (APAR PQ18180)**

• **UQ20411 (APAR PQ18181)**

- **UQ20441 (APAR PQ18182)**

6.0 Installation Instructions

Installing and Managing QMF on VSE/ESA, GC26-9574 contains the step-by-step procedures to activate the functions of QMF for VSE.

6.1 Installing QMF for VSE

To install the QMF for VSE feature into an IBM VSE/ESA System, follow the instructions in *Installing and Managing QMF on VSE/ESA*, GC26-9574.

6.2 Activating QMF for VSE

Detailed steps to get the program into operational status are defined in *Installing and Managing QMF on VSE/ESA*, GC26-9574.

Reader's Comments

Query Management Facility for VSE/ESA

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

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

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┌── RATING SCALE ────────────────────────────────────────────────────────┐
│    very                              very           not                  │
│  satisfied  <====================>  dissatisfied  applicable             │
│     1        2       3       4        5               N                  │
└──────────────────────────────────────────────────────────────────────────┘
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	Satisfaction					
Ease of product installation	1	2	3	4	5	N
Contents of program directory	1	2	3	4	5	N
Installation Verification Programs	1	2	3	4	5	N
Time to install the product	1	2	3	4	5	N
Readability and organization of program directory tasks	1	2	3	4	5	N
Necessity of all installation tasks	1	2	3	4	5	N
Accuracy of the definition of the installation tasks	1	2	3	4	5	N
Technical level of the installation tasks	1	2	3	4	5	N
Ease of getting the system into production after installation	1	2	3	4	5	N

What order media was this product received?

___ 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 these products?

___ Yes
___ No

If yes, how many years? __

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

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Please provide the following contact information:

_____

Name and Job Title

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Organization

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Address

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Telephone

Thank you for your participation.

Please send the completed form to (or give to your IBM representative who will forward it to the Query Management Facility for VSE/ESA Development group):

   IBM Corporation
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