

الباب الأول

تعرف على هندسة الاتصالات

الفصل الثالث

لائحة اختصارات الاتصالات

الاختصارات الخاصة بنظم الاتصالات

3GPP 3rd Generation Partnership Project
(WCDMA)

3GPP2 3rd Generation Partnership Project 2
(CDMA 2000)

3GIP 3rd Generation partnership for Internet Protocol

AAL ATM Adaptation Layer

ACELP Algebraic Code Excited Linear Prediction

ADN Abbreviated Dialling Number

ALCAP Access Link Control Application Part

AMPS Advanced Mobile Phone System

AMR Adaptive Multi Rate

AN (C,XU) Antenna Network

ANSI American National Standard Institute (USA)

ARIB Association of Radio Industries and Business
(Japan)

ATC ATM Traffic Contract

ATM Asynchronous Transfer Mode

BB **** Band

BCCH Broadcast Control Channel

BER Bit Error Rate

BHCA Busy Hour Call Attempts

BLER Block Error Rate

BMC Broadcast Multicast Control

BM-IWF Broadcast Multicast Inter-Working Function

BPMT Node B Performance Monitoring Tool

BSC **** Station Controller

BSS **** Station (sub)System

BTS **** Transceiver Station

BWC Bandwidth Control

CAC Connection Admission Control

CAMEL Customised Application for Mobile Enhanced Logic

CC Call Control

CCCH Common Control Channel

CCT Call Context Template

CCTrCH Coded Composite Transport Channel

CDMA Code Division Multiple Access

CDR Call Data Record

CDV Cell Delay Variation

CLR Cell Loss Ratio

CM Configuration Management

CN Core Network

CORBA Common Object Request Broker Architecture

CP Central Processing

CPCH Common Packet Channel

CPCS Common Part Convergence Sub-layer

CPS Command Part Sub-layer

CPU Central Processing Unit

CRC Cyclic Redundant Check

CS Circuit Switched

CS Convergence/Adaptation to Services (ATM)

CTCH Common Traffic Channel

CTD Cell Transfer Delay

CWTS China Wireless Telecommunication Standard group

DB Debug

DCA Dynamic Channel Allocation

DCCH Dedicated Control Channel

DCH Dedicated Channel

DCN Data Communication Network

DHO Diversity HandOver

DHT Diversity HandOver Trunk

DRAC Dynamic Resource Allocation Control

DRNC Drift RNC

DS Direct Sequence

DSCH Downlink Shared CHannel

DTCH Dedicated Traffic CHannel

EDGE Enhanced Data rates for GSM Evolution

EFR Enhanced Full Rate

E-GSM Enhanced GSM

E-GPRS Enhanced GPRS

EM Element (or Equipment) Manager

ERAN EDGE Radio Access Network (all-IP)

ETSI European Telecommunication Standard Institute

FACH Forward Access Channel

FBI Feed-Back Information

FDD Frequency Division Duplex

FDD-DS FDD-Direct Sequence (FDD1)

FDD-MC FDD-Multiple Carrier (FDD2)

FDL File Download (EM application)

FDMA Frequency Division Multiple Access

FER Frame Error Rate

FTP File Transfer Protocol

FvX Flexor Visual Explorer

FW Firmware

GCRA Generic Cell Rate Algorithm

GERAN GSM/EDGE Radio Access Network

GGSN Gateway GPRS Support Node

GMSC Gateway MSC

GMSK Gaussian Minimum Shift Keying

GP Granularity Period

GPRS General Packet Radio Service

GSM Global System for Mobile Communications

GTP GPRS Tunneling Protocol

GTP-U GPRS Tunneling Protocol-User Plane

GUI Graphical User Interface

HDD Hard Disk

HHO Hard HandOver

HIF High speed Interface

HLR Home Location Register

HO HandOver

HSDPA High Speed Downlink Packet Access

HSS Home Subscriber Service

HPLMN Home PLMN

IDL Interface Definition Language

IETF Internet Engineering Task Force

IM Information Manager

IMEI International Mobile Equipment Identity

IMS IP Multimedia Subsystem

IMSI International Mobile Subscriber Identity

IMT International Mobile Telecommunication

IMT-DS Direct Sequence

IMT-MC Multi Carrier

IMT-SC Single Carrier

IMT-TC Time Code

IOT Inter Operability Tests

IOR Interoperable Object Reference

IP Internet Protocol

IR Incremental Redundancy

ISC Internetworking Services Card

ISDN Integrated Services Digital Network

Itf-b Interface Node B - OMC-R

Itf-r Interface RNC - OMC-R

ITU International Telecommunication Union

Iub Interface Node B - RNC

Iur Interface RNC - RNC

Iu-CS Interface RNC - CN Circuit Switch

Iu-PS Interface RNC - CN Packet Switch

Kbps Kilobits per second

L1, L2, L3 Layer , Layer 2, Layer3

LA Local Area

LAC Local Area Code

LAN Local Area Network

LCS LoCation Services

LLC Logical Link Control

LM Load Module

LMT Local Maintenance Terminal

LIF Low speed Interface

LQC Link Quality Control

M3UA SS7 MTP3 User Adaptation layer

MAC Medium Access Control

MAP Mobile Application Part

MBS Multi-standard ******** Station (UTRAN)

MBS Maximum Burst Size (ATM)

MCR Minimum Cell Rate

MExE Mobile Execution Environment

MM Mobility Management

MMUX Mac Multiplexer

MSC Mobile Switching Centre

MSP Multiple Subscriber Profile

MTP3 Message Transfer Part level 3

MTP-3B Message Transfer Part level 3 Broadband

NAS Non Access Stratum

NBAP Node-B Application Part

NE Network Element

N/E Normal/ Emergency

NEM New element manager

NM Combined EM and SNM

NML Network Management Layer

NMS Network Management System

NPA Network Performance Analyser

NTP Network Time Protocol