

June 1, 1998

BIM-FAQS/ASO 5.0A Release

Enclosed herewith is a BIM-FAQS/ASO Release 5.0A tape and manuals.

The following changes have been made in this release:

- Hold/unhold support for VSE/ESA 2+ is now available via patch. Note that the problem with unholding replies still exists due to replies being sent as two messages as in the following example:

```
Z2 0048 GJJ206I JOB SCHEDULER ACTIVE          (hold bit off)
```

```
Z2-0048                                         (hold bit on)
```

Since the message is not on the HELD line, BIM-FAQS/ASO does not know whether it should turn off the hold bit or not. The better solution is still to use console filtering and leave hold off for your VSE console.

- Support from an IMOD for starting access of a POWER member at a specified page or line number instead of just at the beginning (internal use).
- Added additional POWER display elements available from an IMOD function (internal use):

STOP TIME	READER STATUS FLAGS
START TIME	DUE INFO FLAG
PAPER STATUS BYTE	EXPIRED DUE DATE
FLASH IDENTIFIER	NEXT DUE DATE
NUM OF SEPARATOR PGS/CARDS	NEXT DUE TIME
ORIGINAL JOB NUMBER	OUTPUT DISTRIBUTION CODE
COMPACTION TABLE NAME	SECURITY ZONE (SECNODE)
SUBSYSTEM NAME	NUMBER OF LINES IN LST.

- Timeout of 30 seconds for MESSAGE function requests from an IMOD to eliminate run-on console requests.
- For ESA 1.3+, error messages are now loaded from a proc like for the ESA 2+ version. The proc name for both is DCMMSGDL.

- Year 2000 support.
- Added 'COBLE' command in POWER member display to scan for errors in new COBOL versions.
- Changed error numbers within the command server (FAQSMAIN) and the console server (FAQXCONS) to eliminate duplicate numbers.
- Remove confusing error message GFX403 that occurred even though GFX406 has already been displayed when a terminal session has a duplicate due to lost session.
- Eliminate FF1 hardwait when using turbo dispatcher and the POWER queue is in the VIO area.
- Add support for a default filter, \$DEFAULT which will be used for all BIM-FAQS/ASO console sessions before using the user's requested filter. By defining a filter with the name \$DEFAULT, you can create a common filtering scheme used by all BIM-FAQS/ASO users. When using the default filter support, the default is processed before the filter entry specified in the ID=x..x, if any.
- NEW SUPPORT: In order to address slow response times from hardcopy file display requests and BIM-FAQS/ASO user sign-ons under VSE/ESA 2+, BIM-FAQS/ASO now has support for a hardcopy file cacher, \$FAQSHC6. This program may be started at any time during/after IPL. Once started, it will cache hardcopy file messages in a wrap around fashion according to the cache size defined by the 'CACHE=' statement defined. This cache is located in HIGH SYSTEM GETVIS (if available) and will result in dramatic decreases in access times for BIM-FAQS/ASO console users. EXAMPLE: The following start up jcl:

```
// EXEC $FAQSHC6
CACHE=2M
/*
```

results in the following messages:

```
GFH600I BIM-FAQS/ASO HARDCOPY FILE CACHER VERSION V5.0A 03/04/98
GFH610I BIM-FAQS/ASO HC HOOK LOADED AT nnnnnn
GFH611I HC CACHE DEFINED AT nnnnnnnn, LENGTH=2M
```

If you do not specify the size of the cache, it will default to 1 meg and you will see this additional message:

```
GFH612I DEFAULT CACHE LENGTH OF 1 MEG WILL BE USED
```

The input data (from console or jcl) is of the following format(s):

CACHE=nnnM nnn Meg will be allocated as cache

CACHE=nnnK nnn Kb will be allocated as cache

where nnn is 1-999.

The cache holds 8196 messages for each meg of 31-bit storage used, so if you want to retain 30,000 records in the cache, you would use 'CACHE=4M' as a parameter which would retain the last 32768 messages or back to the \$FAQSHC6 initialization if less than this value.

NOTE: If you do not specify a cache, hardcopy file displays will work as on the previous release, but the initial screen upon entry to a BIM-FAQS/ASO session will contain only system held messages such as outstanding reply requests, etc. This was done to improve initial response. If you have a cache, the initial screen will be generated from messages and system held messages (replies, etc.) found on the cache meeting the user's filter criteria.

- Add redisplay command trace area for easier problem determination in the console server for VSE/ESA 2+ (FAQXCONS).
- Allow text data up to 69 characters on message lines printed or written by GSFAQSHC for VSE/ESA 1.3+ systems.
- NOTE: Due to changes in the BIM-GSS REXX compiler, you will need to compile all of your homegrown IMODS. This can be accomplished by editing and filing each IMOD, or via batch using batch routine GSPDSU. See BIM-GSS User's Guide for details.
- NOTE: BIM-FAQS/ASO now uses BIM standard product code conventions. BIM-GSS version 5.0A contains phase GSBFQPRD 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