RECOMP II USER'S PROGRAM NO. 1105

PROGRAM TITLE: ALPHANUMERIC PRINTING

PROGRAM CLASSIFICATION: Service

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PURPOSE: Accomplishes the simple task of typing
                    out groups of words of Baudot letters,
                    starting with an arbitrary beginning
                    location, and ending with the character
                    "blank".

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140R   Alphanumeric Printing

PURPOSE: Accomplishes the simple task of typing out groups of words of Baudot letters, starting with an arbitrary beginning location, and ending with the character "blank."

CALLING SEQUENCE:
     (1) This routine can be called by the pseudo-command "HDG," as follows:

                        HDG (address)

This will start typing words, beginning at the address specified and ending with the first word whose last character is a blank. The rapid alphanumeric TYC 7770.0 instruction is used.

     (2) For use without the trapping made of operation, the following is the calling sequence:

                  0.1 TRA (loc'n of this routine)
                  1.0 PZE (address)
              -----------return----------

Note that the code address must be in a left half-word.

DATA: Each block of characters to be printed is filled in F format. Following the last character of interest, a "blank" is added, and the last word is then filled out with blanks and entered.

STORAGE: 17 (octal) sectors, plus temporary use of both high-speed loops.

RESTRICTIONS: No provision is made for retyping following output errors. In this case, pushing "error reset" then "start" will cause the typing to continue, however.

UNITERMS: Alphanumeric, baudot, heading, title, printout.

Program No. 140-R Title (HDG) Alphanumeric Printer

Programmed by: Wellman   Date Sept 4, 1961

Loc'n	Cm'd	Addr.	Contents	Accumulator	b	Remarks
00	C.T.L	.02.0				
	S.A.X	7.7.7.7.0				
.1	C.T.V	.1.0.0				
	T.R.A	7.7.6.2.0				
.2	A.D.D	7.7.6.6.0				
	S.T.A	7.7.6.4.1	loc'n of code			
.3	A.D.D	7.766.0				
	S.T.A	7.772.1		exit loc'n		
.4	A.R.S	0.0.0.0.0				
	C.L.A					
.5	S.T.A	7.7.7.0.0				
	T.R.A	7.7.7.0.0				
.6	+.0.0	0.0.0.0.0	1 @ 39			
	-.0.0	0.0.0.0.1				
.7	+.0.0	0.0.0.1.0				
	-.0.0	0.0.0.0.0				
.1.0	C.L.A		baudot			
	S.T.O	7.7.6.5.0				
.1	T.Y.C	7.7.70.0				
	C.L.A	7.7.6.5.0				
.2	E.X.T	7.7.7.5.0		last character		
	T.Z.E					→ exit on blank
.3	C.L.A	7.7.6.7.0				
	A.D.D	7.7.7.0.0				
.4	S.T.O	7.7.7.0.0				} bump loc'n
	T.R.A	7.7.7.0.0				
.1.5	+.0.0	0.0.0.0.0	} mask			
	-.0.0	0.0.1.7.1				