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Frame relay services; Part 3: Frame relay data transmission service; Service definition

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ICS:

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33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)

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New presentation - see History box

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Network Aspects (NA) Technical Committee of the European Telecommunications Standards Institute (ETSI).

The content of this ETS is adapted from CCITT Recommendation I.233.1.

This ETS consists of 4 parts as follows:

Part 1: "Part 1: General description".

Part 2: "Part 2: Integrated Services Digital Network (ISDN); Frame relay bearer service; Service definition".

Part 3: "Part 3: Integrated Services Digital Network (ISDN); Frame relay data transmission service; Service definition".

Part 4: "Part 4: Broadband Integrated Services Digital Network (B-ISDN); Frame relay bearer service; Service definition".

Transposition dates	
Date of latest announcement of this ETS (doa):	30 June 1995
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Introduction

The purpose of this ETS is to describe the network specific aspects of the frame relay service when it is offered on a network to provide the frame relay data transmission service.

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1 Scope

This European Telecommunication Standard (ETS) specifies the network specific aspects of the frame relay service when it is offered on a network to provide the frame relay data transmission service.

This ETS is applicable for all networks providing the frame relay data transmission service. This service is offered on user-network interfaces where the physical layer is unstructured, i.e. at any time, there exists at most a single physical connection on the user-network interface.

This ETS should be complemented with ETS 300 399-1 [1], for the common part of the frame relay service.

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

[1]   ETS 300 399-1: "Frame relay services; Part 1: General description".

[2]   CCITT Recommendation E.164: "Numbering plan for the ISDN era".

[3]   CCITT Recommendation G.703 (1991): "Physical/electrical characteristics of hierarchical digital interfaces".

[4]   CCITT Recommendation G.704 (1991): "Synchronous frame structures used at primary and secondary hierarchical levels".

[5]   ITU-T Recommendation G.957: "Optical interfaces for equipments and systems relating to the digital synchronous hierarchy".

[6]   CCITT Recommendation Q.922: "ISDN data link layer specification for frame mode bearer services".

[7]   ITU-T Recommendation Q.933: "Layer 3 signalling specification for frame mode bearer service".

[8]   ITU-T Recommendation V.24: "List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit-terminating equipment (DCE)".

[9]   ITU-T Recommendation V.28: "Electrical characteristics for unbalanced double-current interchange circuits".

[10]   CCITT Recommendation V.35 (1988): "Data transmission at 48 kbit/s using 60-108 kHz group band circuits".

[11]   CCITT Recommendation X.21: "Interface between data terminal equipment and data circuit-terminating equipment for synchronous operation on public data networks".

[12]   CCITT Recommendation X.24: "List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit-terminating equipment (DCE) on public data networks".

[13]   CCITT Recommendation X.121: "International numbering plan for public data networks".

[14]   ISO 2593: "Data communication- 34 pin DTE/DCE interface connector and pin assignments".