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**NATIONAL STANDARD OF THE
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**Technical specification of national No.7 signalling system 2
Mbit/s high speed link**

国内No.7信令方式技术要求 2Mbit/s高速信令链路
(English Translation)

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Foreword

This standard rule according to GB/T 1.1-2009 given draft.

The standard reference method using redrafted ITU-TQ.703.1996 "No.7 Signaling System

Message Transfer Part signaling link" in the Content related to the preparation of high-speed signaling link, the degree of consistency with the equivalent of a non-ITU-TQ.703.

The standard 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. the Ministry of Industry and Information Technology and Telecommunications Research Institute, Huawei Technologies Co., Ltd.

1 Scope

This standard specifies the technical requirements for high-speed signaling link, but also provides high-speed signaling link in the signaling of No.7 online in principle.

This standard applies to No.7 signaling network signaling links in a higher load.

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.

YDN068 domestic No.7 signaling system technical specification message transfer part (MTP) ITU-TG.703 physical/electrical characteristics of hierarchical digital terminal equipment digital interface (Digitalterminalequipments-General.

Physical/electricalcharacteristicsofhierarchicaldigitalinterfaces) ITU-TG.704 digital terminal equipment 1544, 6312, 2048, 8488 and 44,736kbit/s level sync frame structure (Digitalterminalequipments-General.

Synchronousframestructuresusedat1544,6312,2048,8448

and44736kbit/shierarchicallevels) ITU-TQ.704 No.7 signaling system switching and signaling specification Message Transfer Part signaling network functions and messages (Switching andsignalingspecificationsofSignalingSystemNo.7-Messagetransferpart (MTP) Signalingnet-workfunctionsandmessages)

3.1 Terms and Definitions

The following terms and definitions apply to this document.

3.1.1

Flag search mode flag hunting the original 64kbit/s octet counting mode using link (OCTETCOUNTING) different, 2Mbit/s high-speed signaling After missing link protocol flag, flag link into the search mode, in this mode, only to find the code stream flag instead of the

check After the process of looking for the detection of octet counting, find flag the link flag to exit search mode.

3.2 Acronyms

The following abbreviations apply to this document.

AERM AlignmentErrorRateMonitor positioning error rate monitoring EIM

ErrorIntervalMonitor error monitoring period FISU Fill-InSignalUnit fill signals unit LSSU

LinkStatusSignalUnit link status signal unit