June 30, 1959

MEMO TO: Mr. J. D. Calvert

SUBJECT: Revisions in Console

In accordance with the agreement we have reached in our discussions, the new edition of Chapter 7 of the manual will contain a few changes in the console definition. This memo outlines these revisions.

1.   The SIGNAL, ENTER, END, and ERASE keys are effective only when the console is in Ready status. The keys are inoperative when the console is Not Ready.

2.   Depression of the END key always disables the keyboard if it previously has been enabled. This provides a means of disabling the keyboard in the absence of a subsequent READ operation without the use of the SIGNAL key, which causes a Channel Signal indication.

3.   Once the keyboard has been enabled, it is not disabled by the termination of the subsequent WRITE operation. Only the termination of a READ operation, in addition to SIGNAL and END keys, disables the keyboard.

4.   On reading, the last byte of the third input word consists of all ones (1111 1111) if the keyboard is enabled and the End code, bits 0000 1111, when no typewriter input follows.

5.   Control codes 117, 136, 137, 156, 157, and 176, which previously were defined as No Operation, are invalid and will cause an Exchange Program Check indication.

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