

Acronyms

ACM	Address Complete Message	CCITT	Consultative Committee for International Telephony and Telegraphy (French)
AGCH	Access Grant Channel	CDMA	Code Division Multiple Access
AMPS	Advanced Mobile Phone System	CDPD	Cellular Digital Packet Data
ANS	Answer message	CEPT	European Conference of Posts and Telecommunications
ANSI	American National Standards Institute	CGSA	Cellular Geographic Service Area
AuC	Authentication Center	CLNP	ConnectionLess Network Protocol
BCCH	Broadcast Control Channel	CRC	Cyclic Redundancy Check
BISDN	Broadband ISDN	CT2	Cordless Telephone 2
BOC	Bell Operating Companies	DCE	Data Circuit-terminating Equipment
BSC	Base Station Controller	DCS1800	Digital Communication System
BSS	Base Station Subsystem	DECT	Digital European Cordless Telephone
BSSMAP	BSS Management Application Part	DNS	Domain Name Server
BTS	Base Transceiver Station	DPC	Destination Point Code
CATV	Cable Television	DTAP	Direct Transit Appl. Part
CBCH	Cell Broadcast Channel	DTE	Data Terminal Equipment
CC	Call Control		
CCIR	Comite Consultatif International Radio		



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Appendix 1

Acronyms

E-TDMA	Extended TDMA	GPRS	General Packet Radio Service
EIA	Electronic Industries Association	GSM	Groupe Speciale Mobile, Global System for Mobile Communications
EIR	Equipment Identity Register		
ETSI	European Telecommunication Standards Institute	HDLC	High level Data Link Control
FACCH	Fast Associated Control Channel	HLR	Home Location Register
FCC	Federal Communications Commission	HSN	Hopping Sequence Number
FCCH	Frequency Correction Channel	IAB	Internet Activities Board
FDD	Frequency Division Duplex	IAM	Initial Address Message
FDMA	Frequency Division Multiple Access	IETF	Internet Engineering Task Force
FEC	Forward Error Correction	IMEI	International Mobile Equipment Identity
FPLMTS	Future Public Land Mobile Telecommunication System	IMSI	International Mobile Subscriber Identity
GMSC	Gateway MSC	IMTS	Improved Mobile Telephone Service
GMSK	Gaussian Minimum Shift Keying	IN	Intelligent Network
GPCH	GPRS Packet Channel	IP	Internet Protocol
		ISDN	Integrated Services Digital Network



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Appendix 2

Acronyms

ISO	International Standards Organization	MAIO	Mobile Allocation Index Offset
ISP	Intermediate Service Part	MAN	Metropolitan Area Network
ISUP	ISDN User Part	MAP	Mobile Application Part
ITU	International Telecommunication Union	MD-IS	Mobile Data Intermediate System
ITU-T	ITU Telecommunication Sector	MDBS	Mobile DataBase Station
IWF	Interworking Function	MH	Mobile Host
		MIN	Mobile Identification Number
		MM	Mobility Management
LAI	Location Area Identifier	MNLP	Mobile Network Location Protocol
LAN	Local Area Network	MoU	Memorandum of Understanding
LAP	Link Access Protocol	MS	Mobile Station
LAPB	Link Access Protocol - B Channel	MSC	Mobile services Switching Center
LAPD	Link Access Protocol - D Channel	MSIC	Mobile Subscriber Identification Number
LAPDm	LAPD Mobile	MSISDN	Mobile System ISDN
LCI	Local Cell Identifier	MTA	Mobile Telephone System A
LSAI	Local Service Area identifier	MTB	Mobile Telephone System B
LSB	Least Significant Bit	MTD	Mobile Telephone System D
		MTP	Message Transfer Part
M-ES	Mobile End System	MTSO	Mobile Telephone Switching Office
MAC	Medium Access Control		



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Appendix 3

Acronyms

NEI	Network Entity Identifier	PMR	Private land Mobile Radio
NMT	Nordic Mobile Telephone	POTS	Plain Old Telephone Service
		PSPDN	Packet Switched Packet Data Network
OACSU	Off-Air Call Set Up	PSTN	Public Switched Telephone Network
OAM	Operations, Administration, and Maintenance		
OPC	Origin Point Code	RACE	Research on Advanced Communications in Europe
OSI	Open System Interconnection	RACH	Random Access Channel
PAD	Packet Assembler Disassembler	RBOCs	Regional Bell Operating Companies
PCC	Power Control Channel	RECC	Reverse Control Channel
PCCA	Portable Computer and Communications Association	RF	Radio Frequency
PCH	Paging Channel	RIL3	Radio Interface Layer 3
PCS	Personal Communications System	RLP	Radio Link Protocol
PIN	Personal Identification Number	RR	Radio Resources
PD	Protocol Discriminator	SACCH	Slow Associated Control Channel
PLMN	Public Land Mobile Network		



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Appendix 4

References

■ Websites

- Industry Canada website on spectrum management: <http://spectrum.ic.gc.ca/>
- GSM Association Website: <http://www.gsmworld.com/>
- ITU website: <http://www.itu.int/>
- IMT 2000 website: <http://www.itu.int/imt/>
- 3rd Generation Partnership Project: <http://www.3gpp.org/>
- 3rd Generation Partnership Project 2: <http://www.3gpp2.org/>
- IEEE standards: <http://standards.ieee.org/>
- WiFi Forum: <http://www.wi-fi.org/>
- WiMax Forum: <http://www.wimaxforum.org/>
- Bluetooth website: <http://www.bluetooth.com/>
- IETF website: <http://www.ietf.org/>
- Open Mobile Alliance: <http://www.openmobilealliance.org/>
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- IEEE Wireless Communications Magazine (was IEEE Personal Communications Magazine)
- IEEE Transactions on Mobile Computing
- ACM/Kluwer Wireless Networks
- ACM/Kluwer Mobile Networks and Applications
- ACM Mobile Computing and Communications Review

References

■ Conferences

- ACM MobiCom (Mobile Computing and Networking)
- ACM MobiHoc (Mobile Ad Hoc Networking and Computing)
- ACM MobiSys (Mobile Systems, Applications, and Services)
- ACM SenSys (Sensor Systems)
- IEEE Infocom (IEEE Communications Society Conference)
- IEEE WCNC (Wireless Communications and Networking Conference)
- IEEE WMCSA (Workshop on Mobile Computing Systems and Applications)
- IEEE PerCom (Pervasive Computing and Communications)
- IEEE Sensors
- Pervasive (European Pervasive Computing Conference)
- And a wide range of more specialized workshops and tracks at general communications/networking-related conferences such as ICDCS (International Conference on Distributed Computing Systems) or ICPP (International Conference on Parallel Computing)