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A	interface between BSS and GSM-NSS	FR	Frame Relay
AAL	ATM Adaptation Layer	G_b	interface between BSS and SGSN
A_{bis}	interface between BTS and BSC	G_c	interface between GGSN and HLR
AC	Authentication Center	G_d	interface between SGSN and GMSC
AMPS	Advanced/American Mobile Phone Service	G_i	interface between GGSN and external PDN
ANSI	American National Standards Institute	G_f	interface between SGSN and EIR
ATM	Asynchronous Transfer Mode	GGSN	Gateway GPRS Support Node
ATS	Abstract Test Suite	GMM	GPRS Mobility Management
AuC	Authentication Center	GMSC	Gateway MSC
BEC	Backward Error Correction	G_n	interface between SGSN and GGSN
BHCA	Busy Hour Call Attempt(s)	G_p	interface between SGSN and GGSN of external PLMN
BSC	Base Station Controller	GPRS	General Packet Radio Service
BSS	Base Station Subsystem	G_r	interface between SGSN and HLR
BSSGP	Base Station Subsystem GPRS Protocol	G_s	interface between SGSN and VMSC/VLR
BTS	Base Transceiver Station	GSM	Global System for Mobile Communications
CAMEL	Customized Application for Mobile Enhanced Logic	GSN	GPRS Support Node
CCS7	Common control signaling system No 7 (SS7)	GTP	GPRS Tunneling Protocol
CCU	Channel Codec Unit	GTT	Global Title Translation
CM	Connection Management	HLR	Home Location Register
CN	Core Network	HR	Half Rate
CS	Circuit Switched	HSCSD	High Speed Circuit Switched Data
CT	Conformance Test	HTTP	Hypertext Transmission Protocol
DL	Downlink	IMT-2000	International Mobile Telephony 2000
DLCI	Direct Link Connection Identifier	IP	Internet Protocol
DNS	Domain Name Server	ISP	Internet Service Provider
DTE	Data Terminal Equipment	ITU	International Telecommunication Union
E1	2.048 kbps	IUT	Implementation Under Test
EDGE	Enhanced Data Rates for GSM Evolution	kbps	kilobits per second
EIR	Equipment Identity Register	LLC	Logical Link Control
EFR	Enhanced Full Rate	MAC	Medium Access Control
ETR	ETSI Technical Report	MAP	Mobile Application Part
ETS	Executable Test Suite	MM	Mobility Management
ETSI	European Telecommunication Standards Institute	MS	Mobile Station
		MSC	Mobile Switching Center

GPRS Protocol Testing in the Wireless World

► Primer

MTC	Mobile Terminating Call	TID	Tunnel Identifier
MTP	Message Transfer Part	TRAU	Transcoder and Rate Adaptor Unit
NE	Network Element	TRX	Transceiver
NMT	Nordic Mobile Telephony	UDP	User Datagram Protocol
NS-VC	Network Service - Virtual Connection	Um	air interface
NSS	Network Switching Subsystem	UMTS	Universal Mobile Telecommunication Service
OS	Operations System	UP	Uplink
OSS	Operation Subsystem	USF	Uplink State Flag
PCU	Packet Control Unit	UTRAN	UMTS Terrestrial Radio Access Network
PDN	Public Data Network	VC	Virtual Connection
PDP	Packet Data Protocol	VLR	Visitor Location Register
PDU	Protocol Data Unit	VMSC	Visited MSC
PICS	Protocol Implementation Conformance Statement	W-CDMA	Wideband CDMA, Wideband Code Division Multiple Access
PIXIT	Protocol Implementation eXtra Information for Testing		
PLMN	Public Land Mobile Network		
QoS	Quality of Service		
RLC	Radio Link Control		
RFC	Request for Comment		
SAP	Service Access Point		
SAPI	Service Access Point Identifier		
SCCP	Signaling Connection Control Part		
SDU	Service Data Unit		
SGSN	Serving GPRS Support Node		
SM	Session Management		
SMS	Short Message Service		
SNDCP	Subnetwork Dependent Convergence Protocol		
SS7	Signaling System Number 7		
SUT	System Under Test		
TBF	Temporary Block Flow		
TBI	Temporary Block Identifier		
T1	1544 kbps		
TACS	Total Access Communication System		
TCP	Transmission Control Protocol		
TCAP	Transaction Capabilities Application Part		