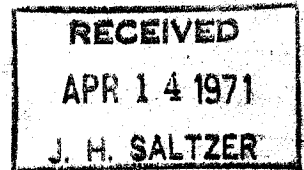


INTERDEPARTMENTAL

MASSACHUSETTS INSTITUTE OF TECHNOLOGY CAMBRIDGE, MASS. 02139

from the office of Telecommunications



April 13, 1971

To: W. Burner

Subject: Data Sets - Model 113A

As you know, we have requested that the New England Telephone Co. (NET) provide a modification to the Bell System Model 113A, that would remove the problem of the user (the caller) possible failing to disconnect; thus, tying up a computer port, although the CPU had disconnected at its end. For your information, NET has not officially responded as yet to our request. However, I do know it is exploring the request with AT&T. Further, the suggestion of introducing a diode (K. Pepran's proposal) is not acceptable.

If you recall, I mentioned that this problem would not exist if our present data switch was a No. 1 ESS (common control switch), in that there would be a time-out of the call. After 10-13 seconds, the switch would disconnect at the computer port, after it senses that the CPU had disconnected - regardless as to what the caller (user) had done, 1 sec. after disconnect, if the caller (user) had left his 113A in data mode, the switch would disconnect him. Therefore, the problem is vitiated by the common control switch.

As soon as I have a response to a modification on the 113A, I shall so advise you.


M. Berian

xc: J. Saltzer ✓
R. Conrod
M. Bacon
L. Ryan

ew