

Final draft **ETSI EN 300 485** V1.3.1 (2001-01)

---

*European Standard (Telecommunications series)*

**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 (SS7) ISDN User Part (ISUP)**

[ITU-T Recommendation Q.850 (05/98) with addendum modified]

---



---

**Reference**

REN/SPAN-01096

---

**Keywords**

ISDN, DSS1, ISUP, SS7

**ETSI**

650 Route des Lucioles  
F-06921 Sophia Antipolis Cedex - FRANCE

---

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C  
Association à but non lucratif enregistrée à la  
Sous-Préfecture de Grasse (06) N° 7803/88

---

**Important notice**

Individual copies of the present document can be downloaded from:

<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at <http://www.etsi.org/tb/status/>

If you find errors in the present document, send your comment to:  
editor@etsi.fr

---

**Copyright Notification**

No part may be reproduced except as authorized by written permission.  
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2001.  
All rights reserved.

---

## Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://www.etsi.org/ipr>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

---

## 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 Vote phase of the ETSI standards Two-step Approval Procedure.

<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

---

## Endorsement notice

The elements of ITU-T Recommendation Q.850 (05/98) and its addendum apply, with the following modifications.

## Global modifications to ITU-T Recommendation Q.850 (05/98), and its addendum

Insert the following clause (normative references) at the start of clause 7:

### 2 Normative 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 300 356-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 3 for the international interface; Part 1: Basic services [ITU-T Recommendations Q.761 to Q.764 (1997), modified]".
- [2] ETSI EN 300 356-2: "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 3 for the international interface; Part 2: ISDN supplementary services [ITU-T Recommendation Q.730 (1997), modified]".
- [3] ETSI EN 300 403-1 (1999): "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 (05/98), and its addendum

Replace references as shown in table 1.

**Table 1**

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

### Page 4, table 1/Q.850

Add the following cause value to the table:

Cause			Definition	Diagnostics	Application	Reference	Location	Remarks
Class	Value	No.						
001	1000	24	Call rejected due to ACR supplementary service		DSS1/ISUP	XXX	RLN	

## Page 17, subclause 2.2.7.1.17

Add the following subclause to clause 2.2.7.1:

2.2.7.1.17bis: Cause No.24 – Call rejected due to ACR supplementary service.

This cause indicates that the call has been rejected due to anonymous call reject supplementary service (ACR) at the destination.

## Page 22

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.

<b>Class</b>	<b>Value</b>	
<b>7 6 5</b>	<b>4 3 2 1</b>	
X X X	0 X X X	national standard
X X X	1 X X X	ETSI standard

---

# History

<b>Document history</b>		
Edition 1	January 1996	Publication as ETS 300 485
V1.2.3	October 1999	Publication
V1.3.1	September 2000	Public Enquiry PE 20010112: 2000-09-13 to 2001-01-12
V1.3.1	January 2001	Vote V 20010330: 2001-01-29 to 2001-03-30