JS-8208 Connection Type Network Protocol in the DTE/DTE Environment

1. Relation with international standards

This standard applies to the connection type network protocol in the DTE/DTE environment where DTE's communicate directly with one another via a network (i.e., not through a packet switching network). The standard was formulated in such a way that the protocol canforms with the ISO Standard Packet Layer Protocol for Data Terminal Eqllipment(ISO 8208,1990 Version) and the explanatory text is in reference to the ITU-T Recommendation, 1988 Version, X.25 Packet Layer Protocol.

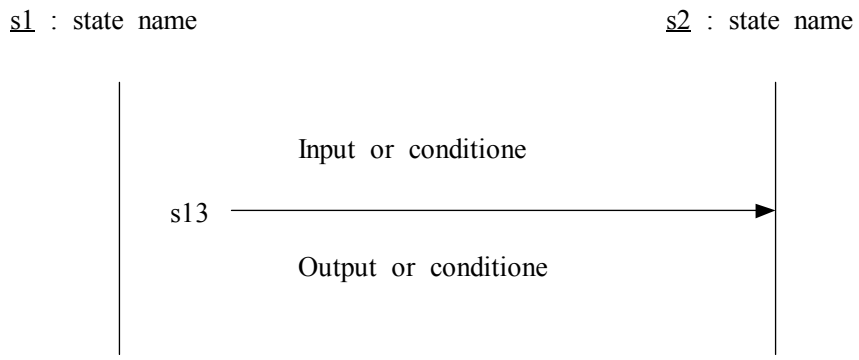
2. Summary of departures from international Standards and Recommendations.

(1) This standard excludes those provisions for all operations in the DTE/DCE environment that are included in the international standard and recommenda tions ISO 8208 and the ITU-T Recommendation X.25. This is because the connection type network protocol specified in this standard applies to the DTE/DTE environment alone. If any of the excluded provisions are used, the resulting conformance will not be guaranteed.

(2) This standard specifies the state transition by finite-state diagrams in Section 6.
This was done for two reasons:

(a) The way finite-state diagram is a simple representation method of state transition.
(b) The finite-state diagram makes it easier to understand the flow of successive operations.

The finite-state diagram is briefly described in the Figure.



Finite-state diagram

A state number (e.g., s1, s2) and its corresponding state are represented by a vertical line. A transition is represented by a horizontal line and its destination is shown by an arrow. If an explanation of a transition is needed, a transition number (e.g., s13) is added. Above the horizontal line,the input or condition that triggers the transition is described. Below the horizontal line, an output or operation resulting from the transition is described.