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**Integrated Services Digital Network (ISDN);  
Signalling System No.7;  
ISDN User Part (ISUP) version 2 for the international interface;  
Part 33: Abstract Test Suite (ATS) and partial Protocol  
Implementation eXtra Information for Testing (PIXIT)  
proforma specification for basic services**

**[ITU-T Recommendation Q.784.2 (1997), clauses 2 to 5 and annexes B to C, 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 33 of a multi-part standard covering the ISDN User Part (ISUP) version 2 for the international interface, as described below:

- Part 1: "Basic services";
- Part 2: "ISDN supplementary services";
- Part 3: "Calling Line Identification Presentation (CLIP) supplementary service";
- Part 4: "Calling Line Identification Restriction (CLIR) supplementary service";
- Part 5: "Connected Line Identification Presentation (COLP) supplementary service";
- Part 6: "Connected Line Identification Restriction (COLR) supplementary service";
- Part 7: "Terminal Portability (TP) supplementary service";
- Part 8: "User-to-User Signalling (UUS) supplementary service";
- Part 9: "Closed User Group (CUG) supplementary service";
- Part 10: "Subaddressing (SUB) supplementary service";
- Part 11: "Malicious Call Identification (MCID) supplementary service";
- Part 12: "Conference call, add-on (CONF) supplementary service";
- Part 14: "Explicit Call Transfer (ECT) supplementary service";
- Part 15: "Diversion supplementary services";
- Part 16: "Call Hold (HOLD) supplementary service";
- Part 17: "Call Waiting (CW) supplementary service";
- Part 18: "Completion of Calls to Busy Subscriber (CCBS) supplementary service";
- Part 19: "Three-Party (3PTY) supplementary service";
- Part 31: "Protocol Implementation Conformance Statement (PICS) proforma specification for basic services";
- Part 32: "Test Suite Structure and Test Purposes (TSS&TP) specification for basic services";
- Part 33: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for basic services";**
- Part 34: "PICS proforma specification for supplementary services";
- Part 35: "TSS&TP specification for supplementary services";
- Part 36: "ATS and partial PIXIT proforma specification for supplementary services".

NOTE: Part 13 has been withdrawn.

<b>Transposition dates</b>	
Date of adoption:	23 May 1997
Date of latest announcement of this ETS (doa):	31 March 1998
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 September 1998
Date of withdrawal of any conflicting National Standard (dow):	30 September 1998

## Endorsement notice

The text of ITU-T Recommendation Q.784.2 (1997), clauses 2 to 5 and annexes B to C, 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 strikeout are used to highlight detailed modifications where necessary.

**clause 1**

Replace the complete text of clause 1 by:

**Scope**

This thirty-third part of ETS 300 356 contains the conformance test specification for ISUP version 2 basic call control and signalling procedures as specified in ETS 300 356-1 [15]. It is applicable to all types of exchanges as defined in the reference specification.

This ETS presents the requirements regarding the test method and conventions used within the Abstract Test Suite (ATS), the partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma, the Protocol Conformance Test Report proforma and the ATS written in Tree and Tabular Combined Notation (TTCN).

NOTE: The TTCN.GR and the TTCN.MP representation are located in an archive file named 356X\_E1.LZH which accompanies this ETS.

**clause 2**

Insert the following references at the end of clause 2:

- [15] ETS 300 356-1 (1995): "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 2 for the international interface; Part 1: Basic services".
- [16] ETS 300 121 (1992): "Integrated Services Digital Network (ISDN); Application of the ISDN User Part (ISUP) of CCITT Signalling System No.7 for international ISDN interconnections (ISUP version 1)".
- [17] ETS 300 485 (1995): "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 (1993), modified]".

**Throughout the text of ITU-T Recommendation Q.784.2**

Replace references as shown in the following table.

Reference in ITU-T Recommendation Q.784.2	Modified reference
ITU-T Recommendation Q.761 [1]	ITU-T Recommendation Q.761 modified by ETS 300 356-1 [15]
ITU-T Recommendation Q.762 [2]	ITU-T Recommendation Q.762 modified by ETS 300 356-1 [15]
ITU-T Recommendation Q.763 [3]	ITU-T Recommendation Q.763 modified by ETS 300 356-1 [15]
ITU-T Recommendation Q.764 [4]	ITU-T Recommendation Q.764 modified by ETS 300 356-1 [15]
ITU-T Recommendation Q.767 [5]	ETS 300 121 [16]
ITU-T Recommendation Q.850 [6]	ITU-T Recommendation Q.850 modified by ETS 300 485 [17]

Replace the term "ISUP'92" by "ISUP version 2".

## History

Document history			
July 1996	Public Enquiry	PE 109:	1996-07-08 to 1996-11-01
March 1997	Vote	V 9720:	1997-03-18 to 1997-05-16
December 1997	First Edition		