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SPLA CONTROL NUMBER: _____

This form should be completed and submitted with the program package to the SHARE Program Library Agency at the address shown above. Standards and instructions for submitting programs are in the SHARE Program Library Agency User's Guide and Catalog of Programs, or may be obtained from SPLA.

- (1) Program Number (if new program, will be filled in by SPLA) 370D-05,1,029
- (2) Title of Program MVSMON MVS/XA MONITOR
- (3) System Type(s) (Machine) IBM 3090-200
- (4) Search Keys MVSMON, MVS/XA, MONITORS
- (5) Programming Systems/Languages OS/VS Assembler
- (6) Primary Subject Code 05.1 Executive Routines/
Monitor
- (7) Minimum System Requirements MVS/XA Operating System
- (8) New (N) or Revision (R) N-New
- (9) Date of Submittal 01/14/87
- (10) Documentation (number of pages of hardcopy submitted) 5
- (11) Author's Name and Address Donald S. Higgins
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- (12) Name and Address of Contact for Technical (same as above)
Inquiries (if different from author)
- (13) Submitter's Installation Membership Code FPC
- (14) Abstract (use reverse side of this form)

DISCLAIMER

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MVSMON Documentation Summary as of 01/14/87

MVSMON is a monitor for the IBM MVS/XA operating system. It is designed to provide users, operators, and system programmers with useful information regarding MVS/XA current processing. The same MVSMON load module will run as a system task with WTO/WTOR interface for use by operators, as a TSO command for TSO users, or as a batch program to produce hardcopy reports. MVSMON does not use any privileged instructions or SVC's and is strictly a read only monitor so it can be easily installed and used safely. MVSMON runs below the 16M memory line and puts itself in 31 bit addressing mode as required to access MVS/XA control blocks above the 16M line.

MVSMON supports the following commonly used commands:

1. DA - display all active tasks

This command displays jobname (batch job, TSO user, or system task), stepname, job class, job domain, dispatching priority, swap count, cpu percent usage since last display, I/O connect time percent usage, real memory percent usage, paging rate, total cpu time, total I/O connect time, total real memory, minutes in execution. An optional 2 digit parameter can be specified to selectively display only those tasks with over a given percentage CPU, I/O, or memory usage. For example, 'DA,10' only lists tasks over 10% busy since the last display.

2. DJ - display all batch jobs (same as above)

3. DU - display all TSO users (same as above)

4. DS - display all system tasks (same as above)

5. DM - display outstanding disk and tape mounts

MVSMON tape key as of 01/14/87

The enclosed standard label tape (VOL=SER=014949)
contains the following three files:

1. OT00780.MVSMON.ASM - OS/VS assembler source code including all structured macros required for assembly. This is a fixed block sequential file (RECFM=FB,LRECL=80,BLKSIZE=4000).
2. OT00780.MVSMON.CNTL - OS/VS job control to assemble, link, and execute MVSMON. This is a fixed block sequential file (RECFM=FB,LRECL=80,BLKSIZE=4000).
3. OT00780.MVSMON.LOAD - load module library containing MVSMON load module. This library is created by the above assemble and link job. This library can be used to execute MVSMON in TSO via the TSO command:

CALL 'OT00780.MVSMON.LOAD(MVSMON)'

No file allocations are required in TSO. This is a variable spanned file (RECFM=VS,BLKSIZE=32760) created by IEBCOPY. IEBCOPY must also be used to restore this unloaded file to disk as a partitioned load module library.