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**Public Switched Telephone Network (PSTN);
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Conversion between analogue and digital versions
of line signalling**

[CEPT Recommendation T/CS 42-04 E (1984)]

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Foreword

This ETSI Technical Report (ETR) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

ETRs are informative documents resulting from ETSI studies which are not appropriate for European Telecommunication Standard (ETS) or Interim European Telecommunication Standard (I-ETS) status. An ETR may be used to publish material which is either of an informative nature, relating to the use or the application of ETSs or I-ETSs, or which is immature and not yet suitable for formal adoption as an ETS or an I-ETS.

This work was initiated by the restructuring of CEPT (Conférence Européenne des administrations des Postes et des Télécommunications) and the creation of ETSI. As reported to the 16th Technical Assembly of ETSI, CEPT has proposed to transfer some Recommendations to ETSI which pertain to standardization.

Technical Committee SPS decided to convert these Recommendations into ETRs without any modification. The reader should note that undated references may no longer be relevant.

Endorsement notice

The text of CEPT Recommendation T/CS 42-04 E (1984) was approved by ETSI as an ETR without any modification.

NOTE: The endorsed CEPT Recommendation is reproduced on the following pages of this ETR.



Recommendation T/CS 42-04 (Montpellier 1984)

CONVERSION BETWEEN ANALOGUE AND DIGITAL VERSIONS OF SYSTEM R2 LINE SIGNALLING

Recommendation proposed by Working Group T/WG 11 "Switching and Signalling" (CS)

Text of the Recommendation adopted by the "Telecommunications" Commission:

This recommendation details the conversion between the analogue and digital line signalling versions of SS R2. It is identical to CCITT Recommendation Q.430 in all respects.

The signalling conversion is defined using the specification and description language (SDL) by splitting the processing into two parts for each conversion direction (analogue to digital or vice versa) giving a total of 4 SDL diagrams:

Incoming analogue.

Outgoing digital.

Incoming digital.

Outgoing analogue.

The recommendation covers all cases of alarms caused by transmission equipment failure.

History

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