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CTSS BULLETIN #39

A regular FMS program has been written which will accept a tape of any format (records must be no greater than 409510 words long) and produce an output tape of '7PUACH' 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
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
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, """" 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.