



SLOVENSKI STANDARD

SIST EN 301 268 V1.1.1:2003

01-november-2003

HY_Y_ca i b]_UW'g_c`i dfUj`^Uj bc`ca fYy`Y`fHABŁ!`bZfa UW'g_]`a cXY`nUy]fbY
_cbZ[i fUW'Y`]bYUfbY[Ua i`hjd`Y_gbY[UcXgY_UŁ[`YXUbc`g`glfUb]`ca fYybY[U
YYa YbHfB9Ł

Telecommunications Management Network (TMN); Linear multiplex section protection configuration information model for the Network Element (NE) view;

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN 301 268 V1.1.1:2003](https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2572d7074a27/sist-en-301-268-v1-1-1-2003)

Ta slovenski standard je istoveten z: <https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2572d7074a27/sist-en-301-268-v1-1-1-2003> EN 301 268 Version 1.1.1

ICS:

33.040.20 Prenosni sistem Transmission systems

SIST EN 301 268 V1.1.1:2003 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 301 268 V1.1.1:2003](https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003)

<https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003>

EN 301 268 V1.1.1 (1999-05)

European Standard (Telecommunications series)

Telecommunications Management Network (TMN); Linear multiplex section protection configuration information model for the Network Element (NE) view

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 301 268 V1.1.1:2003](https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003)

<https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003>



Reference

DEN/TMN-00037 (bqo00ico.PDF)

Keywords

NE, Q3 interface, SDH, transmission

ETSI

Postal address

F-06921 Sophia Antipolis Cedex - FRANCE

Office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C

Association à but non lucratif enregistrée à la
Sous-Prefecture de Grasse (06) N° 7803/88

<https://standards.etsi.fr/standards/sist-en-301-268-v1-1-1-2003>
2372d7074a2f

Internet

secretariat@etsi.fr

Individual copies of this ETSI deliverable
can be downloaded from

<http://www.etsi.org>

If you find errors in the present document, send your
comment to: editor@etsi.fr

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1999.
All rights reserved.

Contents

Intellectual Property Rights	4
Foreword	4
1 Scope.....	5
2 References	5
3 Abbreviations.....	5
4 MSP configuration model.....	5
5 Managed object class definitions.....	6
6 Packages	6
7 Attributes	6
8 Actions.....	6
9 Notifications	7
10 Parameters.....	7
11 Name bindings	7
History.....	8

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 301 268 V1.1.1:2003](https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003)

<https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003>

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available **free of charge** from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://www.etsi.org/ipr>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Telecommunications Management Network (TMN).

National transposition dates	
Date of adoption of this EN:	16 April 1999
Date of latest announcement of this EN (doa):	31 July 1999
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 January 2000
Date of withdrawal of any conflicting National Standard (dow):	31 January 2000

[SIST EN 301 268 V1.1.1:2003](https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003)

<https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003>

1 Scope

The present document provides an information model for configuration of SDH MSP groups.

The present document defines:

- an information model, as related to the unidirectional performance monitoring function for the SDH.

The present document 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.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, subsequent revisions do apply.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] ITU-T Recommendation G.774-09 (1997): "Synchronous Digital Hierarchy (SDH) configuration of multiplex section protection for the network element view".

3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

ITU	International Telecommunication Union
MSP	Multiplex Section Protection
NE	Network Element
SDH	Synchronous Digital Hierarchy
TMN	Telecommunications Management Network

4 MSP configuration model

The information model for configuration of MSP groups is described ITU-T Recommendation G.774-09 [1].

5 Managed object class definitions

In the context of the present document, the IMPORTS clause specifies the object classes which can be instantiated in the Scope of the present document. The IMPORTS clause does not include uninstantiated superclasses.

BEGIN

IMPORTS

protectionCoordinator,
sdhMSProtectionCoordinator

FROM {itu-t(0) recommendation(0) g(7) g774(774) hyphen(127) protCoord(9) informationModel(0)
managedObjectClass(3) }

;

END

6 Packages

None.

7 Attributes

BEGIN

IMPORTS

protectionCoordinatorId

STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003>

FROM {itu-t(0) recommendation(0) g(7) g774(774) hyphen(127) protCoord(9) informationModel(0) attribute(7) }

;

END

8 Actions

BEGIN

IMPORTS

dismissProtection,
establishProtection,
modifyProtection

FROM {itu-t(0) recommendation(0) g(7) g774(774) hyphen(127) protCoord(9) informationModel(0) action(9) }

;

END

9 Notifications

None.

10 Parameters

BEGIN

IMPORTS

mSPConfigurationError,

mSPGroupConfigurationParameter,

mSPUnitConfigurationParameter,

protectionConfigurationError,

removeProtectionError

FROM {itu-t(0) recommendation(0) g(7) g774(774) hyphen(127) protCoord(9) informationModel(0) parameter(5) }

;

END

iTeh STANDARD PREVIEW

11 Name bindings [\(standards.iteh.ai\)](https://standards.iteh.ai/)

BEGIN

[SIST EN 301 268 V1.1.1:2003](https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003)

IMPORTS

<https://standards.iteh.ai/catalog/standards/sist/46480d96-ec4d-4668-9614-2372d7074a2f/sist-en-301-268-v1-1-1-2003>

protectionCoordinator-sdhNE

FROM {itu(0) recommendation(0) g(7) g774(774) hyphen(127) protCoord(9) informationModel(0)
nameBinding(6) }

;

END