

JT-Q712

Definition and Function of SCCP Messages

1. Relations with international standards

This standard conforms to ITU-T Recommendation Q.712 that was revised by the ITU-T Study Group 11 and approved at the ITU-T Study Group 11 plenary meeting (Miyazaki, 1997).

2. Summary of departures from ITU-T Recommendations

2.1 Optional items

None

2.2 National items

None

2.3 Others

(1) This standard contains nothing to precede the ITU-T Recommendation mentioned above.

(2) This standard contains nothing to add the ITU-T Recommendation mentioned above.

(3) The followings are deletions from the ITU-T Recommendation mentioned above:

(a) Table 1 indicates the deleted messages and their reasons;

(b) Table 2 indicates the deleted parameters and their reasons;

(c) Since the connection-oriented fields in Table 3-1/JT-Q.712 are out of the scope in this standard, the related messages and parameters are deleted.

The items to assist proper understanding are indicated by the symbol "#" on the right margin of this standard. These items are defined in the ITU-T Recommendation mentioned above, however are not defined in this standard.

2.4 Comparison of chapter composition between the ITU-T Recommendation and this standard.

There is no difference in chapters between the ITU-T recommendation above and this standard.

3. The history of revised versions

Versions	Date	Outline
1	April 28,1992	Established
2	April 24,1996	The messages and parameters to support the segmentation/reassembly procedures are added in this standard according to establishment of JT-Q1218-a version 2.
3	April 23,1997	The definition and function of SCCP messages in this standard conforms to ITU-T Recommendation Q.712 (Miyazaki, 1997).

4. Others

None

Table1 Deleted Messages from the ITU-T Recommendation

Messages	Abbreviation	ITU-T Paragraph No.	Reason
Connection Confirm	CC	1.1	The connection-oriented service is out of scope for this standard.
Connection Request	CR	1.2	
Connection Refused	CREF	1.3	
Data Acknowledgement	AK	1.4	
Data Form 1	DT1	1.5	
Data Form 2	DT2	1.6	
Expedited Data	ED	1.7	
Expedited Data Acknowledgement	EA	1.8	
Inactivity Test	IT	1.9	
Protocol Data Unit Error	ERR	1.10	
Released	RLSD	1.11	
Release Complete	RLC	1.12	
Reset Confirm	RSC	1.13	
Reset Request	RSR	1.14	
Subsystem-Allowed	SSA	1.15	The SCCP management is out of scope for this standardization.
Subsystem-Out-of-Service-Grant	SOG	1.16	
Subsystem-Out-of-Service-Request	SOR	1.17	
Subsystem-Prohibited	SSP	1.18	
Subsystem-Status-Test	SST	1.19	
Subsystem Congested	SSC	1.19	
Long Unit Data	LU DT	1.25	The SCCP capabilities based on the MTP conforming to JT-Q2110 is out of the scope for this standard.
Long Unit Data Service	LU DTS	1.26	

Table 2 Deleted Parameters from the ITU-T Recommendation

Parameters	ITU-T Paragraph No.	Reason
Affected point code	2.1	The SCCP management is out of scope for this standard.
Affected subsystem number	2.2	
Credit	2.4	The connection-oriented service is out of the scope for this standard.
Diagnostic	2.6	
Error cause	2.7	
Local reference number (source/destination)	2.9	
Receive sequence number	2.11	
Refusal cause	2.12	
Release cause	2.13	
Reset cause	2.14	
Segmenting/reassembling	2.16	
Sequencing/segmenting	2.17	
Subsystem multiplicity indicator	2.18	
Importance	2.21	
Congestion level	2.22	
Long Data	2.23	The SCCP capabilities based on the MTP conforming to JT-Q2210 is out of scope for this standard.