

Draft **ETSI EN 301 816-1** V1.1.1 (2000-07)

European Standard (Telecommunications series)

**Broadband Integrated Services Digital Network (B-ISDN);
AAL type 2 Signalling protocol;
Capability Set 1;
Part 1: Protocol specification**

[ITU-T Recommendation Q.2630.1 (1999), modified]



Reference

DEN/SPAN-05211-1

Keywords

B-ISDN, AAL, protocol, CS1

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN), and is now submitted for the ETSI standards One-step Approval Procedure.

The present document is part 1 of a multi-part standard covering the User-Network Interface (UNI) and the Network-Network Interface (NNI) signalling protocol specification for the Broadband Integrated Services Digital Network (B-ISDN) for AAL type 2 bearer connection control, as described below:

- Part 1:** "**Protocol specification [ITU-T Recommendation Q.2630.1 (1999), 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".

Proposed national transposition dates	
Date of latest announcement of this EN (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

Endorsement notice

ITU-T Recommendation Q.2630.1 (1999) applies, with the following editorial modifications:

Clause 1 (Scope)

Modify Clause 1 as follows:

Replace the first paragraph with:

The present document specifies the signalling protocol applicable between AAL type 2 nodes and describes nodal functions that are used to control AAL type 2 point-to-point bearer connections.

The AAL type 2 signalling protocol specified in the present document is usable in switched and non-switched environments and can operate in public or private networks over a range of signalling transport protocol stacks.

It also provides maintenance capabilities, carriage of user-plane protocol stack information and carriage of an identifier to link the connection control protocol with other higher layer control protocols.

The present document describes the AAL type 2 signalling protocol that supports the dynamic establishment and release of individual AAL type 2 point-to-point bearer connections. It also describes the maintenance procedures, the framework of the protocol, and the interactions between an AAL type2 signalling protocol entity and:

- the signalling protocol user;
- a signalling transport converter; and
- the layer management.

Further parts of the present document specify the method of testing required to identify conformance to the present document.

Clause 2.1 (Normative references)

Replace the first paragraph with:

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.

Annex A (Support for non-switched scenario)

This annex is informative.

History

Document history			
V1.1.1	July 2000	One-step Approval Procedure	OAP 20001124: 2000-07-26 to 2000-11-24