International Telecommunication Union

ITU-T G.8101/Y.1355 Implementers' Guide

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STANDARDIZATION SECTOR
OF ITU

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SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS

Digital networks – General aspects

Implementers' guide for Recommendation ITU-T G.8101/Y.1355 (2016-11)

ITU-T

International Telecommunication Union

Summary

This document is an Implementers' Guide for Recommendation ITU-T G.8101/Y.1355 (2016-11).

This version contains all updates submitted up to and including those at Study Group 15 meeting in October 2018.

This document was approved by ITU-T Study Group 15 on 19 October 2018.

Change log

19 October 2018	First version.

Contact information

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Implementers' guide for Recommendation ITU-T G.8101/Y.1355

1 Scope

This guide provides a list of the definitions that were deleted from Recommendation ITU-T G.8101/Y.1355 when moved to their source Recommendations.

2 Introduction

This implementers' guide is a compilation of reported defects for all versions of Recommendation ITU-T G.8101. In this edition of the guide, reported defects identified as of 2018-10 are given for:

Recommendation ITU-T G.8101/Y.1355 (2016-11)

The guide must be read in conjunction with Recommendation ITU-T G.8101/Y.1355 (2016-11) to serve as an additional source of information for implementers. The changes, clarifications and corrections defined herein are expected to be included in future versions of the affected Recommendations.

3 Defect resolution procedure

Upon discovering technical defects with any components of the texts covered by this implementers' guide, please provide a written description directly to the editors of the affected Recommendation(s) with a copy to the respective Rapporteur (See contacts above on page iii). The template for a defect report is located at the end of this guide. Return contact information should also be supplied so a dialogue can be established to resolve the matter and an appropriate reply to the defect report can be conveyed. This defect resolution process is open to any interested party. Formal membership in the ITU is not required to participate in this process.

4 References

This document refers to the following ITU-T Recommendation:

– ITU-T Recommendation G.8101/Y.1355 (2016-11), *Terms and definitions for Ethernet frames over transport*.

5 Nomenclature

In addition to traditional revision marks, the following marks and symbols are used to indicate to the reader how changes to the text of a Recommendation should be applied:

Symbol	Description
[Begin Correction]	Identifies the start of revision marked text based on extractions from the published Recommendations affected by the correction being described.
[End Correction]	Identifies the end of revision marked text based on extractions from the published Recommendations affected by the correction being described.

...	Indicates that the portion of the Recommendation between the text appearing before and after this symbol has remained unaffected by the correction being described and has been omitted for brevity.
--- *SPECIAL INSTRUCTIONS* --- *{instructions}*	Indicates a set of special editing instructions to be followed.

6 Technical and editorial corrections to Recommendation ITU-T G.8101/Y.1355

6.1 Section 3.1

This Recommendation uses the following terms defined elsewhere:

~~**3.1.1 1+1 (protection) architecture**: [ITU-T G.808]~~

~~NOTE – 1+1 protection architecture is referred to in [ITU-T G.8131].~~

~~**3.1.2 1:n (protection) architecture**: [ITU-T G.808]~~

~~NOTE – 1:n protection architecture is referred to in [ITU-T G.8131].~~

~~**3.1.3 1-phase (APS protocol)**: [ITU-T G.808]~~

~~NOTE – 1 phase is referred to in [ITU-T G.8131].~~

~~**3.1.4 2-phase (APS protocol)**: [ITU-T G.808]~~

~~NOTE – 2 phase is referred to in [ITU-T G.8131].~~

~~**3.1.5 3-phase (APS protocol)**: [ITU-T G.808]~~

~~NOTE – 3 phase is referred to in [ITU-T G.8131].~~

~~**3.1.6 active transport entity**: [ITU-T G.808]~~

~~NOTE – active transport entity is referred to in [ITU-T G.8131].~~

3.1.7 access point: [ITU-T G.805]

NOTE – Access point is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.8 adapted information: [ITU-T G.805]

NOTE – Adapted information is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.9 administrative domain: [ITU-T G.805]

NOTE – Administrative domain is referred to in [b-ITU-T G.8110.1].

~~**3.1.10 agent**: [ITU-T X.701]~~

~~NOTE – Agent is referred to in [b-ITU-T G.8151].~~

3.1.11 administrative state: [ITU-T X.731]

NOTE – Administrative state is referred to in [b-ITU-T G.8110.1].

~~**3.1.12 alarm reporting**: [ITU-T M.3013]~~

~~NOTE – Alarm reporting is referred to in [b-ITU-T G.8151].~~

~~**3.1.13 alarm reporting control (ARC)**: [ITU-T M.3013]~~

~~NOTE – Alarm reporting control (ARC) is referred to in [b-ITU-T G.8151].~~

~~**3.1.14 APS protocol**: [ITU-T G.808]~~

~~NOTE – APS protocol is referred to in [ITU-T G.8131].~~

~~**3.1.15 architecture**: [ITU-T G.808]~~

~~NOTE – architecture is referred to in [ITU-T G.8131].~~

3.1.16 associated channel header: [IETF RFC 5586]

NOTE – Associated channel header is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

~~**3.1.17 atomic function (AF)**: [ITU-T G.806]~~

~~NOTE – Atomic function (AF) is referred to in [b-ITU-T G.8151].~~

~~**3.1.18 bidirectional protection switching**: [ITU-T G.780]~~

~~NOTE – Bidirectional protection switching is referred to in [ITU-T G.8131].~~

~~**3.1.19 bridge**: [ITU-T G.808]~~

~~NOTE – bridge is referred to in [ITU-T G.8131].~~

3.1.20 bottom of stack: [IETF RFC 3032]

NOTE – Bottom of stack is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.21 characteristic information: [ITU-T G.805]

NOTE – Characteristics information is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.22 client/server relationship: [ITU-T G.805]

NOTE – Client/server relationship is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.23 connection: [ITU-T G.805]

NOTE – Connection is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.24 connection point: [ITU-T G.805]

NOTE – Connection point is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.25 connection supervision: [ITU-T G.805]

NOTE – Connection supervision is referred to in [b-ITU-T G.8110.1].

3.1.26 customer edge (CE): [IETF RFC 5921]

NOTE – CE is referred to in [ITU-T G.8112].

~~**3.1.27 data communication network (DCN)**: [ITU-T G.7712]~~

~~NOTE – Data communication network (DCN) is referred to in [b-ITU-T G.8151].~~

3.1.28 defect: [ITU-T G.806]

NOTE – Defect is referred to in [b-ITU-T G.8113.1], and [b-ITU-T G.8113.2] and [ITU-T G.8131].

3.1.29 dual-ended: [ITU-T G.8001]

NOTE – Dual-ended is referred to in [b-ITU-T G.8152].

3.1.30 explicitly TC-encoded-PSC LSP: [IETF RFC 5462]

NOTE – Explicitly TC-encoded-PSC LSP is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.31 failure: [ITU-T G.806]

NOTE – Failure is referred to in [b-ITU-T G.8113.1], [b-ITU-T G.8113.2] and [ITU-T G.8131].

3.1.32 forced switch: [ITU-T G.808]

NOTE – forced switch is referred to in [ITU-T G.8131].

3.1.33 G-ACh label: [IETF RFC 5586]

NOTE – G-ACh Label is referred to in [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.34 G-ACh packet: [IETF RFC 5586]

NOTE – G-ACh packet is referred to in [b-ITU-T G.8110.1].

3.1.35 G-ACh packet payload: [IETF RFC 5586]

NOTE – G-ACh packet payload is referred to in [b-ITU-T G.8110.1].

3.1.36 generic associated channel: [IETF RFC 5586]

NOTE – Generic associated channel is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.37 hold-off time: [ITU-T G.808]

NOTE – hold-off time is referred to in [ITU-T G.8131].

3.1.38 label: [IETF RFC 3031]

NOTE – Label is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.39 label inferred PHB scheduling class LSP: [IETF RFC 3270]

NOTE – Label inferred PHB scheduling class LSP is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.40 label stack: [IETF RFC 3031]

NOTE – Label stack is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1], and [b-ITU-T G.8121.2].

3.1.41 label switched path: [IETF RFC 3031]

NOTE – Label switching path is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.42 label value: [IETF RFC 3032]

NOTE – Label value is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.43 layer network: [ITU-T G.805]

NOTE – Layer network is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.44 link: [ITU-T G.805]

NOTE – Link is referred to in [b-ITU-T G.8110.1].

3.1.45 link connection: [ITU-T G.805]

NOTE – Link connection is referred to in [b-ITU-T G.8110.1].

~~**3.1.46 local craft terminal**: [ITU-T G.7710]~~

~~NOTE – Local craft terminal is referred to in [b-ITU-T G.8151].~~

3.1.47 maintenance entity: [ITU-T G.~~8001~~8013]

NOTE – Maintenance entity is referred to in [b-ITU-T G.8110.1] ~~and [b-ITU-T G.8152]~~.

3.1.48 maintenance entity group: [ITU-T G.~~8001~~8013]

NOTE – Maintenance entity group is referred to in [b-ITU-T G.8110.1] ~~and [b-ITU-T G.8152]~~.

3.1.49 maintenance entity group intermediate point compound function: [ITU-T G.8001]

NOTE – Maintenance entity group intermediate point compound function is referred to in [b-ITU-T G.8110.1] ~~and [b-ITU-T G.8152]~~.

~~**3.1.50 matrix**: [ITU-T G.805]~~

~~NOTE – Matrix is referred to in [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].~~

~~**3.1.51 management application function (MAF)**: [ITU-T G.7710]~~

~~NOTE – Management application function (MAF) is referred to in [b-ITU-T G.8151].~~

~~**3.1.52 managed entity**: [ITU-T M.3013]~~

~~NOTE – Managed entity is referred to in [b-ITU-T G.8151].~~

~~**3.1.53 managed object (MO)**: [ITU-T X.700]~~

~~NOTE – Managed object (MO) is referred to in [b-ITU-T G.8151].~~

~~**3.1.54 managed object class (MOC)**: [ITU-T X.700]~~

~~NOTE – Managed object class (MOC) is referred to in [b-ITU-T G.8151].~~

~~**3.1.55 management interface**: [ITU-T M.3013]~~

~~NOTE – Management interface is referred to in [b-ITU-T G.8151].~~

~~**3.1.56 management point (MP)**: [ITU-T G.806]~~

~~NOTE – Management point (MP) is referred to in [b-ITU-T G.8151].~~

~~**3.1.57 manager**: [ITU-T X.700]~~

~~NOTE – Manager is referred to in [b-ITU-T G.8151].~~

~~**3.1.58 manual switch**: [ITU-T G.808]~~

~~NOTE – manual switch is referred to in [ITU-T G.8131].~~

~~**3.1.59 message communication function (MCF)**: [ITU-T M.3013]~~

~~NOTE – Message communication function (MCF) is referred to in [b-ITU-T G.8151].~~

3.1.60 MPLS label stack: [IETF RFC 3031]

NOTE – MPLS label stack is referred to in ~~[b-ITU-T G.8121], [b-ITU-T G.8121.1], [b-ITU-T G.8121.2] and~~ [b-ITU-T G.8110.1].

3.1.61 MPLS transport profile (MPLS-TP): [IETF RFC 5921]

NOTE – MPLS transport profile (MPLS-TP) is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8113.1] and [b-ITU-T G.8113.2].

3.1.62 MPLS-TP LSP: [IETF RFC 5921]

NOTE – MPLS-TP LSP is referred to in [b-ITU-T G.8110.1].

3.1.63 MPLS-TP PE: [IETF RFC 5921]

NOTE – MPLS-TP PE is referred to in [ITU-T G.8112].

~~**3.1.64 MPLS-TP NNI**: [ITU-T G.8112]~~

3.1.65 network: [ITU-T G.805]

NOTE – Network is referred to in [b-ITU-T G.8110.1], ~~[b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.66 network connection: [ITU-T G.805]

NOTE – Network connection is referred to in [b-ITU-T G.8110.1], ~~[b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

~~**3.1.67 network element (NE)**: [ITU-T M.3010]~~

~~NOTE – Network element (NE) is referred to in [b-ITU-T G.8151].~~

~~**3.1.68 network element function (NEF)**: [ITU-T M.3010]~~

~~NOTE – Network element function (NEF) is referred to in [b-ITU-T G.8151].~~

3.1.69 network survivability: [ITU-T G.808]

NOTE – Network survivability state is referred to in [b-ITU-T G.8110.1].

3.1.70 network-to-network interface (NNI): [ITU-T G.8001]

NOTE – NNI is referred to in [ITU-T G.8112].

~~**3.1.71 non-revertive (protection) operation**: [ITU-T G.808]~~

~~NOTE – non-revertive (protection) operation is referred to in [ITU-T G.8131].~~

~~**3.1.72 normal traffic signal**: [ITU-T G.808]~~

~~NOTE – normal traffic signal is referred to in [ITU-T G.8131].~~

3.1.73 on-demand monitoring: [ITU-T G.~~8001~~8013]

NOTE – On-demand monitoring is referred to in [b-ITU-T G.8110.1] ~~and [b-ITU-T G.8152]~~.

~~**3.1.74 one-way**: [ITU-T G.8001]~~

~~NOTE – One-way is referred to in [b-ITU-T G.8152].~~

~~**3.1.75 operations system (OS)**: [ITU-T M.3013]~~

~~NOTE – Operations system (OS) is referred to in [b-ITU-T G.8151].~~

~~**3.1.76 operations system function (OSF)**: [ITU-T M.3013]~~

~~NOTE – Operations system function (OSF) is referred to in [b-ITU-T G.8151].~~

3.1.77 per-hop behaviour: [IETF RFC 3270]

NOTE – Per-hop behaviour is referred to in [b-ITU-T G.8110.1], ~~[b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

~~**3.1.78 permanent bridge**: [ITU-T G.808]~~

~~NOTE – permanent bridge is referred to in [ITU-T G.8131].~~

~~**3.1.79 persistence interval**: [ITU-T M.3013]~~

~~NOTE – Persistence interval is referred to in [b-ITU-T G.8151].~~

3.1.80 proactive monitoring: [ITU-T G.8001]

NOTE – Pro-active monitoring is referred to in [b-ITU-T G.8110.1] ~~and [b-ITU-T G.8152]~~.

~~**3.1.81 protected domain**: [ITU-T G.808]~~

~~NOTE – protected domain is referred to in [ITU-T G.8131].~~

3.1.82 protection: [ITU-T G.808]

NOTE – Protection is referred to in [b-ITU-T G.8110.1] ~~and [b-ITU-T G.8131]~~.

~~**3.1.83 protection transport entity**: [ITU-T G.808]~~

~~NOTE – protection transport entity is referred to in [b-ITU-T G.8131].~~

~~**3.1.84 PSC protocol**: [ITU-T G.8131]~~

3.1.85 pseudowire: [IETF RFC 5921]

NOTE – Pseudowire is referred to in [b-ITU-T G.8110.1].

~~**3.1.86 Q-Interface**: [ITU-T M.3010]~~

~~NOTE – Q-Interface is referred to in [b-ITU-T G.8151].~~

~~**3.1.87 qualified problem**: [ITU-T M.3013]~~

~~NOTE – Qualified problem is referred to in [b-ITU-T G.8151].~~

3.1.88 reference point: [ITU-T G.805]

NOTE – Reference point is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

~~**3.1.89 reset threshold report**: [ITU-T M.3013]~~

~~NOTE – Reset threshold report is referred to in [b-ITU-T G.8151].~~

3.1.90 restoration: [ITU-T G.808]

NOTE – Restoration is referred to in [b-ITU-T G.8110.1].

~~**3.1.91 revertive (protection) operation**: [ITU-T G.808]~~

~~NOTE – revertive (protection) operation is referred to in [ITU-T G.8131].~~

~~**3.1.92 selector**: [ITU-T G.808]~~

~~NOTE – selector is referred to in [ITU-T G.8131].~~

~~**3.1.93 selector bridge**: [ITU-T G.808]~~

~~NOTE – selector bridge is referred to in [ITU-T G.8131].~~

~~**3.1.94 signal**: [ITU-T G.808]~~

~~NOTE – signal is referred to in [ITU-T G.8131].~~

~~**3.1.95 signal degrade (SD)**: [ITU-T G.806]~~

~~NOTE – signal degrade (SD) is referred to in [ITU-T G.8131].~~

~~**3.1.96 signal fail (SF)**: [ITU-T G.806]~~

~~NOTE – signal fail (SF) is referred to in [ITU-T G.8131].~~

~~**3.1.97 single-ended**: [ITU-T G.8001]~~

~~NOTE – Single-ended is referred to in [b-ITU-T G.8152].~~

~~**3.1.98 standby transport entity**: [ITU-T G.808]~~

~~NOTE – standby transport entity is referred to in [ITU-T G.8131].~~

3.1.99 sublayer: [ITU-T G.805]

NOTE – Sublayer is referred to in [b-ITU-T G.8110.1].

3.1.100 subnetwork: [ITU-T G.805]

NOTE – Subnetwork is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.101 subnetwork connection: [ITU-T G.805]

NOTE – Subnetwork connection is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.102 subnetwork connection protection: [ITU-T G.808]

NOTE – subnetwork connection protection is referred to in [ITU-T G.8131].

3.1.103 switch: [ITU-T G.808]

NOTE – switch is referred to in [ITU-T G.8131].

3.1.104 tandem connection [ITU-T G.805]

NOTE – Tandem connection is referred to in [b-ITU-T G.8110.1].

3.1.105 termination connection point [ITU-T G.805]

NOTE – Termination connection point is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.106 threshold report: [ITU-T M.3013]

NOTE – Threshold report is referred to in [b-ITU-T G.8151].

3.1.107 time to live: [IETF RFC 3031]

NOTE – Time to live is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.108 timed interval: [ITU-T M.3013]

NOTE – Timed interval is referred to in [b-ITU-T G.8151].

3.1.109 trail: [ITU-T G.805]

NOTE – Trail is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1], [b-ITU-T G.8121.2] and [ITU-T G.8131].

3.1.110 trail termination: [ITU-T G.805]

NOTE – Trail termination is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.111 transport: [ITU-T G.805]

NOTE – Transport is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

3.1.112 traffic signal: [ITU-T G.808]

NOTE – traffic signal is referred to in [ITU-T G.8131].

3.1.113 trail protection: [ITU-T G.808]

NOTE – trail protection is referred to in [ITU-T G.8131].

3.1.114 transport entity: [ITU-T G.805]

NOTE – Transport entity is referred to in [b-ITU-T G.8110.1], [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].

~~**3.1.115 transport entities**: [ITU-T G.808]~~

~~NOTE – transport entities is referred to in [ITU-T G.8131].~~

3.1.116 traffic class: [IETF RFC 5462]

NOTE – Traffic class is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

3.1.117 transport processing function: [ITU-T G.805]

NOTE – Transport processing function is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

~~**3.1.118 two-way**: [ITU-T G.8001]~~

~~NOTE – Two-way is referred to in [b-ITU-T G.8152].~~

3.1.119 unidirectional connection: [ITU-T G.805]

NOTE – Unidirectional connection is referred to in [b-ITU-T G.8110.1]~~, [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2]~~.

~~**3.1.120 unidirectional protection switching**: [ITU-T G.780]~~

~~NOTE – Unidirectional protection switching is referred to in [ITU-T G.8131].~~

~~**3.1.121 unidirectional trail**: [ITU-T G.805]~~

~~NOTE – Unidirectional trail is referred to in [b-ITU-T G.8121], [b-ITU-T G.8121.1] and [b-ITU-T G.8121.2].~~

~~**3.1.122 user-to-network interface (UNI)**: [ITU-T G.8112]~~

~~**3.1.123 wait-to-restore time**: [ITU-T G.808]~~

~~NOTE – wait-to-restore time is referred to in [ITU-T G.8131].~~

~~**3.1.124 working transport entity**: [ITU-T G.808]~~

~~NOTE – working transport entity is referred to in [ITU-T G.8131].~~

~~**3.1.125 workstation function (WF)**: [ITU-T M.3010]~~

~~NOTE – Workstation function (WF) is referred to in [b-ITU-T G.8151].~~

6.2 Section 3.2

~~**3.2.5 MPLS-TP management network (MT_MN)**: An MPLS-TP management network is a subset of a telecommunication management network (TMN) that is responsible for managing those parts of a network element that contain MPLS-TP layer network entities. An MT_MN may be subdivided into a set of MPLS-TP management subnetworks.~~

~~NOTE – MPLS-TP management network (MT_MN) is referred to in [b-ITU-T G.8151].~~

~~**3.2.6 MPLS-TP management subnetwork (MT_MSN)**: An MPLS-TP management subnetwork (MT_MSN) consists of a set of separate embedded control channels (ECC) and associated intra-site data communication links which are interconnected to form a data communications network (DCN) within any given MPLS-TP transport topology. For MPLS-TP, the physical channel supporting the ECC is the MPLS-TP management communication channel (MCC) as defined in [ITU-T G.7712]. An MT_MSN represents a MPLS-TP specific local communication network (LCN) portion of a network operator's overall DCN or TMN.~~

~~NOTE – MPLS-TP management subnetwork (MT_MSN) is referred to in [b-ITU-T G.8151].~~

3.2.7 MPLS-TP network element (MT_NE): That part of a network element that contains entities from one or more MPLS-TP layer networks. An MT_NE may therefore be a standalone physical entity or a subset of a network element. It supports at least network element functions (NEF) and may also support an operations system function (OSF). It contains managed objects (MO), a message communication function (MCF) and a management application function (MAF). The functions of an MT_NE may be contained within an NE that also supports other layer networks. These layer network entities are considered to be managed separately from MPLS-TP entities. As such they are not part of the MT_MN or MT_MSN.

NOTE – MPLS-TP network element (MT_NE) is referred to in [b-ITU-T G.8151].

6.3 Appendix I

Recommendation	Latest version	MPLS-TP specific definitions
ITU-T G.7712/Y.1703	09/2010 with Amd. 1	No
ITU-T G.8110.1/Y.1370.1	12/2011	No
ITU-T G.8112/Y.1371	08/2015	Yes
ITU-T G.8113.1/Y.1372.1	04/2016	Yes
ITU-T G.8113.2/Y.1372.2	08/2015	Yes
ITU-T G.8121/Y.1381	04/2016	No
ITU-T G.8121.1/Y.1381.1	04/2016	No
ITU-T G.8121.2/Y.1381.2	04/2016	No
ITU-T G.8131/Y.1382	07/2014 with Amd. 1 and 2	Yes
ITU-T G.8151/Y.1374	01/2015	Yes
ITU-T G.8152/Y.1375	2016	No

6.4 Bibliography

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[b-ITU-T G.8012] Recommendation ITU-T G.8012/Y.1308 (2004), *Ethernet UNI and Ethernet NNI*

[b-ITU-T G.8110.1] Recommendation ITU-T G.8110.1/Y.1370.1 (2011), *Architecture of the Multi-Protocol Label Switching transport profile layer network.*

[b-ITU-T G.8113.1] Recommendation ITU-T G.8113.1/Y.1372.1 (2016), *Operations, administration and maintenance mechanisms for MPLS-TP in packet transport networks.*

[b-ITU-T G.8113.2] Recommendation ITU-T G.8113.2/Y.1372.2 (2015), *Operations, administration and maintenance mechanisms for MPLS-TP networks using the tools defined for MPLS.*

[b-ITU-T G.8121] Recommendation ITU-T G.8121/Y.1381 (2016), *Characteristics of MPLS-TP equipment functional blocks.*

~~[b-ITU-T G.8121.1] Recommendation ITU-T G.8121.1/Y.1381.1 (2016), *Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.1/Y.1372.1 OAM mechanisms.*~~

~~[b-ITU-T G.8121.2] Recommendation ITU-T G.8121.2/Y.1381.2 (2016), *Characteristics of MPLS-TP equipment functional blocks supporting ITU-T G.8113.2/Y.1372.2 OAM mechanisms.*~~

~~[b-ITU-T G.8151] Recommendation ITU-T G.8151/Y.1374 (2015), *Management aspects of the MPLS-TP network element.*~~

~~[b-ITU-T G.8152] Recommendation ITU-T G.8152/Y.1375 (2016), *Protocol-neutral management information model for the MPLS-TP network element.*~~

[b-IETF RFC 6291] IETF RFC 6291 (2011), *Guidelines for the Use of the "OAM" Acronym in the IETF*.

[b-IETF RFC 7087] IETF RFC 7087 (2013), *A Thesaurus for the Interpretation of Terminology Used in MPLS Transport Profile (MPLS-TP) Internet-Drafts and RFCs in the Context of the ITU-T's Transport Network Recommendations*.

Annex: Recommendation ITU-T G.8101/Y.1355 Defect Report Form

DATE:	
CONTACT INFORMATION **NAME:** **COMPANY:** **ADDRESS:** **TEL:** **FAX:** **E-MAIL:**	
AFFECTED RECOMMENDATIONS:	
DESCRIPTION OF PROBLEM:	
SUGGESTIONS FOR RESOLUTION:	

NOTE - Attach additional pages if more space is required than is provided above.