MULTICS TASK REPORT   MTR-107

To: Distribution

From: M. Asherman

Date: 11/11/75

Subject: Status of vfile_changes for FAST

A design review was held on 11/3/75 to discuss the proposed
changes in vfile_ for FAST (MTB-231). No major objections were
encountered. There were a few small changes and clarifications,
however, which will be mentioned here.

1.   Another attach option will be provided. Its use indicates
     that a file is restricted to a single segment; if specified,
     an attempt to open a multi-segment file or to grow a file
     beyond a single segment is treated as an error.

2.   In openings for output only, the -append and -no_trunc
     options are equivalent to the -extend attach option.

3.   There is no possibility of an error return from the control
     operation with the order "read_position", since the next
     record position is always defined.

4.   Whenever an invalid lock is reset on opening a sequential or
     blocked file the file will be automatically adjusted to the
     correct end of file position.

5.   The precision of the absolute position arguments used by the
     "read_position" order and position operation with type=2
     should be fixed(35) instead of fixed(30).

6.   Changes to avoid calling msf_manager_ (MCR 1459) will also
     be included with the FAST extensions.

Coding is well underway and should be completed in time for
MR3.1.