

Cellular Abbreviations

AAA	Authentication, Authorization and Accounting Server (RADIUS)
AAL	ATM Adaptation Layer
ACELP	Algebraic Code Excited Linear Predictive (AMR, IS-136 EFR vocoder)
ACK	Acknowledgement
ACM	Address Complete Message (ISUP)
AFS	AMR Full Rate Speech
AGC	Automatic Gain Control
AGCH	Access Grant Channel
AHS	AMR Half Rate Speech
AICH	Acquisition Indication Channel
AK	Anonymity Key
AKA	Authentication and Key Agreement
ALCAP	Access Link Control Application Part Generic name for the transport signalling protocols used to set-up and tear-down transport bearers in UMTS
AM	Acknowledged Mode (RLC)
AMPS	Advanced Mobile Phone Service
AMR	Adaptive Multi Rate vocoder
ANM	Answer Message (ISUP)
API	Application Program Interface
APN	Access Point Name (GPRS)
Apps	Applications
ARFCN	Absolute Radio Frequency Channel Number
ARIB	Association for Radio Industry and Business (Japan)
ARP	Address Resolution Protocol
ARPU	Average Revenue Per User
ARQ	Automatic Repeat Request (L2 error correction by retransmission)
AS	Access Stratum (UMTS)
AS	Application Server
ASCI	Advanced Speech Call Items (GSM-R)
ASP	Application Service Provider
ATM	Asynchronous Transfer Mode
AVC	Analog Voice Channel (AMPS)
AWGN	Additive White Gaussian Noise

Cellular Abbreviations

B2B	Business to Business
BCCH	Broadcast Control Channel
BCFE	Broadcast Control Functional Entity (UMTS, RRC)
BCS	Block Check Sequence
BCSM	Basic Call Service Model (IN)
BD	Billing Domain (where charging information is processed)
BG	Border Gateway (GPRS)
BGCF	Breakout Gateway Control Function (IM)
BICC	Bearer Independent Call Control (ITU protocol between MGCF)
B-ISDN	Broadband ISDN
BLER	Block Error rate
BPSK	Binary Phase Shift Keying
BS	Bearer Service
BSC	Base Station Controller
BSS	Business Support System (ipdr)
BSS	Base Station Subsystem (include the BTS, BSC and TRAU)
BSSAP	BSS Application Part (SS7)
BSSGP	BSS GPRS Protocol
BSSMAP	BSS Management Application Part (SS7)
BTS	Base Station Transceiver
BVCI	BSSGP Virtual Connection Identity (GPRS)
CAC	Connection Admission Control
CAI	Charge Advice Information (AoC)
CAMEL	Customized Application for Mobile Enhanced Logic
CAPEX	Capital Expenditure
CB	Cell Broadcast
CBC	Cell Broadcast (Service) Center
CBCH	Cell Broadcast Channel
CBR	Constant Bit Rate (ATM)
CBS	Cell Broadcast Service
CC	Call Control
CC/PP	Composite Capability / Preference Profile
CCCH	Common Control Channels
CCPCH	Common Control Physical Channel (UMTS L1)
CCTrCH	Coded Composite Transport Channel (UMTS L1)

Cellular Abbreviations

CC/PP	Composite Capability/Preference Profiles (MexE)
CDG	CDMA Development Group
CDMA	Code Division Multiple Access
CDPD	Cellular Digital Packet Data
CDR	Charging Data Record
CF	Call Forward
CFA	CDMA Frequency Allocation
CFI	Call Forward Indication (in USIM)
CFN	Connection Frame Number (UTRAN)
CHAP	Challenge Authentication Protocol (LCP)
CHV	Card Holder Verification (PIN)
CI	Cell Identifier
CGI	Cell Global Identity (LAI+CI)
CGI	Common Gateway Interface (www)
CK	Ciphering Key
CL	Connection Less
CLNS	Connection Less Network Service
CLP	Cell Loss Priority (ATM)
CM	Connection Management sublayer
CMM	Channel Mode Modify
CN	Core Network (UMTS)
CO	Connection Oriented Central Office
CoA	Care of Address
CONS	Connection Oriented Network Service
COPS	Common Open Policy Service protocol (IETF)
CORBA	Common Object Request Broker Architecture
CPCH	Common Packet Channel (UMTS)
CPI	Capability and Preference Information (WAP UAProf)
CPS	Coding & Puncturing Scheme (EGPRS)
CRC	Cyclic Redundancy Check
CS	Circuit Switched
CS	Convergence Sublayer (ATM)
CSCF	Call Session Control Function (UMTS IM Core soft switch)
CSE	CAMEL Service Environment (SCF)

Cellular Abbreviations

CSI	CAMEL Subscription Information
CSPDN	Circuit switched Public Data Network
CTCH	Common Traffic Channel (UMTS)
CTFC	Calculated Transport Format Combination
CTS	Clear to Send (RS-232 106)
DA	Destination Address
dBm	dB milliwatt
DBM	Data Burst Message
DC	Dedicated Control SAP (UMTS)
DCA	Dynamic Channel Allocation (UMTS TDD)
DCD	Data Carrier Detect (RS-232 109)
DCE	Data Circuit Equipment (network side)
DCR	Data Circuit Ready (RS-232 107)
DECT	Digital European Cordless Telephone
DES	Data Encryption Standard
DHCP	Dynamic Host Configuration Protocol
DiffServ	Differentiated Services
DL	Downlink
DLCI	Data Link Connection Identifier
DMH	Data Message Handler (Billing)
DNS	Domain Name Server
DOD	Department of Defence
DP	Dial Pulse
DPCCH	Dedicated Physical Control Channel (UMTS L1 uplink)
DPCH	Dedicated Physical Channel (UMTS L1 Downlink)
DPDCH	Dedicated Physical Data Channel (UMTS L1 uplink)
DRAC	Dynamic Resource Allocation Control
DRNC/S	Drift Radio Network Controller/Subsystem (UMTS)
DRX	Discontinuous Receive mode
DSCH	Download Shared Channel (UMTS)
DSS1	Digital Subscriber Signalling 1
DTAP	Direct Transfer Application Part (see BSSAP)
DTCH	Dedicated Traffic Channel (UMTS)
DTE	Data Terminal Equipment (user's side)
DTMF	Dual Tone Multiple Frequency for dialling and automated PBX

Cellular Abbreviations

	extensions
DTR	Data Terminal Ready (RS-232 108/2)
DTX	Discontinued Transmission (using Voice Activity Detection)
E1	a G-series trunk with 2 Mbits/s (32*64 kbits/s) stream.
E-DCH	Enhanced Dedicated Channel (HSUPA)
EDGE	Enhanced Datarate for GSM Evolution
EDP	Event Detection Point (IN)
EFCI	Explicit Forward Congestion Indication (ATM)
EFR	Enhanced Full Rate GSM Vocoder
EGPRS	Enhanced GPRS (EDGE)
EIR	Equipment Identity Register
EIRP	Effective Isotropic Radiated Power
EMC	Electro Magnetic Compatibility
EMS	Enhanced Messaging Service
ENUM	E.164 Numbers and DNS
ESN	Electronic Serial Number (32-bit number assigned by the manufacturer)
ETSI	European Telecommunication Standards Institute
FA	Foreign Agent (Mobile IP)
FAC	Final Assembly Code (part of the IMEI)
FACH	Forward Link Access Channel (UMTS)
FAUSCH	Fast Uplink Signalling Channel (UMTS)
FBI	Feedback Information (UMTS L1)
FCC	Federal Communication Council
FCCH	Frequency Correction Channel
FCS	Frame Check Sequence
FDD	Frequency Division Duplex (UMTS)
FDMA	Frequency Division Multiple Access
FDS	Fraud Detection System
FEC	Forward Error Correction
FER	Frame Error Rate
FFS	For Further Study
FIGS	Fraud Information Gathering System
FN	Frame Number
FP	Frame Protocol (UMTS)
FPLMTS	Future Public Land Mobile Telecom Systems

Cellular Abbreviations

FR	Full Rate GSM Vocoder
FR / FRMR	Frame Relay
FSK	Frequency Shift Key
FTN	Forwarded-To Number
GAIT	GSM ANSI Interoperability Team (dual mode GSM/TDMA Phones)
GC	General Control SAP (UMTS)
GCR	Group Call Register
GGSN	Gateway GPRS Serving Node
GMM	GPRS Mobility Management sublayer
GMSC	Gateway MSC
GoS	Grade of Service
GPRS	General Packet Radio Service
GPS	Global Positioning System
GRA	GERAN Registration Area
GSM	Global System for Mobile Communication
GSN	GPRS Support Node
GSTN	General Switched Telephone Network
GGSN	Gateway GPRS Serving Node
GTP	GPRS Tunneling Protocol
GTT	Global Text Telephony
GTPP	GPRS Transparent Transport Protocol (PDSS2)
GUP	Generic User Profile
HA	Home Agent (Mobile IP)
HCS	Hierarchical Cell Structure (UMTS)
HDLC	High Level Data Link Control
HE	Home Environment
HFN	Hyper-Frame Number
HLC	Higher Layer Compatibility
HLR	Home Location Register
HO	Handover
HPLMN	Home PLMN
HR	Half Rate GSM Vocoder
HS	High Speed
HSDPA	High-Speed Downlink Packet Access
HSCSD	High speed circuit switched data

Cellular Abbreviations

HSS	Home Subscriber Server (UMTS IM Core)
HSUPA	High-Speed Uplink Packet Access
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol
HW	Hardware
I/F	Interface
IAM	Initial Address Message (ISUP)
IANA	Internet Assigned Numbers Authority
ICMP	Internet Control Message Protocol (RFC 792)
ID	Identity
IDL	Interface Description Language (CORBA, OSE)
IE	Information Element
IETF	Internet Engineering Task Force
IFC	Initial Filter Criteria (IP multimedia triggers)
IGMP	Internet Group Management Protocol
IGSN	Internet GSN (SGSN+GGSN+MIP)
IHOSS	Internet Hosted Octet Stream Service
IK	Integrity Key
IM CN	IP Multimedia Core Network
IMA	Inverse Multiplexing Over ATM
IMC	Internet Mail Consortium (vCalendar, vCard)
IMEI	International Mobile Equipment Identity
IMPI	IP Multimedia Private Identity
IMPU	IP Multimedia Public Identity
IMS	IP Multimedia Subsystem (IP-Multimedia Core)
IMSI	International Mobile Subscriber Identifier
IMT 2000	International Mobile Telecom
IN	Intelligent Networks
IP	Internet Protocol (RFC 791)
IP-CAN	IP Connectivity Access Network (IMS)
IPCP	Internet Protocol Control Protocol (RFC 1332)
IPLMN	Interrogating PLMN - the PLMN containing GMSC
IRP	Integration Reference Point (O&M)
IS	Interim Standard
ISC	International Switching Center (ISUP)

Cellular Abbreviations

ISC	IMS Service Control (IMS interface between S-CSCF and AS)
ISD	Insert Subscriber Data (MAP)
ISDN	Integrated Services Digital Network
ISM	Industry, Scientific, Medical frequency band (2.4 GHz)
ISNI	Intermediate Signalling Network ID (ANSI SCCP addressing)
ISP	Internet Service Provider
ISUP	ISDN User Part (SS7)
ITC	Information Transfer Capability
ITU	International Telecommunication Union
IVR	Interactive Voice Response
IWF	Inter Working Function
JAIN	JAVA API for Integrated Networks
Ki	Individual subscriber authentication key
LAC	Location Area Code
LAC	Link Access Control
LAI	Location Area Identifier
L1	Layer 1
L2R	Layer 2 Relay protocol
LA	Location Area
LAC	Location Area Code
LAI	Location Area Identifier
LAPDm	Link Access Protocol – D-Channel (mobile)
LCAF	Location Client Authorization Function (LCS)
LCCF	Location Client Control Function (LCS)
LCP	Link Control Protocol (PPP)
LCS	Location Services
LDAP	Lightweight Directory Access Protocol (RFC-1798)
LDR	Location Deferred Request (LCS)
LE	Local Exchange
LIR	Location Immediate Request (LCS)
LLC	Lower Layer Compatibility
LLC	Logical Link Control
LLD	Low Level Design
LMMF	LMU Mobility Management Function (LCS)
LMU	Location Measurement Unit

Cellular Abbreviations

LSA	Local Service Area (private autonomous group of cells)
LSB	Least Significant Bit
LU	Location Update
M3UA	MTP3 User Adaptation Layer (sigtran)
MAC	Media Access Control
MAC	Message Authentication Code (UMTS Network Authentication)
MACA	Mobile Assisted Channel Allocation
MACF	Multiple Association Control Function (IN)
MAHO	Mobile Assisted Handover
MAP	Mobile Application Part (SS7)
MBMS	Multimedia Broadcast/Multicast Service
MCC	Mobile Country Code
ME	Mobile Equipment
MexE	Mobile Execution Environment
MGCF	Media Gateway Control Function
MIME	Multimedia Internet Mail Extension
MIN	Mobile Identity Number (34-bit representing the 10-digit dial number)
MLC	Mobile Location Center
MLD	Multicast Listener Discovery (Ipv6)
MM	Mobile Management Sublayer
MM	Multimedia Message (MMS)
MMS	Multimedia Messaging Service
MMS	Mobility Management Subsystem
MNC	Mobile Network Code
M.O.	Managed Object
MO	Mobile Originated
MO-LR	Mobile Originating Location Request (LCS)
MOU	Memorandum of Understanding (GSM operators organization)
MPEG	Moving Picture Expert Group
MPLS	Multi-Protocol Label Switching
MPTY	MultiParTY
MRFC/MRFP	Multimedia (multiparty) Resource Function – Controller/Processor (IMS)
MRU	Maximum Receive Unit (PPP-LCP, value range 64..65525)
MS	Mobile Station
MSB	Most Significant Bit

Cellular Abbreviations

MSC	Mobile Switching Center
MSISDN	Mobile Station ISDN Number
MSIN	Mobile Subscriber Identification Number
MSK	Minimum Shift Keying
MSRN	Mobile Station Roaming Number
MT	Mobile Terminated
MTP	Message Transfer Part (Layers 1-3 of SS7)
MTU	Maximum Transmit Unit (internet fragmentation- default=596 octets)
MWI	Message Waiting Indication (in USIM)
MWIF	Mobile Wireless Internet Forum
MUD	Multi User Detection
NA	Non Applicable
NACC	Network Assisted Cell Change (GERAN)
NAI	Network Address Identifier (RADIUS) RFC 2486
NAMPS	Narrowband AMPS
NAP	Non Applicable
NAS	Non Access Stratum (UMTS)
NAT	Network Address Translation (IP)
NBAP	Node B Application Protocol
NBC	Neighbor Cell(s)
NCH	Notification Channel
NCP	Network Control Protocol (PPP)
NDUB	Network Determined User Busy
NIC	Network Independent Clock
NID	Network Identifier, broadcast in CDMA System Parameter message
NI-LR	Network Induced Location Request
NMC	Network Management Center - responsible for a number of multiple OMC-R and OMC-S
NMS	Network Management System
NNI	Network-Network Interface
NO	Network Operator
NRT	Non Realtime
NRZ	Non Return Zero
NS	Network Services (GPRS)
NSEI	Network Services Endpoint Identity (GPRS)

Cellular Abbreviations

NSS	Network Subsystem (includes MSC, HLR, VLR, EIR etc.)
NT	Non Transparent
NT	Network Termination
Nt	Notification SAP (UMTS)
OA	Origination Address
OAM / O&M	Operation and Maintenance
ODMA	Opportunity Driven Multiple Access (UMTS)
OMA	Open Mobile Alliance
OMC-R	Operation and Management Center for the Radio subsystem
OMC-S	Operation and Management Center for the Switching subsystem
OML	Operation and Maintenance Link (Abis over LAP-D)
OMS	Operation and Maintenance Subsystem of the GSM network
OOS	Out of Scope
OPEX	Operational Expenditure
OPWA	One Pass with Advertizing (RSVP)
ORB	Object Request Broker (CORBA)
OSA	Open Service Access
OSPF	Open Shortest Path First
OTA	Over The Air (activation)
OVSF	Orthogonal Variable Spreading Factor
PABX	Private Automatic Branch Exchange
PACA	Priority Access and Channel Assignment (IS-95B multi level priority)
PACCH	Packet Associated Control Channel (GPRS)
PAD	Packet Assembler/Disassembler
PAGCH	Packet Access Grant Channel (GPRS)
PAP	Password Authentication Protocol (LCP)
PBCCH	Packet Broadcast Control Channel (GPRS)
PBX	Private Branch Exchange
PC	Point Code (SS7)
PCCCH	Packet Common Control Channel (GPRS)
PCCPCH	Primary Common Control Physical Channel
PCF	Positioning Calculation Function (LCS)
PCH	Paging Channel
PCM	Pulse Code Modulation
PCO	Protocol Configuration Options (GTP)

Cellular Abbreviations

PCPCH	Physical Common Packet Channel (UMTS L1)
PCS	Personal Communication System
PCU	Packet Control Unit (GPRS)
PD	Protocol Discriminator
PDA	Personal Digital Assistant
PDC	Personal Digital Cellular
PDCP	Packet Data Compatibility Protocol (UTRAN)
PDCH	Packet Data Channel (GPRS)
PDP	Packet Data Protocol, the external data network protocol context in GPRS.
PDN	Packet Data Network
PDSCH	Physical Downlink Shared Channel (UMTS L1)
PDSN	Packet Data Serving Node (IS-95)
PDSS	Packet Data on Signalling Channels (PDSS1 CC-based, PDSS2 GPRS)
PDTCH	Packet Data Traffic Channel (GPRS)
PDU	Protocol Data Unit (SDU+Header)
PE	Primary Exchange
PE	Physical Entity (IN)
PH	Packet Handler
PHS	Personal Handyphone System
PIAFS	PHS Internet Access Forum Standard
PICH	Paging Indication Channel
PIN	Personal Identity Number
PLMN	Public Land Mobile Network
PMM	Packet Mobility Management (UMTS)
PNCH	Packet Notification Channel for PTM-Multicast (GPRS)
PPCH	Packet Paging Channel (GPRS)
PPP	Point to Point Protocol
PPR	Privacy Profile Register (LCS)
PRACH	Packet Random Access Channel (GPRS)
PRCF	Position Radio Coordination Function (LCS)
PRN	Provide Roaming Number
PS	Packet Switched
PSCCCH	Physical Shared Common Control Channel (UMTS L1)
PSI	Public Service Identifier (IMS)

Cellular Abbreviations

PSK	Phase Shift Keying
PSMM	Pilot Strength Measurement Message (IS-95)
PSPDN	Packet Switched Public Data Network
PSTN	Public Switched Telephone Network
PTM	Point to Multipoint
PTP	Point to Point
PTT	Push To Talk, a microphone with manual activation.
PU	Payload Unit (UMTS)
PUF	Power Up Function (IS-95B location service)
PUK	PIN Unblocking Code
PVC	Permanent Virtual Circuit (X.25 or FRMR)
QAM	Quadrature Amplitude Modulation
QoS	Quality of Service
QPSK	Quadrature Phase Shift Keying
RA	Rate Adaptation. For the different RA functions see relevant chapter.
RA	Routing Area (GPRS)
RA0	Rate Adaptation 0 – from asynchrony to fixed modem rates
RA1'	Rate Adaptation from modem rates to GSM inter-rates 3.6/6/12 kbps.
RA1	Rate Adaptation from modem rates to ISDN inter-rates in 8/16 kbps.
RA2	Rate Adaptation between RA1 (8/16 kbps) and the 64 kbps.
RAB	Radio Access Bearer (UTRAN)
RAC	Routing Area Code (GPRS)
RACH	Random Access Channel
RADIUS	Remote Access Dial In User Service
RAI	Routing Area Identifier
RAN	Radio Access Network
RANAP	Radio Access Network Application Part (UTRAN)
RAS	Remote Access Server
RAS	Registration, Administration and Status services
RAT	Radio Access Technology (UMTS)
Rate Set 1	Rates of 9600, 4800, 2400 and 1200 bps (IS-95)
Rate Set 2	Rates of 14400, 7200, 3600 and 1800 bps (IS-95)
RB	Radio Bearer (UTRAN)
RDF	Resource Description Framework
RDI	Restricted Digital Interface (over 56 kbit/s environment)

Cellular Abbreviations

RFC	Request for Comments
RFE	Routing Function Entity (UMTS, RRC)
RFR	Ready For Receive (RS-232 133)
RIL i	Radio Interface Layer i
RIP	Routing Information Protocol
RLC	Radio Link Control (GPRS/UMTS)
RLP	Radio Link Protocol. This function is used for non-transparent data to send reliably the data over the air.
RLS	Radio Link-Set (E-DCH, all members of the active-set)
RNC	Radio Network Controller (UMTS)
RNS	Radio Network Subsystem (UMTS)
RNSAP	RNS Application Part (UTRAN)
RNTI	Radio Network Temporary Identity (UMTS)
ROHC	Robust Header Compression (RFC 3095/6)
RPLMN	Registered PLMN
RR	Radio Resource sublayer
RRC	Radio Resource Control (UMTS)
RSL	Radio Signalling Link (Abis over LAPD)
RSCP	Received Signal Code Power (UMTS L1)
RSSI	Radio Signal Strength Indication
RSVP	Resource Reservation Protocol
RT	Real Time
RTCP	RTP Control Protocol – QoS feedback from RTP endpoints.
RTP	Real-time Transport Protocol
RTS	Ready to Send (RS-232)
RTSP	Real Time Streaming Protocol
RTT	Round Trip Time (LCS)
RTT	Radio Transmission Technology (IMT-2000 proposal)
SABP	Service Area Broadcast Protocol (UMTS)
SACCH	Slow Associated Control Channel (GSM)
SACF	Single Association Control Function (IN)
SAP	Service Access Point
SAPI	Service Access Point Identifier – (in GSM == DLCI)
SAR	Segmentation and Reassembly sublayer (ATM)
SAT	SIM Application Toolkit

Cellular Abbreviations

SCCP	Signalling Connection Control Part. (Transport level protocol of SS7)
SCCH	Synchronization Control Channel
SCF/SCP	Service Control Function / Point
SCH	Synchronization Channel
SCRM	Supplemental Channel Request Message (IS-95B)
SCS	Service Capability Server (VHE)
SCTP	Stream Control Transport Protocol (sigtran)
SDCCH	Stand-alone Dedicated Control Channel
SDL	Software Development Language
SDMA	Space Division Multiple Access
SDP	Session Description Protocol (SIP)
SDT	Service Data Table (IN)
SDU	Service Data Unit
SE	Selector Element
SF	Spreading Factor
SFN	System Frame Number
SGSN	Serving GPRS Serving Node
SHO	Soft Handover
SI	System Information message (GSM)
SIB	System Information Block (UMTS)
SIB	Service Independent Building Block (IN)
SID	System Identifier; broadcast in CDMA System Parameter message
SIFIC	Send Information For Incoming Call (MAP)
SIFOC	Send Information For Outgoing Call (MAP)
SII	Service Interaction Indicator (CAMEL)
SIM	Subscriber Identity Module
SIP	Session Initiation Protocol
SIR	Signal to Interference Ratio
SLA	Service Level Agreement
SLF	Server Locator Function (UMTS IM Core)
SLP	Service Logic Program (IN)
SM	Session Management sublayer (GPRS)
SMDS	Switched Multi-megabit Data Service
SME	Short Message Entity
SMIL	Synchronized Multimedia Integration Language (REC-smil20)

Cellular Abbreviations

SMPP	Short Message Peer-to-Peer Protocol
SMS	Short Messages Service
SMS-SC/SMSC	SMS Service Center
SMSCB	Short Message Service Cell Broadcast
SMTP	Simple Message Transfer Protocol
SN	Serving Network
SO	Service Option
SOAP	Simple Object Access Protocol (XML based remote operations)
SP	Service Provider
SPC	Stored Program Control
SQN	Sequence Number (UMTS security)
SRB	Signalling Radio Bearer (UTRAN)
SRF	Specialized Resource Function (IN)
SRI	Send Routing Information (MAP)
SRNC	Serving Radio Network Controller
SS	Supplementary Service sublayer
SS7	No.7 Signalling System
SSL	Secure Socket Layer (internet)
SSP/SSF	Signalling Switching Function / Point
ST	Signalling Tone (AMPS 10 kHz)
STC	Signalling Transfer Converter (ALCAP AAL2L3)
STD	Space Time Diversity
STM	Synchronous Transfer Mode
STP	Signalling Transfer Point (SS7)
STTD	Space Time Transmit Diversity
SUA	SCCP User Adaptation layer (sigtran)
SVC	Switched Virtual Circuit
SW	Software
T / NT	Transparent / no-transparent
TA	Timing Advance
TA	Terminal Adapter
TAC	Type Approval Code (part of the IMEI).
TAF	Terminal Adapter Function.
TAI	Timing Advance Index (GPRS)
TBF	Temporary Block Flow (GPRS)

Cellular Abbreviations

TC	Transcoder
TCAP	Transaction Capabilities Application Part (SS7)
TCE	Traffic Channel Element
TCH	Traffic Channel
TCM	Trellis Coded Modulation (V.32 and V.34 Modems)
TCP	Transmission Control Protocol (Internet)
TDD	Time Division Duplex (UMTS)
TDMA	Time Division Multiple Access
TDP	Trigger Detection Point (IN)
TD-SCDMA	Time Division – Synchronous CDMA (TDD Low Chip Rate (1.28 Mcps) - the Chinese Radio Access Network)
TE	Terminal Equipment. User equipment such as laptop connected to the mobile equipment.
TE1	Terminal Equipment with support of S interface.
TE2	Terminal Equipment, which does not support the S interface and connect to the user terminal through the R reference point.
TEID	Tunnel Endpoint Identifier (UMTS)
TFCI	Transport Format Combination Indicator (UMTS)
TFCS	Transport Format Combination Set (UMTS)
TFI	Temporary Frame Identity (GPRS) / Indicator (UMTS)
TFO	Tandem Free Operation
TFS	Transport Format Set (UMTS)
TFT	Traffic Flow Template (GPRS)
THIG	Topology Hiding Inter-Gateway (IMS)
TIA	Telecom Industry Association (USA)
TID	Transaction Identifier (SS7)
TIFF	Tag Image File Format
TINA	Telecom Information Network Architecture
TLLI	Temporary Link Layer Identity (GPRS).
TM	Transparent Mode (RLC)
TMGI	Temporary Mobile Group ID (MBMS)
TMN	Telecom Management Network
TMSI	Temporary Mobile Station Identifier
ToA	Time of Arrival
TPC	Transmit Power Control (UMTS L1)
TRAU	Transcoder / Rate-Adaptation Unit

Cellular Abbreviations

TS	Tele-service
TSAS	Telecom Services Access and Subscription (TINA adopted by OMG)
TUP	Telephone User Part (SS7)
UA	User Agent (IMS)
UAProf	WAP User Agent Profile (CC/PP RDF format used by WAP/MExE)
UDI	Unrestricted Digital Interface (over 64 kbit/s environment)
UDP	User Datagram Protocol (Internet)
UDT	Unitdata (SS7)
UDUB	User Determined User Busy
UE	User Equipment (UMTS)
UICC	UMTS Integrated Circuit Card
UL	Uplink
Um	Mobile U interface (Radio)
UM	Unacknowledged Mode (RLC)
UMTS	Universal Mobile Telecommunications System
UNI	User Network Interface
UPC	Usage Parameter Control (UMTS)
URA	UTRAN Registration Area (UMTS)
URI	Unified Resource Identifier
URL	Unified Resource Locator
USCH	Uplink Shared Channel (UMTS)
USF	Uplink State Flag (GPRS)
USIM	User Subscriber Identity Module (UMTS)
USSD	Unstructured Supplementary Service Data
USTS	Uplink Synchronous Transmission Scheme (UMTS)
UTC	Universal Time Co-ordinated
UTRAN	UMTS Terrestrial Radio Access Network (UMTS)
UWCC	Universal Wireless Communications Consortium (closed 12.2001)
VASp	Value Added Service provider
VBR	Variable Bit Rate (ATM)
VBS	Voice Broadcast Service
VC	Virtual Circuit
VCC	Virtual Channel Connection
VCI	Virtual Circuit Identifier
VGCS	Voice Group Call Service

Cellular Abbreviations

VGS	Voice Group Service
VHE	Virtual Home Environment
VLR	Visitors Location Register
VMSC	The Visited MSC
VopIP	Voice over Internet Protocol
VPC	Virtual Path Connection
PLMN	The Visited PLMN
VSELP	Vector Sum Excited Linear Predictive (IS-54B TDMA vocoder)
WAE	Wireless Application Environment (WAP)
WAP	Wireless Application Protocol
WARC	World Administrative Radio Conference (WARC-92 3G band allocation)
WBMP	Wireless Bit Map format (WAP)
WDP	Wireless Datagram Protocol (WAP)
WGW	WAP Gateway
WIM	WAP Identity Module
WIMS	Wireless Local Loop Multimedia and Messaging services (IS-665)
WIN	Wireless Intelligent Networks
WLAN	Wireless Local Area Network
WLL	Wireless Local Loop
WML	Wireless Markup Language (WAP)
WPP	WAP Push Proxy
WSDL	Web Service Definition Language (Web message interface description used by OSA)
WSN	Wireless LAN Serving Node
WSP	Wireless Session Protocol (WAP)
WTA	Wireless Telephony Application (WAP)
WTLS	Wireless Transport Layer Security (WAP)
WTP	Wireless Transaction Protocol (WAP)
WWW	World Wide Web
XHTML	Extensible HyperText Markup Language (WAP2)
XML	Extensible Mark-up Language