



SLOVENSKI STANDARD SIST ETS 300 413 E1:2003

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DfYbcg]b`a i `hjd`Y_gj]fUb`Y`fHAŁĚ`bZ`fa UW`g_]`a cXY`nUnUý]]tc`a i `hjd`Y_gbY[U
cXgY_Už[`YXUbc`g`g]fUb]`ca fYybY[UY`Ya YbHJfB9Ł

Transmission and Multiplexing (TM); Multiplex section protection; Information model for
the Network Element (NE) view

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ICS:

33.040.20 Prenosni sistem Transmission systems

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Transmission and Multiplexing (TM) Technical Committee of the European Telecommunications Standards Institute (ETSI).

The ETS describes the information model for Network Elements (NEs), which perform the multiplex section protection function.

Proposed transposition dates	
Date of latest announcement of this ETS (doa):	31 August 1995
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	31 August 1995
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1 Scope

This European Telecommunication Standard (ETS) provides an information model, as related to the multiplex section protection function for the Synchronous Digital Hierarchy (SDH) as defined in ITU-T Recommendations G.707 [1], G.708 [2] and G.709 [3].

This ETS identifies the Telecommunications Management Network (TMN) object classes required for the management of the protection function for SDH Network Elements (NEs). These objects are relevant to information exchanged across standardised interfaces defined in the CCITT Recommendation M.3010 [8] TMN architecture.

This ETS applies to SDH NEs which support the multiplex section protection switching function, as defined in CCITT Recommendation G.783 [6]. Performance monitoring requirements for multiplex section protection (for the management of SDH equipment with this capability) are provided in CCITT Recommendation G.784 [7], however, the information model which supports these can be found in ITU-T Recommendation G.774.1 [4].

This ETS defines:

- an information model, as related to the protection function for the SDH.

This ETS does not define:

- the protocol stack to be used for message communication;
- the network level management processes;
- the application contexts;
- the conformance requirements to be met by an implementation of this information model;
- information models for other systems or equipment.

The information model defined here (and the corresponding message set) is concerned with the management of NEs, the equipment by which they are implemented and the functions contained within them. More precisely, it applies to an equipment domain visible at the element manager to element interface and is only concerned with information available within that domain. Information proper to the domain of a network level management process is not included within this model.