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ICS 33.040.20
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4844-2024

Synchronous Network Terms and Definitions

同步网术语和定义

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4844-2024

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1 Foreword

YD/T 4844-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the basic concepts of synchronization network, as well as the terms and definitions of synchronization methods, synchronization networks, synchronization-related interfaces, clock working status, clock performance parameters, frequency synchronization equipment/modules, time synchronization equipment/modules, and measurement characterization. This standard applies to the research, development, operation, and maintenance of synchronization networks and equipment.

YD/T 4844-2024 falls under ICS 33.040.20, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 4848-2024 - Access network operation and maintenance intelligent technology requires data collection and common data model

YD/T 4846-2024 - Enhanced Synchronous Ethernet Device Clock Test Method

YD/T 4845-2024 - Technical requirements for 100ns-level high-precision time synchronization

5 Classification and status

International classification (ICS): 33.040.20

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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