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**ITU-T**

TELECOMMUNICATION  
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**G.8151/Y.1374**

**Amendment 2**  
(10/2013)

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DIGITAL SYSTEMS AND NETWORKS

Packet over Transport aspects – MPLS over Transport  
aspects

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Management aspects of the MPLS-TP network  
element

**Amendment 2**

Recommendation ITU-T G.8151/Y.1374 (2012) –  
Amendment 2



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# Recommendation ITU-T G.8151/Y.1374

## Management aspects of the MPLS-TP network element

### Amendment 2

#### Summary

Amendment 2 to Recommendation ITU-T G.8151/Y.1374 specifies the requirements for managing the ITU-T G.8121.1/Y.1381.1 and ITU-T G.8121.2/Y.1381.2 specific equipment functions. It also contains updates for alignment with Recommendation ITU-T G.8121/Y.1381.

#### History

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# Recommendation ITU-T G.8151/Y.1374

## Management aspects of the MPLS-TP network element

### Amendment 2

#### 1) Scope of amendment 2

This amendment specifies the requirements for managing the ITU-T G.8121.1/Y.1381.1 and ITU-T G.8121.2/Y.1381.2 specific equipment functions. It also contains updates to this Recommendation -for alignment with [ITU-T G.8121].

#### 2) Updates to clause 1 "Scope"

*Update to clause 1 "Scope" of [ITU-T G.8151] as follows.*

##### 1 Scope

...The generic requirements for managing transport network elements are specified in [ITU T G.7710] and the requirements for the management of equipment used in networks supporting an MPLS-TP are specified in [b-IETF RFC 5951]. This Recommendation specifies the requirements for managing the following MPLS-TP specific equipment functional blocks, which are defined in [ITU-T G.8121]:

- MPLS-TP layer connection function;
- MPLS-TP layer trail termination functions;
- MPLS-TP server to MPLS-TP client adaptation functions;
- MPLS-TP server to Ethernet client adaptation functions;
- SDH server to MPLS-TP client adaptation functions;
- PDH server to MPLS-TP client adaptation functions;
- OTN server to MPLS-TP client adaptation functions;
- ETH server to MPLS-TP client adaptation functions.

...The architecture described in this Recommendation for the management of MPLS-TP transport networks is based upon the following considerations:

- The management view of network element functional elements should be uniform whether those elements form part of an inter-domain interface or part of an intra-domain interface. Those properties necessary to form such a uniform management view are to be included in this Recommendation.
- MPLS-TP layer network entities (MTLNE) refer to trail termination, adaptation and connection functions as described in [ITU-T G.8110.1].
- A network element may only contain MPLS-TP layer network entities.
- A network element may contain both MPLS-TP layer network entities (MTLNE) and client layer network entities (CLNE).
- Client layer entities are managed as part of their own logical domain (e.g., Ethernet management network).

- CLNE and MTLNE may or may not share a common message communication function (MCF) and management application function (MAF) depending on application.
- CLNE and MTLNE may or may not share the same agent.
- Server layer network entities (SLNE) and MTLNE may or may not share the same agent.

This Recommendation provides a representation of the MPLS-TP technology using the methodologies that have been used for other transport technologies (e.g., SDH, OTN and Ethernet).

### 3) Updates to clause 2 "References"

#### 3.1) References to be added

*Add the following references to clause 2.*

[ITU-T G.8121.1] Recommendation ITU-T G.8121.1/Y.1381.1 (2013), *Characteristics of MPLS Transport Profile (MPLS-TP) equipment functional blocks supporting G.8113.1/Y.1372.1.*

[ITU-T G.8121.2] Recommendation ITU-T G.8121.2/Y.1381.2 (2013), *Characteristics of MPLS Transport Profile (MPLS-TP) equipment functional blocks supporting G.8113.2/Y.1372.2.*

#### 3.2) Reference updates

*Update the references below as shown.*

[ITU-T G.806] Recommendation ITU-T G.806 (~~2012~~09), *Characteristics of transport equipment – Description methodology and generic functionality.*

[ITU-T G.7710] Recommendation ITU-T G.7710/Y.1701 (~~2012~~07), *Common equipment management function requirements*, plus Corrigendum 1 (2009).

[ITU-T G.8121] Recommendation ITU-T G.8121/Y.1381 (~~2013~~2), *Characteristics of MPLS Transport Profile (MPLS-TP) equipment functional blocks.*

### 4) Updates to clause 4 "Abbreviations and acronyms"

#### 4.1) Abbreviations to be added

*Add the following abbreviations to clause 4.*

DLM	Direct Loss Management
FFS	For Further Study
ILM	Inferred Loss Management
SLNE	Server Layer Network Entity

#### 4.2) Updates to abbreviations

*Add '(Note)' after the expansion of MT.C as shown below, and also add the 'NOTE' shown underneath at the end of clause 4.*

MT.C            MPLS-TP Channel layer (Note)

NOTE – Equivalent to MPLS-TP transport service layer.



5) Updates to Table 7-1

Update Table 7-1 in clause 7.2.1 as follows.

**Table 7-1 – Inputs/outputs for the fault cause persistency function**

Atomic function (ITU-T G.8121)	Input	Output
MT_TT_Sk	cSSF cLCK cLOC cMMG cUNM cUNP cUNC cDEG cRDI	fSSF fLCK fLOC fMMG fUNM fUNP fUNC fDEG fRDI
Sn/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
Sn-X-L/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
Sm/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
Sm-X-L/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
Pq/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
Pq-X-L/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
ODUKP/MT_A_Sk	cPLM cLFD cEXM cUPM	fPLM fLFD fEXM fUPM
ODUKP-X-L/MT_A_Sk	cVcPLM cLFD cEXM cUPM	fVcPLM fLFD fEXM fUPM

**Table 7-1 – Inputs/outputs for the fault cause persistency function**

<b>Atomic function (ITU-T G.8121)</b>	<b>Input</b>	<b>Output</b>
<u>ODUKP-h/MT_A_Sk</u>	<u>cPLM</u> <u>cLFD</u> <u>cEXM</u> <u>cUPM</u>	<u>fPLM</u> <u>fLFD</u> <u>fEXM</u> <u>fUPM</u>

**6) Updates to Table 7-2**

*Update Table 7-2 in clause 7.2.2 as follows.*

**Table 7-2 – ARC specifications for MPLS-TP**

<b>Atomic function</b>	<b>Qualified problems</b>	<b>QoS reporting</b>	<b>Default state value</b>
MT_TT_Sk	fSSF fLCK fLOC fMMG fUNM fUNP fUNC fDEG fRDI	For further study	ALM
Sn/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM
Sn-X-L/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM
Sm/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM
Sm-X-L/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM
Pq/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM
Pq-X-L/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM

**Table 7-2 – ARC specifications for MPLS-TP**

Atomic function	Qualified problems	QoS reporting	Default state value
ODUKP/MT_A_Sk	fPLM fLFD fEXM fUPM	For further study	ALM
ODUKP-X-L/MT_A_Sk	fVcPLM fLFD fEXM fUPM	For further study	ALM
<u>ODUKP-h/MT_A_Sk</u>	<u>fPLM</u> <u>fLFD</u> <u>fEXM</u> <u>fUPM</u>	<u>For further study</u>	<u>ALM</u>

**7) Updates to Table 7-3**

*Update Table 7-3 in clause 7.2.14 as follows.*

**Table 7-3 – Operational state function input and output signals for MPLS-TP**

Atomic function	Failure input (fZZZ-value)	Operational state output (enabled/disabled)
MT_TT_Sk	fSSF fLCK fLOC fMMG fUNM fUNP fUNC fDEG fRDI	Enabled Enabled Enabled Enabled Enabled Enabled Enabled Enabled Enabled Enabled
Sn/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
Sn-X-L/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
Sm/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
Sm-X-L/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled

**Table 7-3 – Operational state function input and output signals for MPLS-TP**

Atomic function	Failure input (fZZZ-value)	Operational state output (enabled/disabled)
Pq/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
Pq-X-L/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
ODUKP/MT_A_Sk	fPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
ODUKP-X-L/MT_A_Sk	fVcPLM fLFD fEXM fUPM	Enabled Enabled Enabled Enabled
<u>ODUKP-h/MT_A_Sk</u>	<u>fPLM</u> <u>fLFD</u> <u>fEXM</u> <u>fUPM</u>	<u>Enabled</u> <u>Enabled</u> <u>Enabled</u> <u>Enabled</u>

**8) Updates to Table 8-1**

*Update Table 8-1 as follows.*

**Table 8-1 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_So Provisioning		
MT_TT_So_MI_GAL_Enable	True, false	(Note 4)
MT_TT_So_MI_TTLVALUE	0..255	255
MT_TT_So_MI_MEG_ID	String; values are OAM protocol-specific	(Note 1)
MT_TT_So_MI_MEP_ID	String; values are OAM protocol-specific	(Note 1)
MT_TT_So_MI_CC_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_So_MI_RDI_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_So_MI_CC_Enable	True, false	False
MT_TT_So_MI_CVp_Enable	True, false (Note 3)	False

**Table 8-1 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_So_MI_CC_CoS	0, 1, 2, 3, 4, 5, 6, 7	7
MT_TT_So_MI_CC_Period	3.33 ms, 10 ms, 100 ms, 1 s, 10 s, 1 min, 10 min	100 ms
MT_TT_So_MI_LMp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_So_MI_LMp_Enable[1... M <sub>LMp</sub> ]	True, false	False
MT_TT_So_MI_LMp_Period[1... M <sub>LMp</sub> ]	100 ms, 1 s, 10 s	100ms
MT_TT_So_MI_LMp_CoS[1... M <sub>LMp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_So_MI_DMp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_So_MI_DMp_Enable[1... M <sub>DMp</sub> ]	True, false	False
MT_TT_So_MI_DMp_Period[1... M <sub>DMp</sub> ]	100 ms, 1 s, 10 s	100ms
MT_TT_So_MI_DMp_Test_ID[1... M <sub>DMp</sub> ]	(Note 2)	–
MT_TT_So_MI_DMp_CoS[1... M <sub>DMp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_So_MI_DMp_Length[1... M <sub>DMp</sub> ]	Non-negative integer representing number of bytes for the length of the padding TLV <sub>r</sub>	0
MT_TT_So_MI_1DMp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_So_MI_1DMp_Enable[1... M <sub>1DMp</sub> ]	True, false	False
MT_TT_So_MI_1DMp_Period[1... M <sub>1DMp</sub> ]	100 ms, 1 s, 10 s	100 ms
MT_TT_So_MI_1DMp_Test_ID[1... M <sub>1DMp</sub> ]	(Note 2)	–
MT_TT_So_MI_1DMp_CoS[1... M <sub>1DMp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_So_MI_1DMp_Length[1... M <sub>1DMp</sub> ]	Non-negative integer representing number of bytes for the length of the padding TLV <sub>r</sub>	0
MT_TT_So_MI_SLp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_So_MI_SLp_Enable[1... M <sub>SLp</sub> ]	True, false	False
MT_TT_So_MI_SLp_Period[1... M <sub>SLp</sub> ]	100 ms, 1 s, 10 s	100 ms
MT_TT_So_MI_SLp_Test_ID[1... M <sub>SLp</sub> ]	(Note 2)	–
MT_TT_So_MI_SLp_CoS[1... M <sub>SLp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_So_MI_SLp_Length[1... M <sub>SLp</sub> ]	Non-negative integer representing number of bytes for the length of the padding TLV <sub>r</sub>	0
<b>MT_TT_Sk Provisioning</b>		
MT_TT_Sk_MI_GAL_Enable	True, false	(Note 4)
MT_TT_Sk_MI_MEG_ID	String; values are OAM protocol-specific	(Note 2)

**Table 8-1 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_Sk_MI_PeerMEP_ID	String; values are OAM protocol-specific	Empty list
MT_TT_Sk_MI_CC_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_RDI_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_CC_Enable	True, false	False
MT_TT_Sk_MI_CVp_Enable	True, false (Note 3)	False
MT_TT_Sk_MI_CC_Period	3.33 ms, 10 ms, 100 ms, 1 s, 10 s, 1 min, 10 min	100 ms
MT_TT_Sk_MI_CC_CoS	0, 1, 2, 3, 4, 5, 6, 7	7
MT_TT_Sk_MI_Get_SvdCC	Last received CC frame(s) that caused defect	–
MT_TT_Sk_MI_LMp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_LMp_Enable[1...M <sub>LMp</sub> ]	True, false	False
MT_TT_Sk_MI_LMp_CoS[1...M <sub>LMp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_Sk_MI_LM_DEGM	2-10; See Table 7-1 of [ITU-T G.806]	10
MT_TT_Sk_MI_LM_M	2-10	10
MT_TT_Sk_MI_LM_DEGTHR	0% .. 100%; See Table 7-1 of [ITU-T G.806]	30%
MT_TT_Sk_MI_LM_TFMIN	FFS	FFS
MT_TT_Sk_MI_1second	–	–
MT_TT_Sk_MI_DMp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_DMp_Enable[1... M <sub>DMp</sub> ]	True, false	False
MT_TT_Sk_MI_DMp_CoS[1... M <sub>DMp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_Sk_MI_IDMp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_IDMp_Enable[1...M <sub>IDMp</sub> ]	True, false	False
MT_TT_Sk_MI_IDMp_Test_ID[1...M <sub>IDMp</sub> ]	(Note 2)	–
MT_TT_Sk_MI_SLp_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_SLp_Enable[1...M <sub>SLp</sub> ]	True, false	False
MT_TT_Sk_MI_SLp_CoS[1...M <sub>SLp</sub> ]	0, 1, 2, 3, 4, 5, 6, 7	–
MT_TT_Sk_MI_AIS_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MT_TT_Sk_MI_LCK_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A

**Table 8-1 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_Sk Reporting		
MT_TT_Sk_MI_SvdCC	Last received CC packet(s) that causes the defect	–
<p>NOTE 1 – A value must be provided at provisioning.</p> <p>NOTE 2 – The Test ID field is optional when this proactive measurement tool is used.</p> <p>NOTE 3 – The combination of MT_TT_So_MI_CC_Enable = false and MT_TT_So_MI_CVp_Enable = true is not allowed.</p> <p>NOTE 4 – <del>MI_GAL_Enable must be set to true on LSPs, to false on PWs using CW, and to true on Sections. Setting it to true on PWs not using CW is for further study.</del></p> <p><u>NOTE 4 – MI_GAL_Enable must be set to true on LSPs and sections and to false on PWs. Setting it to true for PWs is for further study.</u></p>		

**9) New clauses 8.4.1 and 8.4.2**

Add new clauses 8.4.1 and 8.4.2 as shown below, after clause 8.4.

**8.4.1 Trail termination – ITU-T G.8121.1 specific**

For an MT.NE that supports the MT\_TT function specified in [ITU-T G.8121.1], the EMF shall in addition support the management of the MI listed in Table 8-1.1:

**Table 8-1.1 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_So Provisioning		
MT_TT_So_MI_LMC_Enable	True, false	False
MT_TT_Sk Provisioning		
MT_TT_Sk_MI_LMC_Enable	True, false	False

**8.4.2 Trail termination – ITU-T G.8121.2 specific**

For an MT.NE that supports the MT\_TT function specified in [ITU-T G.8121.2], the EMF shall in addition support the management of the MI listed in Table 8-1.2:

**Table 8-1.2 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_So Provisioning		
MT_TT_So_MI_CCCV_Mode[]	Coord, Src, Sink	Coord
MT_TT_So_MI_Local_Discr[]	32-bit value	0
MT_TT_So Reporting		
MT_TT_So_MI_DMp_PeriodChanged [1...MDMp]	True, false	False
MT_TT_So_MI_LMp_PeriodChanged [1...MLMp]	True, false	False

**Table 8-1.2 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MT_TT_Sk Provisioning		
MT_TT_Sk_MI_CCCV_Mode[]	Coord, Src, Sink	Coord
MT_TT_Sk_MI_Remote_Discr[]	32-bit value	0
MT_TT_Sk_MI_PeerMEPID[]		
MT_TT_Sk_MI_DMp_CopyPad [1...MDMp]	0,128	0
MT_TT_Sk_MI_LMp_LMType[1...MLMp]	ILM, DLM	
MT_TT_Sk_MI_LMp_CountBytes[1...MLMp]	64-bit	
MT_TT_Sk_MI_PM_ClearError	True, false	False
MT_TT_Sk_MI_PM_Responder_Enable	True, false	False
MT_TT_Sk_MI_SSF_Reported	True, false	False
MT_TT_Sk_MI_RDI_Reported	True, false	False
MT_TT_Sk Reporting		
MT_TT_Sk_MI_DMp_ReportError(Error)[1...MDMp]	True, false	False
MT_TT_Sk_MI_LMp_ReportError(Error) [1...MLMp]	True, false	False
NOTE – A value must be provided at provisioning.		

**10) Updates to Table 8-2**

*Update Table 8-2 as follows.*

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
MT/MT_A_So Provisioning		
MT/MT_A_So_MI_Admin_State	LCK, normal	Normal
MT/MT_A_So_MI_Label [1...M]	16 to $(2^{20} - 1)$	(Note 2)
MT/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	(Note 1)
MT/MT_A_So_MI_CoS[1...M]	(Note 1)	(Note 1)
MT/MT_A_So_MI_PHB2EXPMapping[1...M]	(Note 1)	(Note 1)
MT/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 2)
<u>MT/MT_A_So_MI_Mode</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
<u>MT/MT_A_So_MI_LCK_OAM_Tool[1...M]</u>	<u>[ITU-T G.8113.1], [ITU-T G.8113.2]</u>	<u>N/A</u>
MT/MT_A_So_MI_LCK_Period[1...M]	1 s, 1 min	1 s
MT/MT_A_So_MI_LCK_CoS[1...M]	0..7	7
<u>MT/MT_A_So_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
<u>MT/MT_A_So_MI_APS_CoS[1...M]</u>	<u>0..7</u>	<u>7</u>



**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
MT/MT_A_So_MI_GAL_Enable[1...M]	True, false	(Note 3)
MT/MT_A_Sk Provisioning		
MT/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
MT/MT_A_Sk_MI_Label [1...M]	16 to $(2^{20} - 1)$	(Note 2)
MT/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	(Note 1)
MT/MT_A_Sk_MI_CoS[1...M]	(Note 1)	(Note 1)
MT/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
MT/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 2)
<u>MT/MT_A_Sk_MI_Mode</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
<u>MT/MT_A_Sk_MI_AIS_OAM_Tool[1...M]</u>	<u>[ITU-T G.8113.1], [ITU-T G.8113.2]</u>	<u>N/A</u>
MT/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
MT/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	7
<u>MT/MT_A_Sk_MI_LCK_OAM_Tool[1...M]</u>	<u>[ITU-T G.8113.1], [ITU-T G.8113.2]</u>	<u>N/A</u>
MT/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
MT/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	7
<u>MT/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
MT/MT_A_Sk_MI_GAL_Enable [1...M]	True, false	(Note 3)
MTDi/MT_A_Sk Provisioning		
MTDi/MT_A_Sk_MI_DS_MP_Type (Note 4) -	MEP, MIP	-
MT/ETH_A_So Provisioning		
MT/ETH_A_So_MI_Admin_State	LCK, normal	Normal
MT/ETH_A_So_MI_FCSEnable	True, false	True
MT/ETH_A_So_MI_CWEnable	True, false	True
MT/ETH_A_So_MI_SQUse	True, false	False
MT/ETH_A_So_MI_PRI2CoSMapping	(Note 1)	(Note 1)
MT/ETH_A_So_MI_MEP_MAC*	6 byte unicast MAC address	-
MT/ETH_A_So_MI_Client_MEL*	0..7	7
MT/ETH_A_So_MI_LCK_Period*	1 s, 1 min	1 s
MT/ETH_A_So_MI_LCK_Pri*	0..7	7
MT/ETH_A_So_MI_MEL*	0..7	7
MT/ETH_A_Sk Provisioning		
MT/ETH_A_Sk_MI_FCSEnable	True, false	True
MT/ETH_A_Sk_MI_CWEnable	True, false	False
MT/ETH_A_Sk_MI_SQUse	True, false	False
<u>MT/ETH_A_Sk_MI_GAL_Enable</u>	<u>True, false</u>	<u>(Note 3)</u>

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
MT/ETH_A_Sk_MI_CoS2PRIMapping	(Note 1)	(Note 1)
MT/ETH_A_Sk_MI_MEL* (NOTE – * ETH OAM related)	0..7	7
MT/ETH_A_Sk_MI_Admin_State	LCK, normal	Normal
MT/ETH_A_Sk_MI_LCK_Period *	1 s, 1 min	1 s
MT/ETH_A_Sk_MI_LCK_Pri *	0..7	7
MT/ETH_A_Sk_MI_Client_MEL *	0..7	7
MT/ETH_A_Sk_MI_MEP_MAC *	6 byte unicast MAC address	–
MT/ETH_A_Sk_MI_AIS_Pri *	0..7	7
MT/ETH_A_Sk_MI_AIS_Period *	1 s, 1 min	1 s
MT/SCC_A_So Provisioning		
MT/SCC_A_So_MI_Active	True, false	True
MT/SCC_A_So_MI_ECC_CoS	0..7	7
MT/SCC_A_So_MI_GAL_Enable	True, false	(Note 3)
MT/SCC_A_Sk Provisioning		
MT/SCC_A_Sk_MI_Active	True, false	True
MT/SCC_A_Sk_GAL_Enable	True, false	(Note 3)
MT/MCC_A_So Provisioning		
MT/MCC_A_So_MI_Active	True, false	True
MT/MCC_A_So_MI_ECC_CoS	0..7	7
MT/MCC_A_So_MI_GAL_enable	True, false	(Note 3)
MT/MCC_A_Sk Provisioning		
MT/MCC_A_Sk_MI_Active	True, false	True
MT/MCC_A_Sk_MI_GAL_Enable	True, false	(Note 3)
Sn/MT_A_So Provisioning		
Sn/MT_A_So_MI_SCCType	0..255	32
Sn/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Sn/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sn/MT_A_So_MI_CoS[1...M]	0..7	–
Sn/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	–
Sn/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	–
Sn/MT A So MI Mode[1...M]	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Sn/MT_A_Sk Provisioning		
Sn/MT_A_Sk_MI_SCCType	0..255	32
Sn/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Sn/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	(Note 1)
Sn/MT_A_Sk_MI_CoS[1...M]	(Note 1)	(Note 1)
Sn/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
Sn/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
<u>Sn/MT_A_Sk_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Sn/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
Sn/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
Sn/MT_A_Sk_MI_LCK_OAM_Tool [1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
Sn/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
Sn/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
Sn/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
Sn/MT_A_Sk_MI_AIS_OAM_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>Sn/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
Sn/MT_A_Sk_MI_GAL_enable[1...M]	True, false	(Note 3)
<b>Sn/MT_A_Sk Reporting</b>		
Sn/MT_A_Sk_MI_AcSL (see Table 9-11 of ITU-T G.707)	0..255	–
Sn/MT_A_Sk_MI_AcEXI (see Table 6-2 of ITU-T G.7041)	0..15	–
Sn/MT_A_Sk_MI_LastValidUPI (see Table 6-3 of ITU-T G.7041)	0..255	–
<b>Sn-X-L/MT_A_So Provisioning</b>		
Sn-X-L/MT_A_So_MI_SCCType (See Table 6-3 of ITU-T G.7041)	0..255	32
Sn-X-L/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Sn-X-L/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sn-X-L/MT_A_So_MI_CoS[1...M]	0..7	(Note 1)
Sn-X-L/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)
Sn-X-L/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
<u>Sn-X-L/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
<b>Sn-X-L/MT_A_Sk Provisioning</b>		
Sn-X-L/MT_A_Sk_MI_SCCType (See Table 6-3 of ITU-T G.7041)	0..255	32
Sn-X-L/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Sn-X-L/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sn-X-L/MT_A_Sk_MI_CoS[1...M]	0..7	(Note 1)
Sn-X-L/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
Sn-X-L/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
<u>Sn-X-L/MT_A_Sk_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Sn-X-L/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
Sn-X-L/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
Sn-X-L/MT_A_Sk_MI_LCK_OAM_Tool [1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
Sn-X-L/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
Sn-X-L/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
Sn-X-L/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
Sn-X-L/MT_A_Sk_MI_AIS_OAM_Tool [1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>Sn-X-L/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
Sn-X-L /MT_A_Sk_MI_GAL_Enable [1...M]	True, false	(Note 3)
Sn-X-L/MT_A_Sk Reporting		
Sn-X-L/MT_A_Sk_MI_AcSL (see Table 9-11 of [ITU-T G.707])	0..255	–
Sn-X-L/MT_A_Sk_MI_AcEXI (see Table 6-2 of [ITU-T G.7041])	0..15	–
Sn-X-L/MT_A_Sk_MI_LastValidUPI (see Table 6-3 of [ITU-T G.7041])	0..255	–
Sm/MT_A_So Provisioning		
Sm/MT_A_So_MI_SCCType	0..255	32
Sm/MT_A_So_MI_Label[1...M]	16 to (2 <sup>20</sup> )–1	(Note 2)
Sm/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sm/MT_A_So_MI_CoS[1...M]	0..7	–
Sm/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)
Sm/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
<u>Sm/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Sm/MT_A_Sk Provisioning		
Sm/MT_A_Sk_MI_SCCType	0..255	32
Sm/MT_A_Sk_MI_Label[1...M]	16 to (2 <sup>20</sup> – 1)	(Note 2)
Sm/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sm/MT_A_Sk_MI_CoS[1...M]	0..7	–
Sm/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
Sm/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
<u>Sm/MT_A_Sk_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Sm/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
Sm/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
Sm/MT_A_Sk_MI_LCK_OAM_Tool [1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
Sm/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
Sm/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
Sm/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
Sm/MT_A_Sk_MI_AIS_OAM_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>Sm/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
Sm/MT_A_Sk_MI_GAL_Enable[1...M]	True, false	(Note)
<b>Sm/MT_A_Sk Reporting</b>		
Sm/MT_A_Sk_MI_AcSL (see Table 9-12 and Table 9-13 of [ITU-T G.707])	0..255	–
Sm/MT_A_Sk_MI_AcEXI (see Table 6-2 of [ITU-T G.7041])	0..15	–
Sm/MT_A_Sk_MI_LastValidUPI (see Table 6-3 of [ITU-T G.7041])	0..255	–
<b>Sm-X-L/MT_A_So Provisioning</b>		
Sm-X-L/MT_A_So_MI_SCCType	0..255	32
Sm-X-L/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Sm-X-L/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sm-X-L/MT_A_So_MI_CoS[1...M]	0..7	–
Sm-X-L/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)
Sm-X-L/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
<u>Sm-X-L/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
<b>Sm-X-L/MT_A_Sk Provisioning</b>		
Sm-X-L/MT_A_Sk_MI_SCCType	0..255	32
Sm-X-L/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Sm-X-L/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Sm-X-L/MT_A_Sk_MI_CoS[1...M]	0..7	–
Sm-X-L/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
Sm-X-L/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
<u>Sm-X-L/MT_A_Sk_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Sm-X-L/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
Sm-X-L/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
Sm-X-L/MT_A_Sk_MI_LCK_OAM_Tool [1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
Sm-X-L/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
Sm-X-L/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
Sm-X-L/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
Sm-X-L/MT_A_Sk_MI_AIS_OAM_Tool [1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>Sm-X-L/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
Sm-X-L/MT_A_Sk_MI_GAL_Enable[1...M]	True, false	(Note 3)
<b>Sm-X-L/MT_A_Sk Reporting</b>		
Sm-X-L/MT_A_Sk_MI_AcSL	0..255	–
Sm-X-L/MT_A_Sk_MI_AcEXI	0..15	–
Sm-X-L/MT_A_Sk_MI_LastValidUPI	0..255	–

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
Pq/MT_A_So Provisioning		
Pq/MT_A_So_MI_SCCType	0..255	32
Pq/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Pq/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Pq/MT_A_So_MI_CoS[1...M]	0..7	–
Pq/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)
Pq/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
<u>Pq/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Pq/MT_A_Sk Provisioning		
Pq/MT_A_Sk_MI_SCCType	0..255	32
Pq/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Pq/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Pq/MT_A_Sk_MI_CoS[1...M]	0..7	–
Pq/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
Pq/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
<u>Pq/MT_A_Sk_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Pq/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
Pq/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
Pq/MT_A_Sk_MI_LCK_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
Pq/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
Pq/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
Pq/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
Pq/MT_A_Sk_MI_AIS_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>Pq/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
Pq/MT_A_Sk_MI_GAL_Enable [1...M]	True, false	(Note 3)
Pq/MT_A_Sk Reporting		
Pq/MT_A_Sk_MI_AcSL (see clause 2.1.2 of [ITU-T G.832])	0..7	–
Pq/MT_A_Sk_MI_AcEXI (see Table 6-2 of [ITU-T G.7041])	0..15	–
Pq/MT_A_Sk_MI_LastValidUPI (see Table 6-3 of [ITU-T G.7041])	0..255	–
Pq-X-L/MT_A_So Provisioning		
Pq-X-L/MT_A_So_MI_SCCType	0..255	32
Pq-X-L/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Pq-X-L/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Pq-X-L/MT_A_So_MI_CoS[1...M]	0..7	–
Pq-X-L/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
Pq-X-L/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
<u>Pq-X-L/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Pq-X-L/MT_A_Sk Provisioning		
Pq-X-L/MT_A_Sk_MI_SCCType	0..255	32
Pq-X-L/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
Pq-X-L/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–
Pq-X-L/MT_A_Sk_MI_CoS[1...M]	0..7	–
Pq-X-L/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
Pq-X-L/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
<u>Pq-X-L/MT_A_Sk_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
Pq-X-L/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
Pq-X-L/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
Pq-X-L/MT_A_Sk_MI_LCK_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
Pq-X-L/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
Pq-X-L/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
Pq-X-L/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
Pq-X-L/MT_A_Sk_MI_AIS_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>Pq-X-L/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>FFS</u>	<u>FFS</u>
Pq-X-L/MT_A_Sk_MI_GAL_Enable[1...M]	True, false	(Note 3)
Pq-X-L/MT_A_Sk Reporting		
Pq-X-L/MT_A_Sk_MI_AcSL	0..7	–
Pq-X-L/MT_A_Sk_MI_AcEXI	0..15	–
Pq-X-L/MT_A_Sk_MI_LastValidUPI	0..255	–
ODUKP/MT_A_So Provisioning		
ODUKP/MT_A_So_MI_Active	True, false	False
ODUKP/MT_A_So_MI_SCCType	0..255	32
ODUKP/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
ODUKP/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
ODUKP/MT_A_So_MI_CoS[1...M]	0..7	–
ODUKP/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)
ODUKP/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
<u>ODUKP/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
ODUKP/MT_A_Sk Provisioning		
ODUKP/MT_A_Sk_MI_Active	True, false	False
ODUKP/MT_A_Sk_MI_SCCType	0..255	32
ODUKP/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
ODUKP/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
ODUKP/MT_A_Sk_MI_CoS[1...M]	0..7	–
ODUKP/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
ODUKP/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
ODUKP/MT_A_So_MI_Mode[1...M]	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
ODUKP/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
ODUKP/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
ODUKP/MT_A_Sk_MI_LCK_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
ODUKP/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
ODUKP/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
ODUKP/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
ODUKP/MT_A_Sk_MI_AIS_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
ODUKP/MT_A_Sk_MI_APS_OAM_Tool[1...M]	<u>FFS</u>	<u>FFS</u>
ODUKP/MT_A_Sk_MI_GAL_Enable[1...M]	True, false	(Note 3)
ODUKP/MT_A_Sk Reporting		
ODUKP/MT_A_Sk_MI_AcPT (see Table 15-8 of [ITU-T G.709])	0..255	–
ODUKP/MT_A_Sk_MI_AcEXI (see Table 6-2 of [ITU-T G.7041])	0..15	–
ODUKP/MT_A_Sk_MI_LastValidUPI (see Table 6-3 of [ITU-T G.7041])	0..255	–
ODUKP-X-L/MT_A_So Provisioning		
ODUKP-X-L/MT_A_So_MI_Active	True, false	False
ODUKP-X-L/MT_A_So_MI_SCCType	0..255	32
ODUKP-X-L/MT_A_So_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
ODUKP-X-L/MT_A_So_MI_LSPTType[1...M]	E-LSP, L-LSP	–
ODUKP-X-L/MT_A_So_MI_CoS[1...M]	0..7	–
ODUKP-X-L/MT_A_So_PHB2TCMapping[1...M]	(Note 1)	(Note 1)
ODUKP-X-L/MT_A_So_MI_QoSEncodingMode[1...M]	A, B	(Note 1)
ODUKP-X-L/MT_A_So_MI_Mode[1...M]	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
ODUKP-X-L/MT_A_Sk Provisioning		
ODUKP-X-L/MT_A_Sk_MI_Active	True, false	False
ODUKP-X-L/MT_A_Sk_MI_SCCType	0..255	32
ODUKP-X-L/MT_A_Sk_MI_Label[1...M]	16 to $(2^{20} - 1)$	(Note 2)
ODUKP-X-L/MT_A_Sk_MI_LSPTType[1...M]	E-LSP, L-LSP	–
ODUKP-X-L/MT_A_Sk_MI_CoS[1...M]	0..7	–
ODUKP-X-L/MT_A_Sk_MI_TC2PHBMapping[1...M]	(Note 1)	(Note 1)
ODUKP-X-L/MT_A_Sk_MI_QoSDecodingMode[1...M]	A, B	(Note 1)
ODUKP-X-L/MT_A_Sk_MI_Mode[1...M]	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>



**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
ODUKP-X-L/MT_A_Sk_MI_LCK_Period[1...M]	1 s, 1 min	1 s
ODUKP-X-L/MT_A_Sk_MI_LCK_CoS[1...M]	0..7	–
ODUKP-X-L/MT_A_Sk_MI_LCK_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
ODUKP-X-L/MT_A_Sk_MI_Admin_State	LCK, normal	Normal
ODUKP-X-L/MT_A_Sk_MI_AIS_Period[1...M]	1 s, 1 min	1 s
ODUKP-X-L/MT_A_Sk_MI_AIS_CoS[1...M]	0..7	–
ODUKP-X-L/MT_A_Sk_MI_AIS_Tool[1...M]	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
ODUKP-X-L/MT_A_Sk_MI_APS_OAM_Tool[1...M]	<u>FFS</u>	<u>FFS</u>
ODUKP-X-L/MT_A_Sk_MI_GAL_Enable[1...M]	True, false	(Note 3)
<b>ODUKP-X-L/MT_A_Sk Reporting</b>		
ODUKP-X-L/MT_A_Sk_MI_AcVcPT (see Table 15-8 of [ITU-T G.709])	0..255	–
ODUKP-X-L/MT_A_Sk_MI_AcEXI (see Table 6-2 of [ITU-T G.7041])	0..15	–
ODUKP-X-L/MT_A_Sk_MI_LastValidUPI (see Table 6-3 of [ITU-T G.7041])	0..255	–
<b>ODUKP-h/MT_A So Provisioning</b>		
<u>ODUKP-h/MT_A_So_MI_Active</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_So_MI_SCCType</u>	<u>0..255</u>	<u>32</u>
<u>ODUKP-h/MT_A_So_MI_Label[1...M]</u>	<u>16 to (2<sup>20</sup> – 1)</u>	<u>(Note 2)</u>
<u>ODUKP-h/MT_A_So_MI_LSPTType[1...M]</u>	<u>E-LSP, L-LSP</u>	<u>=</u>
<u>ODUKP-h/MT_A_So_MI_CoS[1...M]</u>	<u>0..7</u>	<u>=</u>
<u>ODUKP-h/MT_A_So_PHB2TCMapping[1...M]</u>	<u>(Note 1)</u>	<u>=</u>
<u>ODUKP-h/MT_A_So_MI_QoSEncodingMode[1...M]</u>	<u>A, B</u>	<u>=</u>
<u>ODUKP-h/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
<u>ODUKP-h/MT_A_So_MI_GAL_Enable[1...M]</u>	<u>True, false</u>	<u>(Note 3)</u>
<u>ODUKP-h/MT_A_So_MI_APS_OAM_CoS[1...M]</u>	<u>0..7</u>	<u>7</u>
<u>ODUKP-h/MT_A_So_MI_APS_OAM_Tool[1...M]</u>	<u>[ITU-T G.8113.1], [ITU-T G.8113.2]</u>	<u>N/A</u>
<u>ODUKP-h/MT_A_So_MI_INCREASE</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_So_MI_DECREASE</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_So_MI_TSNUM</u>	<u>According to [ITU-T G.7044]</u>	<u>Not applicable</u>
<u>ODUKP-h/MT_A_So_MI_ODUflexRate</u>	<u>FlexCBR, FlexGFP</u>	<u>N/A</u>
<b>ODUKP-h/MT_A So reporting</b>		
<u>ODUKP-h/MT_A_So_MI_ADJSTATE</u>	<u>According to [ITU-T G.7044]</u>	<u>Not applicable</u>

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
<u>ODUKP-h/MT_A_Sk provisioning</u>		
<u>ODUKP-h/MT_A_Sk_MI_Active</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_Sk_MI_SCCType</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_Sk_MI_Label[1...M]</u>	<u>0..255</u>	<u>32</u>
<u>ODUKP-h/MT_A_Sk_MI_LSPTType[1...M]</u>	<u>16 to (2**20)-1</u>	<u>(Note 2)</u>
<u>ODUKP-h/MT_A_Sk_MI_CoS[1...M]</u>	<u>E-LSP, L-LSP</u>	<u>=</u>
<u>ODUKP-h/MT_A_Sk_MI_TC2PHBMapping[1...M]</u>	<u>0..7</u>	<u>=</u>
<u>ODUKP-h/MT_A_Sk_MI_QoSDecodingMode[1...M]</u>	<u>(Note 1)</u>	<u>=</u>
<u>ODUKP/MT_A_Sk_MI_Mode[1...M]</u>	<u>A, B</u>	<u>=</u>
<u>ODUKP-h/MT_A_Sk_MI_LCK_Period[1...M]</u>	<u>1 s, 1 min</u>	<u>1 s</u>
<u>ODUKP-h/MT_A_Sk_MI_LCK_CoS[1...M]</u>	<u>0..7</u>	<u>7</u>
<u>ODUKP-h/MT_A_Sk_MI_LCK_Tool[1...M]</u>	<u>ITU-T G.8113.1, ITU-T G.8113.2</u>	<u>N/A</u>
<u>ODUKP-h/MT_A_Sk_MI_Admin_State</u>	<u>LCK, normal</u>	<u>Normal</u>
<u>ODUKP-h/MT_A_Sk_MI_AIS_Period[1...M]</u>	<u>1 s, 1 min</u>	<u>1 s</u>
<u>ODUKP-h/MT_A_Sk_MI_AIS_CoS[1...M]</u>	<u>0..7</u>	<u>7</u>
<u>ODUKP-h/MT_A_Sk_MI_AIS_Tool[1...M]</u>	<u>ITU-T G.8113.1, ITU-T G.8113.2</u>	<u>N/A</u>
<u>ODUKP-h/MT_A_Sk_MI_GAL_Enable[1...M]</u>	<u>True, false</u>	<u>(Note 3)</u>
<u>ODUKP-h/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	<u>[ITU-T G.8113.1], [ITU-T G.8113.2]</u>	<u>N/A</u>
<u>ODUKP-h/MT_A_Sk_MI_INCREASE</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_Sk_MI_DECREASE</u>	<u>True, false</u>	<u>False</u>
<u>ODUKP-h/MT_A_Sk reporting</u>		
<u>ODUKP-h/MT_A_Sk_MI_AcPT</u>	<u>According to [ITU-T G.709]</u>	<u>Not applicable</u>
<u>ODUKP-h/MT_A_Sk_MI_AcEXI</u>	<u>According to [ITU-T G.709]</u>	<u>Not applicable</u>
<u>ODUKP-h/MT_A_Sk_MI_LastValidUPI</u>	<u>According to [ITU-T G.709]</u>	<u>Not applicable</u>
<u>ETH/MT_A_So Provisioning</u>		
<u>ETH/MT_A_So_MI_Label[1...M]</u>	<u>16 to (2<sup>20</sup> – 1)</u>	<u>(Note 2)</u>
<u>ETH/MT_A_So_MI_LSPTType[1...M]</u>	<u>E-LSP, L-LSP</u>	<u>(Note 1)</u>
<u>ETH/MT_A_So_MI_CoS[1...M]</u>	<u>(Note 1)</u>	<u>(Note 1)</u>
<u>ETH/MT_A_So_PHB2TCMapping[1...M]</u>	<u>(Note 1)</u>	<u>(Note 1)</u>
<u>ETH/MT_A_So_MI_QoSEncodingMode[1...M]</u>	<u>A, B</u>	<u>(Note 2)</u>
<u>ETH/MT_A_So_MI_Mode[1...M]</u>	<u>Mode 1, Mode 2</u>	<u>Mode 1</u>
<u>ETH/MT_A_So_MI_Etype</u>		

**Table 8-2 – Provisioning and reporting for adaptation functions**

MI signal	Value range	Default value
ETH/MT_A_Sk Provisioning		
<u>ETH/MT_A_Sk_MI_Label[1...M]</u>	16 to $(2^{20} - 1)$	(Note 2)
<u>ETH/MT_A_Sk_MI_LSPTYPE[1...M]</u>	E-LSP, L-LSP	=
<u>ETH/MT_A_Sk_MI_CoS[1...M]</u>	0..7	=
<u>ETH/MT_A_Sk_MI_TC2PHBMapping[1...M]</u>	(Note 1)	(Note 1)
<u>ETH/MT_A_Sk_MI_QoSDecodingMode[1...M]</u>	A, B	(Note 1)
<u>ETH/MT_A_Sk_MI_Mode[1...M]</u>	Mode 1, Mode 2	Mode 1
<u>ETH/MT_A_Sk_MI_LCK_Enable[1...M]</u>	True, false	True
<u>ETH/MT_A_Sk_MI_LCK_Period[1...M]</u>	1 s, 1 min	1 s
<u>ETH/MT_A_Sk_MI_LCK_CoS[1...M]</u>	0..7	7
<u>ETH/MT_A_Sk_MI_LCK_OAM_Tool[1...M]</u>	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>ETH/MT_A_Sk_MI_Admin_State</u>	LCK, normal	Normal
<u>ETH/MT_A_Sk_MI_AIS_Enable[1...M]</u>	True, false	True
<u>ETH/MT_A_Sk_MI_AIS_Period[1...M]</u>	1 s, 1 min	1 s
<u>ETH/MT_A_Sk_MI_AIS_CoS[1...M]</u>	0..7	7
<u>ETH/MT_A_Sk_MI_AIS_OAM_Tool[1...M]</u>	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>ETH/MT_A_Sk_MI_APS_OAM_Tool[1...M]</u>	FFS	FFS
<p>NOTE 1 – According to [ITU-T G.8121/Y.1381].</p> <p>NOTE 2 – A value must be provided at provisioning.</p> <p>NOTE 3 – <u>MI_GAL_Enable</u> must be set to true on LSPs and sections and to false on PWs. Setting it to true for PWs is for further study.</p> <p><del>NOTE 3 – <u>MI_GAL_Enable</u> must be set to true on LSPs, to false on PWs using CW, and to true on Sections. Setting it to true on PWs not using CW is for further study.</del></p> <p>NOTE 4 – This MI should be properly configured by the EMF on the basis of the MPLS-TP connection configuration within the node but not exposed to the operator as a configuration parameter in the NE/EMS management interface. See clause 9.4.2.2.2 of [ITU-T G.8121] and its Appendix I for examples of configuration of this MI.</p>		

**11) New clauses 8.5.1 and 8.5.2**

Add new clauses 8.5.1 and 8.5.2 as shown below, after clause 8.5.

**8.5.1 Adaptation – ITU-T G.8121.1 specific**

For an MT.NE that supports the adaptation functions specified in [ITU-T G.8121.1], there is no additional MI to be managed beyond those listed in Table 8-2 above.

**8.5.2 Adaptation – ITU-T G.8121.2 specific**

For an MT.NE that supports the adaptation functions specified in [ITU-T G.8121.2], there is no additional MI to be managed beyond those listed in Table 8-2 above.

12) Updates to Table 8-3

Update Table 8-3 as follows.

**Table 8-3 – Provisioning and reporting for diagnostic trail termination function**

MI signal	Value range	Default value
MTDe_TT_So Provisioning		
MTDe_TT_So_MI_GAL_Enable	True, false	(Note 3)
MTDe_TT_So_MI_TTLVALUE	0..255	255
MTDe_TT_So_MI_CV_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_So_MI_CV_Series (TTL,CoS, N,Length,Period) (Note 6)	<u>TTL: 0..255</u> <u>CoS: 0..7</u> <u>N: 1..n (Note 4)</u> <u>Length: 0..L (Note 5)</u> <u>Period: 5..10 sec.</u>	Default value of N: 3 Default value of Length: 0 Default value of Period: 5 sec.
MTDe_TT_So_MI_1TH_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_So_MI_1TH_Start(CoS, <u>Pattern</u> , Length,Period) (Note 7)	CoS: 0..7 Length: 0..L (Note 5) <u>Patterns</u> , Period: For further study	Default value of Length: 0
MTDe_TT_So_MI_1TH_Terminate	–	–
MTDe_TT_So_MI_LMo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_So_MI_LMo_Start(CoS,Period) [1...M <sub>LMo</sub> ]	CoS: 0..7 Period: 100 ms, 1 s, 10 s	
MTDe_TT_So_MI_LMo_Terminate [1...M <sub>LMo</sub> ]	–	–
MTDe_TT_So_MI_DMo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_So_MI_DMo_Start(CoS,Test_I D,Length,Period)[1...M <sub>DMo</sub> ]	CoS: 0..7 Test_ID: (Note 2) Length: 0..L (Note 5) Period: 1s, 10 s, 1 min	Default value of Length: 0 Default value of Period: 1 min
MTDe_TT_So_MI_DMo_Terminate [1...M <sub>DMo</sub> ]	–	–
MTDe_TT_So_MI_1DMo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_So_MI_1DMo_Start(CoS,Test_I D,Length,Period)[1...M <sub>1DMo</sub> ]	CoS: 0..7 Test_ID: (Note 2) Length: 0..L (Note 5) Period: 100 ms, 1 s, 10 s	Default value of Length: 0
MTDe_TT_So_MI_1DMo_Terminate [1...M <sub>1DMo</sub> ]	–	–

**Table 8-3 – Provisioning and reporting for diagnostic trail termination function**

MI signal	Value range	Default value
MTDe_TT_So_MI_SLo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_So_MI_SLo_Start(CoS,Test_ID, Length,Period)[1...M <sub>SLo</sub> ]	CoS: 0..7 Test_ID: (Note 2) Length: 0..L (Note 5) Period: 0.1 ms, 0.5 ms, 1 ms, 3.3 ms, 10 ms, 100 ms	Default value of Length: 0 Default value of Period: 10 ms
MTDe_TT_So_MI_SLo_Terminate[1...M <sub>SLo</sub> ]	–	
MTDe_TT_So_MI_Admin_State	LCK, normal	Normal
MTDe_TT_So_MI_Lock_Intsruct_Enable	True, false	True
<u>MTDe_TT_So_MI_DP_Loopback_Enable</u>	<u>True, false</u>	<u>False</u>
MTDe_TT_So Reporting		
MTDe_TT_So_MI_CV_Series_Result (REC,ERR,OO) (Note 6)	<u>FFS</u>	–
MTDe_TT_So_MI_1TH_Result(Sent)	–	–
MTDe_TT_So_MI_LMo_Result(N_TF,N_L F,F_TF,F_LF)[1...M <sub>LMo</sub> ]	–	–
MTDe_TT_So_MI_DMo_Result(count,B_F D[],F_FD[],N_FD[])[1...M <sub>DMo</sub> ]	–	–
MTDe_TT_So_MI_SLo_Result(N_TF,N_L F,F_TF,F_LF)[1...M <sub>SLo</sub> ]	–	–
MTDe_TT_Sk Provisioning		
MTDe_TT_Sk_MI_GAL_Enable	True, false	(Note 3)
MTDe_TT_Sk_MI_CV_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_Sk_MI_1TH_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_Sk_MI_1TH_Start(Pattern, Length, Period) (Note 8)	<u>FFS</u>	
MTDe_TT_Sk_MI_1TH_Terminate	–	–
MTDe_TT_Sk_MI_LMo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_Sk_MI_DMo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_Sk_MI_1DMo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
MTDe_TT_Sk_MI_1DMo_Start(Test_ID)[1 ...M <sub>1DMo</sub> ]	(Note 2)	–
MTDe_TT_Sk_MI_1DMo_Terminate[1...M <sub>1DMo</sub> ]	–	–

**Table 8-3 – Provisioning and reporting for diagnostic trail termination function**

MI signal	Value range	Default value
MTDe_TT_Sk_MI_SLo_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>MTDe_TT_Sk_MI_DP_Loopback_Enable</u>	<u>True, false</u>	<u>False</u>
MTDe_TT_Sk Reporting		
MTDe_TT_Sk_MI_1TH_Result(REC,CRC, BER,OO)	–	–
MTDe_TT_Sk_MI_1DMo_Result (count,N_FD[])[1...M <sub>DMo</sub> ]	–	–
MTDe_TT_Sk_MI_Admin_State_Request	Trigger to LCK, Trigger to normal	–
MTDi_TT_So Provisioning		
MTDi_TT_So_MI_GAL_Enable	True, false	(Note 3)
MTDi_TT_So_MI_TTLVALUE	0..255	255
MTDe_TT_So_MI_MIP_ID	String; values are OAM protocol-specific	(Note 1)
MTDi_TT_So_MI_CV_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>MTDi_TT_So_MI_DP_Loopback_Enable</u>	<u>True, false</u>	<u>False</u>
MTDi_TT_Sk Provisioning		
MTDi_TT_Sk_MI_GAL_Enable	<u>True, false</u>	(Note 3)
MTDe_TT_Sk_MI_MIP_ID	String; values are OAM protocol-specific	(Note 1)
MTDi_TT_Sk_MI_CV_OAM_Tool	[ITU-T G.8113.1], [ITU-T G.8113.2]	N/A
<u>MTDi_TT_Sk_MI_DP_Loopback_Enable</u>	<u>True, false</u>	<u>False</u>
<p>NOTE 1 – A value must be provided at provisioning.</p> <p>NOTE 2 – The Test ID field is optional when this proactive measurement tool is used.</p> <p><del>NOTE 3 – MI_GAL_Enable must be set to true on LSPs, to false on PWs using CW, and to true on Sections. Setting it to true on PWs not using CW is for further study.</del></p> <p><u>NOTE 3 – MI_GAL_Enable must be set to true on LSPs and sections and to false on PWs. Setting it to true for PWs is for further study.</u></p> <p>NOTE 4 – The value of n depends on implementation, e.g., 2<sup>32</sup>.</p> <p>NOTE 5 – The value of L depends on implementation, e.g., 2<sup>32</sup>.</p> <p><del>NOTE 6 – The CV_Series_Result parameters are OAM protocol-specific.</del></p> <p><u>NOTE 6 – The CV_Series_Result parameters are OAM protocol-specific to ITU-T G.8121.1.</u></p> <p><u>NOTE 7 – Pattern is ITU-T G.8121.1 specific.</u></p> <p><u>NOTE 8 – Pattern, Length, and Period are ITU-T G.8121.1 specific.</u></p>		

### 13) New clauses 8.6.1 and 8.6.2

Add new clauses 8.6.1 and 8.6.2 as shown below, after clause 8.6.

#### 8.6.1 Diagnostic – ITU-T G.8121.1 specific

For an MT.NE that supports the MTDe\_TT function specified in [ITU-T G.8121.1], the EMF shall in addition support the management of the MI listed in Table 8-3.1 below.

**Table 8-3.1 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MTDe_TT_So Provisioning		
MTDe_TT_So_MI_CV_Test(CoS, Pattern, Length, Period)	See [ITU-T G.8121.1]	
MTDe_TT_So Reporting		
MTDe_TT_So_MI_CV_Test_Result(Sent, REC, REC, ERR, OO)	See [ITU-T G.8121.1]	
MTDe_TT_Sk Provisioning		
MTDe_TT_Sk_MI_MEP_ID	See [ITU-T G.8121.1]	

#### 8.6.2 Diagnostic – ITU-T G.8121.2 specific

For an MT.NE that supports the MT\_TT function specified in [ITU-T G.8121.2], the EMF shall in addition support the management of the MI listed in Table 8-3.2 below:

**Table 8-3.2 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MTDe_TT_So Provisioning		
MTDe_TT_So_MI_Target_FEC	See [ITU-T G.8121.2]	–
MTDe_TT_So_MI_Iffnum	See [ITU-T G.8121.2]	–
MTDe_TT_So_MI_MTU	See [ITU-T G.8121.2]	–
MTDe_TT_So_MI_ODCV_Trace	True, false	True
MTDe_TT_So_MI_FEC_Checking	True, false	True
MTDe_TT_Sk_MI_DMo_Start(CoS, Test_ID, Length, Period, CopyPad)[1...M <sub>DMo</sub> ] (Note 1)	CoS: 0..7 Length: 0..L (Note 2) Period: 1s, 10 s, 1 min CopyPad: true, false	
MTDe_TT_Sk_MI_LMo_Start(CoS, Test_ID, Period, LMType, CountBytes)[1...MLMo] (Note 1)	CoS: 0..7 Period: 1s, 10 s, 1 min LMType: ILM, DLM CountBytes: true, false	
MTDe_TT_Sk_MI_LMDMo_Start(CoS, Test_ID, Length, Period, LMType, CountBytes, CopyPad)[1...MLMDMo]	CoS: 0..7 Length: 0..L Period: 1s, 10 s, 1 min LMType: ILM, DLM CountBytes: true, false CopyPad: true, false	

**Table 8-3.2 – Provisioning and reporting for termination functions**

MI signal	Value range	Default value
MTDe_TT_Sk_MI_LMDMo_Terminate [1...M <sub>LMDMo</sub> ]	–	
MTDe_TT_So_MI_LI_Period	1, 255	1
MTDe_TT_So_MI_LI_MEPID	0..255	255
MTDe_TT_So_MI_LI_CoS	0, 1, 2, 3, 4, 5, 6, 7	7
MTDe_TT_Sk Provisioning		
MTDe_TT_Sk_MI_PM_Responder_Enable	True, false	False
MTDe_TT_Sk Reporting		
MTDe_TT_Sk_MI_ODCV_Ping_Result	See [ITU-T G.8121.2]	–
MTDe_TT_Sk_MI_ODCV_Trace_Result	See [ITU-T G.8121.2]	–
MTDe_TT_Sk_MI_ODCV_FWErr	See [ITU-T G.8121.2]	–
MTDe_TT_Sk_MI_ODCV_BWErr	See [ITU-T G.8121.2]	–
MTDe_TT_Sk_MI_DMo_ReportError (Error) [1...M <sub>DMo</sub> ]	True, false	False
MTDe_TT_Sk_MI_DMo_PeriodChanged [1...M <sub>DMo</sub> ]	True, false	False
MTDe_TT_Sk_MI_LMo_ReportError (Error) [1...M <sub>LMo</sub> ]	True, false	False
MTDe_TT_Sk_MI_LMo_PeriodChanged [1...M <sub>LMo</sub> ]	True, false	False
MTDe_TT_Sk_MI_DMo_Result(count, B_FD[], F_FD[], N_FD[])[1...M <sub>DMo</sub> ] (Note 1)		
MTDe_TT_Sk_MI_LMo_Result(N_TF, N_LF, F_TF, F_LF)[1...M <sub>LMo</sub> ] (Note 1)		
MTDi_TT_So Provisioning		
MTDi_TT_So_MI_Target_FEC	See [ITU-T G.8121.2]	–
MTDi_TT_So_MI>Ifnum	See [ITU-T G.8121.2]	–
MTDi_TT_So_MI_MTU	See [ITU-T G.8121.2]	–
MTDi_TT_Sk Provisioning		
MTDi_TT_Sk_MI_FEC_Checking	See [ITU-T G.8121.2]	–
NOTE 1 – These MI signals are defined in MTDe_TT_So in [ITU-T G.8121]. [ITU-T G.8121.2] does not use these MI signals, as defined in Table 8-3 of this Recommendation.		
NOTE 2 – The value of L depends on implementation, e.g., 2 <sup>32</sup> .		



**14) New clauses 8.7.1 and 8.7.2**

*Add new clauses 8.7.1 and 8.7.2 as shown below, after clause 8.7.*

**8.7.1 Connection – ITU-T G.8121.1 specific**

For an MT.NE that supports the MT\_C functions specified in [ITU-T G.8121.1], there is no additional MI to be managed beyond those listed in Table 8-4 above.

**8.7.2 Connection – ITU-T G.8121.2 specific**

For an MT.NE that supports the MT\_C functions specified in [ITU-T G.8121.2], there is no additional MI to be managed beyond those listed in Table 8-2 above.



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