

Appendix A

APPENDIX

A.1 Acronyms and Abbreviations

Acronyms and abbreviations used in this paper are described here.

AAL	ATM adaptation layer
ABR	Available bit rate
ACK	Acknowledgement
ACR	Allowed cell rate
ADTF	ACR decrease time factor
AL	Alignment
ATM	Asynchronous transfer mode
B-ISDN	Broadband integrated services digital network
BASize	Buffer allocation size
BECN	Backward explicit congestion notification
BN	Backward notification
BOM	Beginning of message
BRM	Backward resource management
Btag	Beginning tag
CA	Congestion avoidance phase
CAC	Call admission control
CBR	Constant bit rate
CCR	Current cell rate
CDF	Cutoff decrease factor
CDV	Cell delay variation
CDVT	Cell delay variation tolerance
CES	Circuit emulation services
CI	Congestion indication
CLNP	Connectionless network protocol
CLP	Cell loss priority
CLR	Cell loss ratio
COM	Continuation of message
CPCS	Common part convergence sublayer
CPI	Common part indicator
CPE	Customer premises equipment

CRC	Cyclic redundancy check
CRM	Missing RM cell count
CS	Convergence sublayer
CSI	Convergence sublayer indication
CTD	Cell transfer delay
CWND	Congestion window
DES	Destination end system
DIR	Direction
DQDB	Distributed queue dual bus
DS	Digital signal
EFCI	Explicit forward congestion indication
EOM	End of message
EOP	End of packet
EPD	Early packet discard
ER	Explicit cell rate
Etag	End tag
FA	Frame alignment signal
FDDI	Fiber distributed data interface
FEC	Forward error correction
FRM	Forward resource management
FRR	Fast retransmission and recovery
FRTT	Fixed round trip time
GFC	Generic flow control
HEC	Header error control
ICR	Initial cell rate
ILMI	Integrated (or interim) local management interface
IP	Internet protocol
ISDN	Integrated services digital network
ISO	International standards organization
ITU	International telecommunications union
ITU-T	ITU telecommunications standardization sector
LAN	Local area network
LECS	LAM emulation configuration server
LI	Length indicator
MBS	Maximum burst size
MCR	Minimum cell rate
MID	Multiplexing identifier
MSB	Most significant bit
MSS	Maximum segment size
MTU	Maximum transfer unit
NI	No increase
NNI	Network to network interface or network to node interface
nrt-VBR	Non-real-time VBR
NT	Network terminator
OC-n	Optical carrier level n
OAM	Operations, administration and maintenance
OSI	Open systems interconnection

PAD	Padding
PCI	Protocol control information
PCR	Peak cell rate
PDH	Plesiochronous digital hierarchy
PDPD	Probabilistic delayed packet discard
PDU	Protocol data unit
PLCP	Physical layer convergence protocol
PNNI	Private network-network interface
POH	Path overhead
POI	Path overhead identifier
PM	Physical medium
PPD	Partial packet discard
PRM	Protocol reference model
PT	Payload type
PTI	Payload type indicator
PVC	Permatent virtual connection
QL	Queue length
QoS	Quality of service
RA	Request/acknowledge
RCVWND	Receiver's window
RDF	Rate decrease factor
RIF	Rate increase factor
RM	Resource management
RP	Restricted part
rt-VBR	Real-time VBR
RTS	Residual time stamp
RTT	Round trip time
SAAL	Signaling AAL
SAP	Service access point
SAR	Segmentation and reassembly
SCR	Sustainable cell rate
SDH	Synchronous digital hierarchy
SDU	Service data unit
SEAL	Simple efficient adaptation layer
SES	Source end system
SMDS	Switched multimegabit digital services
SN	Sequence number
SNP	Sequence number protection
SONET	Synchronous Optical Network
SPE	Synchronous payload envelope
SRTS	Synchronous residual time stamp
SS	Slow start phase
SS7	Signaling system number 7
SSCS	Service specific convergence sublayer
SSM	Single segment message
SSTHRESH	Slow start threshold
ST	Segment type

STM	Synchronous transfer mode
STM-1	Synchronous transport module level 1
STS-1	Synchronous transport signal level 1
SVC	Switched virtual connection
TA	Terminal adaptor
TBE	Transient buffer exposure
TC	Transmission convergence
TCP	Transmission control protocol
TCR	Tagged cell rate
TDM	Time division multiplexing
TE	Terminal equipment
UNI	User to network interface
UBR	Unspecified bit rate
UPC	Usage parameter control
UU	User-to-user indication
VBR	Variable bit rate
VC	Virtual channel
VCC	Virtual channel connection
VCI	Virtual channel identifier
VD	Virtual destination
VoA	Voice over ATM
VP	Virtual path
VPC	Virtual path connection
VPI	Virtual path identifier
VS	Virtual source
WAN	Wide area network