BEM—OS/3

Operator Command Summary Card

SPERRY UNIVAC

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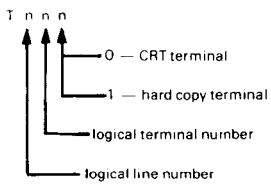
BEM—OS/3

OPERATOR COMMAND SUMMARY

UNSOLICITED KEY-INS TO BEM

STATUS	List of users on system
CLOSE	Close system to new users.
OPEN	Allow new users.
CANCEL ALL	Terminate all users.
CANCEL Tnnn	Cancel single user.
EOJ	Terminate BEM.
Tnnn message	Send message to one or more users.
SETUP n	Set communications line up.

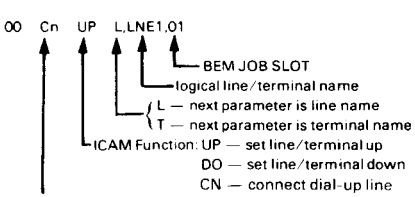


If line number is zero the message goes to all lines. If terminal number is zero the message goes to all terminals on the line. Thus, T000 broadcasts a message to all terminals on the system.

USER MESSAGES

All messages from BEM users are prefixed by the BEM message identification VI12 and the user's terminal ID. If a question mark (?) precedes the message, a reply is required. This reply will be displayed at the user's terminal.

ICAM KEY-INS



After the ICAM connect message is issued, the BEM SETUP command must also be issued for that line. Under level 2, this is done automatically.

BEM ERROR MESSAGES

INITIALIZATION MESSAGES

VI01 ICAM PARAM CARD IS MISSING/INVALID

One of the two PARAM cards specifying either the network name or buffer quantity is missing. The first PARAM card must contain the buffer specification and the second card, the network name. See the section of the manual (UA-0139) concerning the job stream for additional information.

VI02 ERROR IN REQUESTING OR OPENING A LINE

The ICAM to be used with BEM was not valid. Either no ICAM was loaded prior to initializing BEM or ICAM was not generated correctly. Consult the section of the manual dealing with ICAM generation and the current ICAM User Reference manual.

VI03 MESSAGE INDEX COULD NOT BE LOADED TO DISK

During initialization, BEM writes the complete message index to disk. The error message indicates that it could not be done successfully. Possible causes could be the lack of any disk scratch space assignments in the job, or a hardware error during initialization. Check the job stream and rerun. ICAM will need to be reloaded.

VI04 ERROR IN PRE-FORMATTING DISK SCRATCH SPACE

In attempting to format the scratch space on disk, an I/O error was encountered. Retry the job, or investigate for possible hardware malfunction.

VI05 NETWORK xxxx COULD NOT BE LOADED

The network listed in the message could not be loaded due to an ICAM error. Be sure that an ICAM has been loaded, and that the network PARAM card contains the same identifier as was used to generate ICAM.

VI06 PROGRAM CHECK HAS OCCURRED WITHIN INIT

The most common cause of this error is that insufficient memory was allocated on the BEM job card. Another cause is that an ICAM was not present when BEM attempted to request the communications network. An ICAM generation with errors could also cause this message. If the ICAM is correct, this message indicates a software problem within BEM. Submit all relevant data (dumps, ICAM-gen, job control, configuration) to your local Sperry Univac Customer Representative.

VI07 BEM SYSTEM READY (VER x.x)

This indicates a successful completion to BEM initialization. The system is ready for use.

VI08 EXTENDED INSTRUCTION SET NOT PRESENT

BEM requires the extended instruction set feature of the 90/30 (2K COS). Verify that the correct COS is loaded and rerun.

VI11 RSP OR LOAD PARAM CARD INVALID

BEM has detected an error in the RSP or LOAD param card due to an invalid option or format error. Correct and rerun.

VI14 NO DISK SPACE ALLOCATED TO BEM (//WORK)

The // WORK cards which allocate work space for BEM are not present in the job stream, or do not allocate sufficient space for BEM to create a disk workspace pool. Add //WORK cards.

VI15 INSUFFICIENT MEMORY FOR RESIDENT PROGRAMS

The memory partition size stated on the JOB card does not allow enough memory to load the programs stated on the LOAD param card. Either increase the amount of memory on the JOB card or decrease the number of resident programs.

RUN TIME MESSAGES

VI10 OUTPUT BAD L=x,T=y

An output error has occurred when sending data to a terminal. The message is discarded and operation continues. If the error persists, cancel the affected user and investigate the hardware problem. The line (x) and terminal (y) are displayed in the message text.

VI12 T*nnn* *text*

This is a message sent for the terminal identified by Tnnn. It does not represent any error condition within the system.

VI20 *status text*

This is one of several lines of system status information displayed as a response to a STATUS request.

VI21 INVALID KEYIN

The last key-in to BEM was not accepted. Correct the format and resubmit the request.

JOB CONTROL

```
                        (1)      (2)
      // JOB BEM,,10000,,3
      // OPTION JOBDUMP
(3)   // DVC 20   // LFD PRNTR
(4)   // DVC 40   // LFD PUNCH
(5)   // DVC RES // LBL $Y$CAT  // LFD  $Y$CAT
(6)   // WORK1
(7)   // DVC 50  // VOL USERPK // LFD  A
      // EXEC BEM,,1    (8)
      // PARAM 1,1      (9)
      // PARAM NET1  (10)
(12)  // PARAM LOAD = (STD)
(13)  // PARAM NR = (RDR), NW = (RDR)
       /$
       BEM TEST SYSTEM ACTIVE  (11)
       /*
       /&
       // FIN
```

1) Memory size, 65K
2) Terminal task limit, 3 will allow 2 terminals.
3) Printer to enable /PRINT command
4) Punch to enable /PUNCH command
5) Catalog to allow passwords
6) One standard scratch space
7) Library packs for use at the terminals
8) High relative priority
9) Input and output buffers (one each)
10) ICAM network name
11) Logon bulletin
12) Standard modules are resident
13) RSP param card, RDR inaccessible

RSP PARAM CARD OPTIONS

// PARAM NR = *(list)*, NW = *(list)*
list may contain:

LOG — Log Subfile
PRI — Print Subfile
PUN — Punch Subfile
RDR — Input Reader Subfile
JCS — Job Control Subfile
RPR — Remote Batch Print Subfile
RPU — Remote Batch Punch Subfile
ALL — All Subfiles

LOAD CARD OPTIONS

// PARAM LOAD = *(list)*
list may contain:

EDT — The Editor
BAS — OS/3 BASIC
RSP — The Spoolout Processor
STD — EDT, BASIC, and RSP
$FS — FSTATUS function
$PR — PRINT function
$PU — PUNCH function
$RU — RUN function
$DE — DELETE function
$DI — DISPLAY function
$SC — SCREEN function
MAX — All of the above