SLOVENSKI STANDARD
SIST EN 300 771-1 V2.0.1:2005

01-januar-2005

ü]fc_cdUgcj bc˙X][ ]Hʹbcˑca fYÿˆY˙n˙]bhY[f]fUb]a]˙ghcf]hj Ua]˙f6 !=G8 BŁˑËˑDfchˑc_ˑ X][ ]HʹbYˑbUfc b]ý_Yˑg][bUʹ]nUWˆYˆÿHˑˑ&ˑfB GG&ŁˑËˑGdYWZ_UWˆUˑhfYhˆYˑdˑUghˑj a Ygb]_U i dcfUVb]_!ca fYÿˆYˑ6 !=G8 BˑnUˑfa]ˑˆYbˆY˙_]WUɥbcg]ˑWUˑcXˑhc _YˑXcˑjY ˑhc _ˑËˑ%ˑXYˑ GdYWZ_UWˆUˑdfchˑc_ˑUˑQdf]dcfc]ˑcˑ=HI !HˑEˑ"&ˑ+%fɕ -)Łzˑgdf fYa Yb ˆYˑbcQ

Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2971 (1995), modified]

Ta slovenski standard je istoveten z: **EN 300 771-1 Version 2.0.1**

ICS:

33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)

SIST EN 300 771-1 V2.0.1:2005   **en**
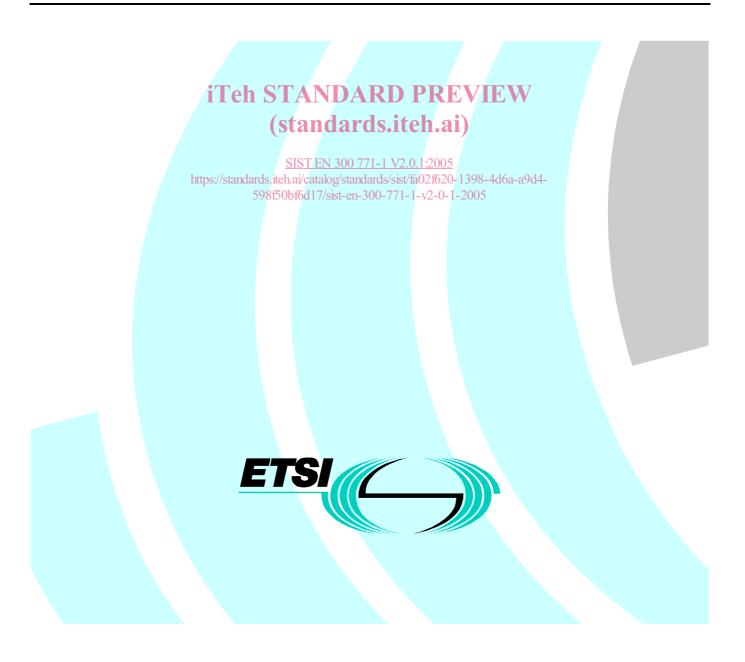
iTeh STANDARD PREVIEW
(standards.iteh.ai)

ETSI EN 300 771-1 V2.0.1 (2000-04)

European Standard (Telecommunications series)

Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control; Part 1: Protocol specification

[ITU-T Recommendation Q.2971 (1995), modified]

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ETSI

Reference
REN/SPAN-05217

Keywords
bearer, B-ISDN, control, DSS2, layer 3, protocol,
UNI

ETSI

Postal address
F-06921 Sophia Antipolis Cedex - FRANCE

Office address
650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00   Fax: +33 4 93 65 47 16
Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Internet
secretariat@etsi.fr
Individual copies of this ETSI deliverable
can be downloaded from
http://www.etsi.org
If you find errors in the present document, send your
comment to: editor@etsi.fr

ETSI

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://www.etsi.org/ipr).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN).

The present document is part 1 of a multi-part EN covering the Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control, as described below:

> **Part 1:** **"Protocol specification [ITU-T Recommendation Q.2971 (1995), modified]";**
>
> Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification";
>
> Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification for the user";
>
> Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user";
>
> Part 5: "Test Suite Structure and Test Purposes (TSS&TP) specification for the network";
>
> Part 6: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the network".

National transposition dates	
Date of adoption of this EN:	21 April 2000
Date of latest announcement of this EN (doa):	31 July 2000
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 January 2001
Date of withdrawal of any conflicting National Standard (dow):	31 January 2001

Endorsement notice

The elements of ITU-T Recommendation Q.2971 (1995), modified by its corrigendum 1 [15] (1999) apply, with the following modifications:

Page 1, clause 1

Replace clause 1 by:

1   Scope

The present document specifies the stage three of on-demand connection-oriented point-to-multipoint unidirectional single bearer connection release 1 basic telecommunication services for the pan-European Broadband Integrated Services Digital Network (B-ISDN) as provided at the T_B reference point or coincident S_B and T_B reference point (as defined in ITU-T Recommendation I.413 [2]) by means of the Digital Subscriber Signalling System No. two (DSS2) protocol. Stage three identifies the protocol procedures and switching functions needed to support a telecommunications service (see CCITT Recommendation I.130 [1]).

In addition, the present document specifies the protocol requirements at the T_B reference point where the service is provided to the user via a private B-ISDN.

> NOTE: Procedures at the T_B reference point, to support the access of a private B-ISDN to the public B-ISDN, are **not** explicitly identified in the present document, however, some procedures are applicable only at the T_B reference point.

A basic Telecommunications service is a service to which supplementary services may be added.

Further parts of the present document provide the method of testing and detailed application specific requirements to determine conformance to the present document.

The present document is applicable to equipment supporting connection-oriented basic B-ISDN telecommunication services, to be attached at either side of a T_B reference point or coincident S_B and T_B reference points when used as an access to the public B-ISDN.

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Page 1, clause 2

Replace clause 2 by:

2   References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.

- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

[1]   CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN".

[2]   ITU-T Recommendation I.413 (1993): "B-ISDN user-network interface".

[3]   ETSI ETS 300 437-1: "Broadband Integrated Services Digital Network (B-ISDN); Signalling ATM Adaptation Layer (SAAL); Service Specific Co-ordination Function (SSCF) for support of signalling at the User-Network Interface (UNI); Part 1: Specification of SSCF at UNI [ITU-T Recommendation Q.2130 (1995), modified]".

[4]   ETSI EN 300 443-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for basic call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2931 (1995), modified]".

[5]   ETSI ETS 300 661-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Direct Dialling In (DDI) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 1 (1995), modified]".

[6]   ETSI ETS 300 662-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Multiple Subscriber Number (MSN) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 2 (1995), modified]".

[7]   ETSI ETS 300 663-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Calling Line Identification Presentation (CLIP) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 3 (1995), modified]".

[8]   ETSI ETS 300 664-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Calling Line Identification Restriction (CLIR) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 4 (1995), modified]".

[9]   ETSI ETS 300 665-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connected Line Identification Presentation (COLP) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 5 (1995), modified]".

[10]   ETSI ETS 300 666-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connected Line Identification Restriction (COLR) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 6 (1995), modified]".

[11]   ETSI ETS 300 667-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Subaddressing (SUB) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 8 (1995), modified]".

[12]   ETSI ETS 300 668-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; User-to-User Signalling (UUS) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2957, clause 1 (1995), modified]".

[13]   ETSI ETS 300 685-1: "Broadband Integrated Services Digital Network (B-ISDN); Usage of cause and location in Digital Subscriber Signalling System No. two (DSS2) and Signalling System No.7 B-ISDN User Part (B-ISUP) [ITU-T Recommendation Q.2610 (1995), modified]".

[14]   ETSI ETS 300 770-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Closed User Group (CUG) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2955.1 (1996), modified]".

[15]   ITU-T Recommendation Q.2971 (1999) corrigendum 1: "Switching and signalling Broadband ISDN; B-ISDN application protocols for access signalling".

Throughout the text of ITU-T Recommendation Q.2971

Replace references as shown in the following table:

Reference Q.2971	Modified reference
ITU-T Recommendation Q.2130	ITU-T Recommendation Q.2130 as modified by ETS 300 437-1 [3]
ITU-T Recommendation Q.2610	ITU-T Recommendation Q.2610 as modified by ETS 300 685 [13]
ITU-T Recommendation Q.2931	ITU-T Recommendation Q.2931 as modified by EN 300 443-1 [4]
ITU-T Recommendation Q.2951.1	ITU-T Recommendation Q.2951.1 as modified by ETS 300 661-1 [5]
ITU-T Recommendation Q.2951.2	ITU-T Recommendation Q.2951.2 as modified by ETS 300 662-1 [6]
ITU-T Recommendation Q.2951.3	ITU-T Recommendation Q.2951.3 as modified by ETS 300 663-1 [7]
ITU-T Recommendation Q.2951.4	ITU-T Recommendation Q.2951.4 as modified by ETS 300 664-1 [8]
ITU-T Recommendation Q.2951.5	ITU-T Recommendation Q.2951.5 as modified by ETS 300 665-1 [9]
ITU-T Recommendation Q.2951.6	ITU-T Recommendation Q.2951.6 as modified by ETS 300 666-1 [10]
ITU-T Recommendation Q.2951.8	ITU-T Recommendation Q.2951.8 as modified by ETS 300 667-1 [11]
ITU-T Recommendation Q.2955.1	ITU-T Recommendation Q.2955.1 as modified by ETS 300 770-1 [14]
ITU-T Recommendation Q.2957.1	ITU-T Recommendation Q.2957.1 as modified by ETS 300 668-1 [12]

iTeh STANDARD PREVIEW

(standards.iteh.ai)

Page 2, clause 3

Add the following note:

NOTE: ITU-T Recommendations frequently use the term "connection". ETSI has decided to use the term "bearer" instead (i.e. if this term is used in the context of a bearer for a connection-oriented bearer service).

Page 16, subclause 8.2.4

The cause values in 3.2/Q.2610 as modified by ETS 300 685 [13] are applicable.

Page 23, subclause 9.5.3.2.1, item(d)

Replace the reference "5.6.7.2/Q.2931" by "5.6.7.1/Q.2931 as modified by EN 300 443-1".

Page 35, clause 12

Add the following text:

Interaction with the CUG supplementary service:

ETS 300 770-1 [14] shall apply.

Page 36, annex A

Delete annex A. It does not form part of this ETS.

Page 37, annex B

Annex B has the status of a normative annex.

Page 37, annex C

Annex C has the status of a normative annex.

Page 46, annex D

Annex D has the status of a normative annex.

Page 51, annex E

Annex E has the status of a normative annex.

Page 53, annex F

Annex F has the status of an informative annex.

Page 85, Call-Control-N (sheet 28 of 39)

Replace "RELEASE req." by "Release req.".

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Page 104, Party-Control-N (sheet 9 of 13), states PN1, PN2, PN3, PN4, PN6 and PN7

The DROP PARTY message shall only be able to be received by a Party-Control-N process in the states PN2, PN3, PN4, PN7.

Page 161, Party-Control-U (sheet 9 of 13), states PU1, PU2, PU3, PU4, PU6 and PU7

The DROP PARTY message shall only be able to be received by a Party-Control-U process in the states PU2, PU3, PU4, PU7.

Page 167, appendix I

Appendix I has the status of an informative annex.

Page 170, appendix II

Appendix II has the status of an informative annex.