JT-Q2210
Message Transfer Part Level 3 Functions and Messages Using the Services of TTC Standard JT-Q2140

1.Relations with international standards

This Standard conforms the Recommendation Q.2210 approved for the ballot at ITU-T SG11 plenary meeting in September 1995.

2. Summary of departures from ITU-T Recommendations

2.1 Optional items
  Table 1 indicates the optional items and their reasons.

2.2 National items
  Table 2 indicates the national items and their reasons.

2.3 Others
  (1) This Standard has no items that go ahead of those in ITU-T Recommendations.
  (2) Table 3 indicates the deleted items and their reasons from the above ITU-T Recommendation.
    The deleted items from the ITU-T Recommendation are indicated by the symbol "#"
    on the right side of chapter , paragraph ,or description.
  (3) Table 4 indicates the modified items from the ITU-T Recommendation and their reasons.

2.4 Comparison of chapter composition between the ITU-T Recommendation and this Standard
  There is no deference in chapter composition with the above ITU-T recommendation.

3. The history of revised versions

Versions	Date	Outline
1	April 24 ,1996	Established

4. Others

none.

Table 1 Optional Items

ITU-T No.		Item	Reason
chapter	paragraph		
Appendix I	I.3.3.2 figure I-4 (3of3)	Among the optional facilities (international method of congestion control, multiple congestion levels without congestion priorities, multiple congestion levels with congestion priorities) the method of multiple congestion control with congestion priorities is chosen as a standard.	The method of multiple congestion control with congestion priorities standardized.

Table 2 National Items

ITU-T No.		Item	Reason
chapter	paragraph		
9	9.7 figure9-1	Add the PRI(priority indicator) to the format of messages conveying peer-to-peer information of user parts, and specified as a optional format.	Conform to the TTC standard JT-Q2140.
	9.7 figure9-2	Add the PRI to the format of signaling network management messages, and specified as a optional format.	Conform to the TTC standard JT-Q2140.
	9.8.1 figure9-3	Add the PRI to the format of changeover messages and specified as a optional format.	Conform to the TTC standard JT-Q2140.

Table 3 Deleted Items from ITU-T Recommendation (1 of 2)

ITU-T No.		Item	Reason
chapter	paragraph		
6	6.1 notes 2 notes 3	Description about "multiple congestion thresholds"	Conform to the TTC standard JT-Q2140. JT-Q2140 is not standardized "multiple congestion thresholds"
	6.2 table1	Description about "User Part Unavailability" message of the Cause Parameter.	Not standardized the "User Part Unavailability".
8		Description about forward compatibility.	JT-Q704 which is referenced in this chapter is not standardized the forward compatibility.
9	9.2 iv)	All descriptions concerning processor outage.	Not standardized the processor outage.

Table3 Deleted Items from ITU-T Recommendation (2 of 2)

ITU-T No.		Item	Reason
chapter	paragraph	Item	Reason
9	9.3	All descriptions concerning the signaling route set congestion method.	No difference between this recommendation and the TTC standard JT-Q704 which is referenced in this chapter.
	9.4	All descriptions concerning the automatic allocation o signaling data links.	Not standardized the automatic allocation of signaling data links.
	9.82	All descriptions concerning the user part unavailable message.	Not standardized the user part unavailable message.
Appendix I	1.2 tableI-1 tableI-2	Signaling Network Management Messages of which JT-Q704 is not standardized.	Conform to the TTC standard JT-Q704.
	I.3.2.3	Description about "Emergency during proving" which is according to JT-Q703.	JT-Q703 is not standardized the "Emergency during proving".
	I.3.2.3 note2	Description about the "Processor outage during proving".	There are no description about "Processor outage during proving" in JT-Q2140 and JT-Q704.
	I.3.3.2	All descriptions and figure concerning the "international method of congestion control".	No requirement in national standards.
	I.3.3.2	Figure and description concerning the "state transition diagram for the method of congestion control".	Conform to the TTC standard JT-Q2140.
	I.3.3.2 figure 1-4 (3of3)	Description about "remote unavailable MTP User".	JT-Q704 which is referenced in this chapter is not standardized.
	I.3.4.2 table1-3	Deleted the description in table 1-3 about the signals which were not ordained in JT-Q704.	JT-Q704 which is referenced in this chapter is not standardized.
	I.3.4.3	Deleted the description about "MMTP-SIGNALLING_ RESTART_INDICATION".	JT-Q704 which is referenced in this chapter is not standardized.

Table 4 Modified Items from ITU-T Recommendation

ITU-T No.		Item	Reason
chapter	paragraph		
9	9.7 9.8 9.8.1	Bit length of label structure is changed to 48bits. Bit length of OPC and DPC is changed to 16bits.	Conform to the TTC standard JT-Q704.