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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 User-Network Interface (UNI);
Part 1: Specification of SSCF at UNI**

[ITU-T Recommendation Q.2130 (1995), modified]

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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 User-Network Interface (UNI) for the Broadband Integrated Services Digital Network (B-ISDN) as described below:

Part 1: "Specification of SSCF at UNI [ITU-T Recommendation Q.2130, 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.2130 (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 User-Network Interface (UNI) for the pan-European Broadband Integrated Services Digital Network (B-ISDN) as provided by European public telecommunications operators.

The SSCF at UNI is a function which is part of the Signalling ATM Adaptation Layer (SAAL) at the UNI 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 access signalling across the UNI.

This ETS covers the aspects of the SSCF of the complete AAL structure for signalling applications at the UNI defined in ITU-T Recommendation Q.2100 [8], and describes the relationship to the protocol entity for access signalling specified in ETS 300 443-1 [12] and the SSCOP specified in ETS 300 436-1 [11].

This ETS is applicable to equipment to be attached at either side of the B-ISDN UNI when B-ISDN access 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 300 436-1: "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]".
- [12] ETS 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]".

Throughout the text of ITU-T Recommendation Q.2130

Replace references as shown in the following table.

Reference in ITU-T Recommendation Q.2130	Modified reference
ITU-T Recommendation Q.2110 [9]	ITU-T Recommendation Q.2110 as modified by ETS 300 436-1 [11]
ITU-T Recommendation Q.2931 [5]	ITU-T Recommendation Q.2931 as modified by ETS 300 443-1 [12]

Page 5, table 1/Q.2130, note

Delete the note in table 1/Q.2130 related to AAL-ESTABLISH.request, AAL-ESTABLISH.indication, AAL-ESTABLISH.confirm, AAL-RELEASE.request and AAL-RELEASE.indication primitives.

The support of Parameter Data in these primitives is a mandatory requirement of SSCF, even if the protocol entity in the layer above may not use this parameter.

Page 9, table 2/Q.2130, note b)

Delete note b) in table 2/Q.2130 related to AA-ESTABLISH.request, AA-ESTABLISH.indication, AA-ESTABLISH.confirm, AA-RELEASE.request, AA-RELEASE.indication, AA-RESYNC.request and AA-RESYNC.indication primitives.

The support of SSCOP-UU parameter in these primitives is a mandatory requirement of SSCF, even if the protocol entity in the layer above may not use this parameter.

Page 14, table 3/Q.2130, note 6

Replace note 6 in table 3/Q.2130 by:

NOTE 6: Where "null" encodings of the AAL-parameter "Parameter Data" or the AA-parameter "SSCOP-UU" appear, this implies that the parameter is absent.

The support of Parameter Data and SSCOP-UU parameter, respectively, in the primitives is a mandatory requirement of SSCF, even if the protocol entity in the layer above may not use this parameter.

Page 15, table 4/Q.2130, note 2

Delete note 2 in table 4/Q.2130 related to the j (Maximum SSCOP-UU size).

The support of SSCOP-UU parameter is a mandatory requirement, and the default value for the maximum SSCOP-UU size, j, as defined in table 4/Q.2130 shall apply.

Pages 15 to 20, annex A

Delete annex A. It is substituted by ETS 300 437-2.

Pages 20 to 21, annex B

Annex B has the status of a normative annex.

Pages 22 to 54, appendix I

Appendix I has the status of an informative annex.

History

Document history			
August 1994	Public Enquiry	PE 68:	1994-08-08 to 1994-12-02
September 1995	Vote	V 87:	1995-09-11 to 1995-11-03
November 1995	First Edition		