FILE MEMO

SUBJECT: Exchange Miscellany

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1. After CONTROL or LOCATE, an End of Operation signal may be given as soon as the Exchange is through sending the required information or when the unit completes the operation. The choice is up to the design of each unit.

On Backspace, it seems preferable to delay until backspacing is completed because the Adapter is involved and no other operations can be started in the meantime. At extra cost it is possible to put interlocks into the adapter to give End Op immediately and avoid tying down an Exchange channel, even though the Adapter is not disconnected from the unit.

On Rewind, the Adapter is not needed; the unit can be disconnected immediately and an End Op signal given. When Rewind is completed, the unit should give a UNIT SIGNAL to inform the program. The same procedure may be used to handle the access mechanism on disks.

These details will be covered in the write-ups of the various units.

2. With more than one unit per adapter, the Operator Signal button must be defined carefully. When the unit is not connected to the adapter, the button should simply latch up. When the computer issues a LOCATE instruction to connect the unit, the UNIT SIGNAL will then be passed on via the adapter to the Exchange.

This should be covered in the unit write-up.

WB/pkb