AMENDMENT

ETS 300 196-1
A1

May 1995

Source: ETSI TC-SPS

Reference: RE/SPS-05067-1

ICS: 33.080

Key words: ISDN, supplementary service

This amendment A1 modifies
the European Telecommunication Standard ETS 300 196-1 (1993)

Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE
Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE
X.400: c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

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

Foreword

This amendment to ETS 300 196-1 (1993) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

NOTE: ETS 300 196-1 (1993) was initially published as ETS 300 196 (1993).

This amendment takes over all changes contained in prior corrigenda, i.e. editorial modifications of subclauses 8.2.2.4 and 8.3.1.1.1, clause D.7 and annex G of ETS 300 196-1 (1993).

Furthermore, this amendment contains changes to subclauses 8.3.2.1.2.2 and 11.2.2.1, and clause D.4 of ETS 300 196-1 (1993) in order to clarify some issues in relation with the encoding of ASN.1 data structures, to take into account the definition of two new teleservices (the File Transfer and Access Management (FTAM) teleservice and the Eurofile transfer teleservice), and to correct some editorial mistakes.

Transposition dates	
Date of latest announcement of this amendment (doa):	31 August 1995
Date of latest publication or endorsement of this amendment (dop/e):	29 February 1996
Date of withdrawal of any conflicting National Standard (dow):	29 February 1996

Amendments

Page 24, subclause 8.2.2.4, note 2

Replace note 2 by:

"NOTE 2: This problem code shall not be used if all values (data elements) which are neither optional nor have default values assigned are correctly received (see subclause 8.4.2)."

Page 24, subclause 8.3.1.1.1, first paragraph, second sentence

Delete:

"For transport any call control message (...) in a Facility information element."

Replace by:

"For transport, any call control message as defined in ETS 300 102-1 [13] subclause 3.1 (except STATUS, STATUS ENQUIRY and NOTIFY, see subclause 11.2.2.1 of this ETS), and the messages defined in subclause 11.1.1 of this ETS, may be used to carry the components in a Facility information element."

Page 28, subclause 8.3.2.1.2.2, first paragraph:

Replace "#100" with "#101".

Page 57, subclause 11.2.2.1

Insert the following text after the last paragraph:

"NOTE: The following guidelines apply for the application of the different length encodings:
- the short form definitive length encoding should be used to indicate the length of a data value with a length less than 128 octets;
- when the long form definitive length encoding is used, the minimum number of octets should be used;
- OCTET STRING and BIT STRING values should be encoded in a primitive form.

Receiving entities shall be able to interpret all forms of length encoding of the ASN.1 basic encoding rules."

Page 95, clause D.4

Insert the following text after the second paragraph:

"The various Q.931 information elements may appear in any order within a parameter of type Q931InformationElement. The order of appearance of repeated bearer capability and high layer compatibility information elements shall be according to ETS 300 267-1 [16], subclause 5.3, items a) and b)."

Page 96, table D.5

Replace table D.5 by:

High layer compatibility (octet 4)	**Bearer capability (octet 3) (note 1)**					
	Speech **00000 (note 1)**	**3,1 kHz audio** **10000 (note 1)**	**Unrestricted digital information** **01000 (note 1)**	**Unrestricted digital information with tones/ announcements** **10001 (notes 1 & 6)**	**Unrestricted digital information** **01000 (note 9)**	**Other**
Telephony (000 0001)	Telephony 3,1 kHz (note 5)	Audio 3,1 kHz	Unrestricted digital information	Telephony 7 kHz (note 5)	Multirate	(note 4)
Facsimile Group 2/3 (000 0100)	Speech	Telefax Group 2/3 (note 5)	Unrestricted digital information	(note 7)	Multirate	(note 4)
Facsimile Group 4 class 1 (010 0001)	Speech	Audio 3,1 kHz	Telefax Group 4 class 1 (note 5)	(note 7)	Multirate	(note 4)
Teletex Basic mode (011 0001)	Speech	Audio 3,1 kHz	Teletex (note 5)	(note 7)	Multirate	(note 4)
Videotex (011 0010)	Speech	Audio 3,1 kHz	Videotex syntax based (note 5)	(note 7)	Multirate	(note 4)
Audiovisual (110 0000)	Speech	Audio 3,1 kHz	Videotelephony (notes 2 & 5)	Video telephony (note 3,5)	Multirate	(note 4)
Eurofile transfer (100 0001) (note 8)	Speech	Audio 3,1 kHz	Eurofile transfer	(note 7)	Multirate	(note 4)
FTAM application (100 0010)	Speech	Audio 3,1 kHz	File transfer access and management	(note 7)	Multirate	(note 4)
Other or no HLC present	Speech	Audio 3,1 kHz	Unrestricted digital information	(note 7)	Multirate	(note 4)

NOTE 1: In this case, octet 4 of the Bearer capability information element is encoded with "circuit mode" and "64 kbit/s".
NOTE 2: Used for the second connection of the video telephony teleservice.
NOTE 3: Used for the first connection of the video telephony teleservice.
NOTE 4: The use of other information transfer capabilities shall be rejected.
NOTE 5: If the indicated teleservice is not supported by the network, then the basic service related to the bearer service shall apply.
NOTE 6: In ETS 300 102-1 [13] known as "7 kHz audio".
NOTE 7: No defined appropriate ETSI basic service. Networks and users may implement an appropriate bearer service which is outside the scope of this ETS.
NOTE 8: This codepoint is defined for the coding standard "national standard".
NOTE 9: In this case, octet 4 of the Bearer capability information element is encoded with "circuit mode" and "multirate".

Page 97, table D.6

Replace table D.6 by:

```
Basic-Service-Elements {ccitt identified-organization etsi(0) 196 basic-service-elements(8)}

DEFINITIONS EXPLICIT TAGS ::=

BEGIN

EXPORTS             BasicService;

BasicService        ::= ENUMERATED {
                            allServices (0),
                            speech (1),
                            unrestrictedDigitalInformation (2),
                            audio3k1Hz (3),
                            unrestrictedDigitalInformationWithTonesAndAnnouncements (4),
                            multirate(5),
                            telephony3k1Hz (32),
                            teletex (33),
                            telefaxGroup4Class1 (34),
                            videotexSyntaxBased (35),
                            videotelephony (36),
                            telefaxGroup2-3 (37),
                            telephony7kHz (38),
                            euroFileTransfer (39),
                            fileTransferAndAccessManagement (40)}

END -- of Basic-Service-Elements
```

NOTE: The result of using the value "allServices" for the control of supplementary services shall be identical to the subsequent use of the individual basic services the user has subscribed to and for which the supplementary service applies and is subscribed to at the point of time the request is received.

Page 99, table D.8

Change "StatusRequest-operation(1)" to "statusRequest-operation(1)", i.e.:

```
statusRequest StatusRequest ::=  {ccitt identified-organization etsi(0) 196
                                  status-request-procedure(9) statusRequest-operation(1)}

END -- Status-Request-Procedure
```

Page 105, annex G, last line

Change "StatusRequest-Operation(1)" to "statusRequest-operation(1)", i.e.:

"{ccitt identified-organization etsi (0) 196 status-request-procedure(9) statusRequest-operation(1)}"

History

Document history	
August 1993	First Edition
January 1994	Corrigendum to First Edition
April 1994	Corrigendum to First Edition (including prior Corrigendum)
May 1995	Amendment to First Edition (including prior Corrigenda)
March 1996	Converted into Adobe Acrobat Portable Document Format (PDF)

ISBN 2-7437-0120-X - Amendement 1
Dépôt légal : Mai 1995