DECmessageQ

Installation Guide for VMS

Order Number: AA-PF43A-TE

March 1991

This guide contains instructions for installing DECmessageQ on the VMS operating system.

Revision/Update Information: This is a new document.
Operating System and Version: VMS Version 5.3
Software Version: DECmessageQ Version 1.0

Digital Equipment Corporation
Maynard, Massachusetts

March 1991

The READER'S COMMENTS form on the last page of this document requests the user's critical evaluation to assist in preparing future documentation.

Contents

Preface v

1 Preparing to Install DECmessageQ

1.1 License Registration 1–1
1.2 Installation Procedure Requirements 1–2
1.2.1 Privileges and Disk Space 1–2
1.2.2 System Parameters 1–3
1.2.2.1 Checking System Parameter Values 1–3
1.2.2.2 Calculating the Values for GBLPAGES and GBLSECTIONS 1–4
1.2.2.3 Changing System Parameter Values with AUTOGEN 1–4
1.2.3 Process Account Quotas 1–5
1.2.4 VMSINSTAL Requirements 1–5
1.2.5 Backing Up Your System Disk 1–5

2 Installing DECmessageQ

2.1 The Installation Procedure 2–1
2.2 Error Recovery 2–5

3 After Installing DECmessageQ

3.1 Running the Installation Verification Procedure Separately 3–1
3.2 Editing the System Files 3–4
3.3 VAXcluster Considerations 3–5
3.4 User Account Requirements 3–5
3.5 Determining and Reporting Problems 3–5

A Sample Installation

A.1 Full Development Kit A–1
A.2 Run-Time Kit A–7

B DECmessageQ Files and Logical Names Installed on Your System

B.1 File Names B–1
B.1.2 Development Base Kit Files B–1
B.1.2 Development Kit Demo Files B–8
B.1.3 Run-time Kit Files B–9
B.2 Logical Names B–10

Examples

3–1	Installation Verification Procedure	3–1

Tables

1–1	Disk Space Requirements	1–2
1–2	Minimum Required System Parameter Values	1–3
B–1	Development Base Kit Files	B–1
B–2	Development Demo Kit Files	B–8
B–3	Run-time Kit Files	B–9

Preface

This document explains how to install DECmessageQ Version 1.0 on a VAX computer running the VMS operating system. You will also need this document should you receive any maintenance updates or need to reinstall DECmessageQ for any other reason.

DECmessageQ is installed using VMSINSTAL, a command procedure that executes the installation. The installation procedure is described step by step. The dialogue, for the most part, is self-explanatory. The system prompts you to enter information.

Intended Audience

The *DECmessageQ Installation Guide for VMS* is intended for the system manager or whoever installs and maintains DECmessageQ.

Structure of This Document

This guide is divided into the following chapters:

- Chapter 1, Preparing to Install DECmessageQ, describes the installation procedure requirements and prerequisites for installing DECmessageQ.
- Chapter 2, Installing DECmessageQ, describes how to install DECmessageQ.
- Chapter 3, After Installing DECmessageQ, explains postinstallation customizing procedures.
- Appendix A shows a sample installation.
- Appendix B lists the files and logical names created by the DECmessageQ installation.

Document Conventions

This guide uses the following document conventions:

Convention	Meaning
User Input	User input is printed in **boldface text**.
Screen typeface	Information displayed on the screen is printed in this typeface: `screen display`.
Enter	The word enter means type the information that follows and press the Return key.
Ctrl/key	A sequence such as Ctrl/Y indicates that you must hold down the key labeled Ctrl while pressing the Y key.
Asterisk (*)	Lines beginning with an asterisk require user input.
[ ]	Items in brackets [ ] in a query are the system's default answers. Press the Return key in response to a prompt to accept the default answer.
UPPERCASE WORDS	Uppercase words and letters in command sequences mean type them exactly as shown.

Associated Documents

In addition to this guide, the DECmessageQ documentation set includes the following guides:

- *DECmessageQ Management and Configuration Guide for VMS* provides procedural information about managing and configuring DECmessageQ on a VMS system. This guide is intended for VMS system managers.
- *DECmessageQ Programmer's Guide* provides conceptual and task-oriented information about DECmessageQ for programmers and application designers who are developing applications using messaging. This document introduces messaging concepts and gives a detailed explanation of DECmessageQ messaging.

  This guide is intended for all DECmessageQ programmers and application designers, regardless of the platform (VMS, ULTRIX, MS-DOS, or OS/2) on which DECmessageQ applications are being developed.
- *DECmessageQ Guide to PC Operating Systems* describes DECmessageQ support for MS-DOS and OS/2 operating systems. This guide is intended for programmers and application designers who are developing PC applications that use messaging.
- *DECmessageQ Guide to ULTRIX Systems* describes DECmessageQ support for ULTRIX systems. This guide is intended for programmers and application designers who are developing ULTRIX applications that use messaging.

For copies of these documents or for additional information, see your installation kit.

1 Preparing to Install DECmessageQ

This chapter discusses the preparations and requirements necessary for installing DECmessageQ.

This manual applies to Version 1.0 of DECmessageQ and all subsequent maintenance releases up to the next major product release.

Your bill of materials (BOM) and indented bills report (BIL) specify the number and contents of your media. Be sure to verify the contents of your kit with this information. If your kit is damaged or if you find that parts of it are missing, contact your Digital representative.

DECmessageQ provides online release notes. Digital strongly recommends that you read the release notes before proceeding with the installation. For information on accessing the online release notes, see Section 2.1.

1.1 License Registration

Before you install and run DECmessageQ Version 1.0 on a newly licensed node or cluster, you must first register a License Product Authorization Key (License PAK) using the License Management Facility (LMF). The License PAK may be shipped along with the kit if you ordered the license and media together; otherwise, it is shipped separately to a location based on your license order. If you are installing DECmessageQ as an update on a node or cluster already licensed for this software, you have already completed the License PAK registration requirements.

You must register and load your license for DECmessageQ *before* you start the installation in order to run the Installation Verification Procedure (IVP) and use the software.

To register a license under VMS, first log in to the system manager's account, SYSTEM. You then have a choice of two ways to perform the registration:

- Invoke the SYS$UPDATE:VMSLICENSE.COM procedure. When it prompts you for information, respond with data from your License PAK.
- At the DCL prompt, enter the LICENSE REGISTER command with the appropriate qualifiers that correspond to License PAK information.

If you plan to use DECmessageQ on more than one node in a VAXcluster, you will need to perform a license load on the other nodes after you complete this installation. See Section 3.3.

For complete information on using LMF, see the *VMS License Management Utility Manual*.

1.2 Installation Procedure Requirements

This section and those that follow discuss various requirements for installing DECmessageQ.

The installation takes approximately 1 to 2 hours, depending on your type of media and your system configuration.

Installing DECmessageQ and running the Installation Verification Procedure (IVP) on a standalone VAXstation II/GPX system takes 1 hour and 30 minutes.

1.2.1 Privileges and Disk Space

To install DECmessageQ, you must be logged in to an account that has SETPRV or at least the following privileges:

GROUP, WORLD, ALTPRI
OPER, SYSPRV, SYSNAM
SYSGBL, SYSLCK, GRPNAM
NETMBX, TMPMBX, CMKRNL
PSWAPM, DETACH, EXQUOTA

Note that VMSINSTAL turns off BYPASS privilege at the start of the installation.

DECmessageQ requirements for free disk storage space are different during installation and after installation. Table 1–1 summarizes the storage requirements.

Table 1–1 Disk Space Requirements

Kit	Blocks During Installation	Blocks After Installation
Development	30,000	23,000
Runtime only	30,000	10,000

To determine the number of free disk blocks on the current system disk, enter the following command at the DCL prompt:

```
$  SHOW DEVICE SYS$SYSDEVICE
```

1.2.2 System Parameters

Installing DECmessageQ requires certain system parameter settings. Table 1–2 lists the minimum required system parameter values for the installation. Depending on the kinds of programs and applications running at your site, you might need higher values for some settings.

Table 1–2 Minimum Required System Parameter Values

System Parameter	Minimum Value
GBLPAGES[1]	$n^2 + 1200$
GBLPAGFIL	$n^2 + 500$
GBLSECTIONS[1]	$n^2 + 15$

[1]The values listed for these system parameters represent the number of free global pages and global sections required for the installation, not the total number you need to run your system and other software.

[2]The *n* refers to the values required to run other software.

The following sections show you how to:

- Check system parameter values
- Calculate values for the GBLPAGES, GBLPAGFIL, and GBLSECTIONS system parameters
- Change parameter values with the VMS AUTOGEN command procedure

1.2.2.1 Checking System Parameter Values

To check the values of your system parameters, enter the following command at the DCL prompt to invoke the System Generation Utility (SYSGEN):

```
$  RUN SYS$SYSTEM:SYSGEN
SYSGEN>
```

At the SYSGEN> prompt, enter the SHOW command to display the value of a system parameter. The values displayed should equal or exceed the value of each system parameter listed in Table 1–2. The following example displays the value for the GBLPAGFIL system parameter:

```
SYSGEN>  SHOW GBLPAGFIL
```

After checking the parameters with the SHOW command, enter the EXIT command at the SYSGEN> prompt to return to DCL level.

1.2.2.2 Calculating the Values for GBLPAGES and GBLSECTIONS

To install and run DECmessageQ, you must have sufficient free global pages and global sections. You must first find out how many free global pages and sections you have on your system. Then use AUTOGEN if you need to increase the GLBPAGES and GBLSECTIONS system parameters.

Another way to obtain SYSGEN parameters is to use the DCL WRITE command with the F$GETSYI lexical function to find the number of free global pages and global sections. The following example shows how to get this information at your terminal (the default for SYS$OUTPUT):

```
$  WRITE SYS$OUTPUT F$GETSYI("FREE_GBLPAGES")
15848
$  WRITE SYS$OUTPUT F$GETSYI("FREE_GBLSECTS")
24
```

If the values displayed by the system are greater than the values in Table 1–2, you do not need to increase the values for these parameters. If the value of free global pages or global sections is less than the value in Table 1–2, you must increase the system parameter setting.

Section 1.2.2.3 describes the procedures for increasing these values using AUTOGEN.

1.2.2.3 Changing System Parameter Values with AUTOGEN

Use the AUTOGEN command procedure to change system parameters. AUTOGEN automatically adjusts values for parameters that are associated with the values you reset manually. To change system parameters with AUTOGEN, edit the following file:

```
SYS$SYSTEM:MODPARAMS.DAT
```

Use an editor to access the file. To change a parameter value listed in this file, delete the current value associated with that parameter and enter the new value.

To modify incremental parameters such as GBLPAGES and GBLSECTS, use ADD_. The following example increases the global page setting by 2000:

```
ADD_GBLPAGES = 2000
```

When you set the page file quota, do not use a value that exceeds the amount of page file space available on the system.

After you make all your changes, exit from the editor and execute the AUTOGEN procedure to recalculate your system parameters. Enter the following command at the DCL prompt:

```
$  @SYS$UPDATE:AUTOGEN GETDATA REBOOT
```

When you specify REBOOT, AUTOGEN performs an automatic system shutdown and then reboots the system. Any users logged in to the system are immediately disconnected during the shutdown. The automatic reboot puts the new parameter values into effect.

The AUTOGEN Utility automatically adjusts some of the SYSGEN parameters based on the consumption of resources since the last reboot. If you do not want to take advantage of this automatic adjustment, include the NOFEEDBACK qualifier on the AUTOGEN command line.

For more information about using AUTOGEN, see the VMS System Management Subkit.

1.2.3 Process Account Quotas

DECmessageQ requires that the BYTLM quota be set to 18,000 or higher.

User account quotas are stored in the file SYSUAF.DAT. Use the VMS Authorize Utility (AUTHORIZE) to verify and change user account quotas. First set your directory to SYS$SYSTEM and then run AUTHORIZE:

```
$  SET DEFAULT SYS$SYSTEM
$  RUN AUTHORIZE
UAF>
```

At the UAF> prompt, enter the SHOW command with an account name to check a particular account. For example:

```
UAF>  SHOW SMITH
```

To change a quota, enter the MODIFY command. The following example changes the FILLM quota for the SMITH account and then exits from the utility:

```
UAF>  MODIFY SMITH /BYTLM=18,000
UAF>  EXIT
```

After you exit from the utility, the system displays messages indicating whether or not changes were made. Once the changes have been made, you must log out and log in again for the new quotas to take effect.

For more information on modifying account quotas, see the description of the Authorize Utility in the VMS System Management Subkit.

1.2.4 VMSINSTAL Requirements

When you invoke VMSINSTAL, it checks the following:

- Whether you have set your default device and directory to SYS$UPDATE
- Whether you are logged in to a privileged account
- Whether you have adequate quotas for installation
- Whether DECnet is running
- Whether any users are logged in to the system

If VMSINSTAL detects any problems during the installation, it notifies you and asks if you want to continue the installation. In some instances, you can enter YES to continue. To stop the installation process and correct the situation, enter NO or press Return. Then correct the problem and restart the installation.

1.2.5 Backing Up Your System Disk

At the beginning of the installation, VMSINSTAL asks if you have backed up your system disk. Digital recommends that you do a system disk backup before installing any software.

Use the backup procedures that are established at your site. For details on performing a system disk backup, see the section on the Backup Utility in the VMS System Management Subkit.

2 Installing DECmessageQ

This chapter explains how to install DECmessageQ. Section 2.1 contains a step-by-step description of the installation procedure.

2.1 The Installation Procedure

The DECmessageQ installation procedure consists of a series of questions and informational messages. See Appendix A for a sample installation.

To abort the installation procedure at any time, press Ctrl/Y. When you press Ctrl/Y, the installation procedure deletes all files it has created up to that point and exits. You can then start the installation again.

1. **Invoke VMSINSTAL.**

   @SYS$UPDATE:VMSINSTAL saveset-name device-name OPTIONS N

   To start the installation, invoke the VMSINSTAL command procedure from a privileged account, such as the SYSTEM account. VMSINSTAL is in the SYS$UPDATE directory. The following list defines the elements of the VMSINSTAL command procedure:

   saveset-name
   The installation name for the component. For DECmessageQ, use the following installation name:

   ```
   DMQ010
   ```

   device-name
   The name of the device on which you plan to mount the media. For example, MTA0: is the device name for a tape drive. It is not necessary to use the console drive for this installation. However, if you do use the console drive, you should replace any media you removed once the installation is complete.

   OPTIONS N
   An optional parameter that indicates you want to see the question on release notes. If you do not include the OPTIONS N parameter, VMSINSTAL does not ask you about the release notes. You should review the release notes before proceeding with the installation in case they contain additional information about the installation. If you are restarting the installation and have already reviewed the release notes, you do not need to specify OPTIONS N.

   Note that there are several other options you can select when you invoke VMSINSTAL.

   - Auto_answer option (A): Initially creates a file that contains your answers to VMSINSTAL questions and prompts. You can then use the option (and the answer file) to save time during a reinstallation (typically after upgrading your system).

- Get save set option (G): Lets you store product save sets temporarily on a magnetic tape or in a disk directory.
- File log option (L): Logs all activity to the terminal during installation.

See the VMS documentation on software installation in the VMS System Management Subkit for detailed information on these options. If you specify more than one option, separate the options with commas (OPTIONS A,N).

The following example invokes VMSINSTAL to install DECmessageQ from tape drive MTA0: and shows the system response. This example uses the OPTIONS N release notes parameter.

```
$  @SYS$UPDATE:VMSINSTAL DMQ010 MTA0: OPTIONS N

      VAX/VMS Software Product Installation Procedure V5.3


It is 15-FEB-1991 at 16:01.
Enter a question mark (?) at any time for help.
```

If you do not supply either the product name or the device name, VMSINSTAL prompts you for this information later in the installation procedure.

2. **Confirm system backup.**

```
* Are you satisfied with the backup of your system disk [YES]?
```

VMSINSTAL asks if you are satisfied with your system backup. You should always back up your system disk before performing an installation. If you are satisfied with the backup of your system disk, press Return. Otherwise, enter NO to discontinue the installation. After you back up your system disk, you can restart the installation.

3. **Mount the media.**

```
Please mount the first volume of the set on MTA0:.
* Are you ready?  YES
%MOUNT-I-MOUNTED, DECmessageQ MOUNTED ON _$$MTA0:  (NODE 1)
The following products will be processed:
  DMQ V1.0

    Beginning installation of DMQ V1.0 at 16:03

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
```

You should now mount the first distribution volume on the device you specified when you invoked VMSINSTAL. The device name appears in the line preceding the question. VMSINSTAL then asks you if you are ready to continue with the installation.

If you respond YES to indicate that you are ready, VMSINSTAL displays a message that the media containing DECmessageQ has been mounted on the specified device and that the installation has begun.

If you entered the wrong device name when you invoked VMSINSTAL and need to restart the installation, enter NO in response to the ‘‘Are you ready?’’ question. To abort the installation for other reasons, press Ctrl/Y.

4. **Select a release notes option.**

```
Release notes included with this kit are always copied to SYS$HELP.

Additional Release Notes Options:

 1.  Display release notes
 2.  Print release notes
 3.  Both 1 and 2
 4.  None of the above

* Select option [2]:
```

If you specified OPTIONS N when you invoked VMSINSTAL, you are now asked to choose one of the four options for reviewing the release notes.

If you select option 1, VMSINSTAL displays the release notes immediately on the console terminal. You can terminate the display at any time by pressing Ctrl/C.

If you select option 2, VMSINSTAL prompts you for the name of the print queue that you want to use:

```
* Queue name [SYS$PRINT]:
```

You can press Return to send the file to the default output print device or you can enter another queue name.

If you select option 3, VMSINSTAL displays the release notes immediately on the console terminal and then prompts you for a queue name for the printed version.

Select option 4 if you have already reviewed the release notes and are restarting the installation.

Next, VMSINSTAL displays the following question:

```
* Do you want to continue the installation [N]?:  YES
%VMSINSTAL-I-RELMOVED, The product's release notes have been
successfully moved to SYS$HELP.
```

To continue the installation, enter YES. Otherwise, press Return. In either case, the release notes are copied to a file in the SYS$HELP directory:

```
SYS$HELP:DMQ$V10.RELEASE_NOTES
```

Note

The name of the release notes file installed by VMSINSTAL consists of the current product name and version number.

---

5. **Choose development or run-time kit.**

```
* Would you like to install the DECmessageQ for VMS development kit [NO]?
```

You have the option of choosing the run-time only kit. If you want to install the development kit, you must have a Product Authorization Key registered and loaded. If you install the development kit, you will also be asked if you want to install the base DECmessageQ kit and the DECmessageQ demo programs.

Note

To install the demo programs, you must have installed a base kit on your system.

6. **Respond to license registration queries.**

```
Product:       DMQ-DEV-V
Producer:      DEC
Version:
Release Date:  21-JAN-1991
```

```
* Does this product have an authorization key registered and loaded?
```

The installation procedure displays license information about your product and then asks if you have registered and loaded your Product Authorization Key (PAK).

If you have not registered and loaded your PAK, you must answer NO to this question. You have to register and load your PAK to successfully complete the installation. If you have not done so, you should stop the installation, register and load your PAK, and then restart the installation.

7. **Enter the device where DECmessageQ will reside.**

```
* Enter the DEVICE where DMQ will reside [SYS$SYSDEVICE]:
```

The default device is SYS$SYSDEVICE, but you can install DECmessageQ on any disk. If you are installing the DECmessageQ development kit, you are asked if you want to install the base kit and demo programs after you specify the device where DECmessageQ will reside.

8. **Choose the Installation Verification Procedure (IVP) option.**

```
* Do you want to run the IVP after the installation [YES]?
```

The installation procedure now asks if you want to run the IVP. The IVP for DECmessageQ checks to be sure that the installation is successful. It is recommended that you run the IVP.

After DECmessageQ is installed, you can run the IVP independently to verify that the software is available on your system. You might need to run the IVP after a system failure to make sure that users can access DECmessageQ (see Section 3.1).

9. **Purge files.**

```
* Do you want to purge files replaced by this installation [YES]?
```

You have the option to purge files from previous versions of DECmessageQ that are superseded by this installation. Purging is recommended; however, if you need to keep files from the previous version, enter NO in response to the question.

10. **Read informational messages.**

    At this point, the installation procedure displays a number of informational messages that report on the progress of the installation. There are no further questions. If the installation procedure has been successful up to this point, VMSINSTAL moves the new or modified files to their target directories, updates help files, and updates DCL tables, if necessary. If you chose to have files purged, that work is done now. The following messages are displayed:

    ```
    %VMSINSTAL-I-MOVEFILES, files will now be moved to their target
                                          directories...
    ```

11. **Observe the Installation Verification Procedure (IVP).**

    If you chose to run the IVP, VMSINSTAL runs it now. When the IVP runs successfully, you see the following display:

    ```
    %DMQ-S-SUCCESS, DECmessageQ for VMS IVP successfully completed.
    ```

12. **End the installation procedure.**

    ```
    Installation of DMQ V1.0 completed at 17:35

    VMSINSTAL procedure done at 17:35
    ```

    The previous messages indicate that the entire installation procedure is complete.

    You can now log out of the privileged account:

    ```
    $  LOGOUT
    SYSTEM     logged out at 15-FEB-1991 17:35:46.53
    ```

    Note that VMSINSTAL deletes or changes entries in the process symbol tables during the installation. Therefore, if you are going to continue using the system manager's account and you want to restore these symbols, you should log out and log in again.

2.2 Error Recovery

If errors occur during the installation itself or when the Installation Verification Procedure (IVP) is running, VMSINSTAL displays failure messages. If the installation fails, you see the following message:

```
%VMSINSTAL-E-INSFAIL, The installation of DECmessageQ V1.0 has failed.
```

If the IVP fails, you see these messages:

```
The DECmessageQ V1.0 Installation Verification Procedure failed.

%VMSINSTAL-E-IVPFAIL, The IVP for DECmessageQ V1.0 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect.
- A prerequisite software version is incorrect.
- Quotas necessary for successful installation are insufficient.
- System parameter values for successful installation are insufficient.
- The product license has not been registered and loaded.

For descriptions of the error messages generated by these conditions, see the VMS documentation on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. For information on installation requirements, see Chapter 1.

3 After Installing DECmessageQ

The following tasks take place after installing DECmessageQ:

- Running the Installation Verification Procedure separately
- Editing the system startup and shutdown files
- Making the product usable on a VAXcluster
- Setting user account quotas and privileges
- Reporting problems

3.1 Running the Installation Verification Procedure Separately

You usually run the Installation Verification Procedure (IVP) during installation. If you want to run the IVP separately to ensure the integrity of installed files should system problems occur, execute the following command procedure:

```
$   @[DMQ$V10.EXE]DMQ$IVP
```

Example 3–1 shows an example of the IVP.

Example 3–1 Installation Verification Procedure

```
%DMQ-I-SETUP, Setting up DECmessageQ IVP environment
%DMQ-I-SETUP, Clearing DECmessageQ logicals from process logical name table...

%DMQ-I-SETUP, Creating IVP group 0000_00001 in directory SYS$SYSDEVICE:[DMQ$V10.USER.0000_00001]
%CREATE-I-CREATED, SYS$SYSDEVICE:[DMQ$V10.USER.0000_00001] created
%CREATE-I-CREATED, SYS$SYSDEVICE:[DMQ$V10.LOG.0000_00001] created
%CREATE-I-CREATED, SYS$SYSDEVICE:[DMQ$V10.MRS.0000_00001] created
%DMQ-I-COPYFILE, Copying DMQ$BOOT.COM
%DMQ-I-COPYFILE, Copying DMQ$INIT.TXT
%DMQ-I-COPYFILE, Copying DMQ$TYPCLS.TXT
%DMQ-I-COPYFILE, Copying HIDDEN_DATA_TYPES.PAS
%DMQ-I-COPYFILE, Copying PAIENTBLI.TXT
%DMQ-I-COPYFILE, Copying PAIENTPAS.TXT
%DMQ-I-COPYFILE, Copying PAIGRPBLI.TXT
%DMQ-I-COPYFILE, Copying PAIGRPPAS.TXT
%DMQ-I-COPYFILE, Copying PAIPRCBLI.TXT
%DMQ-I-COPYFILE, Copying PAIPRCPAS.TXT
%DMQ-I-COPYFILE, Copying PAISTSBLI.TXT
%DMQ-I-COPYFILE, Copying PAISTSDBLI.TXT
%DMQ-I-COPYFILE, Copying PAISTSDPAS.TXT
%DMQ-I-COPYFILE, Copying PAISTSPAS.TXT
%DMQ-I-COPYFILE, Copying PAISYMBLI.TXT
%DMQ-I-COPYFILE, Copying PAISYMPAS.TXT
%DMQ-I-COPYFILE, Copying PAITYPBLI.TXT
%DMQ-I-COPYFILE, Copying PAITYPPAS.TXT
%DMQ-I-COPYFILE, Copying PAMS_ADA_ENTRY_POINT_.ADA
```

(continued on next page)

Example 3–1 (Cont.) Installation Verification Procedure

```
%DMQ-I-COPYFILE, Copying PAMS_ADA_GROUP_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_PROCESS_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_RETURN_STATUS_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_RETURN_STATUS_DEF_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_SYMBOL_DEF_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_TYPE_CLASS_.ADA
%DMQ-I-COPYFILE, Copying PSSBUILD.MLB
%DMQ-I-COPYFILE, Copying PSSSYNTAX.MAR
%DMQ-I-COPYFILE, Copying PSSSYNTAX.OBJ
%DMQ-I-COPYFILE, Copying SYCUSTOMIZE.COM
%DMQ-I-COPYFILE, Copying DMQ.TLB
%DMQ-I-COPYFILE, Copying DMQ.MLB
   ...Linking DMQ$PSSRTL0000_00001 (DMQ$PSSRTL)

----------------------------------------------------------------------
  Please verify the following:

    DMQ$INIT.TXT - if Cross-Group messaging has been enabled then
     this group must have an entry for itself
       with the DECnet node name matching this node.

  To complete the group creation DMQ$STARTUP needs to be run in order
to create the DECmessageQ LNM table and names.
----------------------------------------------------------------------

%DMQ-I-SETUP, Defining necessary logical names...
%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001
%DMQ-I-SETUP, Starting IVP group...

DMQ$STARTUP.COM - 15-FEB-1991 17:06:06.03

            Bus: 0000
          Group: 00001
           Disk: SYS$SYSDEVICE:
  Start Servers: Y
    DMQ Version: DMQ$V10
      User Area: DMQ$DISK:[DMQ$V10.USER.0000_00001]
       Log Area: DMQ$DISK:[DMQ$V10.LOG.0000_00001]
       PSS file: DMQ$USER:DMQ$PSSRTL0000_00001.EXE

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001

DMQ$FORCEX: Forcing image termination on process "DMQ_C_000000001"
%SYSTEM-W-NONEXPR, nonexistent process

   ...Installing DMQ$MSGSHR
   ...Installing DMQ$EXECRTL
   ...Installing DMQ$PSSRTL
   ...Installing DMQ$ENTRYRTL
   ...Creating DMQ$BOOT_DATA_FILE
   ...Starting DMQ_C_000000001 (DMQ$COM_SERVER)
%RUN-S-PROC_ID, identification of created process is 2020005E
%DMQ_xxxx_xxxxx-COM_SERVER-I-DMQ$COM_SERVER (V1.0-02A) starting at 15-FEB-1991 17:06:41
%DMQ_xxxx_xxxxx-COM_SERVER-I-Checking product "DMQ-DEV-V" for DEV type license
%DMQ_xxxx_xxxxx-COM_SERVER-I-Created MCS and LLS containing 419 pages.
%DMQ_0000_00001-COM_SERVER-I-Begin initial configuration database load

%DMQ_xxxx_xxxxx-DMQ_LOADER-I-DECmessageQ System Loader starting...
%DMQ_0000_00001-DMQ_LOADER-I-Parsing PROFILE Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing X-Group Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Skipping Buffer Pool Configuration Section
```

(continued on next page)

Example 3–1 (Cont.) Installation Verification Procedure

```
%DMQ_0000_00001-DMQ_LOADER-I-Parsing Queue Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing SBS Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing MRS Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing Group Name Table
%DMQ_0000_00001-COM_SERVER-I-Created 200 entry Group Name Table containing 32 pages
%DMQ_0000_00001-DMQ_LOADER-I-DECmessageQ load successfully completed
%DMQ_0000_00001-COM_SERVER-I-Created 1 multi-reader queue
%DMQ_0000_00001-COM_SERVER-I-Automatic reset of counters at 15-FEB-1991 17:06:57
%DMQ_0000_00001-COM_SERVER-I-Group 1 (ONE) Initialized
   ...Starting DMQ_S_000000001 (DMQ$SBS_SERVER)
%RUN-S-PROC_ID, identification of created process is 2020005F
   ...Starting DMQ_M_000000001 (DMQ$MRS_SERVER)
%RUN-S-PROC_ID, identification of created process is 20200060
%DMQ_0000_00001-SBS_SERVER-I-SBS_SERVER(DMQ V1.0-00) Booted
%DMQ_0000_00001-SBS_SERVER-I-SBS_SERVER(DMQ V1.0-00) Initialized


%DMQ-I-COMSTART, DECmessageQ COM Server DMQ_C_0000_00001 successfully started

                    DECmessageQ

          Installation Verification Program.


    To override default of temporary process numbers

  use the logicals DMQ$DCL_NUMBER and DMQ$DCLS_NUMBER.


 ok - STARTING VALIDATION OF DECmessageQ ROUTINES
    Test declare process.
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:24.82
%DMQ_0000_00001-MRS_SERVER-I-MRS DMQ V1.0-00 starting
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:26.37
%DMQ_0000_00001-MRS_SERVER-I-Space alloted for 15 queues, 100 messages
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:26.43
%DMQ_0000_00001-MRS_SERVER-I-DQF size:0 bytes, chunks:0, chunk_size:2500 bytes
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:26.50
%DMQ_0000_00001-MRS_SERVER-I-Max SAF files:100, SAF file size:10000 bytes
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:27.64
%DMQ_0000_00001-MRS_SERVER-I-MRS DMQ V1.0-00 initialized
    Declared self as 1.200.
    Test declare synch process.
    Synch declared self as 201.
    Test allocating a message buffer.
    Test send message.
    Test receive message wait.
    Test free message just received.
    Test disconnecting from PAMS.
    Test re-declaring to PAMS.
    Declared self as 1.202.
    Test re-declaring synch to PAMS.
    Synch declared self as 203.
    Test set timer.
    Test waiting for the timer just set.
 ok - SET TIMER     ...waiting 5 seconds
    Test receiving the timer message.
    Test canceling the timer.
    Test setting synch.
    Test sending and receiving synch messages.
    Test canceling synch.
```

(continued on next page)

Example 3–1 (Cont.) Installation Verification Procedure

```
    Test pass-along of receive buffers.
    Test pass-along of UCB buffers.
    Test for both normal and synch receive buffers.
    Test synch queue buffer flushing.
 ok - NORMAL PAMS CALLS HAVE EXECUTED PROPERLY
 ok - STARTING TEST OF PROPER ERROR CONDITION CODE PRODUCTION
    Test declare process 2X.
    Test allocate buffer 2X.
    Test send message 2X.
    Test receive message wait timeout.
    Test free message 2X.
    Test send message with bad priority.
    Test send message with bad delivery number.
 ok - ERROR PRODUCING PAMS CALLS HAVE EXECUTED PROPERLY
%DMQ-I-COMSTOP, Preparing to stop DECmessageQ COM Server DMQ_C_0000_00001

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001
DMQ$FORCEX: Forcing image termination on process "DMQ_C_000000001"
%DMQ_0000_00001-I-FORCEX, Process # 98 "MRS_SERVER                " PID (20200060) forced to exit.
%DMQ_0000_00001-I-FORCEX, Process # 99 "SBS_SERVER                " PID (2020005F) forced to exit.
DMQ$FORCEX: Process "DMQ_C_000000001" image terminated.
%DMQ-I-RTLREM, Removed DMQ$MSGSHR
%DMQ-I-RTLREM, Removed DMQ$EXECRTL
%DMQ-I-RTLREM, Removed DMQ$PSSRTL
%DMQ-I-RTLREM, Removed DMQ$ENTRYRTL

%DMQ-I-CLNUP, Cleaning up
%DMQ-I-CLNUP, Removing subdirectory SYS$SYSDEVICE:[DMQ$V10.USER.0000_00001]
%DMQ-I-CLNUP, Removing subdirectory SYS$SYSDEVICE:[DMQ$V10.LOG.0000_00001]
%DMQ-I-CLNUP, Removing subdirectory SYS$SYSDEVICE:[DMQ$V10.MRS.0000_00001]
%DMQ-I-CLNUP, Clearing logical name table DMQ$LNM_
Removing logical DMQ$BOOT_DATA_FILE from table DMQ$LNM_TBL
Removing logical DMQ$BUS_GROUP from table DMQ$LNM_TBL
Removing logical DMQ$DEMO from table DMQ$LNM_TBL
Removing logical DMQ$DOC from table DMQ$LNM_TBL
Removing logical DMQ$ENTRYRTL from table DMQ$LNM_TBL
Removing logical DMQ$MSGSHR from table DMQ$LNM_TBL
Removing logical DMQ$EXAMPLES from table DMQ$LNM_TBL
Removing logical DMQ$EXE from table DMQ$LNM_TBL
Removing logical DMQ$EXECRTL from table DMQ$LNM_TBL
Removing logical DMQ$INIT_FILE from table DMQ$LNM_TBL
Removing logical DMQ$LIB from table DMQ$LNM_TBL
Removing logical DMQ$LOG from table DMQ$LNM_TBL
Removing logical DMQ$PSSRTL from table DMQ$LNM_TBL
Removing logical DMQ$USER from table DMQ$LNM_TBL
Removing logical DMQ$VERSION from table DMQ$LNM_TBL

%DMQ-S-SUCCESS, DECmessageQ for VMS IVP successfully completed.
```

3.2 Editing the System Files

After DECmessageQ is installed, the DECmessageQ configuration manager may want to add automatic startup and shutdown files to the SYSTARTUP and SYSHUTDOWN command files. See the *DECmessageQ Management and Configuration Guide for VMS* for information on editing the DECmessageQ startup and shutdown files.

3.3 VAXcluster Considerations

To use DECmessageQ on a VAXcluster, you must load the license for DECmessageQ on each node in the cluster. For a development kit enter the following at the system prompt:

```
$ License Load DMQ-DEV-V
```

For a run-time only kit enter the following at the system prompt:

```
$ License Load DMQ-RTO-V
```

Note

The License Load command will fail if the license has not been registered on the cluster (see Section 1.1).

3.4 User Account Requirements

To work with DECmessageQ, user accounts on your system require no special privileges or quotas. The configuration manager does require certain privileges (see the *DECmessageQ Management and Configuration Guide for VMS*).

3.5 Determining and Reporting Problems

If you encounter a problem while using DECmessageQ, report it to Digital. Depending on the nature of the problem and the type of support you have, you can take one of the following actions:

- Call Digital if your software contract or warranty agreement entitles you to telephone support.
- Submit a Software Performance Report (SPR).
- Fill out and submit a Reader's Comments form if the problem has to do with the DECmessageQ documentation. There are Reader's Comments forms at the back of each manual. Use the form from the manual in which you found the error. Include the section and page number.

Review the Software Product Description (SPD) and Warranty Addendum for an explanation of warranty. If you encounter a problem during the warranty period, report the problem as indicated above or follow alternate instructions provided by Digital for reporting SPD nonconformance problems.

A

Sample Installation

This appendix contains a sample installation of DECmessageQ. This sample was run on a system that had no previous version of DECmessageQ installed. Depending on which layered products you have on your system, you might see additional messages and questions when you perform your installation.

The sample installation assumes that DECnet has been shut down, that no users are logged in to your system, and that OPTIONS N is specified to print the release notes. The Installation Verification Procedure (IVP) runs at the end of the installation.

A.1 Full Development Kit

This section contains a sample installation for the DECmessageQ full development kit.

```
$   @SYS$UPDATE:VMSINSTAL

  VAX/VMS Software Product Installation Procedure V5.4-1


 It is 15-FEB-1991 at 16:10.

Enter a question mark (?) at any time for help.
* Are you satisfied with the backup of your system disk [YES]?
* Where will the distribution volumes be mounted: MUAO:

Enter the products to be processed from the first distribution volume set.
* Products:  DMQ010
* Enter installation options you wish to use (none):  N
The following products will be processed:
   DMQ V1.0

  Beginning installation of DMQ V1.0 at 16:11

%VMSINSTAL-I-RESTORE, Restoring product save set A ...

     Release notes included with this kit are always copied to SYS$HELP.

     Additional Release Notes Options:

  1.  Display release notes
  2.  Print release notes
  3.  Both 1 and 2
  4.  None of the above

 * Select option :  4
 * Do you want to continue the installation [NO]?  YES
 %VMSINSTAL-I-RELMOVED, Product's release notes have been moved to SYS$HELP.
 * Would you like to install the DECmessageQ for VMS development kit [NO]:  YES
```

Sample Installation

```
        Product:      DMQ-DEV-V
        Producer:     DEC
        Version:
        Release Date: 21-JAN-1991

 * Does this product have an authorization key registered and loaded?  YES
 * Enter the DEVICE where DMQ will reside [SYS$SYSDEVICE]:

      ===================================================================
        The DECmessageQ for VMS installation is divided into two parts:

            1 Base kit)
            2 Demo programs directory )
      ===================================================================

 * Install base DECmessageQ kit [YES]?
 * Install DECmessageQ demo programs [YES]?
 * Do you want to run the IVP after the installation [YES]?
 * Do you want to purge files replaced by this installation [YES]?

      ==================================================================
        All questions regarding the installation of DECmessageQ for VMS
        have now been asked.  The installation will continue for
        approximately 1-2 hours, depending on load, CPU type and kit media.
      ==================================================================

 %VMSINSTAL-I-RESTORE, Restoring product save set B ...
 %VMSINSTAL-I-RESTORE, Restoring product save set C ...
 %DMQ-I-LINKALL, Link all DMQ images ....

 %DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001

    ...Linking DMQ$EXECRTLV10  (DMQ$EXECRTL)
    ...Linking DMQ$PSSRTL (DMQ$PSSRTL)
    ...Linking DMQ$ENTRYRTLV10  (DMQ$ENTRYRTL)
    ...Linking DMQ$MSGSHRV10 (DMQ$MSGSHR)
    ...Linking DMQ$COM_SERVER
    ...Linking DMQ$LOADER
    ...Linking DMQ$SBS_SERVER
    ...Linking DMQ$MRS_SERVER
    ...Linking DMQ$CHECK_LICENSE
    ...Linking DMQ$FORCEX
    ...Linking DMQ$LLS_VERIFY
    ...Linking DMQ$LOOP
    ...Linking DMQ$MONITOR
    ...Linking DMQ$TEST
    ...Linking DMQ$MRQ_TEST
    ...Linking DMQ$IVP
    ...Linking DMQ$SBS_EXAMPLE
    ...Linking DMQ$PSSVFY
    ...Linking DMQ$QFLUSH
    ...Linking DMQ$DSPBLK
    ...Linking DMQ$DNSLOAD
    ...Linking DMQ$DQF_UTIL
    ...Linking DMQ$DUMP_GNT
    ...Linking DMQ$LIST_PROCS
    ...Linking DMQ$TEST_LOCATE
    ...Linking DMQ$QMENU
    ...Linking DMQ$VALID
    ...Linking DMQ$SRC
    ...Linking DMQ$SINK
    ...Linking DMQ$JTEST
    ...Linking DMQ$DQF_CONTROL
    ...Linking DMQ$QTRANSFER
```

```
 DEMO_BUILD - Build the DECmessageQ Demonstration Software.

      Linking image DEMO_ARCHIVE
      Linking image DEMO_IO_SERVER
      Linking image DEMO_CLIENT
      Linking image DEMO_MONITOR
      Linking image DEMO_FULL_MONITOR
      Linking image CHECK_FOR_DMQ

%DEMO_BUILD-I-DONE, DECmessageQ demonstration software built.
%VMSINSTAL-I-SYSDIR, This product creates system disk directory SYS$SYSDEVICE:[DMQ$V10].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.EXE].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.USER].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.USER.TEMPLATE].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.DOC].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.MRS].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.LOG].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.LIB].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.EXAMPLES].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.EXAMPLES.MRS].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.EXAMPLES.SBS].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.DEMO].
%VMSINSTAL-I-SYSDIR, This product creates system disk directory DMQ$DISK:[DMQ$V10.DEMO.VMS].

      =====================================================================
        The DECmessageQ for VMS Installation has completed successfully.
        Before programs can access DECmessageQ for VMS a privileged
        user must configure a DECmessageQ group with SYS$SYSDEVICE:[DMQ$V10.EXE]-
        DMQ$CREATE_GROUP.COM.  Then SYS$SYSDEVICE:[DMQ$V10.EXE]DMQ$STARTUP.COM
        must be called in the site specific startup procedure for each
        DECmessageQ group to create the DECmessageQ logical name tables and
        to optionally start the DECmessageQ servers.  Please see the
        "DECmessageQ for VMS Management and Configuration Guide" for details.

        Once the DECmessageQ Servers are up a (non-privileged) user program
        can gain access to the DECmessageQ group through the logicals defined
        in the DECmessageQ logical name tables.  It needs to execute
        SYS$SYSDEVICE:[DMQ$V10.EXE]DMQ$SET_LNM_TABLE.COM to find the
        appropriate logical name table.  See the "DECmessageQ Programmers Guide"
        for details.

        The Installation Verification Procedure DMQ$IVP.COM has been
        placed in SYS$SYSDEVICE:[DMQ$V10.EXE].
        An extra copy of the Release Notes DMQ010.RELEASE_NOTES
        has been placed in SYS$SYSDEVICE:[DMQ$V10.DOC].
      =====================================================================
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target directories...

DECmessageQ V1.0 IVP started at 15-FEB-1991 17:01
%DMQ-I-SETUP, Setting up DECmessageQ IVP environment
%DMQ-I-SETUP, Clearing DECmessageQ logicals from process logical name table...

%DMQ-I-SETUP, Creating IVP group 0000_00001 in directory SYS$SYSDEVICE:[DMQ$V10.USER.0000_00001]
%CREATE-I-CREATED, SYS$SYSDEVICE:[DMQ$V10.USER.0000_00001] created
%CREATE-I-CREATED, SYS$SYSDEVICE:[DMQ$V10.LOG.0000_00001] created
%CREATE-I-CREATED, SYS$SYSDEVICE:[DMQ$V10.MRS.0000_00001] created
%DMQ-I-COPYFILE, Copying DMQ$BOOT.COM
%DMQ-I-COPYFILE, Copying DMQ$INIT.TXT
%DMQ-I-COPYFILE, Copying DMQ$TYPCLS.TXT
%DMQ-I-COPYFILE, Copying HIDDEN_DATA_TYPES.PAS
%DMQ-I-COPYFILE, Copying PAIENTBLI.TXT
%DMQ-I-COPYFILE, Copying PAIENTPAS.TXT
%DMQ-I-COPYFILE, Copying PAIGRPBLI.TXT
%DMQ-I-COPYFILE, Copying PAIGRPPAS.TXT
```

```
%DMQ-I-COPYFILE, Copying PAIPRCBLI.TXT
%DMQ-I-COPYFILE, Copying PAIPRCPAS.TXT
%DMQ-I-COPYFILE, Copying PAISTSBLI.TXT
%DMQ-I-COPYFILE, Copying PAISTSDBLI.TXT
%DMQ-I-COPYFILE, Copying PAISTSDPAS.TXT
%DMQ-I-COPYFILE, Copying PAISTSPAS.TXT
%DMQ-I-COPYFILE, Copying PAISYMBLI.TXT
%DMQ-I-COPYFILE, Copying PAISYMPAS.TXT
%DMQ-I-COPYFILE, Copying PAITYPBLI.TXT
%DMQ-I-COPYFILE, Copying PAITYPPAS.TXT
%DMQ-I-COPYFILE, Copying PAMS_ADA_ENTRY_POINT_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_GROUP_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_PROCESS_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_RETURN_STATUS_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_RETURN_STATUS_DEF_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_SYMBOL_DEF_.ADA
%DMQ-I-COPYFILE, Copying PAMS_ADA_TYPE_CLASS_.ADA
%DMQ-I-COPYFILE, Copying PSSBUILD.MLB
%DMQ-I-COPYFILE, Copying PSSSYNTAX.MAR
%DMQ-I-COPYFILE, Copying PSSSYNTAX.OBJ
%DMQ-I-COPYFILE, Copying SYCUSTOMIZE.COM
%DMQ-I-COPYFILE, Copying DMQ.TLB
%DMQ-I-COPYFILE, Copying DMQ.MLB
   ...Linking DMQ$PSSRTL0000_00001 (DMQ$PSSRTL)

----------------------------------------------------------------------
  Please verify the following:

    DMQ$INIT.TXT - if Cross-Group messaging has been enabled then
     this group must have an entry for itself
       with the DECnet node name matching this node.

  To complete the group creation DMQ$STARTUP needs to be run in order
to create the DECmessageQ LNM table and names.
----------------------------------------------------------------------

%DMQ-I-SETUP, Defining necessary logical names...
%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001
%DMQ-I-SETUP, Starting IVP group...

DMQ$STARTUP.COM - 15-FEB-1991 17:06:06.03

            Bus: 0000
          Group: 00001
           Disk: SYS$SYSDEVICE:
  Start Servers: Y
    DMQ Version: DMQ$V10
      User Area: DMQ$DISK:[DMQ$V10.USER.0000_00001]
       Log Area: DMQ$DISK:[DMQ$V10.LOG.0000_00001]
       PSS file: DMQ$USER:DMQ$PSSRTL0000_00001.EXE

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001

DMQ$FORCEX: Forcing image termination on process "DMQ_C_000000001"
%SYSTEM-W-NONEXPR, nonexistent process

   ...Installing DMQ$MSGSHR
   ...Installing DMQ$EXECRTL
   ...Installing DMQ$PSSRTL
   ...Installing DMQ$ENTRYRTL
   ...Creating DMQ$BOOT_DATA_FILE
   ...Starting DMQ_C_000000001 (DMQ$COM_SERVER)
%RUN-S-PROC_ID, identification of created process is 2020005E
%DMQ_xxxx_xxxxx-COM_SERVER-I-DMQ$COM_SERVER (V1.0-02A) starting at 15-FEB-1991 17:06:41
%DMQ_xxxx_xxxxx-COM_SERVER-I-Checking product "DMQ-DEV-V" for DEV type license
```

```
%DMQ_xxxx_xxxxx-COM_SERVER-I-Created MCS and LLS containing 419 pages.
%DMQ_0000_00001-COM_SERVER-I-Begin initial configuration database load

%DMQ_xxxx_xxxxx-DMQ_LOADER-I-DECmessageQ System Loader starting...
%DMQ_0000_00001-DMQ_LOADER-I-Parsing PROFILE Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing X-Group Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Skipping Buffer Pool Configuration Section
%DMQ_0000_00001-DMQ_LOADER-I-Parsing Queue Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing SBS Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing MRS Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing Group Name Table
%DMQ_0000_00001-COM_SERVER-I-Created 200 entry Group Name Table containing
32 pages
%DMQ_0000_00001-DMQ_LOADER-I-DECmessageQ load successfully completed
%DMQ_0000_00001-COM_SERVER-I-Created 1 multi-reader queue
%DMQ_0000_00001-COM_SERVER-I-Automatic reset of counters at
15-FEB-1991 17:06:57
%DMQ_0000_00001-COM_SERVER-I-Group 1 (ONE) Initialized
   ...Starting DMQ_S_000000001 (DMQ$SBS_SERVER)
%RUN-S-PROC_ID, identification of created process is 2020005F
   ...Starting DMQ_M_000000001 (DMQ$MRS_SERVER)
%RUN-S-PROC_ID, identification of created process is 20200060
%DMQ_0000_00001-SBS_SERVER-I-SBS_SERVER(DMQ V1.0-00) Booted
%DMQ_0000_00001-SBS_SERVER-I-SBS_SERVER(DMQ V1.0-00) Initialized


%DMQ-I-COMSTART, DECmessageQ COM Server DMQ_C_0000_00001 successfully started

                    DECmessageQ

          Installation Verification Program.


    To override default of temporary process numbers

  use the logicals DMQ$DCL_NUMBER and DMQ$DCLS_NUMBER.


 ok - STARTING VALIDATION OF DECmessageQ ROUTINES
    Test declare process.
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:24.82
%DMQ_0000_00001-MRS_SERVER-I-MRS DMQ V1.0-00 starting
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:26.37
%DMQ_0000_00001-MRS_SERVER-I-Space alloted for 15 queues, 100 messages
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:26.43
%DMQ_0000_00001-MRS_SERVER-I-DQF size:0 bytes, chunks:0, chunk_size:2500 bytes
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:26.50
%DMQ_0000_00001-MRS_SERVER-I-Max SAF files:100, SAF file size:10000 bytes
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 17:07:27.64
%DMQ_0000_00001-MRS_SERVER-I-MRS DMQ V1.0-00 initialized
    Declared self as 1.200.
    Test declare synch process.
    Synch declared self as 201.
    Test allocating a message buffer.
    Test send message.
    Test receive message wait.
    Test free message just received.
    Test disconnecting from PAMS.
    Test re-declaring to PAMS.
    Declared self as 1.202.
    Test re-declaring synch to PAMS.
    Synch declared self as 203.
    Test set timer.
    Test waiting for the timer just set.
 ok - SET TIMER     ...waiting 5 seconds
```

```
    Test receiving the timer message.
    Test canceling the timer.
    Test setting synch.
    Test sending and receiving synch messages.
    Test canceling synch.
    Test pass-along of receive buffers.
    Test pass-along of UCB buffers.
    Test for both normal and synch receive buffers.
    Test synch queue buffer flushing.
 ok - NORMAL PAMS CALLS HAVE EXECUTED PROPERLY
 ok - STARTING TEST OF PROPER ERROR CONDITION CODE PRODUCTION
    Test declare process 2X.
    Test allocate buffer 2X.
    Test send message 2X.
    Test receive message wait timeout.
    Test free message 2X.
    Test send message with bad priority.
    Test send message with bad delivery number.
 ok - ERROR PRODUCING PAMS CALLS HAVE EXECUTED PROPERLY
%DMQ-I-COMSTOP, Preparing to stop DECmessageQ COM Server DMQ_C_0000_00001

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001
DMQ$FORCEX: Forcing image termination on process "DMQ_C_000000001"
%DMQ_0000_00001-I-FORCEX, Process # 98 "MRS_SERVER " PID (20200060) forced to exit.
%DMQ_0000_00001-I-FORCEX, Process # 99 "SBS_SERVER " PID (2020005F) forced to exit.
DMQ$FORCEX: Process "DMQ_C_000000001" image terminated.
%DMQ-I-RTLREM, Removed DMQ$MSGSHR
%DMQ-I-RTLREM, Removed DMQ$EXECRTL
%DMQ-I-RTLREM, Removed DMQ$PSSRTL
%DMQ-I-RTLREM, Removed DMQ$ENTRYRTL

%DMQ-I-CLNUP, Cleaning up
%DMQ-I-CLNUP, Removing subdirectory SYS$SYSDEVICE:[DMQ$V10.USER.0000_00001]
%DMQ-I-CLNUP, Removing subdirectory SYS$SYSDEVICE:[DMQ$V10.LOG.0000_00001]
%DMQ-I-CLNUP, Removing subdirectory SYS$SYSDEVICE:[DMQ$V10.MRS.0000_00001]
%DMQ-I-CLNUP, Clearing logical name table DMQ$LNM_
Removing logical DMQ$BOOT_DATA_FILE from table DMQ$LNM_TBL
Removing logical DMQ$BUS_GROUP from table DMQ$LNM_TBL
Removing logical DMQ$DEMO from table DMQ$LNM_TBL
Removing logical DMQ$DOC from table DMQ$LNM_TBL
Removing logical DMQ$ENTRYRTL from table DMQ$LNM_TBL
Removing logical DMQ$MSGSHR from table DMQ$LNM_TBL
Removing logical DMQ$EXAMPLES from table DMQ$LNM_TBL
Removing logical DMQ$EXE from table DMQ$LNM_TBL
Removing logical DMQ$EXECRTL from table DMQ$LNM_TBL
Removing logical DMQ$INIT_FILE from table DMQ$LNM_TBL
Removing logical DMQ$LIB from table DMQ$LNM_TBL
Removing logical DMQ$LOG from table DMQ$LNM_TBL
Removing logical DMQ$PSSRTL from table DMQ$LNM_TBL
Removing logical DMQ$USER from table DMQ$LNM_TBL
Removing logical DMQ$VERSION from table DMQ$LNM_TBL

%DMQ-S-SUCCESS, DECmessageQ for VMS IVP successfully completed.
 DECmessageQ V1.0 IVP completed at 15-FEB-1991 17:07
 Installation of DMQ V1.0 completed at 17:08
```

A.2 Run-Time Kit

This section contains a sample installation for the DECmessageQ run-time only kit.

```
$  @VMSINSTAL DMQ010 MUA0:

 VAX/VMS Software Product Installation Procedure V5.3


It is 15-FEB-1991 at 11:33.
Enter a question mark (?) at any time for help.

* Are you satisfied with the backup of your system disk [YES]?
The following products will be processed:

  DMQ V1.0

     Beginning installation of DMQ V1.0 at 11:33

%VMSINSTAL-I-RESTORE, Restoring product save set A ...

     Release notes included with this kit are always copied to SYS$HELP.

     Additional Release Notes Options:

  1.  Display release notes
  2.  Print release notes
  3.  Both 1 and 2
  4.  None of the above

 * Select option :  4
 * Do you want to continue the installation [NO]?  YES
%VMSINSTAL-I-RELMOVED , The product's release notes have been successfully
     moved to SYS$HELP.
* Would you like to install the DECmessageQ for VMS development kit [NO]:
* Would you like to install the DECmessageQ for VMS runtime only kit [YES]?

        Product:      DMQ-RTO-V
        Producer:     DEC
        Version:
        Release Date: 21-JAN-1991

* Does this product have an authorization key registered and loaded?
```

```
Yes
* Enter the DEVICE where DMQ will reside [SYS$SYSDEVICE]:
* Do you want to run the IVP after the installation [YES]?
* Do you want to purge files replaced by this installation [YES]?

  ===================================================================
       All questions regarding the installation of DECmessageQ for VMS
       have now been asked.  The installation will continue for
       approximately 1-2 hours, depending on load, CPU type and kit media.
   ===================================================================

%VMSINSTAL-I-RESTORE, Restoring product save set B ...
%DMQ-I-LINKALL, Link all DMQ images ....

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001

   ...Linking DMQ$EXECRTLV10  (DMQ$EXECRTL)
   ...Linking DMQ$PSSRTL (DMQ$PSSRTL)
   ...Linking DMQ$ENTRYRTLV10  (DMQ$ENTRYRTL)
   ...Linking DMQ$MSGSHRV10 (DMQ$MSGSHR)
   ...Linking DMQ$COM_SERVER
   ...Linking DMQ$LOADER
   ...Linking DMQ$SBS_SERVER
   ...Linking DMQ$MRS_SERVER
   ...Linking DMQ$CHECK_LICENSE
   ...Linking DMQ$FORCEX
   ...Linking DMQ$LLS_VERIFY
   ...Linking DMQ$LOOP
   ...Linking DMQ$MONITOR
   ...Linking DMQ$TEST
   ...Linking DMQ$MRQ_TEST
   ...Linking DMQ$IVP
   ...Linking DMQ$SBS_EXAMPLE
   ...Linking DMQ$PSSVFY
   ...Linking DMQ$QFLUSH
   ...Linking DMQ$DSPBLK
   ...Linking DMQ$DNSLOAD
   ...Linking DMQ$DQF_UTIL
   ...Linking DMQ$DUMP_GNT
   ...Linking DMQ$LIST_PROCS
   ...Linking DMQ$TEST_LOCATE
   ...Linking DMQ$QMENU
   ...Linking DMQ$VALID
   ...Linking DMQ$SRC
   ...Linking DMQ$SINK
   ...Linking DMQ$JTEST
   ...Linking DMQ$DQF_CONTROL
   ...Linking DMQ$QTRANSFER

 ======================================================================
The DECmessageQ for VMS Installation has completed successfully.
Before programs can access DECmessageQ for VMS a privileged
user must configure a DECmessageQ group with FLASH$DUA0:[DMQ$V10.EXE]-
DMQ$CREATE_GROUP.COM.  Then FLASH$DUA0:[DMQ$V10.EXE]DMQ$STARTUP.COM
must be called in the site specific startup procedure for each
DECmessageQ group to create the DECmessageQ logical name tables and
to optionally start the DECmessageQ servers.  Please see the
DECmessageQ Management and Configuration Guide for VMS
for details.

Once the DECmessageQ Servers are up a (non-privileged) user program
can gain access to the DECmessageQ group through the logicals defined
in the DECmessageQ logical name tables.  It needs to execute
FLASH$DUA0:[DMQ$V10.EXE]DMQ$SET_LNM_TABLE.COM to find the
appropriate logical name table.  See the DECmessageQ
```

```
Programmer's Guide for details.

The Installation Verification Procedure DMQ$IVP.COM has been
placed in FLASH$DUA0:[DMQ$V10.EXE].
An extra copy of the Release Notes DMQ010.RELEASE_NOTES
has been placed in FLASH$DUA0:[DMQ$V10.DOC]
======================================================================
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target
directories...

 DECmessageQ V1.0 IVP started at 15-FEB-1991 11:43
%DMQ-I-SETUP, Setting up DECmessageQ IVP environment
%DMQ-I-SETUP, Clearing DECmessageQ logicals from process logical name
table...

%DMQ-I-CLNUP, Removing subdirectory
FLASH$DUA0:[DMQ$V10.USER.0000_00001]
%DMQ-I-SETUP, Creating IVP group 0000_00001 in directory
FLASH$DUA0:[DMQ$V10.USER.0000_00001]
%CREATE-I-CREATED, FLASH$DUA0:[DMQ$V10.USER.0000_00001] created
%DMQ-I-COPYFILE, Copying DMQ$BOOT.COM
%DMQ-I-COPYFILE, Copying DMQ$INIT.TXT
%DMQ-I-COPYFILE, Copying SYCUSTOMIZE.COM
%DMQ-I-PSSCRE, Created FLASH$DUA0:[DMQ$V10.USER.0000_00001]DMQ$PSSRTL0000_00001.EXE;

----------------------------------------------------------------------
  Please verify the following:

    DMQ$INIT.TXT - if Cross-Group messaging has been enabled then
     this group must have an entry for itself
       with the DECnet node name matching this node.

  To complete the group creation DMQ$STARTUP needs to be run in order
to create the DECmessageQ LNM table and names.
----------------------------------------------------------------------

%DMQ-I-SETUP, Defining necessary logical names...
%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001
%DMQ-I-SETUP, Starting IVP group...

DMQ$STARTUP.COM - 15-FEB-1991 11:52:09.61

            Bus: 0000
          Group: 00001
           Disk: FLASH$DUA0:
  Start Servers: Y
    DMQ Version: DMQ$V10
      User Area: DMQ$DISK:[DMQ$V10.USER.0000_00001]
       Log Area: DMQ$DISK:[DMQ$V10.LOG.0000_00001]
       PSS file: DMQ$USER:DMQ$PSSRTL0000_00001.EXE

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001

DMQ$FORCEX: Forcing image termination on process "DMQ_C_000000001"
%SYSTEM-W-NONEXPR, nonexistent process

   ...Installing DMQ$MSGSHR
   ...Installing DMQ$EXECRTL
   ...Installing DMQ$PSSRTL
   ...Installing DMQ$ENTRYRTL
   ...Creating DMQ$BOOT_DATA_FILE
   ...Starting DMQ_C_000000001 (DMQ$COM_SERVER)
%RUN-S-PROC_ID, identification of created process is 21A000B4
%DMQ_xxxx_xxxxx-COM_SERVER-I-DMQ$COM_SERVER (V1.0-02A) starting at
15-FEB-1991 11:53:17
```

```
%DMQ_xxxx_xxxxx-COM_SERVER-I-Checking product "DMQ-RTO-V" for RTO type
license
%DMQ_xxxx_xxxxx-COM_SERVER-I-Created MCS and LLS containing 419 pages.
%DMQ_0000_00001-COM_SERVER-I-Begin initial configuration database load

%DMQ_xxxx_xxxxx-DMQ_LOADER-I-DECmessageQ System Loader starting...
%DMQ_0000_00001-DMQ_LOADER-I-Parsing PROFILE Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing X-Group Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Skipping Buffer Pool Configuration
Section
%DMQ_0000_00001-DMQ_LOADER-I-Parsing Queue Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing SBS Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing MRS Configuration Table
%DMQ_0000_00001-DMQ_LOADER-I-Parsing Group Name Table
%DMQ_0000_00001-COM_SERVER-I-Created 200 entry Group Name Table containing
32 pages
%DMQ_0000_00001-DMQ_LOADER-I-DECmessageQ load successfully completed
%DMQ_0000_00001-COM_SERVER-I-Created 1 multi-reader queue
%DMQ_0000_00001-COM_SERVER-I-Automatic reset of counters at 15-FEB-1991
11:53:47
%DMQ_0000_00001-COM_SERVER-I-Group 1 (ONE) Initialized
   ...Starting DMQ_S_000000001 (DMQ$SBS_SERVER)
%RUN-S-PROC_ID, identification of created process is 21A000B6
   ...Starting DMQ_M_000000001 (DMQ$MRS_SERVER)
%DMQ_0000_00001-SBS_SERVER-I-SBS_SERVER(DMQ V1.0-00) Booted
%DMQ_0000_00001-SBS_SERVER-I-SBS_SERVER(DMQ V1.0-00) Initialized
%RUN-S-PROC_ID, identification of created process is 21A000B7


%DMQ-I-COMSTART, DECmessageQ COM Server DMQ_C_0000_00001 successfully
started

%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 11:55:00.56
%DMQ_0000_00001-MRS_SERVER-I-MRS DMQ V1.0-00 starting
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 11:55:03.71
%DMQ_0000_00001-MRS_SERVER-I-Space alloted for 15 queues, 100 messages
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 11:55:03.99
%DMQ_0000_00001-MRS_SERVER-I-DQF size:0 bytes, chunks:0, chunk_size:2500
bytes
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 11:55:04.11
%DMQ_0000_00001-MRS_SERVER-I-Max SAF files:100, SAF file size:10000
bytes
%DMQ_0000_00001-MRS_SERVER-I-15-FEB-1991 11:55:05.93
%DMQ_0000_00001-MRS_SERVER-I-MRS DMQ V1.0-00 initialized
                    DECmessageQ

          Installation Verification Program.


    To override default of temporary process numbers

  use the logicals DMQ$DCL_NUMBER and DMQ$DCLS_NUMBER.


 ok - STARTING VALIDATION OF DECmessageQ ROUTINES
    Test declare process.
    Test declare synch process.
    Synch declared self as 201.
    Test allocating a message buffer.
    Test send message.
    Test receive message wait.
    Test free message just received.
    Test disconnecting from PAMS.
    Test re-declaring to PAMS.
    Declared self as 1.202.
```

```
    Test re-declaring synch to PAMS.
    Synch declared self as 203.
    Test set timer.
    Test waiting for the timer just set.
 ok - SET TIMER     ...waiting 5 seconds
    Test receiving the timer message.
    Test canceling the timer.
    Test setting synch.
    Test sending and receiving synch messages.
    Test canceling synch.
    Test pass-along of receive buffers.
    Test pass-along of UCB buffers.
    Test for both normal and synch receive buffers.
    Test synch queue buffer flushing.
 ok - NORMAL PAMS CALLS HAVE EXECUTED PROPERLY
 ok - STARTING TEST OF PROPER ERROR CONDITION CODE PRODUCTION
    Test declare process 2X.
    Test allocate buffer 2X.
    Test send message 2X.
    Test receive message wait timeout.
    Test free message 2X.
    Test send message with bad priority.
    Test send message with bad delivery number.
 ok - ERROR PRODUCING PAMS CALLS HAVE EXECUTED PROPERLY
%DMQ-I-COMSTOP, Preparing to stop DECmessageQ COM Server DMQ_C_0000_00001

%DMQ-S-SETLNM, Set to DECmessageQ LNM table DMQ$LNM_0000_00001
DMQ$FORCEX: Forcing image termination on process "DMQ_C_000000001"
DMQ$FORCEX: Process "DMQ_C_000000001" image terminated.
%DMQ_0000_00001-I-FORCEX, Process # 98 "MRS_SERVER
" PID (21A000C4) forced to exit.
%DMQ_0000_00001-I-FORCEX, Process # 99 "SBS_SERVER
" PID (21A000C3) forced to exit.
%DMQ-I-RTLREM, Removed DMQ$MSGSHR
%DMQ-I-RTLREM, Removed DMQ$EXECRTL
%DMQ-I-RTLREM, Removed DMQ$PSSRTL
%DMQ-I-RTLREM, Removed DMQ$ENTRYRTL

%DMQ-I-CLNUP, Cleaning up
%DMQ-I-CLNUP, Removing subdirectory FLASH$DUA0:[DMQ$V10.USER.0000_00001]
%DMQ-I-CLNUP, Removing subdirectory FLASH$DUA0:[DMQ$V10.LOG.0000_00001]
%DMQ-I-CLNUP, Removing subdirectory FLASH$DUA0:[DMQ$V10.MRS.0000_00001]
%DMQ-I-CLNUP, Clearing logical name table DMQ$LNM_
Removing logical DMQ$BOOT_DATA_FILE from table DMQ$LNM_TBL
Removing logical DMQ$BUS_GROUP from table DMQ$LNM_TBL
Removing logical DMQ$DEMO from table DMQ$LNM_TBL
Removing logical DMQ$DOC from table DMQ$LNM_TBL
Removing logical DMQ$ENTRYRTL from table DMQ$LNM_TBL
Removing logical DMQ$MSGSHR from table DMQ$LNM_TBL
Removing logical DMQ$EXAMPLES from table DMQ$LNM_TBL
Removing logical DMQ$EXE from table DMQ$LNM_TBL
Removing logical DMQ$EXECRTL from table DMQ$LNM_TBL
Removing logical DMQ$INIT_FILE from table DMQ$LNM_TBL
Removing logical DMQ$LIB from table DMQ$LNM_TBL
Removing logical DMQ$LOG from table DMQ$LNM_TBL
Removing logical DMQ$PSSRTL from table DMQ$LNM_TBL
Removing logical DMQ$USER from table DMQ$LNM_TBL
Removing logical DMQ$VERSION from table DMQ$LNM_TBL

%DMQ-S-SUCCESS, DECmessageQ for VMS IVP successfully completed.
 DECmessageQ V1.0 IVP completed at 15-FEB-1991 11:56
 Installation of DMQ V1.0 completed at 11:57


 VMSINSTAL procedure done at 12:46
```

B

DECmessageQ Files and Logical Names Installed on Your System

The DECmessageQ installation procedure installs a number of files on your system and defines some logical names. Section B.1 lists the files installed. Section B.2 lists the logical names that are added to the system logical name table.

B.1 File Names

This section contains the names of all files created on your system when DECmessageQ is installed.

B.1.2 Development Base Kit Files

Table B–1 lists the base kit files that are added during the installation of the development kit.

Table B–1 Development Base Kit Files

File Name	Location
DQF_CONTROL.C	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
JTEST.C	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
SINK.C	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
SINK.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
SRC.C	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
SRC.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
VALID.C	DMQ$DISK:[DMQ$V10.EXAMPLES.MRS]
AVAILMSGDEF.H	DMQ$DISK:[DMQ$V10.EXAMPLES.SBS]
AVAIL_EXAMPLE.C	DMQ$DISK:[DMQ$V10.EXAMPLES.SBS]
BRDCST_EXAMPLE.C	DMQ$DISK:[DMQ$V10.EXAMPLES.SBS]
SBSMSGDEF.H	DMQ$DISK:[DMQ$V10.EXAMPLES.SBS]
SBS_EXAMPLE.C	DMQ$DISK:[DMQ$V10.EXAMPLES.SBS]
SBS_EXAMPLE.LNK	DMQ$DISK:[DMQ$V10.EXAMPLES.SBS]
BUILD_MBX_UCB.COM	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
CNTRLC.C	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
CNTRLC.LIS	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
CNTRLC.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]

(continued on next page)

Table B–1 (Cont.) Development Base Kit Files

File Name	Location
MBX.C	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
MBX.LIS	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
MBX.LNK	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
MBXRCV.C	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
MBXRCV.LIS	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
MBXSND.C	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
MBXSND.LIS	DMQ$DISK:[DMQ$V10.EXAMPLES.UCBS]
BUILD_PAMS_TASK_EXAMPLES.COM	DMQ$DISK:[DMQ$V10.EXAMPLES]
BUILD_PASCAL_PEN_FILE.COM	DMQ$DISK:[DMQ$V10.EXAMPLES]
COBOL_RECEIVER.COB	DMQ$DISK:[DMQ$V10.EXAMPLES]
COBOL_RECEIVER.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
COBOL_SENDER.COB	DMQ$DISK:[DMQ$V10.EXAMPLES]
COBOL_SENDER.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
DMQ$MRQ_TEST.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
DMQ$QMENU.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
ECHO.PSS	DMQ$DISK:[DMQ$V10.EXAMPLES]
GETMSG_AST.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
GETMSG_EF.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMPRTERR.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMPRTERR.PLI	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMPRTMSG.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMPRTMSG.PLI	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMPRTSTS.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMPRTSTS.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS.LIS	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS.PAS	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS.PEN	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMSAMPLE.FOR	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMSAMPLE.PLI	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMSAMPLE_C.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMSAMPLE_C.LNK	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMSSLEEP.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS_TASK_PKG.ADA	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS_TASK_PKG_.ADA	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS_TASK_SENDER.ADA	DMQ$DISK:[DMQ$V10.EXAMPLES]
PAMS_TASK_TESTER.ADA	DMQ$DISK:[DMQ$V10.EXAMPLES]
PUT_WF_REPLY.C	DMQ$DISK:[DMQ$V10.EXAMPLES]

(continued on next page)

Table B–1 (Cont.) Development Base Kit Files

File Name	Location
SENDER.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
SENDER.PSS	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_BUILD.COM	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_CLIENT.ADA	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_CLIENT.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_CLIENT.FOR	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_CLIENT.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_RUN_SERVER.COM	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_SERVER.ADA	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_SERVER.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_SERVER.FOR	DMQ$DISK:[DMQ$V10.EXAMPLES]
SIMPLE_SERVER.OBJ	DMQ$DISK:[DMQ$V10.EXAMPLES]
TTAST.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
WATCHDOG.C	DMQ$DISK:[DMQ$V10.EXAMPLES]
DMQ$BOOT.COM	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
DMQ$INIT.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
DMQ$PSSRTL.MAP	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
DMQ$TYPCLS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
HIDDEN_DATA_TYPES.PAS	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAIENTBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAIENTPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAIGRPBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAIGRPPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAIPRCBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAIPRCPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAISTSBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAISTSDBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAISTSDPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAISTSPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAISYMBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAISYMPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAITYPBLI.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAITYPPAS.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAMS_ADA_ENTRY_POINT_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAMS_ADA_GROUP_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAMS_ADA_PROCESS_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAMS_ADA_RETURN_STATUS_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]

(continued on next page)

Table B–1 (Cont.) Development Base Kit Files

File Name	Location
PAMS_ADA_RETURN_STATUS_DEF_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAMS_ADA_SYMBOL_DEF_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PAMS_ADA_TYPE_CLASS_.ADA	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PSSBUILD.MLB	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PSSSYNTAX.MAR	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
PSSSYNTAX.OBJ	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
SYCUSTOMIZE.COM	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
DMQ$CHECK_LICENSE.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$CHECK_LICENSE.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COM_SERVER.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COM_SERVER.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COM_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COPY_LNM_TABLE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$CREATE_GROUP.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$CUSTOMIZE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DEASSIGN.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DETACH_PROCESS.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DNSLOAD.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DNSLOAD.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_CONTROL.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_CONTROL.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_UTIL.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_UTIL.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DSPBLK.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DSPBLK.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DUMP_GNT.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DUMP_GNT.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$ENTRYRTL.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$ENTRYRTL.OPT	DMQ$DISK:[DMQ$V10.EXE]
DMQ$ENTRYRTLV10.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$ETHTEST.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$EXECRTL.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$EXECRTLV10.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FORCEX.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FORCEX.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FORCEX.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FULLTEST.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$IVP.COM	DMQ$DISK:[DMQ$V10.EXE]

(continued on next page)

Table B–1 (Cont.) Development Base Kit Files

File Name	Location
DMQ$IVP.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$IVP.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$JTEST.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$JTEST.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LIST_PROCS.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LIST_PROCS.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LLS_VERIFY.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LLS_VERIFY.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOADER.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOADER.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOOP.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOOP.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MACWRITE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MENU.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MONITOR.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MONITOR.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRQ_TEST.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRQ_TEST.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRS_SERVER.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRS_SERVER.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRS_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MSGSHR.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MSGSHR.OBJ	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MSGTBLBLD.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PEXIT.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PRCTBLBLD.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PROCESS_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSBUILD.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSRTL.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSVFY.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSVFY.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSVFYD.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QFLUSH.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QFLUSH.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QMENU.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QMENU.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QTRANSFER.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QTRANSFER.MAP	DMQ$DISK:[DMQ$V10.EXE]

(continued on next page)

Table B–1 (Cont.) Development Base Kit Files

File Name	Location
DMQ$QTRANSFER_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_EXAMPLE.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_EXAMPLE.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_SERVER.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_SERVER.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SET_LNM_TABLE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SHUTDOWN.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SINK.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SINK.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SRC.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SRC.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$STARTUP.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST_LOCATE.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST_LOCATE.MAP	DMQ$DISK:[DMQ$V10.EXE]
DMQ$VALID.LNK	DMQ$DISK:[DMQ$V10.EXE]
DMQ$VALID.MAP	DMQ$DISK:[DMQ$V10.EXE]
LINK.COM	DMQ$DISK:[DMQ$V10.EXE]
LINKALL.COM	DMQ$DISK:[DMQ$V10.EXE]
PAMPRTMSG_STUB.OBJ	DMQ$DISK:[DMQ$V10.EXE]
DMQ$IVP.TLB	DMQ$DISK:[DMQ$V10.LIB]
DMQ$OLB.OPT	DMQ$DISK:[DMQ$V10.LIB]
DMQ.MLB	DMQ$DISK:[DMQ$V10.LIB]
DMQ.OPT	DMQ$DISK:[DMQ$V10.LIB]
DMQ.TLB	DMQ$DISK:[DMQ$V10.LIB]
DNS.OLB	DMQ$DISK:[DMQ$V10.LIB]
ETH_UCB.OLB	DMQ$DISK:[DMQ$V10.LIB]
EXEC.OLB	DMQ$DISK:[DMQ$V10.LIB]
MRS.OLB	DMQ$DISK:[DMQ$V10.LIB]
MSG.OLB	DMQ$DISK:[DMQ$V10.LIB]
PSS.OLB	DMQ$DISK:[DMQ$V10.LIB]
PSS_STUBS.OLB	DMQ$DISK:[DMQ$V10.LIB]
SBS.OLB	DMQ$DISK:[DMQ$V10.LIB]
UCB.OLB	DMQ$DISK:[DMQ$V10.LIB]
DMQ010.RELEASE_NOTES	SYS$HELP
DMQ010.RELEASE_NOTES	DMQ$DISK:[DMQ$V10.DOC]

(continued on next page)

Table B–1 (Cont.) Development Base Kit Files

File Name	Location
DMQ_UCB_PROG_GUIDE.LINE	DMQ$DISK:[DMQ$V10.DOC]
DMQ$CHECK_LICENSE.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COM_SERVER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DNSLOAD.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_CONTROL.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_UTIL.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DSPBLK.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DUMP_GNT.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$ENTRYRTLV10.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$EXECRTLV10.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FORCEX.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$IVP.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$JTEST.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LIST_PROCS.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LLS_VERIFY.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOADER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOOP.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MONITOR.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRQ_TEST.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRS_SERVER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MSGSHRV10.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSVFY.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QFLUSH.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QMENU.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QTRANSFER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_EXAMPLE.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_SERVER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SINK.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SRC.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST_LOCATE.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$VALID.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSRTL.EXE	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]

B.1.2 Development Kit Demo Files

Table B–2 lists the demo files that are added during the installation of the development kit.

Table B–2 Development Demo Kit Files

File Name	Location
CHECK_FOR_DMQ.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
CHECK_FOR_DMQ.LIS	DMQ$DISK:[DMQ$V10.DEMO.VMS]
CHKDQF.COM	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_ARCHIVE.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_BUILD.COM	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_CLIENT.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_CLIENT.LIS	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_DEFS.H	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_FULL_MONITOR.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_FULL_MONITOR.H	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_FULL_MONITOR.LIS	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_IO_SERVER.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_IO_SERVER.LIS	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_LIBRARY.OBJ	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_LIBRARY.OLB	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_MONITOR.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_MONITOR.LIS	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_ROUTER.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_START.COM	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_SUBS.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_SUBS.LIS	DMQ$DISK:[DMQ$V10.DEMO.VMS]
POLICY_FILE.DAT	DMQ$DISK:[DMQ$V10.DEMO.VMS]
POLICY_FILE.FDL	DMQ$DISK:[DMQ$V10.DEMO.VMS]
TEST_GET.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
TEST_PUT.C	DMQ$DISK:[DMQ$V10.DEMO.VMS]
CHECK_FOR_DMQ.EXE	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_CLIENT.EXE	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_FULL_MONITOR.EXE	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_IO_SERVER.EXE	DMQ$DISK:[DMQ$V10.DEMO.VMS]
DEMO_MONITOR.EXE	DMQ$DISK:[DMQ$V10.DEMO.VMS]

B.1.3 Run-time Kit Files

Table B–3 lists the files that are added during the installation of the run-time kit.

Table B–3 Run-time Kit Files

File Name	Location
DMQ010.RELEASE_NOTES	SYS$HELP
DMQ$BOOT.COM	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
SYCUSTOMIZE.COM	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
DMQ$INIT.TXT	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]
DMQ$COM_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COPY_LNM_TABLE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$CREATE_GROUP.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$CUSTOMIZE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DEASSIGN.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DETACH_PROCESS.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FORCEX.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FULLTEST.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$IVP.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MENU.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRS_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PROCESS_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QTRANSFER_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_START.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SET_LNM_TABLE.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SHUTDOWN.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ$STARTUP.COM	DMQ$DISK:[DMQ$V10.EXE]
DMQ010.RELEASE_NOTES	DMQ$DISK:[DMQ$V10.DOC]
DMQ_UCB_PROG_GUIDE.LINE	DMQ$DISK:[DMQ$V10.DOC]
DMQ$IVP.TLB	DMQ$DISK:[DMQ$V10.LIB]
DMQ$CHECK_LICENSE.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$COM_SERVER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DNSLOAD.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_CONTROL.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DQF_UTIL.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DSPBLK.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$DUMP_GNT.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$ENTRYRTLV10.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$EXECRTLV10.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$FORCEX.EXE	DMQ$DISK:[DMQ$V10.EXE]

(continued on next page)

Table B–3 (Cont.) Run-time Kit Files

File Name	Location
DMQ$IVP.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$JTEST.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LIST_PROCS.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LLS_VERIFY.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOADER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$LOOP.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MONITOR.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRQ_TEST.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MRS_SERVER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$MSGSHRV10.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSVFY.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QFLUSH.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QMENU.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$QTRANSFER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_EXAMPLE.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SBS_SERVER.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SINK.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$SRC.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$TEST_LOCATE.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$VALID.EXE	DMQ$DISK:[DMQ$V10.EXE]
DMQ$PSSRTL.EXE	DMQ$DISK:[DMQ$V10.USER.TEMPLATE]

B.2 Logical Names

DECmessageQ creates named logical name tables that are mapped into the context of processes that use DECmessageQ. See the *DECmessageQ Management and Configuration Guide for VMS* for a complete list of logical names.

How to Order Additional Documentation

Technical Support

If you need help deciding which documentation best meets your needs, call 800-343-4040 before placing your electronic, telephone, or direct mail order.

Electronic Orders

To place an order at the Electronic Store, dial 800-DEC-DEMO (800-332-3366) using a 1200- or 2400-baud modem. If you need assistance using the Electronic Store, call 800-DIGITAL (800-344-4825).

Telephone and Direct Mail Orders

Your Location	Call	Contact
Continental USA, Alaska, or Hawaii	800-DIGITAL	Digital Equipment Corporation P.O. Box CS2008 Nashua, New Hampshire 03061
Puerto Rico	809-754-7575	Local Digital subsidiary
Canada	800-267-6215	Digital Equipment of Canada Attn: DECdirect Operations KAO2/2 P.O. Box 13000 100 Herzberg Road Kanata, Ontario, Canada K2K 2A6
International	————	Local Digital subsidiary or approved distributor
Internal[1]	————	SSB Order Processing - WMO/E15 *or* Software Supply Business Digital Equipment Corporation Westminster, Massachusetts 01473

[1]For internal orders, you must submit an Internal Software Order Form (EN-01740-07).