

July 23, 1959

MEMORANDUM TO - 1401 file

SUBJECT: Bank Sorter/Reader connection to 1401

A telephone conversation on July 22, 1959, with Mr. Coplon of Poughkeepsie yielded the following information concerning a tentative set of Operation codes required for the connection of the 1401 - B-S/R.

These operation codes are a result of an earlier meeting, participated in by Mr. Coplon, Mr. R. Gregory and Mr. D. Doody of Poughkeepsie, and F. O. Underwood.

The B-S/R will be designated by the address (%US).

Data will enter the 1401 from the B-S/R buffer under control of the instruction -- L(%US) (BBB) R

Field definition characters will enter the 1401 as special BCD characters with word marks. Records enter in low-to-high order sequence.

The feeding mechanism of the B-S/R must be signalled to both engage and disengage by the following:

U%U8E
U%U8D

Engage B-S/R
Disengage B-S/R

The thirteen pockets of the B-S/R will be designated by the thirteen alphabetic characters A thru M.

B-S/R pocket selection is then signalled by the instruction
Kd
where d is any of A thru M.

Provision must be made to test and transfer program for several conditions as follows:

T (DH-	Document ready to be read
T (DJ-	Print buffer read
T (DN-	Document in error

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T(D)S-	Dollar Amount field in error
T(D)*-	Process control field in error
T(D)-	Account number field in error
T(D)u-	Transit and Route field in error

The foregoing instructions will be used for trial programming and are, therefore, subject to revision.

We expect early contact with B-S/R engineering personnel to discuss the technical details of incorporating the instructions in the machine. Note that the Bank Program is working to achieve announcement of the 1401 B-S/R attachment simultaneously with the announcement of the basic 1401 and Tape Edit System.



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cc: Messrs.

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