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INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

YD/T 1105-2001

900/1800MHz TDMA Digital Cellular Mobile Telecommunication Network Technical Specification for General Packet Radio Service Switching Sub-system Equipment

900/1800MHz TDMA数字蜂窝移动通信网通用分组无线业务(GPRS)设备技术规范:交换子系统

(English Translation)

Issued on: March 20, 2001 **Implemented on: March 20, 2001**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 1105-2001 was issued by Ministry of Industry and Information Technology on 20 March 2001 and took effect the same day.

2 Scope

This standard specifies the 900/l800MHz TDMA digital cellular mobile communication network GPRS switching subsystem (including SGSN, GGSN, BG, HLR/AUC, MSC/VLR, SMS-GMSC/IWMSC, CG, etc.) in the structure configuration, operations and functions, performance, number and interoperability, interfaces, billing, operation and maintenance, mechanical and environmental, power and ground and other technical requirements. This standard applies to 900/l800MHz TDMA digital cellular mobile communication network switching subsystem GPRS for GPRS switching subsystem equipment introduction, network planning and equipment manufacturing, engineering design, network operation, management and maintenance provide the technical basis.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 25 pages (approximate)

Chinese original: about 37,323 characters

4 Classification and status

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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