JT-H242
System for establishing communication between audiovisual terminals using digital channels up to 1920kbit/s

<References>

1. Relations with international recommendations

This standard describes a system for establishing communication between audiovisual terminals such as a videophone and video conferencing using digital channels up to 1920 kbit/s. It conforms to the ITU-T recommendation H.242 which was approved in the World Telecommunication Standardization Conference (WTSC-93) (March 1993) and subsequently revised by ITU-T SG16 (May 1999), and the ITU-T Implementor's Guide which is approved by the ITU-T SG16 (February 20002).

2. Departures from the above international recommendation

2.1 Optional items

None

2.2 National matter items

Description has been added so that the first byte of the country code in the BAS message is '0' in Japan and the second byte (assigned nationally) conforms to the MPHPT (Ministry of Public Management, Home Affairs, Posts and Telecommunications) notification No. 865 (1988). Description has also been added so that the two bytes manufacturer code conforms to the MPHPT notification No.864 (1988).

2.3 Others

(1) Concerning the 64 kbit/s PCM voice coding, this standard refers to the ITU-T recommendation, not the TTC standard, because both A-law and μ-law have to be taken into account.

(2) The items described as "under study" or "subject for further study" in this standard, will be standardized taking the ITU-T study progress into consideration.

(3) Although the title of the ITU-T recommendation says "2 Mbit/s", it has been changed to "1920 kbit/s" for preciseness and conformance with other standards.

(4) The items described as "TTC standard JT-T120 Series" in this standard, is a general term of JT-T122, JT-T123, JT-T124 and JT-T125. Please refer to each standard.

2.4 Differences from the ITU-T recommendation on the framework

None

3. Up-dating

Edition	Date	Contents
The 1st	November 28, 1990	Enactment
The 2nd	April 27,1993	Addition and modification conforming to the revision of the corresponding ITU-T recommendation
The 3rd	November 27,1996	Addition and modification conforming to the revision of the corresponding ITU-T recommendation
The 4th	November 26,1997	Addition and modification conforming to the revision

		of the corresponding ITU-T recommendation
The 5th	November 25,1999	Addition and modification conforming to the revision of the corresponding ITU-T recommendation
The 5.1st	November 30,2000	Reflection of the ITU-T Implementor's Guide 1) Addition of JT-G722.1 audio 2) Addition of descriptions about the country code
The 5.2nd	November 27, 2001	Reflection of the ITU-T Implementor's Guide
The 5.3rd	November 28, 2002	Reflection of the ITU-T Implementor's Guide

4. Others

(1) References

TTC standards   JT-G722, JT-G723.1, JT-G725, JT-G728,

JT-G729, JT-H221, JT-H230, JT-H243,

JT-H244, JT-H261, JT-H262, JT-H263,

JT-H320, JT-T122, JT-T123, JT-T124,

JT-T125, JS-13871

ITU-T recommendations   G.711, I.464, H.224

ISO standards   ISO/IEC11172-2 (MPEG1 Video)

ISO/IEC11172-3 (MPEG1 Audio)