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STANDARD

ETS 300 485

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**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]

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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).

Transposition dates	
Date of adoption of this ETS:	29 December 1995
Date of latest announcement of this ETS (doa):	30 April 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 October 1996
Date of withdrawal of any conflicting National Standard (dow):	31 October 1996

Endorsement notice

The text of ITU-T Recommendation Q.850 (1993) 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, subclause 1.1

Insert the following clause after subclause 1.1:

Normative references

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 amendments or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 356-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 2 for the international interface; Part 1: Basic services [ITU-T Recommendations Q.761 to Q.764 (1993), modified]".
- [2] ETS 300 356-2: "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 2 for the international interface; Part 2: ISDN supplementary services [ITU-T Recommendation Q.730 (1993), modified]".
- [3] ETS 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".

Throughout the text of ITU-T Recommendation Q.850

Replace references as shown below.

Reference in ITU-T Recommendation Q.850	Modified reference
ITU-T Recommendation Q.730	ITU-T Recommendation Q.730 as modified by ETS 300 356-2 [2]
ITU-T Recommendation Q.763	ITU-T Recommendation Q.763 as modified by ETS 300 356-1 [1]
ITU-T Recommendation Q.931	ITU-T Recommendation Q.931 as modified by ETS 300 403-1 [3]

Page 1, figure 1/Q.850

Add the applicability of note 1 to the Recommendation field, i.e. modify figure1/Q.850 as follows:

8	7	6	5	4	3	2	1		
								Octet (note 3)	
								Q.931	Q.763
0/1 ext.	Coding standard		0 Spare	Location				3	1
1 ext.	Recommendation (<u>notes 1 and 2</u>)							3a*	
1 ext.	Cause value							4	2
Diagnostic(s) (if any)								5*	3*

Page 4, table 1/Q.850 (sheet 1 of 8), cause #17

Add in column "Application": CCBS.

Add in column "Reference": ETS 300 356-18.

Page 7, table 1/Q.850 (sheet 4 of 8), cause #34

Add in column "Diagnostics": CCBS indicator.

Add in column "Application": CCBS.

Add in column "Reference": ETS 300 356-18.

Page 11, table 1/Q.850 (sheet 8 of 8), cause #110

Add in column "Reference": 2.9.5.2/Q.764, 2.9.5.3/Q.764.

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Add the following clause:

ETSI DSS1 cause values

The coding of octets 3 and 5 is the same as defined for ITU-T standardized cause values.

Coding standard (octet 3, bits 7 and 6) shall be coded "10" (national standard).

It is recommended that in allocating national cause values (octet 4), the classification used for the ITU-T coding standard is used also for the national standard. In coding the specific cause values, the principle shown below should be followed.

Class	Value	
7 6 5	4 3 2 1	
X X X	0 X X X	national standard
X X X	1 X X X	ETSI standard

History

Document history			
January 1995	Public Enquiry	PE 76:	1995-01-02 to 1995-04-28
October 1995	Vote	V 90:	1995-10-23 to 1995-12-15
January 1996	First Edition		