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CCS M33

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 21641-2008

Technique requirements of video conferencing system inter working between different technologies

基于不同技术的应急视讯会议系统互通技术要求

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Foreword

This standard is one "IP video conferencing systems" series of standards. The name of the family structure and standards are expected as follows:

--- General technical requirements of IP-based network video conferencing systems;

--- IP-based video-conferencing equipment interoperability technical requirements;

--- Interworking based on the technical requirements of the emergency video conference systems of different technologies;

--- IP-based video conferencing systems network equipment technology requirements - Part 1. Multipoint Controller (MC);

--- IP-based video conferencing systems network equipment technology requirements - Part 2. Multi-Processor (MP);

--- Based video conferencing system used in IP networks - Part 3. Gatekeeper (GK);

--- IP-based video conferencing systems network equipment technology requirements - Part 4. Multipoint Control Unit (MCU);

--- IP-based video conferencing system terminal technical requirements. Appendix A of this standard is a normative appendix. This standard was proposed by the Ministry of Information Industry. The standard by the China Communications Standards Association. This standard was drafted. Ministry of Information Industry Institute of Telecommunications Transmission, ZTE Corporation. Drafters of this standard. Jiang Lintao, Lijian Fang, Wu Jing, Yang, Sun Mingjun, Wu Yongming, Nie Xiuying, Liu said?. Based on emergency video conference systems of different technologies Interoperability Technical Requirements

1 Scope

GB/T 21641-2008 is the Chinese national standard on technique requirements of video conferencing system inter working between different technologies, in the field of telecommunications and audio-video engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 April 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2008. Classification: ICS 33.040, CCS M33. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the video conferencing terminal IP-based network video conferencing system and non-IP networks (including GB/T 15845.4-2003 video terminals and ITU-TH. 324 video terminal) interworking architecture, the basic requirements for interworking, media interworking Requirements, interworking protocol requirements, interoperability and interconnection billing safety requirements. This standard applies to

IP-based video conferencing systems.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 15845.4-2003 requirements of audiovisual terminals narrowband audiovisual systems and terminal equipment (ITU-TH.320 (1999), IDT)

GB/T 17154.1-1997 ISDN User - Basic Call Part 1 specification and test method for network interface layer control Score. Layer specification for basic call control

GB/T 17904.1-1999 ISDN User - Part 1 network interface data link layer specification and conformance testing method Score. user - network interface data link layer specification

GB/T 18119-2000 low bit rate communication video coding (idtITU-TH.263-1998)

GB/T 21639-2008 General Technical Requirements for IP-based video conferencing systems

GB/T 21640-2008 IP-based video conferencing systems network equipment interoperability technical requirements YD/T 822-1996 P x 64kbit/s encoding video conferencing (idtITU-TH.261-1993) YDN038-1997 domestic NO. 7 signaling system technical specification Integrated Services Digital Network User Part (ISUP) YDN038.1-1999 domestic NO. 7 signaling system technical specification Integrated Services Digital Network User Part (ISUP) (Supplementary Amendment) ITU-TH. 221 audiovisual teleservices frame structure 64kbit/s ~ 1920kbit/s path ITU-TH. 223 low bit-rate multimedia communication multiplexing protocol ITU-TH. 224-2000 using H. Single industrial control protocol pragmatic 221LSD/HSD/MLP channels ITU-TH. Packing 225.0-2000 does not guarantee the quality of service for local online video telephone system and media streams Synchronize ITU-TH. 230 audiovisual system frame synchronization control signal and the indication signal ITU-TH. 242 use within 2Mbit/s digital channels established system of communication between audiovisual terminals ITU-TH. 245-2000 control protocol for multimedia communication ITU-TH. 248 Media Gateway Protocol ITU-TH. 262 information technology of moving pictures and associated audio information - Generic coding - Part 2. Video ITU-TH. 281-1994 using H. 224 videoconferencing end camera control protocol ITU-TH. 282-1999 multimedia communication Remote Device Control Protocol ITU-TH. 310-1998 broadband video communications systems and terminals ITU-TH. 321-1998 H. Videophone terminal adapter 320 to the B-ISDN network