Addendum

System Standard:

The definition of a line:

Lines are not allowed to have non-graphic characters in them. CR (15) is used to denote "end of line" and ESC (27) denotes escape. One might want to allow such characters to occur. However, it is not clear how they can literally occur unless each line has a descriptor giving its length. The

need for the ESC char to signal blank compression invalidates even this proposal.

Thus '90' is used to signal non-graphic characters. For example '690 M' represents CR.

Since some people may want to use the sequence '690 M' its interpretation
must be programmable. In particular on input the line collector treats a "70" like any other character. On output it interrogates a switch whenever a "70" is encountered. If the switch is set the next character is escaped to non-graphic otherwise it simply passes the "70" on thru to the TTY.

**CDC - ASCII** character conversion:

In an attempt to have the same conversion conventions I agreed to modify our CDC - ASCII conversion table to be consistent with RTS, RCS.

<table>
<thead>
<tr>
<th>ASCII</th>
<th>OLD CODE</th>
<th>NEW CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>@</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>\</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>
It any one is greatly inconvenienced by this I will pay reparations. Breaks on line 0:

Contrary to rumors break characters come in at 10/second so it is impossible for line 0 to last out other lines.