DECUS Program Library Write-up   DECUS NO. 8-454

Abstract – This program reads 5-channel tape as generated by a model
   15 or 19 teletype and prints (and optionally punches) the
   corresponding characters in ASCII code.

Operating Instruction – Load the tape with the BIN loader. The
   starting address is 200_8. Place the 5-channel tape in the
   teletype reader as illustrated below. Start computer and reader.
   If a punched copy of the output is desired, turn the punch on. To
   copy another tape, merely restart the reader.

Special Consideration – The "STOP" character on the 5-channel tape
   will cause a HLT at 242_8. This is the only normal HLT in the
   program. To restart, press CONTinue.

Program Description – The program is straight-forward. Two tables
   are used as the 5-channel tape uses the same codes for alpha
   characters and numeric-special characters. Which table is used
   depends on whether a "LETTERS" character or a "FIGURES" character
   was last received.

Comments – Please send any comments to the author's home address.

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POSITION OF
5-CHANNEL TAPE