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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 21645.2-2010

**Technical requirements for automatically switched optical
networks -- Part 2: Terms and definitions**

自动交换光网络（ASON）技术要求 第2部分：术语和定义

(English Translation)

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Foreword

Structure GB/T 21645 "Automatic Switched Optical Network (ASON) technical requirements" standard is expected as follows.

- Part 1. Architecture and general requirements;
- Part 2. Terms and definitions;
- Part 3. Data Communication Network (DCN);
- Part 4. Signaling Technology;
- Part 5. User - Network Interface (UNI);
- Part 6. management plane;
- Part 7. automatic discovery.

This part of GB/T 21645 Part 2.

This part of ITU-TG.8081.2008 "ASON terms and definitions" of non-equivalent, the correspondence between the content as follows.

- 3.1 corresponds to G.8081.2008 3.1;
- 3.2 corresponds to G.8081.2008 3.2, and added back (crank-back), service level agreements (SLA), number (Numbered), unnumbered (unnumbered) definitions of the terms;

--- Chapter 4 corresponding to the G.8081. Chapter 4, 2008;

--- Appendix A corresponds to the G.8081.2008 Appendix III.

Appendix A of this section is an informative annex.

This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

The standard by the China Communications Standards Association.

This standard was drafted. new Qiao Network Equipment (Shanghai) Co., Ltd., the Ministry of Information Industry Telecommunications Research Institute.

1 Scope

This section GB/T 21645 specifies the Automatically Switched Optical Network (ASON) terms, definitions and abbreviations.

This section applies to a circuit-oriented and packet transport network connections ITU-TG.805 definitions, including the definition of ITU-TG.872 Optical Transport Network (OTN).

2 Normative references

The following documents contain provisions which, through reference GB/T 21645 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest version applies to this section.

Terms and definitions ITU-TG.780 Synchronous Digital Hierarchy (SDH) networks and devices Architecture and specification ITU-TG.7712 Data Communication Network General functional structure of ITU-TG.805 transport network Characteristics of ITU-TG.806 transmission equipment - general description of methods and functions ITU-TG.870 optical transport network terminology and definitions ITU-TM.3010.2000 Telecommunications Management Network Rules Consider ITU-TM.3013 Telecommunications Management Network ITU-TM.3100 Generic Network Information Model ITU-TX.25. access 1996 data terminal equipment (DTE) and data circuit-terminating equipment (DCE) between Ports for packet mode via a dedicated circuit connected to a public data network the operation is terminated ITU-TX.700 CCITT applications OSI (OSI) management framework 2002 General structure and service requirements of VPN network. ITU-TY.1311

3.1 Public term

This section uses the following terms defined in other ITU-T standard.

3.1.1 IUT-TG.780 term defined

- Data communication path DataCommunicationsChannel (DCC)
- Embedded control path EmbeddedControlChannel (ECC)
- Link Capacity Adjustment Scheme LinkCapacityAdjustmentScheme (LCAS)
- Network Node Interface NetworkNodeInterface (NNI)
- Protection

3.1.2 ITU-TG.805 term defined

- Access Group AccessGroup (AG)
- AP AccessPoint (AP)
- Management domain administrativedomain