

To: Multics Staff  
 From: Dennis Capps  
 Date: February 28, 1974  
 Subject: Addendum to MTB-034: Changed calling sequences

Since MTB-034 was published, some minor changes have been made to the user interface to the tape mount package(trm\_). These changes are motivated by a desire to eliminate from this interface any dependence on the tseg data base. In fact, tseg is not entirely eliminated since it still must be used internally by trm\_ and DIM\_labeler\_. It is hoped, however, that these modifications are an effective first step which easily can be followed later by conversion to use a buffered I/O package when one becomes available for tapes.

These changes involve a change of meaning (and of name) for one parameter, and intercalation of two additional parameters for the return of information which previously was returned in tseg.

A) The calling sequence to trm\_\$mount (p.3 of MTB-034) becomes:

```
declare trm_$mount entry(char(*),fixed bin(71),char(*),ptr,fixed
bin, fixed bin,fixed bin,bit(36),fixed bin(35));
```

```
call trm_$mount(description, evchn, mode, dimdatap, writesw,
drivenumber, tcsx, flags, code);
```

- 1) 2) 3) are as in MTB-034.
- 4)dimdatap is a pointer which allows communication between the caller and the labeler which is to verify the tape being mounted. The value which trm\_ receives from the caller is passed to DIM\_labeler\_. The value that DIM\_labeler\_ returns is returned to the caller.(Input and Output)
- 5)writesw is 0 for a read attachment, 1 for a write. (Output)
- 6)drivenumber is the number of the drive on which the tape will be mounted. (Output)
- 7) 8) 9) are as 5) 6) 7) in MTB-034.

B) The parameters tsegp on p.4 and r4tsegp on pages 5 and 6 become dimdatap with meaning as above.