

POUGHKEEPSIE
Department 539
South Road Laboratory

May 12, 1959

MEMO TO: ~~Mr. E. Bloch~~

SUBJECT: Changes Requested by Los Alamos

The following confirms our agreement upon the changes requested at the recent meeting of the Mathematical Planning Group.

1. In single precision operation, accumulator bits 60-63 remain unchanged rather than set to zero as specified previously.
2. Indicators 41-47, the Harvest indicators, will be available for programmers' use.
3. True zero handling will be provided, as described in the file memo of May 11, 1959.
4. We agree to a change in the TRANSMIT and SWAP instructions only because a hardware advantage is obtained. The change involves:
 - a. Bit 55, when zero, specifies positive incrementing of addresses; when one, negative incrementing of addresses.
 - b. Half word transmission is deleted.
 - c. Immediate counting is for 16 words maximum, not 32.

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