AMENDMENT

ETS 300 102-1
A2

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This amendment A2 modifies
the European Telecommunication Standard ETS 300 102-1 (1990)

Integrated Services Digital Network (ISDN); User-network interface layer 3 Specifications for basic call control

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Foreword

This Amendment to ETS 300 102-1 (1990) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI) and was adopted after having passed through the ETSI standards approval procedure.

This second Amendment cointains and supersedes the first Amendment. Newly introduced changes are indicated by a revision bar located at the outer margin.

This Amendment contains changes to five subclauses of ETS 300 102-1 (1990) as detailed below:

Subclause 4.5.5: In figure 4.11, one bit has been specified as having the wrong value, due to a transcription error in copying from the CCITT text.

In table 4.6, the CCITT Recommendation Q.931 (1988) modem type codings were left for national specification. Since then, different values have been agreed within CCITT values. After examination of the impact of the CCITT changes, new compromise values have been agreed within ETSI.

Subclause 4.5.16: In table 4.17, in order to align the label of the codepoint used by videotex terminals with that specified in ETS 300 080 (1992), and that specified in ITU-T Recommendation Q.931 (1993).

Urgent alignment of this codepoint is essential as videotex is an ISDN service mentioned within the ISDN MoU.

In addition, a codepoint should also be added to cover international interworking of videotex. This is also in alignment with the one specified in ETS 300 080 (1992), and that specified in ITU-T Recommendation Q.931 (1993).

Subclause 4.5.18: In table 4.18, the CCITT Recommendation Q.931 (1988) modem type codings were left for national specification. Since then, different values have been agreed within CCITT values. After examination of the impact of the CCITT changes new compromise values have been agreed within ETSI.

In table 4.18, CCITT have specified a value of "ISO 7776 DTE-DTE operation" for octet 6 which is not in the current ETS. This has been reflected in CCITT Recommendation T.90 (1992), which is the base document for ETS 300 080 (1992).

Subclause 5.8.7.1: A CCITT amendment should be included in the existing ETS. This amendment has been agreed as the only reasonable solution to this technical flaw in the protocol.

Subclause 5.8.7.2: A CCITT amendment should be included in the existing ETS. This amendment has been agreed as the only reasonable solution to this technical flaw in the protocol.

Full details of the amendments to the above-mentioned subclauses are given below.

Amendments

Page 46, amendment to subclause 4.5.5, figure 4.11: Bearer capability information element

In octet 7, change the value of bits 7 and 6 from "1 0" to "1 1".

Page 53, amendment to subclause 4.5.5, table 4.6 (7 of 7): Bearer capability information element; Modem type (octet 5d)

Replace the current specified values by:

Bits 654321	
000000 through 000101	national use
010001	CCITT Recommendation V.21
010010	CCITT Recommendation V.22
010011	CCITT Recommendation V.22 bis
010100	CCITT Recommendation V.23
010101	CCITT Recommendation V.26
010110	CCITT Recommendation V.26 bis
010111	CCITT Recommendation V.26 ter
011000	CCITT Recommendation V.27
011001	CCITT Recommendation V.27 bis
011010	CCITT Recommendation V.27 ter
011011	CCITT Recommendation V.29
011100	CCITT Recommendation V.32
100000 through 101111	national use
110000 through 111111	user specified

All other values are reserved.

Page 73, amendment to subclause 4.5.16, table 4.17 (2 of 3): High layer compatibility information element; High layer characteristics identification (octet 4)

Change the name of value "011 0010" from "International interworking for Videotex services (Recommendations F.300 and T.101)" to "Syntax-based videotex (Recommendations F.300 and T.102)";

Add a new value "011 0011" entitled "International videotex interworking via gateways or interworking units (Recommendations F.300 and T.101)".

Page 74, amendment to subclause 4.5.16, table 4.17 (3 of 3): High layer compatibility information element; Extended high layer characteristics identification (octet 4a)

Change the name of value "011 0010" from "International interworking for Videotex services (Recommendations F.300 and T.101)" to "Syntax-based videotex (Recommendations F.300 and T.102)";

Add a new value "011 0011" entitled "International videotex interworking via gateways or interworking units (Recommendations F.300 and T.101)".

Page 82, amendment to subclause 4.5.18, table 4.18 (7 of 8): Low layer compatibility information element; Modem type (octet 5d)

Replace the current specified values by:

Bits 654321	
000000 through 000101	national use
010001	CCITT Recommendation V.21
010010	CCITT Recommendation V.22
010011	CCITT Recommendation V.22 bis
010100	CCITT Recommendation V.23
010101	CCITT Recommendation V.26
010110	CCITT Recommendation V.26 bis
010111	CCITT Recommendation V.26 ter
011000	CCITT Recommendation V.27
011001	CCITT Recommendation V.27 bis
011010	CCITT Recommendation V.27 ter
011011	CCITT Recommendation V.29
011100	CCITT Recommendation V.32
100000 through 101111	national use
110000 through 111111	user specified

All other values are reserved.

Page 82, amendment to subclause 4.5.18, table 4.18 (8 of 8): Low layer compatibility information element; User information layer 2 protocol (octet 6)

Add a new value and a NOTE:

Bits 54321	
10001	ISO 7776 DTE-DTE operation (NOTE 3)

NOTE 3: This standard is compatible with CCITT Recommendation X.75 modified by the application rules defined in CCITT Recommendation T.90.

Page 120, amendment to subclause 5.8.7.1, 2nd paragraph, 4th line

Delete: "in which the receiver detected the error".

Replace with: "of the receiver after taking action on the message".

Page 120, amendment to subclause 5.8.7.2, 1st paragraph, 4th line

Delete: "in which the receiver detected the error".

Replace with: "of the receiver after taking action on the message".

History

Document history	
December 1990	First Edition of ETS 300 102-1
April 1993	Amendment 1 to First Edition of ETS 300 102-1
October 1993	Amendment 2 to First Edition of ETS 300 102-1 (including Amendment 1)
December 1995	Converted into Adobe Acrobat Portable Document Format (PDF)
Note :	The references to the changed pages in the standard refer to an old presentation. See history box at the end of the standard itself. The new presentation format applied from 1 December 1995 might have different page numbering. The clause numbering has not changed.