

Glossary

This appendix defines the acronyms used for Asynchronous Transfer Mode (ATM) internetworking.

Acronym	Definition
AAL	ATM adaptation layer
ABR	available bit rate
ACM	address complete message
ACT	Activity bit
Ai	signaling ID assigned by exchange A
AIM	ATM inverse multiplexer
AIR	additive increase rate
AIS	alarm indication signal
AIS-E	alarm indication signal-external
ANI	automatic number identification
ANM	answer message
APPN	Advanced Peer-to-Peer Networking
ARE	all-routes explorer
ASE	application service element
ASP	abstract service primitive
ATD	asynchronous time division
ATM	Asynchronous Transfer Mode

Acronym	Definition
ATMARP	ATM Address Resolution Protocol
ATS	abstract test suite
AUU	ATM User-to-User
B-ICI	broadband inter carrier interface
B-ICI SAAL	B-ICI signaling ATM adaptation layer
B-ISDN	Broadband Integrated Services Digital Network
B-ISUP	broadband ISDN user's part
B-LLI	broadband low layer information
B-NT	broadband network termination
B-TE	broadband terminal equipment
BBC	broadband bearer capability
BCBDS	broadband connectionless-data-bearer service
BCOB	Broadband Class of Bearer
BECN	Backward Explicit Congestion Notification
BER	bit error rate
BGP	Border Gateway Protocol
BGT	broadcast and group translators
Bi	signaling ID assigned by exchange B
BIP	bit interleaved parity
BISDN	Broadband Integrated Services Digital Network
BISSI	broadband interswitching system interface
BN	bridge number
BOF	birds of feather
BOM	beginning of message
BOOTP	bootstrap protocol
BPDU	bridge protocol data unit
BPP	bridge port pair

Acronym	Definition
BSVC	Broadcast Switched Virtual Connections
BT	burst tolerance
BTAG	begin tag
BUS	broadcast and unknown server
BW	bandwidth
CA	cell arrival
CAC	connection admission control
CBDS	connectionless broadband data service
CBR	constant bit rate
CBR interactive	constant bit rate interactive
CBR noninteractive	constant bit rate noninteractive
CC	continuity cell
CCR	current cell rate
CCS	common channel signaling
CCSS7	common channel signaling system 7
CDT	cell-delay tolerance
CDV	cell-delay variation
CDVT	cell-delay variation tolerance
CEI	connection endpoint identifier
CER	cell error ratio
CES	circuit emulation service
CI	congestion indicator
CIP	carrier identification parameter
CIR	committed information rate
CL	connectionless
CLP	cell loss priority
CLR	cell loss ratio

Acronym	Definition
CLS	connectionless server
CLSF	connectionless service function
CMR	cell misinsertion rate
CN	copy network
CNM	customer network management
CO	connection oriented
COD	connection oriented data
COM	continuation of message
COS	class of service
CPCS	common part convergence sublayer
CPG	call progress message
CPI	common part indicator
CPN	customer premises network
CPN	calling party number
Crankback IE	crankback information element
CRCG	common routing connection group
CRF(VC)	virtual channel connection related function
CRF(VP)	virtual path connection related function
CS	convergence sublayer
CS1	capability set one
CS2	capability set two
CSI	convergence sublayer indication
CSPDN	circuit switched public data network
CSR	cell missequenced ratio
CSU	channel service unit
CTD	cell transfer delay
CTV	cell tolerance variation

Acronym	Definition
DD	depacketization delay
DMDD	distributed multiplexing distributed demultiplexing
DN	distribution network
DS	distributed single layer test method
DS3 PLCP	physical layer convergence procedure
DSE	distributed single layer embedded test method
DSID	destination signaling identifier
DSS2	setup digital subscriber signaling #2
DTL IE	DTL information element
DXI	data exchange interface
EFCI	explicit forward congestion indication
ELAN	emulated local area network
EOM	end of message
ESI	end system identifier
ETAG	end tag
ETE	end-to-end
EXM	exit message
FC	feedback control
FEBE	far end block error
FEC	forward error correction
FERF	far end receive failure
FRS	frame relay service
FUNI	frame user network interface
GAP	generic address parameter
GCID	global call identifier
GCID-IE	global call identifier-information element
GCRA	generic cell rate algorithm

Acronym	Definition
GFC	generic flow control
GRC	generic reference configuration
HEC	header error control
HEC	header error check
HEL	header extension length
HLPI	higher layer protocol identifier
HOL	head of line
IAA	initial address acknowledgment
IAM	initial address message
IAR	initial address reject
IC	initial cell rate
ICD	international code designator
IDU	interface data unit
IE	information element
IISP	Interim Interswitch Signaling Protocol
ILMI	Interim Local Management Interface
IOP	interoperability
Ipng	internet protocol next generation
IUT	implementation under test
IWF	interworking function
IWU	interworking unit
LANE	local area network emulation
LAPD	link access procedure on the D channel
LB	leaky bucket
LD	LAN destination
LE_ARP	LAN emulation address resolution protocol
LEC	LAN emulation client

Acronym	Definition
LECID	LAN emulation client identifier
LECS	LAN emulation configuration server
LES	LAN emulation server
LIJP	leaf initiated join parameter
LIV	link integrity verification
LLATMI	lower-layer ATM interface
LLC	logical link control
LLC/SNAP	logical link control/subnetwork access protocol
LOC	loss of cell delineation
LOF	loss of frame
LOS	loss of signal
LSR	leaf setup request
LT	lower tester
LTH	length field
MA	maintenance and adaptation
MBS	maximum burst size
MCR	minimum cell rate
MCTD	mean cell transfer delay
ME	mapping entity
MID	message identifier
MIN	multistage interconnection networks
MIR	maximum information rate
MMF	multimode fiber-optic cable
MRCS	multirate circuit switching
MS	meta signaling
MSAP	management service access point
MSN	monitoring cell sequence number

Acronym	Definition
MSVC	meta-signaling virtual channel
MT	message type
MTP	message transfer part
NE	network element
NHRP	next hop resolution protocol
NNI	network-network interface
NPC	network parameter control
NRM	network resource management
NRT	nonreal time
NSR	nonsource routed
NT	network termination
OAM	operations, administration, and maintenance
OLI	originating line information
OOF	out of frame
OPCR	original program clock reference
OSID	origination signaling identifier
OSPF	Open Shortest Path First
PCO	point of control and observation
PCR	peak cell rate
PCR	program clock reference
PCVS	point-to-point switched virtual connections
PD	packetization delay
PDH	plesiochronous digital hierarchy
PICS	protocol implementation conformance statement
PID	protocol identifier governing connection types
PIXIT	protocol implementation extra information for testing
PL	physical layer

Acronym	Definition
PLL	phase locked loop
PLPC	Physical Layer Convergence Protocol
PM	physical medium
PNNI	Private Network-Network Interface
POH	path overhead
POI	path overhead indicator
PT	payload type
PTI	payload type identifier
PVC	permanent virtual circuit
PVCC	permanent virtual channel connection
PVPC	Permanent Virtual Path Connection
QD	queuing delay
QOS	quality of service
QPSX	queue packet and synchronous circuit exchange
RAI	remote alarm indication
RC	routing control
RD	Route Descriptor
RDF	rate decrease factor
RDI	remote defect identification
RDI	remote defect indication
REL	release message
RI	routing information
RISC	reduced instruction set computing
RLC	release complete
RM	resource management
ROLC	routing over large clouds
RSVP (protocol)	Resource Reservation Protocol

Acronym	Definition
RT	routing type
SA	source MAC address
SA	source address
SAAL	signaling ATM adaptation layer
SAP	service access point
SAR	segmentation and reassembly
SCCP	signaling connection and control part
SCP	service control point
SCR	sustainable cell rate
SDH	synchronous digital hierarchy
SDU	service data unit
SE	switching element
SEAL	simple and efficient adaptation layer
SF	switching fabric
SGM	segmentation message
SID	signaling identifier
SIR	sustained information rate
SMC	sleep mode connection
SMF	single-mode fiber
SN	sequence number
SOH	section overhead
SPTS	single program transport stream
SR	source routing (bridging)
SRF	specifically routed frame
SRTS	synchronous residual time stamp
SSCF	service specific coordination function
SSCOP	Service Specific Connection Oriented Protocol

Acronym	Definition
SSCS	service specific convergence sublayer
ST	segment type
STE	spanning tree explorer
STM	synchronous transfer mode
STM1	synchronous transport module level 1-- 155Mbits/sec
STP	signaling transfer point
STS	synchronous time stamps
STS-3c	synchronous transport single-Level 3, concatenated
SUT	system under test
SVC	switched virtual circuit
SVCI	switched virtual circuit identifier
SVP	switched virtual path
SWG	subworking group
TB	transparent bridging
TC	transaction capabilities
TC	transmission convergence
TCAP	transaction capabilities applications part
TCI	test cell input
TCO	test cell output
TCP	test coordination procedure
TCS	transmission convergence sublayer
TDJ	transfer delay jitter
TLV	type / length / value
TM	traffic management
TM SWG	traffic management subworking group
TMP	Test Management Protocol
TNS	transit network selection

Acronym	Definition
TPCC	third party call control
TS	traffic shaping
TS	time stamp
TS	transport stream
TS	time slot
TSAP	transport service access point
UBR	unspecified bit rate
UME	UNI management entity
UNI	User-Network Interface
UT	upper tester
UTOPIA	universal test and operations PHY interface for ATM
VBR	variable bit rate
VBR delay sensitive	variable bit rate delay sensitive
VBR delay tolerant	variable bit rate delay tolerant
VBR noninteractive	variable bit rate noninteractive
VC	virtual channel (virtual circuit)
VC-Multiplexing	virtual channel multiplexing
VCC	virtual channel connection
VCI	virtual circuit identifier
VCI	virtual connection identifier
VCI	virtual channel identifier
VLAN	virtual local-area network
VP	virtual path
VP/VC	virtual path, virtual Circuit
VPC	virtual path connection

Acronym	Definition
VPCI/VCI	virtual path connection identifier/virtual channel identifier
VPI	virtual path identifier
VS	virtual scheduling

