SLOVENSKI STANDARD
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Network Aspects (NA); Metropolitan Area Network (MAN); Physical Layer Convergence Procedure (PLCP) for 2,048 Mbit/s Protocol Implementation Conformance Statement (PICS)

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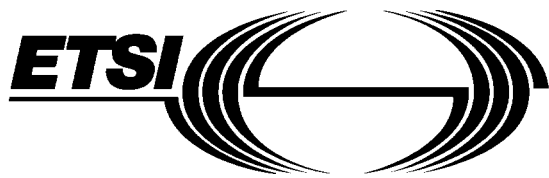
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Foreword

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

This ETS details the Protocol Implementation Conformance Statement (PICS) for the Physical Layer Convergence Procedure (PLCP) for a European Metropolitan Area Network (MAN) based on the Distributed Queue Dual Bus (DQDB) access method as defined in ETS 300 212 [2] operating at a transmission rate of 2,048 Mbit/s in accordance with ETS 300 213 [1].

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1 Scope

This European Telecommunication Standard (ETS) defines Protocol Implementation Conformance Statement (PICS) for the Physical Layer Convergence Procedure (PLCP) at 2,048 Mbit/s for use in the context of a subnetwork of a MAN as defined in ETS 300 213 [1].

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 below. For dated references, subsequent amendments to or revisions 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 300 213: "Network Aspects (NA); Metropolitan Area Network (MAN) Physical layer convergence procedure for 2,048 Mbit/s".

[2]   ETS 300 212: "Network Aspects (NA); Metropolitan Area Network (MAN) Media access control layer and physical layer specification".

[3]   IEEE Standard 802.6 (1990): "Distributed Queue Dual Bus (DQDB) Subnetwork of a Metropolitan Area Network".

3 Definitions

For the purposes of this ETS, the definitions as defined in IEEE Standard 802.6 [3] shall apply.

4 Symbols and abbreviations

For the purposes of this ETS, the symbols and abbreviations as defined in IEEE Standard 802.6 [3] shall apply.

In addition, for this PICS proforma, the following abbreviations are used in defining the support type of a feature, parameter or capability:

m   mandatory

o   optional

c   conditional

d   default value defined

n/a   not applicable

When used in the column labelled "Value" the following abbreviations are defined:

xx - yy   from number xx to number yy

xx/yy   either number xx or number yy applies, depending on the actual conditions

For each of the conditional items, an explanation of the parameter or capability under which the feature, parameter or capability is mandatory is given in the Clause or subclause in which the conditional items appear.

The notation X_ in the column "Support" means that numbers may be entered in this place pointing to notes which indicate deviation from the standard.