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Foreword

This part of European Telecommunication Standard (ETS) 300 217 has been prepared by the Network Aspects (NA) Technical Committee of the European Telecommunications Standards Institute (ETSI).

According to CCITT Recommendation I.130, the following three level structure is used to describe the characterisation of telecommunication services:

- Stage 1: is an overall service description, from the user's standpoint;

- Stage 2: identifies the functional capabilities and information flows needed to support the service described in stage 1;

- Stage 3: defines the signalling system protocols and switching functions needed to implement the service described in stage 1.

This ETS details the stage 1 aspects for the Connectionless Broadband Data Service (CBDS).

This part constitutes Part 4 of the 4 part ETS on the CBDS, and describes the address screening supplementary service.

A list of informative references is given in Annex A.

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1 Scope

This part of European Telecommnunication Standard (ETS) 300 217 on the Connectionless Broadband Data Service (CBDS) describes the supplementary service address screening of the CBDS. Address screening is a means of the network to enable a user to send data to a list of receivers only and to receive data from a list of senders only. This supplementary service improves the basic security features of the network.

2 Normative references

This ETS incorporates, by dated or 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]   CCITT Recommendation E.164 (1991): "Numbering plan for the ISDN era".

[2]   ETS 300 217-1 (1992): "Network Aspects (NA); Connectionless Broadband Data Service (CBDS) Part 1: Overview".

3 Definitions and abbreviations

3.1 Definitions

The definitions used in this ETS are given in ETS 300 217-1 [2], subclause 3.1.

3.2 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

ATM   Asynchronous Transfer Mode

CBDS   Connectionless Broadband Data Service

CUG   Closed User Group

DA   Destination Address

MAN   Metropolitan Area Network

PDU   Protocol Data Unit

SA   Source Address

T   T reference point

UMI   User MAN Interface

UNI   User Network Interface