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# IBM

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*International Business Machines Corporation*

March 7, 1967

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

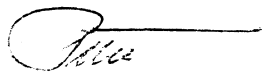
Dear Dick:

Enclosed is the 2741 specification sheet you asked for. I hope it is meaningful.

I neglected to tell you yesterday that the 7711 Data Communication Unit has an eight to ten-month delivery schedule with a DO rating and that the 729 VI has a four to six-month leadtime with the same rating.

I am pushing the Special Engineering group pretty hard on the 2741 changes. I'll keep you advised on progress.

Sincerely yours,



Peter Robohm  
Marketing Representative

PR:sme  
Enclosure

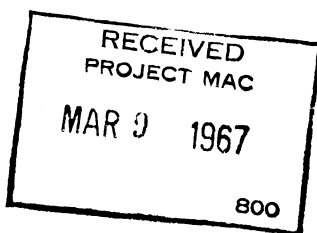
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PROJECT MAC  
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80Q

IBM 2741

Terminal Specification  
for  
MIT

<u>Type</u>	<u>Model or Feature</u>	<u>Description</u>	<u>Monthly Rental</u>	<u>Purchase Price</u>
2741	001	Communication Terminal	\$ 82.00	\$ 3,100.00
	3255	Dial Up	3.00	135.00
	4708	Interrupt	2.50	115.00
	9104	Character Spacing 10/inch	NC	NC
	9114	Data Set Attachment - WE 103A	NC	NC
	9571	Dual Case Print Element - S/360	NC	NC
	9881	115V AC 1 PH 60CY	NC	NC
	9162	Line Space 6 LPI Holes 13 1/8"	NC	NC
	9509	Pin Feed Platen, Regular	NC	NC
	RPQ	E40681 Trans Intr Ctrl	--	59.20*
	RPQ	E46148 Auto Add Ans	8.00	280.00
	RPQ	E46150 Ribbon Shift	12.00	375.00
	RPQ	E46151 Print Inhibit	10.00	360.00
			10.00	350.00
			<hr/>	<hr/>
		Total	\$ 127.50	\$ 4,774.20
		Less 20% Educational Allowance	25.50	954.84
		Net	\$ 102.00	\$ 3,819.36

\* Purchase Only



The four RPQ's of concern are: terminal generated address, transmit 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 multiplexor transmits a D which places the terminal in Receive Text. A prefix + code sequence transmitted by the multiplexor conditions the terminal's Auto Address Latch. When the terminal is returned to Transmit Text by the multiplexor, the 2741 will automatically transmit a programmable 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 purchase 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) Transmit 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.