

JT-T90 Characteristics and Protocols for Telematic Services in ISDN

1. Relations with international standards

This standard describes the characteristics and protocols for terminals for telematic services in ISDN. The standard is based on the 1998 version of ITU-T Recommendation T.90.

2. Summary of departures from ITU-T Recommendations

2.1 Selection of optional items

This standard does not select the items defined as optional in the International recommendation.

2.2 Decision of national matter items

This standard does not decide the items defined as national matters in the International recommendation.

2.3 Advanced Items

None

2.4 Added Items

(1) Specific application rules (section 2.2.3.2.2)

The table of relation between the referred sections of ITU-T Recommendation X.75 (1987 version) and JT-X75 (version 1) is added as Note 3.

(2) Layer 3: B-channel virtual connection control and information transfer (section 2.2.5)

The protocol based on ITU-T Recommendation X.25 (1984 version), is partly extended to include a DTE-DTE application. The table of relation between the referred sections of JS-8208 (version 2) and ISO/IEC 8208 (1990 version) is added as Table 2-3.

(3) Packet size and packet window size of out-of-band negotiation and in-band negotiation (section 2.2.5.1)

The table of relation between the referred sections of JS-8208 (version 2) and ISO/IEC 8208 (1990 version) is added as Table 2-4.

(4) Minimum requirements for the OSI-NS (section 4.3.1)

The table of relation between the referred sections of JS-8208 (version 1) and ISO/IEC 8208 (1990 version) is added as Table 4-1.

(5) Categories of additional functions (section 5.1)

The table of relation between the referred sections of JS-8208 (version 2) and ISO/IEC 8208 (1990 version) is added as Table 4-2.

(6) In this standard, the table of terminology indicating the relation between the terms of ITU-T Recommendation T.90 and JT-T90 is added as Appendix 7.

(7) Supplements are provided to give a supplementary explanation for this standard.

2.5 Deleted items

In this standard, the following item is deleted from the ITU-T Recommendation.

(a) Terminal procedure in telematic terminal on the ISDN

The reason why item(a) is deleted is that the technical study of it is not sufficient and that there is little need to standardize it.

2.6 Other items

(1) Amendments to international recommendations or standards

In the international recommendation which this standard is based on, the following items are amended, since they are thought to be clearly mistaken, judging from the context.

Item in this Standard	Description in the international standard	Description in this standard (after amended)
9.	two CONNECT messages	CONNECT and CONNECT ACK messages
	CONNECT signal	CONNECT message
	UA command	UA response
FIGURE 9-1	CONNECT ACKNOWLEDGE signal	CONNECT ACKNOWLEDGE message
C.4	indicate the modulo and the receive parameters	indicate the modulo and transmit and receive parameters
FIGURE C-3	XID command Information Field encoding	XID Information Field encoding

3. History of revision

Version No.	Date	Content of revision
1 st Version	November 30, 1988	First edition
2 nd Version	April 28, 1992	Modification due to the addition in the revision of ITU-T Recommendation T.90
3 rd Version	April 20, 2000	Modification due to the addition of G4 fall back cord in the revision of ITU-T Recommendation T.90