

April 7, 1998

To: BIM-EDIT/VSE 4.2A, 5.0A-C, 5.1A-B, and 5.2A users

Enclosed are the necessary materials to upgrade to BIM-EDIT 5.2B from BIM-EDIT releases 4.2A, 5.0A-C, 5.1A-B, or 5.2A. This includes the following:

- 5.2B Tape or cartridge
- 5.2B Release Letter
- 5.2 System Reference Manuals
- 5.2 User Reference Manuals
- 5.1 Summary Reference Cards (still current)

Depending on which release of BIM-EDIT you are upgrading from, you will also receive one or more of the following release letters that describe the changes to each release:

- 5.2A Release Letter
- 5.1B Release Letter
- 5.1A Release Letter
- 5.0C Release Letter
- 5.0 Release Letter

Pre-Installation Planning

The following items should be considered before attempting to upgrade to release 5.2B of BIM-EDIT:

- Beginning with release 5.2A of BIM-EDIT, several changes are required to handle the years 2000 and above. These changes may affect BIM-EDIT procedures you have written, and any applications you may have that access BIM-EDIT using its Application Interface. The specific changes that have been made are outlined in a help member "EDIT-52A" that will be available once you have installed this release. In general, any system variable or output display that contained a date will now contain a 4-digit year instead of a 2-digit year. The affected variables are: OPSDATE, SIBDATE, TXLDTCRE, TXMCKDTE, TXMDTCRE and TXMDTUPD. The affected output displays are: LIBRARY, LIBRARYL, LIBRARYQ and SHOW. The changes to the output displays resulted in shifting and reordering some fields. Any procedure or application that extracts fields from these displays will need to be reviewed. If you are already running release 5.2A, you have already made the required changes.
- If you are using the product **BIM-EDIT/XP**, you will need to make sure that all of the PC workstations using that product have upgraded to release 1.6A or above of EDIT/XP. Older releases of EDIT/XP will not be able to logon to this release of BIM-EDIT. Release 1.6A of EDIT/XP will also function on earlier releases of BIM-EDIT.
- If you are using the product **BIM-PC/TRANSFER**, at release 1.5A or below, to either upload to or download from your BIM-EDIT database you will need to get fix #16790 from BIM to correctly handle the new LIBRARY command output format produced by this release of BIM-EDIT.

Installation Check-List

The following step-by-step instructions should be followed when upgrading to release 5.2B. These instructions will upgrade your current BIM-EDIT library to a 5.2B system. Specific steps have been included to provide a backout path if problems should occur.

This process could also be done from a copy of your current BIM-EDIT library, however, using a copy of your library will introduce synchronization problems if your production library is being updated during this conversion.

1. Review the enclosed release letters (5.2B, 5.2A, 5.1B, 5.1A, 5.0C, 5.0) for potential impact on your system.
2. If you are upgrading from release 4.2A of BIM-EDIT, define the new \$\$SYS.DEMO and \$\$SYS.UDP libraries by entering:

```
=> defl $sys.demo, 'system demo library'  
=> defl $sys.udp, 'user developed programs and procedures'
```

3. Perform a BIM-EDIT (VERIFY) on your current release to ensure that no problems exist prior to the conversion.
4. Perform a logical backup (BACKUPG) using your current release.
5. If you are currently using the ARCHIVE feature of BIM-EDIT, you must issue the ARCHIVE command to write the \$\$SIT.ARCHIVE members to tape before installing this new release.
6. If you have been using the BIM-EDIT Demonstration Facility (DEMO), and you are upgrading from release 5.0A-C of BIM-EDIT, you must delete all users from the DEMO facility prior to installing this new release. (Users upgrading from 4.2A, 5.1A, 5.1B and 5.2A should ignore this step.)
7. If you are currently running BIM-EDIT release 5.0C or above, and you are using the BIM-EDIT Calendar Feature (TODAY), you must remove it before installing this new release by using the INSTALL procedure as documented in Chapter 7 of the BIM-EDIT System Reference Manual. (Users upgrading from 4.2A, 5.0A and 5.0B should ignore this step.)
8. Shut down your current BIM-EDIT system (SHUT).
9. Install 5.2B by performing installation steps 2 through 4 as documented on pages 376-377 of the System Reference Manual. If you cannot install the phases for this release into new VSE libraries, then you must ensure that a backup is available of your current BIM-EDIT phases, and that you have the means to restore this backup, with BIM-EDIT 'down', in case a backout is required.

Installation step 2 requires a DITTO step to deblock the distribution tape. The format of the DITTO command depends on the release of DITTO you are running:

For release 2, (VSE/ESA 2.1 and above): TTR,190,191,FB,81,F,81

For release 1: TTR,190,191,81,1

10. Start up 5.2B. Extreme caution should be used here. Ensure that there are not any BIM-EDIT phases from your prior release that are somehow assessable to the 5.2B system. This includes any phases that were customized and assembled, e.g., exit routines, and batch and CICS BIM-EDIT phases such as BIMUTIL, BIMCSED, etc.

(Note: At this point, messages may be out of sync, i.e., the message table contains prior release messages. Don't panic if a particular message makes no sense -- you'll be loading the 5.2B messages shortly.)

11. Restore the 5.2B system libraries by submitting a job similar to the following:

```
// JOB RESTORE
// TLBL BIFLOG
// ASSGN SYS004,TAPE
// PAUSE MOUNT BIM-EDIT 5.2B DISTRIBUTION TAPE
// MTC FSF,SYS004,1
// EXEC BIMUTIL,PARM='SYSTEM=BIMEDIT'
LOGON $$SYS,$$SYS
RESTOREL $$SYS.CTRL
RESTOREL $$SYS.DEMO (Optional - Demo Facility)
RESTOREL $$SYS.DOC
RESTOREL $$SYS.HELP
RESTOREL $$SYS.JCL
RESTOREL $$SYS.MAINT
RESTOREL $$SYS.MODEL
RESTOREL $$SYS.PROC
RESTOREL $$SYS.SRC
RESTOREL $$SYS.UDP (Optional - User Developed Procedures)
/*
/&
```

12. Update the message table by entering the following command:

```
=> newcopy messages
```

Messages are now in sync.

13. If you are upgrading from release 4.2A of BIM-EDIT, ensure that your old system cannot be started by accident. If you must revert back to 4.2A, it will be necessary to perform a logical restore from the 4.2A logical backup performed in step 4.
14. Perform a 5.2B verify (VERIFY).
15. If you are upgrading from release 4.2A of BIM-EDIT, perform a logical backup (BACKUPG). Do not reuse the BACKUPG tape set created in step 4. After running this BACKUPG, you will have two logical backup tape sets, a final set from your prior BIM-EDIT release (created in step 4), and this one for 5.2B.

The 5.2B logical backup is extremely important. While BIM-EDIT 5.2B will allow selective library/member restores from 4.2A backup tapes, it will not allow a full system logical restore from a 4.2A tape. Therefore, take whatever cautions are deemed appropriate here. If an additional logical backup is needed for offsite storage, take it now.

16. If you've customized any BIM-EDIT modules, you'll probably want to do the same with the 5.2B modules. All customized modules must be reassembled using the 5.2B record descriptions and equates.

17. If you have any application programs that use the application interface, and you are upgrading from a release prior to 5.1A, assemble (or compile) and link these applications, so that the 5.2B application interface routines are linked in. This is the last time you will need to do this. The application interface was redesigned in release 5.1A such that only a linkage stub is included in your applications. **You should also review Chapter 6 of the System Reference Manual for any changes or additions to the BIM-EDIT Application Interface that may affect your applications.**

18. If you are using the TODAY feature, and you are upgrading from release 4.2A, 5.0A or 5.0B of BIM-EDIT, do the following (users upgrading from 5.0C, 5.1A-B and 5.2A should ignore this step):

a) PURGE the following members: \$SIT.PROC.TODAY
 \$SIT.PROC.LOGON (if not your procedure)

b) remove the following line from \$SIT.CTRL.COMMANDS:
 TODAY TODAY

19. If you are using the TODAY feature, and you were required to perform either step 7 or step 18 to remove it from your system, then you will now want to re-install it by executing command: INSTALL and selecting "CALENDAR feature".

20. If you are using the IBM INSTALL/SERVICE feature, and you are upgrading from release 4.2A, 5.0A or 5.0B of BIM-EDIT, do the following (users upgrading from 5.0C, 5.1A-B and 5.2A should ignore this step):

a) PURGE the following members: \$SIT.PROC.INSTALL
 \$SIT.PROC.SERVICE
 \$SIT.PROC.SRV\$SCNX

b) remove the following lines from \$SIT.CTRL.COMMANDS:
 INSTALL INSTALL
 SERVICE SERVICE
 SRV\$SCNX SRV\$SCNX

c) update the command table by entering the following command:

=> newcopy commands

d) execute command: INSTALL and select "IBM INSTALL/SERVICE feature"

21. If you have the "Archive and Recover" feature installed from a release of BIM-EDIT prior to 5.1A, you must use the INSTALL command to first remove, and then re-install this feature. Refer to Chapter 7 of the System Reference Manual.

22. Remember to re-add the DEMO users that were deleted in step 6 above.

- BIM