

May 1, 2000

## **BIM-FAQS/ASO 5.1B Release**

Enclosed herewith is a BIM-FAQS/ASO Release 5.1B tape and manuals.

The following changes have been made in this release:

- New commands:
  - VSAM VSAM CLUSTER/LISTCAT/SPACE Display Menu. Please see below for more information on this new feature.
  - ASO (PRTY) SET Extended command handling support. The BIM-FAQS/ASO command line can only support commands up to 72 characters. This new command allows the full priority list to be entered if you have more than 10 dynamic classes defined (VSE/ESA 2.5). ASO SET will bring up a menu panel containing a command line long enough to handle the full PRTY command.
- Function changes/additions:
  - PIDLIST An option 'L' has been added to place GETPRTY results in a string variable. Used by the ASO SET command but is available to BIM-FAQS (ASO & PCS) users.
  - ADDRESS AO SAY HTML New address environment which when active causes the text on any SAY command to become part of an HTML document. This is used by the new IMOD's BIMTCPFQ and BIMTCPIM.
  - ADDRESS AO SAY HVER New address environment which is the clean up and HTML send procedure used after the HTML document has been built.
- Changed commands:
  - HELP Now accesses a menu panel and includes all available BIM-FAQS/ASO commands and defined user commands.

- **D LST/RDR..** Better performance, POWER commands identified on console by the userid, PF9 will toggle the POWER QUEUE display panel from date/time to FROM=user/node to TO=user/node, an optional patch is available to display in CLASS order instead of in FREE/HOLD order as in version 5.1A.
- **\$SESHTML** The IMOD used for BIM-FAQS/ASO access from a browser has been changed to BIMTCPFQ and has been made more bulletproof.
- **IMOD** Support has been added to allow IMOD's to be run using the 'E' option from the IMOD List Display Panel (AO R).
- For VSE/ESA 2+, the K E command has been changed. If you place your cursor on a held line, all lines above it will also be removed. Now if you wish to remove only one line from held status you must use the K E,n command.
- Added support to allow multiple FAQSMAIN instances to be active simultaneously in different partitions. The XPCC id of each FAQSMAIN is determined by the new parameter, 'ID=<name>'. This allows users to select which FAQSMAIN instance they will use for the CICS, VTAM, BTAM, and HTML (CGI) interfaces. The CMS and ICCF interfaces must still use FAQSTXPC which is the default. For CICS, VTAM, and BTAM a new field has been added on the terminal main menu next to 'BIM-FAQS/ASO' following the '>' character. This field is a global variable so it should only need to be set once. If you are bypassing the main menu for these interfaces, you can still use this feature by specifying ID=<name> when entering FAQs from CICS or after 'P=FAQS' in the data parameter for the VTAM interface. For BTAM it can only be changed from the main menu. For HTML (CGI) you can determine the FAQSMAIN instance to use with the 'ID=<name>' parameter.
- Access to BIM-FAQS/ASO from a browser has been changed to take advantage of features added to BIM-FAQS/ASO and BIM-GSS 5.1B. Be sure to add the following definition to TCP/IP for VSE and be sure to include in the LIBDEF chain for the TCP/IP for VSE partition the lib.sublib where BIM-GSS 5.1B has been installed:

```
DEFINE FILE ,PUBLIC='BIM$TCPI' ,DRIVER=BIM$TCPI ,TYPE=CGI
```

- Below is an example of an initial HTML document for access to BIM-FAQS/ASO 5.1B from a browser.

```
<html>
<head>
<TITLE>Company Name</TITLE>
</head>
<body bgcolor="white" text="black" topmargin="0">
<HR>
<center>
<h3>BIM-FAQS-ASO INTERFACE FORM</h3>
<HR>
<FORM METHOD="POST" ACTION="HTTP://xxx.xxx.xxx.xxx/BIM$TCPI">
<INPUT TYPE="HIDDEN" NAME="IMOD" VALUE="BIMTCPFQ">
```

```

<INPUT TYPE="HIDDEN" NAME="US" VALUE="xxxxxxxx" >
<INPUT TYPE="HIDDEN" NAME="ID" VALUE="xxxxxxxx" >
<INPUT TYPE="HIDDEN" NAME="MD" VALUE="n" >
<INPUT TYPE="HIDDEN" NAME="CM" VALUE="xxxx.xxxxxx" >
<input type="submit" value="Start" >
</form>
</center>
</body>
</html>

```

- New parameters can be passed as input from your initial HTML document you use to access BIM-FAQS/ASO. In the above example they are defined as hidden but they could be defined as input text also. The following parameters have been added:
  - IMOD
    - The name of the IMOD to be executed. For BIM-FAQS/ASO this must be BIMTCPFQ. For other uses the IMOD must contain up to 8 alphanumeric characters only. The default is BIMTCPIM. This must be the **first** defined variable in the HTML document so you should leave it defined as hidden.
  - ID=<name>
    - The ID of the FAQSMAN instance to be accessed. This field can be up to 8 characters in length
  - MD=n
    - The number of lines per screen to use as determined by the mod number 'n' selected. Options are 1,2,3 and 4 with the default of 2 (24x80).
  - US=<userid>
    - The user id you want to sign on as to BIM-FAQS/ASO.
  - CM=<command>
    - The initial command to process once sign on is complete. This can be up to 80 characters unless you use the ID= parameter in which case the command can be up to 68 characters.
- Added support to the MSHP online panels to allow the use of alternate history files. A field allows you to enter a file id which determines which history file is to be used. The file id can be any name you wish to use in your history file(s) DLBL statement.
- Added support for screen data compression for all BIM-FAQS/ASO screens.
- Added support for the new POWER SEGMENT parameter to the D A menu panel.

- Two new commands: S for segment by PAGE for listings and by CARD for punch; and I for segmenting immediately. These new commands are placed next to the partition entry's output entry you wish to segment. You must have the IBM APAR applied for this to work, otherwise the request will be ignored.
- Added support for accessing cluster, space, and catalog listing for VSAM catalogs.
  - Access from BIM-FAQS/ASO from either the menu panel or by entering the VSAM command. The following are valid formats of the VSAM command:
    - VSAM
    - VSAM CLuster CLuster=<cluster name>
    - VSAM LIstcat CAtalog=<catalog name>
    - VSAM SPace VOlume=<volser>
    - VSAM CAtalog CAtalog=<catalog name>
  - The above parameters (catalog name, cluster name, and volser) can be entered as generics with an asterisk '\*' at the beginning, end, or both. Between the VSAM command option and the selection criteria you may substitute a comma for the space if you wish. The CATALOG command is a very useful feature. This command will determine the defined filename for any catalog file id or for all of the defined catalogs if you do not specify a catalog name to look for.
  - Note: You must include a 'DLBL <catname>.....,CAT=<catname>' for all catalogs or else you will receive a 4228I -- OPEN ERROR X'94'(148) and a return code of 8 from \$VSMSRVC on your display screen. If possible place these in the FAQSMAN partition for the quickest response times.
  - The VSAM command uses a new IMOD, \$VSMSRVC which accesses newly defined functions CLUSTER, LISTCAT, and VSSPACE that are available for all BIM-FAQS (ASO & PCS) users but not documented as of yet.
  - VSAM CLUSTER, LISTCAT, and SPACE panels will display a VTOC of a volume when your cursor is on a volser, or a DASD DUMP display if your cursor is on extent information for a cluster.
- If you are migrating from a -FAQS/ASO release earlier than 5.1A be sure to request the cover letter for the 5.1A version of BIM-FAQS/ASO to find out all the new features available for BIM-FAQS/ASO including the hardcopy file cache.
- NOTE: BIM-FAQS/ASO now uses BIM standard product code conventions. BIM-GSS version 5.1B contains phase BIM\$BCFQ which must be zapped with a new product code distributed in November of every year. In the release package you will find a '**BIM-FAQS/ASO Expiration Update**' letter containing a zap which must be applied to activate BIM-FAQS/ASO for your use.

**- BIM**