

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Computation Center - Project MAC

Memorandum MAC-M-265

CC 256

September 10, 1965

To: CTSS Users

From: Richard G. Mills

Subject: Changes to Teletype Terminals

Model 35 KSR teletype (TTY) stations on the MAC/Computation Center system will be modified to more closely approach communications standards with respect to character set, keyboard arrangement and control characteristics. Following is the new TTY station specification. (It assumes Bell System TWX as standard; only deviations and option selections are listed.)

TTY Station Arrangement

1. 35 KSR (4-R, 100 w.p.m. or 110 b.p.s.)
2. Rotary dial
- * 3. Sprocket feed (less paper boxes)
- ** 4. Combined CR and LF on CR
- * 5. Spacing 12 characters to the inch.
- * 6. Horizontal (stop every 15 positions) and Vertical Tabulation with Form Feed out, 8-1/2 x 11" sheets.
- ** 7. Computer will generate code (page off 2-5 and 8 marking) to disconnect page printer while operator sends his access code. Computer upon receipt of access code will generate code (page on code 3-5 and 8 marking) to connect page printer.
8. Computer will generate code (WRU 1-3 and 8 marking), TTY station will send identification answer back.

TTY Station Arrangement (continued)

9. Automatic answer.
- * 10. TTY station will not transmit station identification automatically upon connection.
11. Computer will generate 200 MS of continuous space, TTY station keyboard will be locked out.
- * 12. Computer will generate code (BRK-RLS 1-2 and 8 marking) to release break feature at TTY terminal.
- * 13. Code (EOT 3 and 8 marking) will be ignored by TTY station.
- * 14. Computer will generate 2.25 sec. of spacing, TTY station will initiate clear sequence and transmit 3 sec. of continuous spacing to data set 103A.

Note especially that the TWX standard character set and keyboard arrangement will be used; see attachments.

Attachments

*Acceptable on TWX network; however, station cannot be listed in TWX Directory.

**Not acceptable on TWX network.