



SLOVENSKI STANDARD
SIST ETS 300 455-1 E1:2003
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Širokopasovno digitalno omrežje z integriranimi storitvami (B-ISDN) – Storitve širokopasovne navidezne poti (BVPS) – 1. del: BVPS za stalne komunikacije (BVPS-P)

Broadband Integrated Services Digital Network (B-ISDN); Broadband Virtual Path Service (BVPS); Part 1: BVPS for Permanent communications (BVPS-P)

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ICS:

33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)
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Broadband Integrated Services Digital Network (B-ISDN);
Broadband Virtual Path Service (BVPS);
Part 1: BVPS for Permanent communications (BVPS-P)

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Network Aspects (NA) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS defines stage one of the Broadband Virtual Path Service (BVPS) for a Broadband Integrated Services Digital Network (B-ISDN), as provided by European public telecommunication operators.

This ETS consists of 2 parts as follows:

Part 1: "BVPS for Permanent communications (BVPS-P)".

Part 2: "BVPS for Reserved communications (BVPS-R)".

Transposition dates	
Date of adoption of this ETS:	31 August 1995
Date of latest announcement of this ETS (doa):	30 November 1995
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 May 1996
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1 Scope

This European Telecommunication Standard (ETS) defines the stage 1 of the Broadband Virtual Path Service for Permanent communications (BVPS-P) for a Broadband Integrated Services Digital Network (B-ISDN), as provided by European public telecommunication operators.

Part 2 of this ETS (ETS 300 455-2 [13]) defines the stage 1 of the Broadband Virtual Path Service for Reserved communications (BVPS-R) for a Broadband Integrated Services Digital Network (B-ISDN), as provided by European public telecommunication operators.

This ETS does not specify the additional requirements where the service is provided to the user via a telecommunication network that is not a B-ISDN, but it does include requirements for interworking of other networks with a B-ISDN.

This ETS is applicable to stage two and stage three standards for the BVPS-P. The terms "stage two" and "stage three" are also defined in CCITT Recommendation I.130 [4]. Where the text indicates the status of a requirement (i.e. as strict command or prohibition, as authorisation leaving freedom, or as a capability or possibility), this shall be reflected in the text of the relevant stage two and stage three standards.

Furthermore, conformance to this ETS is met by conforming to the stage three standards with the field of application appropriate to the equipment being implemented. Therefore, no method of testing is provided for this ETS.

Charging principles and management operations are outside the scope of this ETS.

The BVPS-P provides the transfer of unrestricted digital information between T_B - or S_B/T_B reference points. It does not preclude the applicability of the BVPS-P to S_B .

The provision of the BVPS-P is based on the use of Asynchronous Transfer Mode (ATM) Virtual Path (VP) connections in a B-ISDN.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

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|-----|---|
| [1] | CCITT Recommendation E.164 (1991): "Numbering plan for the ISDN era". |
| [2] | ITU-T Recommendation I.112 (1993): "Vocabulary of terms for ISDNs". |
| [3] | ITU-T Recommendation I.113 (1993): "Vocabulary of terms for broadband aspects of ISDN". |
| [4] | CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN". |
| [5] | ITU-T Recommendation I.140 (1993): "Attribute technique for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN". |
| [6] | ITU-T Recommendation I.150 (1993): "B-ISDN asynchronous transfer mode functional characteristics". |
| [7] | ITU-T Recommendation I.356 (1993): "B-ISDN ATM layer cell transfer performance". |