

Draft **ETSI EN 301 850-1** V1.1.1 (2000-10)

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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]

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**Reference**

DEN/SPAN-01094

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**Keywords**

ISDN, ISUP, NNI, SS7, protocol

**ETSI**

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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 EN covering Integrated Services Digital Network (ISDN); Signalling System No. 7; ISDN User Part (ISUP); Application transport mechanism, as identified below:

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

Further parts may be produced in the future.

<b>Proposed national transposition dates</b>	
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

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## Endorsement notice

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

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# Global modifications to ITU-T Recommendation Q.765.4

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

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## 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 V2 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).

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## 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] ETSI EN 301 069-1 (V1.2.4): "Integrated Services Digital Network (ISDN); Signalling System No.7; 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 modified]".
- [4] ITU-T Recommendation Q.1400 (03/93): "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 (12/97) | 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.

<b>Reference in ITU-T Recommendation Q.765.4</b>	<b>Modified reference</b>	
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]

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## History

<b>Document history</b>		
V1.1.1	October 2000	One-step Approval Procedure OAP 20010209: 2000-10-11 to 2001-02-09