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SUBJECT: Proposed Command for Loading Absolute Programs

1. Command Name: LDABS a
 a = title name of file with class name assumed to be ABS
2. Block Count = 9 (Same as LOAD command)

When the command program is first brought into core the memory bound is set to 77771. When the START command is given at the completion of loading the memory bound is set to the appropriate value as determined by the highest core location loaded.

3. Function:

This command loads absolute programs from a file containing absolute column binary card images. The program lies in the upper $2311_8 = 1161_{10}$ core locations and loads into the lower portion of core up to and including location 1835_8 . Loading terminates when a transfer card is detected. After the absolute program has been loaded the program can be started at the location indicated in the transfer card by typing the START command.

This command can be used for loading absolute programs which were assembled by FAP either in the foreground or background system.

4. Error Conditions:

- a) If a check sum error occurs the comment:
 CHECK SUM ERROR IN CARD XXXXX

is printed, where XXXXX is the location in which the first word on the card is to be stored. After this comment is printed the card is ignored and loading continues.

b) If an attempt is made to store in a location greater than 75635 the comment:

CARD YYYYY OVER BOUND

is printed, the card ignored, and loading continued.

c) If a transfer card is missing, i.e. an end of file is reached, the comment:

TRANSFER CARD MISSING, TYPE OCTAL

STARTING LOCATION.

is printed. The last five characters typed are converted to an octal location and the transfer location for starting is set up.

5. This command is currently in the system as experimental command CTEST 3.

HAA