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European Standard (Telecommunications series)

**Integrated Services Digital Network (ISDN);
Signalling System No.7 (SS7);
ISDN User Part (ISUP);
Application transport mechanism;
Support of the generic addressing and transport protocol;
Part 1: Protocol specification**

[ITU-T Recommendation Q.765.4, modified]



Reference

DEN/SPAN-01094

Keywords

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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 deliverable covering the Integrated Services Digital Network (ISDN); Signalling System No. 7; ISDN User Part (ISUP); Application transport mechanism; Support of the generic addressing and transport protocol, as identified below:

Part 1: "Protocol specification [ITU-T Recommendation Q.765.4, modified]".

Further parts may be produced in the future.

National transposition dates	
Date of adoption of this EN:	9 February 2001
Date of latest announcement of this EN (doa):	31 May 2001
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 November 2001
Date of withdrawal of any conflicting National Standard (dow):	30 November 2001

Endorsement notice

The elements of ITU-T Recommendation Q.765.4 (2000) apply, with the following modifications:

Global modifications to ITU-T Recommendation Q.765.4

Replace the two clauses (Scope and Reference) with the following two clauses:

1 Scope

The present document describes the extensions required for the support of the Generic Addressing and Transport protocol (GAT) mechanism over the public Network Nodal Interface (NNI). This application makes use of the Application Transport Mechanism (APM) described in EN 301 069-1 (V1.3.1) [1] for bearer related signalling, and the Transaction Capability (TC) for signalling involving no bearer. The present document specifies the respective users (i.e. APM-user, TC-user) to support signalling applications using the Generic Addressing and Transport protocol as defined in EN 301 813-1 [2] (ITU-T Recommendation Q.860, modified).

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 and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

- [1] ETSI EN 301 069-1 (V1.3.1): "Integrated Services Digital Network (ISDN); Signalling System No.7 (SS7); ISDN User Part (ISUP); Application transport mechanism; Part 1: Protocol specification [ITU-T Recommendation Q.765, modified]".
- [2] ETSI EN 301 813-1: "Integrated Services Digital Network (ISDN) and Broadband Integrated Services Digital Network (B-ISDN); Generic Addressing and Transport (GAT) protocol; Part 1: Protocol specification [ITU-T Recommendation Q.860 (2000), modified]".
- [3] ETSI EN 300 356-1 (V4.1.1): "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 4 for the international interface; Part 1: Basic services [ITU-T Recommendations Q.761 to Q.764 (2000) modified]".
- [4] ITU-T Recommendation Q.1400 (1993): "Architecture framework for the development of signalling and OA&M protocols using OSI concepts".
- [5] ETSI EN 300 009 (V1.4.2): "Integrated Services Digital Network (ISDN); Signalling System No.7; Signalling Connection Control Part (SCCP) (connectionless and connection-oriented) to support international interconnection; Part 1: Protocol specification [ITU-T Recommendations Q.711 to Q.716 (1996), modified]".
- [6] ETSI ETS 300 134 (1993): "Integrated Services Digital Network (ISDN); Signalling System No.7; Transaction Capabilities Application Part (TCAP)".
- [7] ITU-T Recommendation X.680 (1997) | ISO/IEC 8824-1 (1998): "Information technology - Abstract Syntax Notation One (ASN.1): Specification of basic notation".
- [8] ETSI EN 300 485 (V1.2.3): "Integrated Services Digital Network (ISDN); Definition and usage of cause and location in Digital Subscriber Signalling System No. one (DSS1) and Signalling System No.7 ISDN User Part (ISUP) [ITU-T Recommendation Q.850 (1998), modified]".

Throughout the text of ITU-T Recommendation Q.765.4

Replace references as shown below.

Reference in ITU-T Recommendation Q.765.4	Modified reference	
ITU-T Recommendation Q.765	EN 301 069-1	[1]
ITU-T Recommendation Q.860	EN 301 813-1	[2]
ITU-T Recommendation Q.763	EN 300 356-1	[3]
ITU-T Recommendation Q.764	EN 300 356-1	[3]
ITU-T Recommendation Q.711 to Q.716	EN 300 009	[5]
ITU-T Recommendation Q.771 to Q.775	ETS 300 134	[6]
ITU-T Recommendation Q.850	EN 300 485	[8]

History

Document history		
V1.1.1	October 2000	One-step Approval Procedure OAP 20010209: 2000-10-11 to 2001-02-09
V1.1.1	February 2001	Publication