

Contents

- About This Document..... i
 - Purposei
 - Organizationi
 - Related Documentation ii
 - Diagnostic Procedures ii
 - Collecting Diagnostic Data. iii
 - Interpreting Diagnostic Data iii
 - Contacting Technical Support..... iii

- Chapter 1 Introduction to BIM-FAQS/CALL Installation
 - Introduction 1
 - Description 1
 - Requirements 1
 - Assumptions 2

- Chapter 2 BIM-FAQS/CALL Installation Checklist
 - Introduction 1
 - Before Installing..... 1
 - Checklist..... 1
 - Preinstallation Decisions 3
 - Reinstalling..... 3
 - Sample Jobstream 3
 - Checking LIBDEFs 3

- Chapter 3 Installing BIM-FAQS/CALL
 - Introduction 1
 - Procedure..... 1

Chapter 4 Adding the TCP/IP ID Card

Introduction.....	1
Procedure.....	1

Chapter 5 BIM-FAQS/CALL Call Lists

Introduction.....	1
Setting Up Call Lists.....	1
Definitions.....	1
Types of Call Lists.....	2
Example to Set Up a Trigger in ASO.....	2
Additional Information.....	3

Chapter 6 Setting Up A Call List

Introduction.....	1
Setting Up a Call List.....	1
Reply and Action Example.....	5
Adding to an Existing Call List.....	5

Chapter 7 Changing ASO Message Definition

Introduction.....	1
Changing the ASO Message.....	1
Changing the PCS Message.....	2
Additional Information.....	3

Appendix A BIM-FAQS/CALL Help

Introduction.....	1
General Display Help.....	1
Description.....	1
Keys Definitions.....	2
Actions Definitions.....	2
Call List Definition Panel.....	2
Description.....	2
Example of Valid ACTION.....	3
Field-Level Help.....	3
Contacts to be Added or Changed.....	3
Description.....	3
Example of Valid ACTION.....	3
Field-Level Help.....	4
Call List Display Panel.....	4
Keys Definitions.....	4
Actions Definitions.....	4
Field Definitions.....	4

Call List Display Panel: 4
Call List Add Panel 4

Glossary 1

Index 1

About This Document

Purpose

The *BIM-FAQS/CALL Installation Guide* describes the procedures needed to install BIM-FAQS/CALL.

Organization

[Table 1 on page -i](#) shows how this document is organized:

Table 1. Guide Organization

Chapter	Description
1	Provides an overview of BIM-FAQS.
2	Presents an ordered checklist.
3	Provides information to install the BIM-FAQS/CALL jobstream.
4	Provides information to add the TCP/IP ID card.
5	Discusses information about the BIM-FAQS/CALL call lists.
6	Discusses how to change the ASO message definition for a 1S78L.

Related Documentation

The following reference materials may be helpful:

- *BIM-FAQS/ASO Online User's Guide*
- *BIM-FAQS/ASO Trial Guide*
- *BIM-FAQS/ASO User's Guide*
- *BIM-FAQS/PCS Implementation Guide*
- *BIM-FAQS/PCs Trial Guide*
- *BIM-FAQS/PCS Operations Guide*
- *BIM-FAQS Message Guide*
- IBM VSE advanced functions manuals:
 - *Data Management Concepts* (GC33-6192)
 - *System Control Statements* (SC33-6198)
 - *DOS/VSE JCL*, by Steve Eckols
 - *The REXX Language: A Practical Approach to Programming*, by M.F. Cowlshaw

Diagnostic Procedures

[Table 2 on page -ii](#) lists a summary of procedures that help with BIM software product problems.

Table 2. Steps to Diagnostic Procedures

Step	Action
1.	Categorize the problem and collect the data. See “Collecting Diagnostic Data” on page -iii .
2.	Identify the problem. See “Interpreting Diagnostic Data” on page -iii .
3.	Collect diagnostic data and call support. See “Contacting Technical Support” on page -iii .
4.	Work with Technical Support

Collecting Diagnostic Data

[Table 3 on page -iii](#) lists tips help categorize problems and to generate diagnostic data:

Table 3. Categorize and Generate Diagnostic Data

For	Check
Installation errors	All output produced by MSHP when the product was installed.
Screen errors	Copies of the screen in error and listings of all user-coded BIM-FAQS interfaces in use.
BIM-FAQS/CALL abends	All JCL, console logs and messages for failure. Listings of all user-coded BIM-FAQS interfaces in use. Information about the pager company when the failure took place.
User-initiated functions	The console logs, all JCL, listings, and screens for failure and listings of all user-coded BIM-FAQS interfaces in use.

Interpreting Diagnostic Data

The diagnostic data collected and answering the following questions will help identify the cause and resolve the problem:

- What was the sequence of events prior to the error condition?
- What circumstances existed when the problem occurred and what action was taken?
- Has this situation occurred before? What was different then?
- Did the problem occur after a particular PTF was applied or after a new release of the software was installed?
- Was a new release of the operating system installed recently?
- Has the hardware configuration changed, that is the tape drives, disk drives, and so forth?
- Has the pager device or page company changed?

If it is determined the problem is a result of an error in a CSI software product, contact CSI Technical Support, see [“Contacting Technical Support” on page -iii](#).

Contacting Technical Support

For North America, call (800) 795-4914.

For outside North America, call your local CSI Software Agent.

Please have the following information ready before contacting CSI Technical Support:

- All the diagnostic information described in [“Collecting Diagnostic Data” on page -iii](#).

- Product name, product code, release number.
 - Product name and release number of any other suspected software.
 - Release level and put level of the operating system
 - Your name, telephone number and extension, if any.
 - Your company name.
-

Introduction to BIM-FAQS/CALL Installation

Introduction

This section provides a basic overview of BIM-FAQS/CALL, which is part of a family of automated operations products.

Description

BIM-FAQS/CALL is an feature that extends the automation capabilities of BIM-FAQS/PCS and BIM-FAQS/ASO. It interfaces directly to an SNPP server that allows 2-way pager capabilities using TCP/IP for VSE.

BIM-FAQS/CALL alerts personnel by activating an alphanumeric pager.

BIM-FAQS/CALL has a mainframe component that is installed as part of BIM-FAQS/ASO and BIM-FAQS/PCS

Requirements

Requirements for this product are:

- Operating system VSE/ESA 2.3-2.7 or z/VSE 3.1
- BIM-GSS installed on system
- Either or both BIM-FAQS/ASO, BIM-FAQS/PCS installed on system
- TCP/IP for VSE installed and accessing the Internet

Assumptions

Below are a list of assumptions for the user installing this product:

- Knows VSE and how to use it.
 - Has some knowledge of BIM-FAQS/PCS or BIM-FAQS/ASO.
 - Knows and understands Imod.
 - Recognizes and understands REXX Execs.
 - Understands local procedures for downloading and submitting files.
-

BIM-FAQS/CALL Installation Checklist

Introduction

This section provides a checklist of the procedures to following in order to install and initialize BIM-FAQS/CALL.

Before Installing

Before installing BIM-FAQS/CALL, ensure the following:

- Review the tasks
- BIM-GSS is installed
- BIM-FAQS/PCS and/or BIM-FAQS/ASO is installed
- Install BIM-FAQS/CALL in same *library.sublibrary* as BIM-FAQS (ASO/PCS)

Checklist

To install BIM-FAQS/CALL, perform the tasks in the checklist contained in [Table 2-1 on page 2-1](#). Check each task as it is completed.

Table 2-1. BIM-FAQS/CALL Checklist

Task No.	Task	✓
1.	Acquire CSI Product Code from the CSI account representative	
2.	Install BIM-GSS before installing BIM-FAQS/CALL	
3.	Install BIM-FAQS/PCS and/or BIM-FAQS/ASO if not already installed	

Table 2-1. BIM-FAQS/CALL Checklist

Task No.	Task	✓
4.	Determine residence <i>library.sublibrary</i> in which to install the BIM-FAQS/CALL. Note: This should be the same <i>library.sublibrary</i> where the BIM-FAQS/(ASO/PCS) resides.	
5.	Make appropriate preinstallation decisions. See “Preinstallation Decisions” on page 2-3.	
6.	Perform preparatory steps necessary for each component being installed	
7.	Ensure appropriate LIBDEFs are added to the BG partition. Individual product installation requires that the BF partition have appropriate LIBDEFs. See “Checking LIBDEFs” on page 2-3.	
8.	Back up the following: <ul style="list-style-type: none"> ■ Residence library ■ SYSS\$MON and SYSS\$VIO PDSs Note: If this task was performed as part of the BIM-GSS installation, do not do it again here.	
9.	Ensure appropriate installation environment exists before attempting any installation procedures. Must have the following: <ul style="list-style-type: none"> ■ Ability to IPL ■ Ability to recycle the JCLSCHEM, FAQSAO and FAQS online partitions ■ May also require ability to recycle TCP/IP for VSE 	
10.	Understand recovery procedures and, in an unlikely event, be prepared to execute them if necessary	
11.	Run the installation procedure. See Chapter 3, “Installing BIM-FAQS/CALL on page 1.”	
12.	Add the TCP/IP ID card if required. See Chapter 4, “Adding the TCP/IP ID Card on page 1.”	
13.	Set up the call lists. See Chapter 5, “BIM-FAQS/CALL Call Lists on page 1.”	
14.	Change the ASO message if required. See Chapter 7, “Changing ASO Message Definition on page 1.”	
15.	Initialize BIM-FAQS/CALL. See the <i>BIM-FAQS/(ASO & PCS) Automated Operations Installation and Initialization Guide</i> .	

Preinstallation Decisions

Before beginning the BIM-FAQS/CALL installation, determine whether this a reinstall. See [“Reinstalling” on page 2-3](#).

Reinstalling

If reinstalling into the same sublibrary, make a backup tape in the unlikely event a restore is needed.

Back up the following datasets:

- Residence library
 - CSI PDSs:
 - SYSS\$MON
 - SYSS\$VIO
-

Sample Jobstream

The following sample jobstream shows how to back up a SYSS\$xxx dataset using the BIM\$PUTL utility:

```
// JOB BACKUP SYSS$XXX
// TLBL GSPDSO, 'SYSS$XXX.BACKUP'
// ASSGN SYS010, cuu
// LIBDEF * ,SEARCH=lib.sublib
// EXEC BIM$PUTL,SIZE=BIM$PUTL
PDS=XXX, BACKUP
/*
/ &
```

XXX is any PDS ID and cuu is a virtual device address.

For a comprehensive description of the BIM\$PUTL utility, see the *BIM-GSS Installation and Utilities Guide*.

Checking LIBDEFs

Ensure the appropriate LIBDEFs are added to the BG partition for the BIM-GSS library and the BIM-FAQS (ASO/PCS) library. BIM-FAQS/CALL requires the use of the BIM-GSS library and the BIM-FAQS (ASO/PCS) library.

Perform the following:

1. Place the residence library in the LIBDEF search chain before any library that contains earlier versions of BIM-FAQS or BIM-GSS.
-

Installing BIM-FAQS/CALL

Introduction

This section shows how to install the BIM-FAQS/CALL jobstream.

Procedure

To load the BIM-FAQS/CALL jobstream, open your Web browser and do the following:

1. Enter **http://www.e-vse.com**
2. Click **Products**
3. Select **BIM-FAQS/CALL Information Notification Alert System** from the **System Management Collection** drop down menu.
4. Select **BIM-FAQS/CALL Downloads and Documentation**.
The downloads line is located below the system requirements paragraph.
5. Select **Click here to download**
6. Unzip the file **BCALDIST.ZIP**.
7. FTP member **BCALDIST.bjb** to JCL repository as a binary file.
8. Submit the member from [Step 7](#) to RDR Que.

Follow local procedures for submitting and downloading the file.

9. Enter **R RDR,BCALDIST**

The system displays messages similar to the following, which request a *library.sublibrary* in which to install the BIM-FAQS/CALL phase. CSI recommends using the same library containing BIM-FAQS/ASO and BIM-FAQS/PCS:

```

BG 0000 // JOB BCALDIST   INSTALL PROCESS FOR CSI-FAQS/CALL 1.0A
          DATE 08/29/2005, CLOCK 14/02/53
BG 0000 * -----+
BG 0000 *           CSI-FAQS/CALL           VERSION 1.0A
BG 0000 *
BG 0000 * AT THE PAUSE, ENTER THE LIBRARY AND SUB-LIBRARY
BG 0000 * WHERE CSI-FAQS/CALL IS TO BE INSTALLED.
BG 0000 *
BG 0000 * IT IS RECOMMENDED THAT IT BE INSTALLED INTO THE SAME
BG 0000 * LIB.SUBLIB THAT BIM-FAQS/ASO/PCS 5.2D IS INSTALLED!
BG 0000 *
BG 0000 *           0 SETPARM GLIB='LIB.SUBLIB'
BG 0000 *
BG 0000 * -----+
BG-0000 // PAUSE ENTER ==> 0 SETPARM GLIB='LIB.SUBLIB'

```

10. Enter **0 SETPARM GLIB='lib.sublib'**

where *lib* is the library and *sublib* is the sublibrary in which to install BIM-FAQS/CALL.

The system displays the library and sublibrary entered.

11. Enter **0**

The system displays messages similar to the following:

```

BG 0000 * Catalog Phase to BIM-FAQS/CALL Library
BG 0000 EP039 ALLOCATED 0028845 THRU 0029444 IJSYSLN SYSLNK=315 DSK315
BG 0000 * Catalog BIM-FAQS/CALL CSIBEEP Panel
BG 0000 * Catalog BIM-FAQS/CALL CSIFCHLP Help Panel
BG 0000 * Catalog BIM-FAQS/CALL $CSIBASO Imod
BG 0000 * Catalog BIM-FAQS/CALL $CSIBEEP Imod
BG 0000 * Update BIM-FAQS/CALL Error messages
BG 0000 * Apply BIM-FAQS/CALL patch to FAOMENUI panel.
BG 0000 write member: VIO:FAOMENUI.Sfx
BG 0000 read member: VIO:FAOMENUI.Sfx
BG 0000 delete member: VIO:FAOMENUI.Sfx
BG 0000 PROC BASOTEMP must be executed to apply fixes to BASO.
BG 0000 * CATALOG DESKTOP AND INTERNAL USE REXX IMODS
BG 0000 * Apply BIM-FAQS/CALL patch to JOLMENU0 panel.
BG 0000 write member: VIO:JOLMENU0.Sfx
BG 0000 write member: VIO:$PVAR.Ofx
BG 0000 read member: VIO:$PVAR.Ofx
BG 0000 delete member: VIO:$PVAR.Ofx
BG 0000 read member: VIO:JOLMENU0.Sfx
BG 0000 delete member: VIO:JOLMENU0.Sfx
BG 0000 PROC BPCSTEMP must be executed to apply fixes to BPCS.
BG 0000 * -----+
BG 0000 *           CSI-FAQS/CALL           VERSION 1.0A
BG 0000 *
BG 0000 *           INSTALL IS NOW COMPLETE.
BG 0000 *
BG 0000 * -----+
BG 0000 EOJ BCALDIST   MAX.RETURN CODE=0000

```

12. Set up the CSI product code before attempting to use the BIM-FAQS/CALL.

Get this number from the CSI account representative if not already done so.

If required, continue with [Chapter 4, "Adding the TCP/IP ID Card" on page 4-1..](#)

4

Adding the TCP/IP ID Card

Introduction

After completing the BIM-FAQS/CALL installation, add the TCP/IP ID card to the partition where FAQSAO runs.

Procedure

To add the TCP/IP ID card, do the following:

1. Enter // **OPTION SYSPARM='01'**

where 01 is the TCPIP ID. Add this card to the job where FAQSAO is running. Typically, this is the same job as JCLSCHEd.

Note:

[Step 2](#) accesses the JOLMENU0 panel. Perform this step from either a FAQS session or as a CICS transaction.

Note:

If PCS is unavailable, access the panel using AO I. Then at [Step 3](#), tab to option B

2. Enter **PCS**

The system displays a panel similar to the following:

```
JOLMENU0.0 ** BIM-FAQS/PCS Online V5.2D ** ID=VB27.PCSMAINT
===>

E#####N
e          ** BIM-FAQS/PCS Online - Menu Index          ** e
F#####O
e C e Current Event Maintenance e E e Master Events Maintenance e
e U e PDS Update e P e Event Forecasting e
e R e Retrieve Member from CMS e T e Transfer to CMS e
e Y e Verify Process Periods e Z e Account History Display e
e B e Browse PDS Member e F e Other Vendor Products e
e H e General Help e M e Utilities e
e V e Define Variables e X e Exit e
e I e REXX Member Update e J e BIM-FAQS/CALL > NEW e
e W e Work/Data Station e A e Audit History Display e
e O e Configuration Options e S e System Security e
e D e Resource Utilization e e e
F#####G#####G#####G#####O
e PDS ==> MON (PDS ID for Security Display and Update) e
D#####M
*** Copyright (c) 2004, CONNECTIVITY SYSTEMS, INC. ***

PF1=Help PF3=Return PF4=MSHP PF12=Exit
```

If required, continue with [“Setting Up A Call List”](#) on page 6-1.

BIM-FAQS/CALL Call Lists

Introduction

This section discusses information about the BIM-FAQS/CALL call lists. See the *BIM-FAQS/ASO User Guide* to set up a message definition.

Setting Up Call Lists

Definitions

It is recommended the user set up a BIM-FAQS/CALL Call List for the 1S78I message. The 1S78I message displays when a job cancels.

A Call List is the profile that tells the \$CSIBEEP Imod who and where to page. It allows the user to designate up to five contacts, each having their own message and reply.

Two supplied Imods run the pager interface:

- \$CSIBASO—Used by the 1S78I message triggered.
- \$CSIBEEP—Initiates the call to the pager.

Types of Call Lists

BIM-FAQS/CALL provides four types of call lists used in the \$CSIBASO Imod for message definitions. This allows for using different call lists during different times of day. Set up the call list as required for the time periods below:

- Those used for message definitions:
 - DAY1—Used during the hours of 0800–1730
 - NIT1—Used during the hours of 1730–0100
 - HOM1—Used during the hours 0100–0800
 - WEN1—Used during the weekend (Saturday and Sunday)
- Those used for non-1S78I messages:
 - DAY2—Used if a workday, such as Monday through Friday
 - HOM2—Used if not a workday, such as Saturday and Sunday
- Those used for commands triggered by AR and SMSG:
 - DAY3—Used during the hours of 0800–1730
 - NIT3—Used during the hours of 1730–0100
 - HOM3—Used during the hours 0100–0800
 - WEN3—Used during the weekend (Saturday and Sunday)
- Those used for other type of commands not already covered:
 - DAY4—Used during the hours of 0800–1730
 - NIT4—Used during the hours of 1730–0100
 - HOM4—Used during the hours 0100–0800
 - WEN4—Used during the weekend (Saturday and Sunday)

Example to Set Up a Trigger in ASO

Below is an example panel that assists in showing how to set up a trigger in ASO when a 1S78I message displays on the console.

Assumptions used in the example:

- The 1S78I message indicates a job was cancelled.
- The Imod, \$CSIBASO sends to FAQs/CALL the call list designated in the Imod.

3. Type **NEW**
4. Press **ENTER**.

The system displays a panel similar to the following:

```

CSIBEEP .* **      BIM-FAQS/PCS Online      V5.2D      **  ID=VB31.PCSMAINT
====>
E#####N
e          **      CSI-CALL CALL LIST Display      **      e
D#####M
Call List Mask ====> *
MEMBER NAME      RECS      BLKS      UPDATE TIMESTAMP      EXECUTE TIMESTAMP
CALLIST1         30         1      10/01/04 14.55.24      10/05/04 10.59.03
CALLIST2         13         1      11/03/04 20.55.38      11/05/04 03.35.22
CALLLIST         23         1      08/25/05 13.44.24      08/25/05 14.23.36
CALL3            19         1      02/01/05 15.59.54      02/02/05 03.35.24
CUST1            21         1      02/01/05 17.09.51      02/02/05 03.35.23
CUST1NOR         16         1      02/01/05 15.58.26      02/01/05 16.05.07
CUST2NOR         16         1      02/01/05 17.10.46      02/02/05 03.35.23
C4LIST           21         1      01/31/05 17.50.36      01/31/05 17.54.26
DAY              15         1      10/04/04 18.30.34      10/04/04 20.10.16
DAY1             8          1      11/11/04 23.54.32      11/21/05 12.16.19
DRJTST          8          1      11/04/04 14.59.59      12/08/04 14.00.28
DRJTSTM         28         1      09/09/04 14.02.27      09/10/04 02.35.26
DRJTSTR         8          1      10/05/04 11.51.29      10/05/04 16.21.12
HFSJRNL         8          1      11/30/04 16.50.11      07/20/05 17.23.21
HFSTST          8          1      12/15/04 16.07.47      11/21/05 12.00.32
HOM1            8          1      11/12/04 01.03.12      11/21/05 02.02.14
KEEP1           78         1      09/13/04 10.43.22      09/14/04 02.35.21
MSGMIX          8          1      08/18/05 12.28.38      08/23/05 10.11.37
MSGUP           8          1      08/18/05 12.29.45      11/20/05 11.00.51
NIGHT001        32         1      09/09/04 15.59.11      09/10/04 02.35.20
NIT1            8          1      11/04/04 14.51.41      11/21/05 00.16.02
PHONELST        13         1      08/27/04 10.16.51      08/28/04 02.35.10
PHONE1          56         1      09/14/04 11.52.31      09/15/04 02.35.11
PHONE1A         12         1      08/19/04 19.38.35      08/20/04 02.35.12
PHONE2T         13         1      09/10/04 13.46.38      09/10/04 13.55.18
PROBLEM         8          1      09/16/04 19.10.48      09/17/04 02.35.10
Actions:  A=Audit B=Browse C=Copy L=Delete R=Rename X=Edit

PF1=Help PF3=Return PF5=Add
    
```

Note:

Use the Call List Mask to display more specific call lists.

5. Press PF5.

The system displays a panel similar to the following:

```

CSIBEEP .5 ** BIM-FAQS/PCS Online V5.2D ** ID=VB31.PCSMAINT
===>
E#####N
e          ** CSI-CALL Call List Add ** e
D#####M
  Call list >          <
    Contact name >          <
Pager# ( 000 ) 000 - 0000 Escalation time > 00 < (In Minutes mm)
  Network ID >          <
    Port # > 00444 < (Default 444)
    Mess >          <
  Reply 1 >          <
  Reply 2 >          <
  Reply 3 >          <
  Reply 4 >          <
  Reply 5 >          <
  Action 1 >          <
  Action 2 >          <
  Action 3 >          <
  Action 4 >          <
  Action 5 >          <
PF1=Help PF3=Return PF4=Add

```

[Step 6](#) to [Step 12](#) are required fields and must contain an entry.

6. Tab to the Call List field and enter the name of the Call List.

Enter up to eight (8) alphanumeric characters.

7. Tab to the Contact Name field and enter the name of the first contact for the call list.

Initial caps is not required for entering contact names into the call list. However, what is typed is what displays.

8. Tab to the Pager# field and enter the pager/cell phone number of the contact from [Step 7](#).

9. Tab to the Escalation Time field and enter the number of minutes to wait before escalation takes place:

Enter a number from 0 to 99, where 0 is no escalation.

10. Tab to the Network ID field and enter the network identification of the SNPP server for the pager company.

For example, if using NEXTEL, enter *SNPP.NEXTEL.COM* and if using SKYTEL, enter *SNPP.SKYTEL.COM*.

11. Tab to the Port# field and enter the SNPP server port number.

The default is 444. However, if using SKYTEL pagers, the port# is 7777. If in doubt, contact the CSI BIM-FAQS/CALL technical support, see ["Contacting Technical Support" on page iii](#).

12. Tab to the Mess field and enter the message the contact is to view on the pager.

Important:

Each REPLY in [Step 13](#) requires a corresponding ACTION in [Step 14](#).

13. Tab to the Reply fields and enter the replies available for the contact to use.

Enter a maximum of five (5) replies.

This field allows the programmer to define a preprogrammed reply descriptor to describe the type of action taken if the reply is chosen.

If the contact does not require a reply, leave the Reply and Action fields blank. This displays a message informing the contact that no reply is required; for example, *WARNING No Reply Given or Message will Not be 2WAY*.

14. Tab to the Action field and enter the defined preprogrammed action that goes to the AR of the VSE system.

Enter a maximum of five (5) actions.

The action must be a valid VSE command. If not, the VSE system causes an invalid command message that is not sent back to the pager.

15. Continue filling out the panel. When complete, continue with [Step 16](#).

16. Press PF4.

This adds the new call list and contact.

17. Press PF3.

This exits the panel and returns the main call list display.

18. Press ENTER.

This refreshes the panel and redisplay the call list containing the new information.

If adding to this new call list or to another call list, continue with [“Adding to an Existing Call List” on page 6-5](#).

Reply and Action Example

Below are examples for setting replies with their associated actions. In the following sequence, the event name given when the CSIBEEP Imod is called replaces the &EVENT variable:

REPLY 1 'Continue on'

REPLY 2 'Rerun the Event from STEP10'

REPLY 3 'Put the Listing on Hold'

ACTION 1 'MSG JCLSCHED, DATA=AO \$RSTRT EXIEVNT RESET

ACTION 2 'MST JCLSCHED,DATA=AO \$RSTRT &EVENT STEP10'

ACTION 3 'A LST,EX1JOB1,DISP=HOLD'

Adding to an Existing Call List

This section describes adding contacts to existing call lists.

From the main call list display in either a FAQS session or as a CICS transaction, do the following:

1. Tab or use the arrow keys to place the cursor in the call list where additions are to be made.
2. Press ENTER.

Note:

Pressing x performs the same action.

The system displays a panel similar to the following:

```
CSIBEEP .u **   BIM-FAQS/PCS Online   V5.2D **   ID=VB31.PCSMAINT
====>
E#####N
e   **   CSI-CALL Contact List Display For CALLIST1 **   e
D#####M
_ Contact 1 > Robert Dougherty

Actions:  A=Add B=Browse L=Delete X=Edit

PF1=Help PF3=Return PF9+L=Delete
```

3. Tab to the Contact name field.

4. Type A.

This indicates to the system that an add function is to occur and displays a panel similar to the following:

```

CSIBEEP .d **   BIM-FAQS/PCS Online   V5.2D **   ID=VB31.PCSMAINT
==>
E#####N
e          **   CSI-CALL ADD New Contact   **   e
D#####M
  Call list > CALLIST1 <

    Contact name >                                     <
Pager# ( 000 ) 000 - 0000 Escalation time > 00 < (In Minutes mm)
    Network ID >                                       <
    Port # > 00444 < (Default 444)
    Mess >                                             <

Reply 1 >                                             <
Reply 2 >                                             <
Reply 3 >                                             <
Reply 4 >                                             <
Reply 5 >                                             <
Action 1 >                                           <
Action 2 >                                           <
Action 3 >                                           <
Action 4 >                                           <
Action 5 >                                           <

PF1=Help PF3=Return PF4=Add

```

5. Follow procedures in “Setting Up a Call List” on page 6-1, Step 7 through Step 14 to populate the fields.

The following fields do not require the same information as the initial contact:

- Reply and Action messages.
- Pager#.
- Network ID.
- Escalation time.

Note:

If specifying 0 for the escalation time, only the first contact is contacted. Unless this is a non-reply contact, once the first contact completes, the second contact is then acted upon. This continues in a sequential manner.

6. Press PF4.

This saves any updates just made.

7. Press PF3.

To add more contacts, press once and continue with Step 8.

Press twice to return to the Call List display, then continue with Step 11.

8. Tab, or cursor, to the contact.

9. Press ENTER.
10. Change the information as required.
11. Press PF4.

This updates the contact.

If finished, press PF3 until you exit the panels.

If required, continue with [Chapter 7, “Changing ASO Message Definition on page 1.”](#)

Changing ASO Message Definition

Introduction

This section discusses information about changing the ASO message definition for a 1S78I. The 1S78I message definition may need to be changed to use the \$CSIBASO Imod.

Changing the ASO Message

The ASO message definition for message 1S78I may need to be changed to use the \$CSIBASO Imod.

To make changes, do the following from the FAQS session:

1. Enter **AO M**
This allows the user to access the message definition panel.
2. Press the PF6 key.
This allows the user to edit the current message.

3. Page forward to find the Action Name of 1S78I.

This system displays a panel similar to the following:

```

FAOMENUM.M          ** BIM-FAQS/ASO Online V5.2D **          ID=VB27.PCSMAINT
====>

E##### File: FAQSASO s####N
e          sole Action Definition                               e
e Action Name ==> 1S78I                                         e
e Message   = ==> 1S78I           Scan ( 01 , 01 )           MTWRFSS e
e Message2  = ==>                Scan (    ,    )           _____ e
e Occurrences ==>                Phase ==>                  e
e Frequency ==> ( 00 : 00 : 00 )           Jobname ==>       e
e Time Range ==> ( 00 : 00 , 00 : 00 )     CPUID ==> *         e
e   _ Pid   =                               e
D#####M

ACTION Enabled
Highlight ( )           Disable Generics ( _ )
Hold      ( )           Simulate Action ( _ )
Unhold    ( )           Stop After Match ( _ )
Suppress  ( )           Old Style Args ( _ )
Delete    ( )           Command Delay ( 00 : 00 ) MM:SS
- REXX IMOD ( X ) ==> $CSIBASO
- Reply     ( ) ==>
- Command   ( ) ==>
- Mask      ( ) Mask=           Length=           Offset=
- Notify    ( ) Type=           User=           Node=           RSCS=

PF1=Field Help PF3=Return PF4=MSG exp PF5=Save PF6=Easy Scan PF9=MSG lookup
    
```

4. Enter **\$CSIBASO** at the REXX Imod ACTION field.
5. Ensure there is an X in the Enabled field beside REXX Imod .
This insures that the Imod being called is \$CSIBASO.
6. Press PF5 (Save).
7. Press PF3 (Exit).
8. Press PF6 (Load file).

Changing the PCS Message

Another value in which the user has the ability to change is in the \$CSIBEEP Imod.



CAUTION:

Changing the \$CSIBEEP Imod can cause a slow turn around. Please make sure the user has a full understanding of the process and any repercussions before attempting to change the statements.

To make changes, do the following from the FAQs/PCS session:

1. Enter **PCS I**

This accesses the PCS I definition panel.

2. Access the \$CSIBEEP Imod.

Use the search fields at the top right of the display or use the PF7/PF8 key to page forward/backward through the display.

3. Enter **X** to edit the Imod.

Can also cursor to the Imod and press ENTER.

4. Verify the following statements:

- a. wtshort=3

- b. wrlong=7

Change the values of the above statements only if necessary.

5. Press PF5 (Save).

6. Press PF3 (Exit).

7. Press PF6 (Load file).

Additional Information

For more information about using the message definition setup, see the *BIM-FAQS/ASO Users Guide*.



BIM-FAQS/CALL Help

Introduction

This appendix provides a reference of HELP panels for BIM-FAQS/CALL. The information is typical of what is done with the panels, such as:

- What fields do and their use.
- What commands do and their use.
- What PF keys do and their use.

Press the PF1 key to access the panels, when in a panel and put the cursor on the first character of the field.

General Display Help

This panel provides an overview of BIM-FAQS/CALL.

Description

BIM-FAQS/CALL allows pagers to be contacted based on a condition. The Imod \$CSBEEP sets up the call. There are Call Lists that the user sets up containing contacts. These contacts then are called via BIM-FAQS/CALL.

One of two types of messages are allowed:

1. \$2WAY—Allows the contact to reply to a message with preset replies that cause an action to be taken on VSE.

For example, if an event abends the call list NITESHFT is called, which contains for this particular type of abend. The contact is told of the problem and asked to respond to one of two replies:

- a. Rerun the event.
- b. Post the next Event.

Continuing with the example, if reply b is chosen, this is returned to the VSE system and the user-defined action is performed that posts the next Event.

2. \$MESS—An informational-type message that is sent to the pager but no reply is requested or expected.
-

Keys Definitions

Other keys available from this panel are:

- PF1 Help—Displays help information related to the panel or the field the cursor is in at the time.
 - PF3 Return—Exits this panel.
 - PF5 Add—Takes the user to the Add Call List and first Contact panel.
-

Actions Definitions

Additional actions available from this panel are:

- A Audit—Shows the audit trail of the call list.
- B Browse—Displays the contents of the call list.
- C Copy—Copies the call list to a different name.
- L Delete—Deletes the call list.
- R Rename—renames the call list to a new name.
- X edit—Displays the contacts in this call list for editing.

Call List Definition Panel

This panel allows call lists to be added to the system. The first contact is also required to be added at this time.

Description

The top half of the panel must be completely filled out, from the `Call List Name` field through to the `Mess` field.

The bottom half of the panel contains the `REPLY` and `ACTION` fields, which are only required for `2WAY`.

The `REPLY` field describes the action to be taken for the reply choice. A maximum of five (5) are allowed.

The `ACTION` field ties up with the `REPLY` and passes to `AR` for processing.

Press `PF4` when all information is entered on this panel to add the call list and the contact to disk.

Example of Valid ACTION

Below are example of two valid `ACTION`:

- Reset an Event:

```
$MSG JCLSCHED,DATA=&AO $EVENT RESET EVNT25X
```

- Release a Job from the `RDR` Que:

```
$R RDR,JOB25X
```

Field-Level Help

Field-level help is available for all input fields. To view this help, position the cursor in the input field and press `PF1`.

Contacts to be Added or Changed

This panel allows users to add, edit, and browse contact information. The contacts already defined are listed in the display. Selecting an action allows the user to modify existing contacts or add new contacts.

Description

The top half of the panel must be completely filled out, from the `Call List Name` field through to the `Mess` field.

The bottom half of the panel contains the `REPLY` and `ACTION` fields, which are only required for `2WAY`.

The `REPLY` field describes the action to be taken for the reply choice. A maximum of five (5) are allowed.

The `ACTION` field ties up with the `REPLY` and passes to `AR` for processing.

Press `PF4` when all information is entered on this panel to add the call list and the contact to disk.

Example of Valid ACTION

Below are examples of two valid `ACTION`:

- Reset an Event, where variable `&EVENT` is replaced with the Event name:

```
$MSG JCLSCHED,DATA=&AO $EVENT RESET EVNT25X
```

```
$MSG JCLSCHED,DATA=&AO $EVENT RESET &EVENT
```

- Release a Job from the RDR Que:

\$R RDR,JOB25X

Field-Level Help

Field-level help is available for all input fields. To view this help, position the cursor in the input field and press PF1.

Call List Display Panel

This panel shows all the currently defined contacts to the call list being viewed. The referenced call list displays in the header box.

Keys Definitions

Other keys available from this panel are:

- PF1 Help—Displays help information related to the panel or the field the cursor is in at the time.
- PF3 Return—Exits this panel.
- PF9 L+Delete—Deletes the contact from the call list when L and PF9 are used.

Actions Definitions

Additional actions available from this panel are:

- A Add—Allows user to add a new contact to the call list.
- B Browse—Displays the contact information.
- L Delete—Along with PF9, deletes the contact.
- X edit—Allows the contact information to be changed.

Field Definitions

This section provides definitions of various fields found on call list panels.

Call List Display Panel:

Field: Call List Mask

- Purpose—This field displays the call lists that are already defined.
- Syntax—Any valid eight (8) character member name. An asterisk (*) matches any character.

Call List Add Panel

Field: Call List

- Purpose—The name of the call list associated with the contacts being displayed. Or the name of the call list being added.

- Syntax—Any valid eight (8) character member name.

Field: Contact Name

- Purpose—A descriptor field for the contact. This may be the contact's name.
- Syntax—Any alphanumeric character. No uppercase translation takes place for this field, thus it is left as is.

Field: Pager#

- Purpose—This field contains the pager number for this contact.
- Syntax—Any numeric value used in a phone number.

Field: Escalation time

- Purpose—This field allows the user to set a time period after which the contact request is stopped. If there are other contacts in the call list, it goes to the next one or, if none, stops.
- Syntax—Numeric00 to 99. Default is 00, indicating no escalation is performed. The value is in minutes.

Field: Network ID

- Purpose—This field is the name of the server to which the page is sent.
- Syntax—Any valid Web site. For example, SNPP.NEXTEL.COM. Do not use an IP address, for example 200.159.2.1

Field: Port #

- Purpose—This field is the port number for the pager. Used in conjunction with the network ID.
- Syntax—Any valid port number 0-99999. Default is 444.

Field: Mess

- Purpose—Used for the message the user wants to send to the pager. The more descriptive it is, the more likely the contact will be able to understand it. For example, MESS 'EXJOB1 Cancelled. What do you want to do?'
- Syntax—Any alphanumeric characters. No uppercase translation occurs, thus this field remains as is.

Field: Reply

- Purpose—This field allows the user to define a preprogrammed reply descriptor to describe the action that will take place if this reply is chosen. For every reply there must be an action. A maximum of five (5) are allowed.

For example:

```
REPLY 1 'Continue'
```

```
REPLY 2 'Rerun the Event from STEP10'
```

```
REPLY 3 'Put the listing on hold'
```

- Syntax—Any alphanumeric characters. No uppercase translation occurs, thus this field remains as is.

Field: Action

- Purpose—This field allows the user to define a preprogrammed action that goes to the AR of the VSE system. The action must be a valid VSE command. If not the VSE system will cause an invalid command message that is not send back to the pager. A maximum of five (5) are allowed.

For example:

```
ACTION 1 'MSG JCLSCHED,DATA=&AO $RSTRT EX1EVNT  
RESET'
```

```
ACTION 2 'MSG JCLSCHED,DATA=&AO $RSTRT &EVENT  
STEP10'
```

```
ACTION 3 'A LST,EX1JOB1,DISP=HOLD'
```

- Syntax—Any alphanumeric characters. No uppercase translation occurs, thus the field remains as is.

Variable &EVENT is replaced with the event name given when the \$CSIBEEP Imod is called.

Glossary

Numerics

1S78I

Message produced when a job failed to complete correctly.

A

abends

A job that fails and cancels with an invalid reason code.

append

Text or a piece of text that is added to a file or document.

AR

Attention Routine. In VSE language, commonly known as the command processor.

C

Call List

The profile that tells the \$CSIBEEP Imod who and where to page.

CICS

See “Customer Information Control System.”

command line

A display line in which only commands can be entered

Customer Information Control System

An IBM-licensed program that provides online transaction processing services management for critical business applications. The application programming interface (API) enables programmers to port applications among the hardware and software platforms on which CICS is available.

D

display panel

Display image that defines the locations and characteristics of display fields.

H

help

Gives a user access to helpful information about objects, choices, tasks, and products. Help can appear on a menu bar, as a push button, or contextual about the specific choice or object on which the cursor is currently located.

I

IMod

Intelligent Module

P

panel

A display image that defines locations and characteristics of display fields on a display surface.

V

Virtual Telecommunications Access Method

IBM software that controls communication and data flow in an SNA network.

VTAM

See “Virtual Telecommunications Access Method.”

Index

A

assumptions, 2

B

BIM-FAQS/CALL, 2

- description, 1
- introduction, 1
- requirements, 1

BIM-FAQS/CALL help

- add contacts, 3
- call list definition panel, 2
- call list display panel, 4
- change contacts, 3
- field definitions, 4
- general display, 1
- introduction, 1

C

call list

- adding to, 5
- definition, 1
- new set up, 1
- types, 2

cards

- adding TCP/IP, 1

changing

- ASO message, 1

I

Imod

- supplied, 1

installing

- assumptions, 2
- before starting, 1
- BIM-FAQS/CALL, 1
- checking LIBDEF, 3
- checklist, 1

L

LIBDEF

- checking, 3

P

panels

- JOLMENU0, 2

procedures

- adding TCP/IP card, 1
- changing ASO message, 1
- installing BIM-FAQS/CALL, 1

S

setting up

- new call list, 1

