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GB/T 21645.5-2012

Technical requirements for automatically switched optical network - Part 5: User-Network Interface(UNI)

自动交换光网络(ASON）技术要求 第5部分：用户-网络接口(UNI)

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Foreword

GB/T 21645 "Automatic Switched Optical Network (ASON) technical requirements" into the following sections.

--- Automatically Switched Optical Network (ASON) technical requirements - Part 1. Architecture and general requirements

--- Automatically Switched Optical Network (ASON) technical requirements for Part 2. Terms and definitions

--- Automatically Switched Optical Network (ASON) technical requirements - Part 3. Data Communication Network (DCN)

--- Automatically Switched Optical Network (ASON) technical requirements - Part 4. Signaling Technology

--- Automatically Switched Optical Network (ASON) technical requirements - Part 5. User - Network Interface (UNI) Section 6 (ASON) technical requirements

--- Automatically Switched Optical Network. Management Plane

--- Automatically Switched Optical Network (ASON) technical requirements - Part 7. Automatic discovery Section 8 (ASON) technical requirements

--- Automatically Switched Optical Network. Routing

--- Automatically Switched Optical Network (ASON) technology - Part 9. external network - network interface (E-NNI) This part of Section 5 GB/T 21645 in. Rules in this section in accordance with GB/T 1.1-2009 given draft. This part of the main reference OIFUNI1.0R2 "UNI

1.0 Signaling Specification Version 2" and IETFGMPLS series of agreements. This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This part of the jurisdiction of the China Communications Standards Association. This section is drafted. Huawei Technologies Co., Telecommunications Research Institute of the Ministry of Industry and Information Technology, Shanghai Bell Co., Ltd., ZTE News Corp., Wuhan Research Institute of Posts and Telecommunications, China United Network

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Communications Limited. The main drafters of this section. Gao Jianhua, Zhang Guoying, Xuyun Bin, Sun Jun, Huang Feng, Ke Ming, Song Ran, Wang sound. Automatically Switched Optical Network (ASON) technical requirements Part 5. User - Network Interface (UNI)

1 Scope

GB/T 21645.5-2012 is the Chinese national standard on technical requirements for automatically switched optical network - part 5: user-network interface(uni), 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 29 June 2012 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 October 2012. Classification: ICS 33.180.01, 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 section GB/T 21645 provisions of the Automatically Switched Optical Network (ASON) User - Network Interface (UNI) technical requirements, including. ASONUNI interface supported connection service types, used to call the UNI signaling protocol interfaces and services and support for UNI signaling protocol Auxiliary functions. This section applies to ASON based on Synchronous Digital Hierarchy (SDH) and Optical Transport Network (OTN) is.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated edition applies to this article Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 15837-2008 digital synchronous network interface requirements

GB/T 21645.1-2008 Automatically Switched Optical Network (ASON) technical requirements - Part 1. Architecture and general requirements

GB/T 21645.3-2009 Automatically Switched Optical Network (ASON) technical requirements - Part 3. Data Communication Network (DCN)

GB/T 21645.4-2010 Automatically Switched Optical Network (ASON) technical requirements - Part 4. Signaling Technology YD/T1462-2006 optical transport network (OTN) interfaces IETFRFC2961 RSVP refresh overhead reduction extensions (RSVPRefreshOverheadReductionExtensions) IETFRFC3473 GMPLSRSVP-TE signaling

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