CTSS BULLETIN #30

New Command for Loading Absolute Programs

1. The command: LDABS ALPHA will load the file ALPHA ABS which
must contain absolute column binary card images (e.g., those
produced by FAP when the ABS pseudo operation is used). When
the command program is first brought into core the memory
bound is set to 77777, the absolute program loaded and, at
the completion of loading the memory bound is set to the appro-
priate value as determined by the highest core location loaded.
The command program lies in the upper 1271_8 core locations and
loads into the lower portion of core up to and including loca-
tion 77503_8. Loading terminates when a transfer card is
detected. After the absolute program has been loaded the pro-
gram 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.

2. 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
         77503_8 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.

3. This is the command which was formerly CTEST3.