## MEMORANDUM TO: 1401 Pile

SUBJECT: Spe

Special Move Instruction "P" Opr Code (Optional Feature)

The "P" operational code is performed in the following

- The A field area starting at the high order position of the A field will be moved into the B field area starting at its' high order address.
- Word Marks will be transferred from the A field to the B field and all Word Marks in the B field will be removed.
- 3. Data will be transferred from left to right.
- 4. This operation is terminated at the end of a B cycle after a record mark or a group mark plus a word mark is recognized in the A field. The record mark or group mark plus a word mark will be transferred to the B field.

Example: Affeld A B C M 1 2 3 OM Storage Address 400 401 402 403 404 405 406 407 B Itald B 7 6 2 4 3 2 1 Storage Address 575 576 577 576 577 576 579 580 581 582

A line under the character indicates a Word Mark.

## Execute instruction: P(400)(575)

×	A field	A	В	С	R	1	2	3	<u>GM</u>	
Storage	Address	400	401	402		404	405	406	407	
	B field	A	В	C	R	4	3	2	1	
Storage	Address	575	576	577	578	579	580	581	582	

A suggested use for this special move instruction is when a grouped variable length record is read from tape and each record is to be notified out on a different line.

Sample	rrogi	70.00	
Address	001	M(\$U1)(600)R	Read Tape
ple	009	P(600)(200)	Transfer 1st Record
	016	anch Q (024)	Store Location of 2nd Record
	020	2	Print 1st Record
	021	b(XXX)(S00)	Transfer 2nd Record
	028	9 (036)	Store Location of 3rd Record
	032	2	Print 2nd Record
*	033	P(XXX)(200)	Transfer 3rd Record
	040	2	Print 3rd Record
	041	B(001)	Repeat

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WSS:bd