



INTEROFFICE MEMORANDUM

M-1105

DATE April 12, 1961

SUBJECT PRIM (Punch Read In Mode Tape) 1

TO PDP Distribution List

FROM Adams Associates, Inc.

AREA: 7400-7477

START: 7400 or 7477

PURPOSE:

To provide a means of punching out information from sections of core memory. The console typewriter is used to provide the control information.

USE:

Start at 7400 (or 7477) and type in the starting address and ending address in the form `aaaaspbbbcr`. The routine will then punch (in read In Mode Format) from `aaaa` to and including `bbbb`. When the punching is complete, the routine will accept another type-in. If another section is to be punched, the type-in would be of the same form as just described. If the punching is completed, the type-in should be an octal instruction, either a halt (760400) or a jump (60aaaa) to the program's starting address. To signal the end of this type-in, a period (.) must be typed. The word will be punched exactly as typed, final leader will be punched and the routine will halt.

SPECIAL NOTES:

1. Leading zeros may be omitted on all type-ins; e.g., 7 is equivalent to 0007.
2. If an error is made in typing a string of octal numbers, and discovered prior to typing the space, carriage return, or period, a new string may be typed. That is, in the case of address only the last four characters typed will be recognized while in the case of the final word, the last six characters will be used.
3. The routine may be restarted at any time by starting at either 7400 or 7477.

EXAMPLE OF USE:

10sp364cr
1650sp2127
760400.

punch 0010 through 0364
punch 1650 through 2127
punch final halt.

0sp1277cr
600001.

punch 0000 through 1277
punch jump instruction to 0001

1. Acknowledgment

The PRIM (Punch Read In Mode Tape) was supplied by Charles W. Adams Associates, Inc., Bedford, Massachusetts