CTSS BULLETIN #39

A regular FMS program has been written which will accept a tape of any format (records must be no greater than 4095_{10} words long) and produce an output tape of '7PUNCH' files to be used as a supplementary input tape for the disk load editor. Information is given to the program in the form of control cards, one card for each physical file on the tape to be processed. The source input tape is B5, the output is produced on A5.

The form of the control cards is as follows, where "⌴" means one or more blanks:

        PROBN⌴PROGN⌴MODE⌴FN1⌴FN2⌴RECFLS

    PROBN   is the user's problem number
    PROGN   is the user's programmer number
    MODE   is zero for BCD file and non-zero for
                binary file on tape
    FN1   is the primary name of the file or files
                to be produced (see note 1)
    FN2   is the class name of the file or files to
                be produced
    RECFLS   if this is zero or missing, each record on the
                source input tape will be one file on the disk.
                If this is non-zero, non-blank, each physical
                file on tape will be one file on disk.

The files created will be of two types, depending upon the setting of RECFLS. If each record is a file on disk, then that file will be exactly as it was on tape. If on the other hand, each file on tape is a file on disk, then a word count proceeds each logical record within the disk file. This count is in the decrement of the word and is the number of words that follow.

The output tape produced has the following form: a decimal "INPUT, oo,oo,oo,oo,oo" card followed by the 7PUNCH card images, followed by a '*EOF*' card for each file to be input to the disk. At the end of all files a "STOP" card is written, followed by a "CLOSE" card. These last two cards are needed for operations.

NOTE 1:

Since there is an option that allows one control card to specify many files (RECFLS=0) there is a problem as to the many names to be used for files. Therefore, in this case it will be assumed that the primary name given will be an integer which will be increased by one for each disk file within the physical tape file.