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**Broadband Integrated Services Digital Network (B-ISDN);
Signalling ATM Adaptation Layer (SAAL);
Service Specific Co-ordination Function (SSCF) for
support of signalling at the Network Node Interface (NNI);
Part 1: Specification of SSCF at NNI**

[ITU-T Recommendation Q.2140 (1995), modified]

ETSI

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS is part 1 of a multi-part standard covering the Service Specific Co-ordination Function (SSCF) for support of signalling at the Network Node Interface (NNI) for the Broadband Integrated Services Digital Network (B-ISDN) as described below:

Part 1: "Specification of SSCF at NNI [ITU-T Recommendation Q.2140, modified]";

Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification".

NOTE: Further parts covering conformance testing will be identified later.

Transposition dates	
Date of adoption of this ETS:	17 November 1995
Date of latest announcement of this ETS (doa):	28 February 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 August 1996
Date of withdrawal of any conflicting National Standard (dow):	31 August 1996

Endorsement notice

The text of ITU-T Recommendation Q.2140 (1995) was approved by ETSI as an ETS with agreed modifications as given below.

NOTE: New or modified text is indicated using sidebars. In addition, underlining and/or strike-out are used to highlight detailed modifications where necessary.

Page 1, clause 1

Replace clause 1 by:

1 Scope

This European Telecommunication Standard (ETS) specifies the Service Specific Co-ordination Function (SSCF) for support of signalling at the Network Node Interface (NNI) for the pan-European Broadband Integrated Services Digital Network (B-ISDN) as provided by European public telecommunications operators.

The SSCF at NNI is a function which is part of the Signalling ATM Adaptation Layer (SAAL) at the NNI of the B-ISDN. This function is used to map the service of the Service Specific Connection Oriented Protocol (SSCOP) of the AAL to the needs of layer 3 protocols for signalling across the NNI.

This ETS covers the aspects of the SSCF of the complete AAL structure for signalling applications at the NNI defined in ITU-T Recommendation Q.2100 [8], and describes the relationship to the protocol entity for network signalling specified in ETS 300 008 [11] and the SSCOP specified in ETS 300 436-1 [12].

This ETS is applicable to equipment to be attached at either side of the B-ISDN NNI when B-ISDN signalling is to be supported.

Page 1, clause 2, first paragraph

Replace the first paragraph of clause 2 by:

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.

Page 1, clause 2

Insert the following references at the end of clause 2:

- [11] ETS 300 008: "Integrated Services Digital Network (ISDN); Signalling System No.7; Message Transfer Part (MTP) to support international interconnection".
- [12] ETS 300 436-1: "Broadband Integrated Services Digital Network (B-ISDN); Signalling ATM Adaptation Layer (SAAL); Service Specific Connection Oriented Protocol (SSCOP); Part 1: Protocol specification [ITU-T Recommendation Q.2110 (1995), modified]".

Throughout the text of ITU-T Recommendation Q.2140

Replace references as shown in the following table.

Reference in ITU-T Recommendation Q.2140	Modified reference
ITU-T Recommendation Q.704 [6]	ITU-T Recommendation Q.704 as modified by ETS 300 008 [11]
ITU-T Recommendation Q.2110 [9]	ITU-T Recommendation Q.2110 as modified by ETS 300 436-1 [12]

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Page 17, clause 11, table 5/Q.2140

Insert the following note at the end of table 5/Q.2140 and apply it to the default values of Timer T3 and n1:

NOTE 4: Depending on the delay-bandwidth product, these values may have to be adjusted.

Pages 30 to 35, annex A

Delete annex A. It is substituted by ETS 300 438-2.

Pages 36 to 37, appendix I

Appendix I has the status of an informative annex.

Pages 38 to 40, appendix II

Appendix II has the status of an informative annex.

Pages 41 to 61, appendix III

Appendix III has the status of an informative annex.

History

Document history			
August 1994	Public Enquiry	PE 68:	1994-08-08 to 1994-12-02
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