



ATIS-1000644.1995(R2015)

Broadband ISDN – Meta-Signalling Protocol

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American National Standard

for telecommunications –
broadband ISDN –
meta-signalling protocol

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1 Scope

This standard defines the B-ISDN meta-signalling protocol (Version 1) that is used to establish and maintain user-network signalling connections that are applicable for multipoint configurations at the S_B or T_B reference points.

2 Normative references

The following standard contains provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

ITU-T Recommendation Q.2120, *B-ISDN meta-signalling protocol*, 1994¹⁾

¹⁾ Available from the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.

3 Definitions

The following terminology is used within this document.

3.1 meta-signalling virtual channel: A virtual channel that is used to convey meta-signalling messages across a UNI.

4 Abbreviations and acronyms

ATM	Asynchronous Transfer Mode
BCD	Binary Coded Decimal
B-ISDN	Broadband Integrated Services Digital Network
BSVC	Broadcast Signalling Virtual Channel
BSVCI	Broadcast Signalling Virtual Channel Identifier
CAU	Cause

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CDV	Cell Delay Variation	RI	Reference Identifier
CLP	Cell Loss Priority	SAP	Service Access Point
CRC	Cyclic Redundancy Check	SBVCI	Selective Broadcast Channel Virtual Channel Identifier
GBSVC	General Broadcast Signalling Virtual Channel	SCON	Signalling Configuration
GBSVCI	General Broadcast Signalling Virtual Channel Identifier	SPID	Service Profile Identifier
LME	Layer Management Entity	SVC	Signalling Virtual Channel
MSPE	Meta-signalling Protocol Entity	SVCI	Signalling Virtual Channel Identifier
MSVC	Meta-signalling Virtual Channel	SVCIA	Signalling Virtual Channel Identifier A
MSVCI	Meta-signalling Virtual Channel Identifier	SVCIB	Signalling Virtual Channel Identifier B
MT	Message Type	UMSPE	User Meta-signalling Protocol Entity
NMSPE	Network Meta-signalling Protocol Entity	VC	Virtual Channel
OAM	Operations And Maintenance	VCI	Virtual Channel Identifier
PCR	PSVC Cell Rate	VP	Virtual Path
PD	Protocol Discriminator	VPI	Virtual Path Identifier
PSVC	Point-to-point Signalling Virtual Channel		
PSVCI	Point-to-point Signalling Virtual Channel Identifier		
PV	Protocol Version		

5 Requirements

The American National Standard for B-ISDN meta-signalling protocol shall be the ITU-T Recommendation text for Q.2120, *B-ISDN meta-signalling protocol*, 1994.