August 31, 1966

Mr. Richard Mills
MIT Project MAC
545 Technology Square
Cambridge, Massachusetts 02139
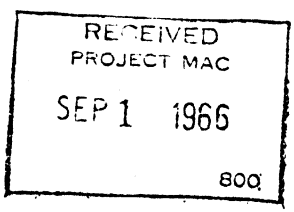
Dear Dick:

The purpose of this letter is twofold: first, to give you the requested
delivery schedule for your 2741 Communication Terminals; second,
to provide specifications of the RPQ's on the 2741 terminals for your
information. All terminals have been ordered with all RPQ's and the
Pin Feed Platen. The rental price per machine is $125.50 monthly
plus a $59.25 Single Use Charge.

I have requested that the plant ship 2741's on the following schedule:
five on November 25, 1966 and five each on January 6 and 20, Febru-
ary 3 and 17, March 3, 17 and 31, April 14 and 28 in 1967. Alternate
weeks are filled with machines going to the Computation Center. I
cannot confirm these dates until I receive a plant reply.

The four RPQ's of concern are: terminal generated address, receive
interrupt, ribbon shift and print inhibit. Specifications for each follow.

    1.   Automatic Address Answerback ($12 monthly rental, $375
purchase price, $25 field installation charge, 1.0 hour field installation
time): this RPQ enables the 2741, at the central processor's request,
to transmit a programmable four character address.

    After establishing a dial connection, the operator depresses
"Attention." This action places the 2741 in Receive Control. The mul-
tiplexor transmits a D which places the terminal in Receive Text. A
prefix +" (plus quotation mark) code sequence transmitted by the multi-
plexor conditions the terminal's Auto Address Latch. When the ter-
minal is returned to Transmit Text by the multiplexor, the 2741 will
automatically transmit a programmable four character address, following
the normally transmitted D.

After the fourth Address character, the auto address latch is reset and a C is transmitted, again placing the terminal in Receive Control. This is RPQ E46148.

2.   Red Ribbon Control ($10 monthly rental, $360 purchase price, $107 field installation charge, 6.5 hours field installation time): this RPQ provides the 2741 with the ability to shift to and from red printing under the control of a central processor. The 1050 "Punch On" and "Punch Off" characters were selected to control this function. The terminal will shift to red when it receives a "Punch On" character code and to black when it receives a "Punch Off" character code. Whenever power is turned on, the terminal will shift to a black mode. This is RPQ E46150.

3.   Print Inhibit Control ($10 monthly rental, $350 purhcase price, $77 field installation charge, and 3.1 hours field installation time): the CPU can control print suppression by sending the bypass code; the restore code will return the 2741 to the print mode. These codes are recognized by the terminal when in Receive Text. This is RPQ E46151. Its prerequisite is RPQ E46150.

4.   Receive Interrupt Control ($8 monthly rental, $280 purchase price, $75 field installation charge, 4.5 hours field installation time): this device enables the computer to interrupt a transmission from the 2741. A "space" condition on the 2741's receive line, for a minimum of 200 milliseconds, is required to force the terminal from the text transmitting mode to Receive Control. This is RPQ E40681. You will note that the 200 millisecond space signal is now a requirement; I believe that 80 ms was specified earlier in an RPQ description.

If you desire additional information, I shall be happy to go after it for you. A letter confirming your intentions to install these devices with the new hardware additions would be most helpful.

Sincerely yours,

Peter Robohm
Marketing Representative

PR/ap
cc: Mr. M. V. Solomita
    MIT 26-147