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Abstract

This document provides Draft Corrigendum 1 to G.8121 (2016) per the agreement on C.1928.

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Annex

Corrigendum 1 to Recommendation ITU-T G.8121/Y.1381

Characteristics of MPLS-TP equipment functional blocks: Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.8121/Y.1381 (2016) removes irrelevant indexes in a few “OAM Tool” MIs.

Corrigendum 1 to Recommendation ITU-T G.8121/Y.1381

Characteristics of MPLS-TP equipment functional blocks: Corrigendum 1

1) Scope of Corrigendum 1

This corrigendum removes irrelevant indexes in a few "OAM Tool" MIs.

2) Clause 9.2.1.1, MPLS-TP Trail Termination Source function (MT_TT_So)

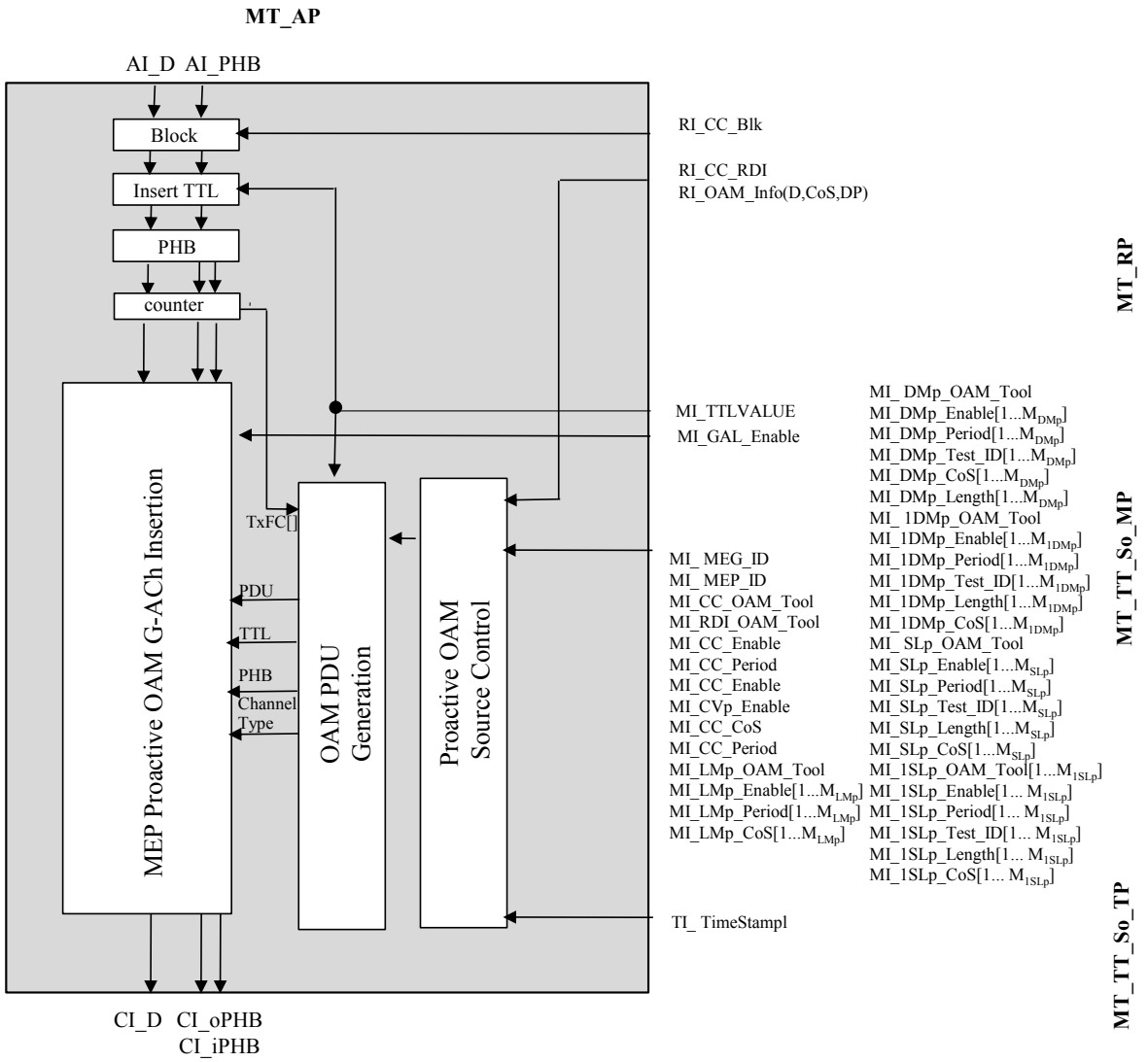
Update Table 9-2 as indicated:

Table 9-2/G.8121/Y.1381 – MT_TT_So inputs and outputs

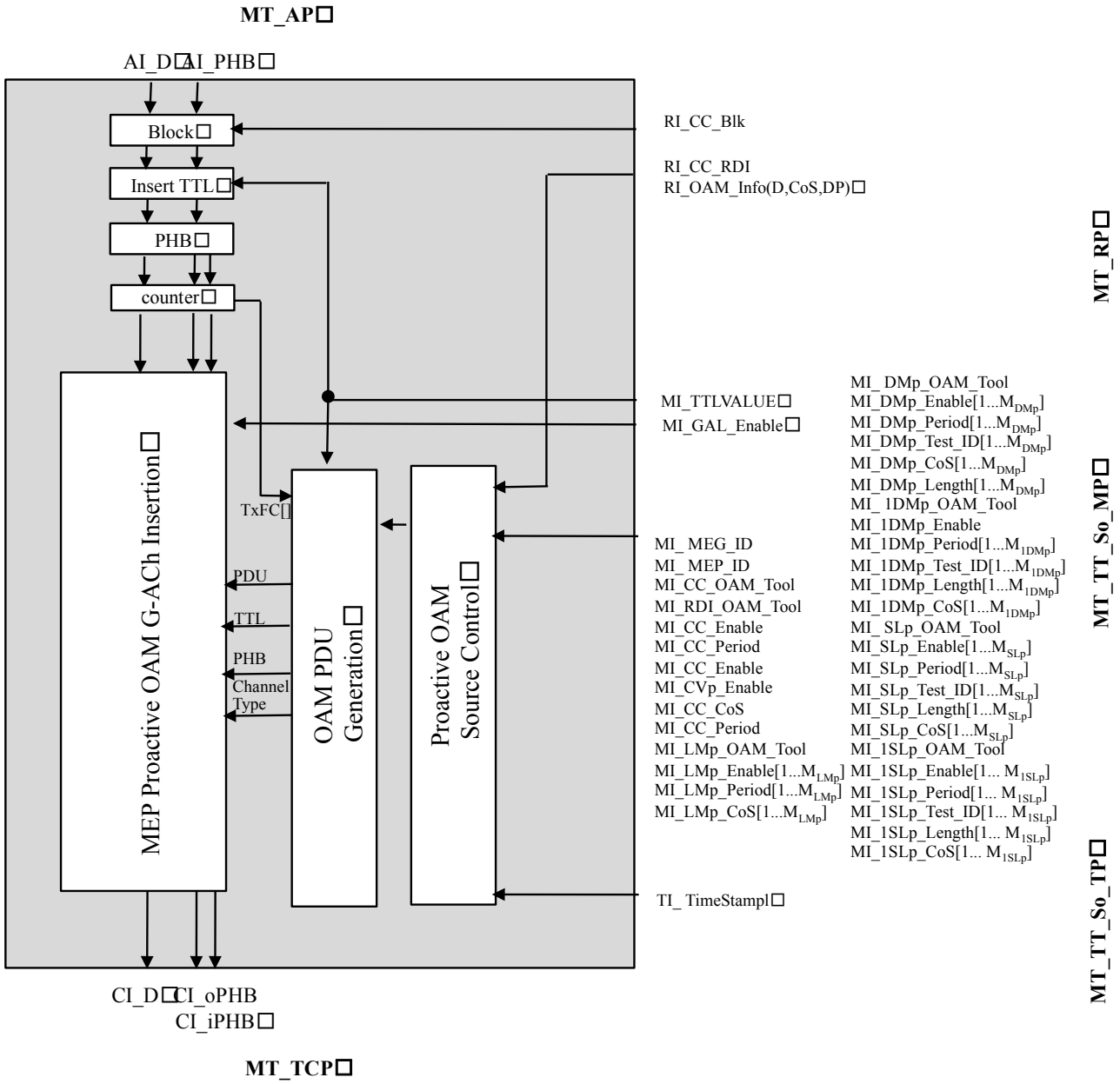
Input(s)	Output(s)
MT_AP: MT_AI_D MT_AI_PHB **MT_RP:** MT_RI_CC_RDI MT_RI_CC_Blk MT_RI_OAM_Info(D,CoS,DP) **MT_TT_So_MP:** MT_TT_So_MI_GAL_Enable MT_TT_So_MI_TTLVALUE MT_TT_So_MI_ MEG_ID MT_TT_So_MI_ MEP_ID MT_TT_So_MI_CC_OAM_Tool MT_TT_So_MI_RDI_OAM_Tool MT_TT_So_MI_CC_Enable (Note) MT_TT_So_MI_CVp_Enable (Note) MT_TT_So_MI_CC_CoS MT_TT_So_MI_CC_Period MT_TT_So_MI_1LMp_Enable MT_TT_So_MI_LMp_OAM_Tool~~[1...M_{LMp}]~~ MT_TT_So_MI_LMp_Enable[1...M_{LMp}] MT_TT_So_MI_LMp_Period[1...M_{LMp}] MT_TT_So_MI_LMp_CoS[1...M_{LMp}] MT_TT_So_MI_DMp_OAM_Tool~~[1...M_{DMp}]~~ MT_TT_So_MI_DMp_Enable[1...M_{DMp}] MT_TT_So_MI_DMp_Period[1...M_{DMp}] MT_TT_So_MI_DMp_Test_ID[1...M_{DMp}]	**MT_TCP:** MT_CI_D MT_CI_oPHB MT_CI_iPHB **MT_RP:**

MT_TT_So_MI_DMp_CoS[1...M_{DMp}] MT_TT_So_MI_DMp_Length[1...M_{DMp}] MT_TT_So_MI_1DMp_OAM_Tool~~[1...M_{1DMp}]~~ MT_TT_So_MI_1DMp_Enable[1...M_{1DMp}] MT_TT_So_MI_1DMp_Period[1...M_{1DMp}] MT_TT_So_MI_1DMp_Test_ID[1...M_{1DMp}] MT_TT_So_MI_1DMp_Length[1...M_{1DMp}] MT_TT_So_MI_1DMp_CoS[1...M_{1DMp}] MT_TT_So_MI_SLp_OAM_Tool~~[1...M_{SLp}]~~ MT_TT_So_MI_SLp_Enable[1...M_{SLp}] MT_TT_So_MI_SLp_Period[1...M_{SLp}] MT_TT_So_MI_SLp_Test_ID[1...M_{SLp}] MT_TT_So_MI_SLp_Length[1...M_{SLp}] MT_TT_So_MI_SLp_CoS[1...M_{SLp}] MT_TT_So_MI_1SLp_OAM_Tool~~[1...M_{1SLp}]~~ MT_TT_So_MI_1SLp_Enable[1...M_{1SLp}] MT_TT_So_MI_1SLp_Period[1...M_{1SLp}] MT_TT_So_MI_1SLp_Test_ID[1...M_{1SLp}] MT_TT_So_MI_1SLp_Length[1...M_{1SLp}] MT_TT_So_MI_1SLp_CoS[1...M1$_{1SLp}$] **MT_TP:** MT_TT_So_TI_TimeStampl	
NOTE- MI_CC_Enable and MI_CVp_Enable are used to enable CC and CV functions respectively. The possible combinations are: - no CC function and no CV function: MI_CC_Enable = false and MI_CVp_Enable = false - CC-only function: MI_CC_Enable = true and MI_CVp_Enable = false - CC and CV functions: MI_CC_Enable = true and MI_CVp_Enable = true	

Replace Figure 9-5:


MT_AP
AI_D AI_PHB
Block
Insert TTL
PHB
counter
MEP Proactive OAM G-ACh Insertion
TxFC[]
PDU
TTL
PHB
Channel Type
OAM PDU Generation
Proactive OAM Source Control
RI_CC_Blk
RI_CC_RDI
RI_OAM_Info(D,CoS,DP)
MT_RP
MI_TTLVALUE
MI_GAL_Enable
MI_ MEG_ID
MI_ MEP_ID
MI_CC_OAM_Tool
MI_RDI_OAM_Tool
MI_CC_Enable
MI_CC_Period
MI_CC_Enable
MI_CVp_Enable
MI_CC_CoS
MI_CC_Period
MI_LMp_OAM_Tool
MI_LMp_Enable[1...MLMp]
MI_LMp_Period[1...MLMp]
MI_LMp_CoS[1...MLMp]
MI_ DMp_OAM_Tool
MI_DMp_Enable[1...MDMp]
MI_DMp_Period[1...MDMp]
MI_DMp_Test_ID[1...MDMp]
MI_DMp_CoS[1...MDMp]
MI_DMp_Length[1...MDMp]
MI_ 1DMp_OAM_Tool
MI_1DMp_Enable[1...M1DMp]
MI_1DMp_Period[1...M1DMp]
MI_1DMp_Test_ID[1...M1DMp]
MI_1DMp_Length[1...M1DMp]
MI_1DMp_CoS[1...M1DMp]
MI_ SLp_OAM_Tool
MI_SLp_Enable[1...MSLp]
MI_SLp_Period[1...MSLp]
MI_SLp_Test_ID[1...MSLp]
MI_SLp_Length[1...MSLp]
MI_SLp_CoS[1...MSLp]
MI_1SLp_OAM_Tool[1...M1SLp]
MI_1SLp_Enable[1... M1SLp]
MI_1SLp_Period[1... M1SLp]
MI_1SLp_Test_ID[1... M1SLp]
MI_1SLp_Length[1... M1SLp]
MI_1SLp_CoS[1... M1SLp]
MT_TT_So_MP
TI_ TimeStampl
MT_TT_So_TP
CI_D CI_oPHB
CI_iPHB
MT_TCP

By:



3) Clause 9.2.1.2, MPLS-TP Trail Termination Sink function (MT_TT_Sk)

Update Table 9-3 as indicated:

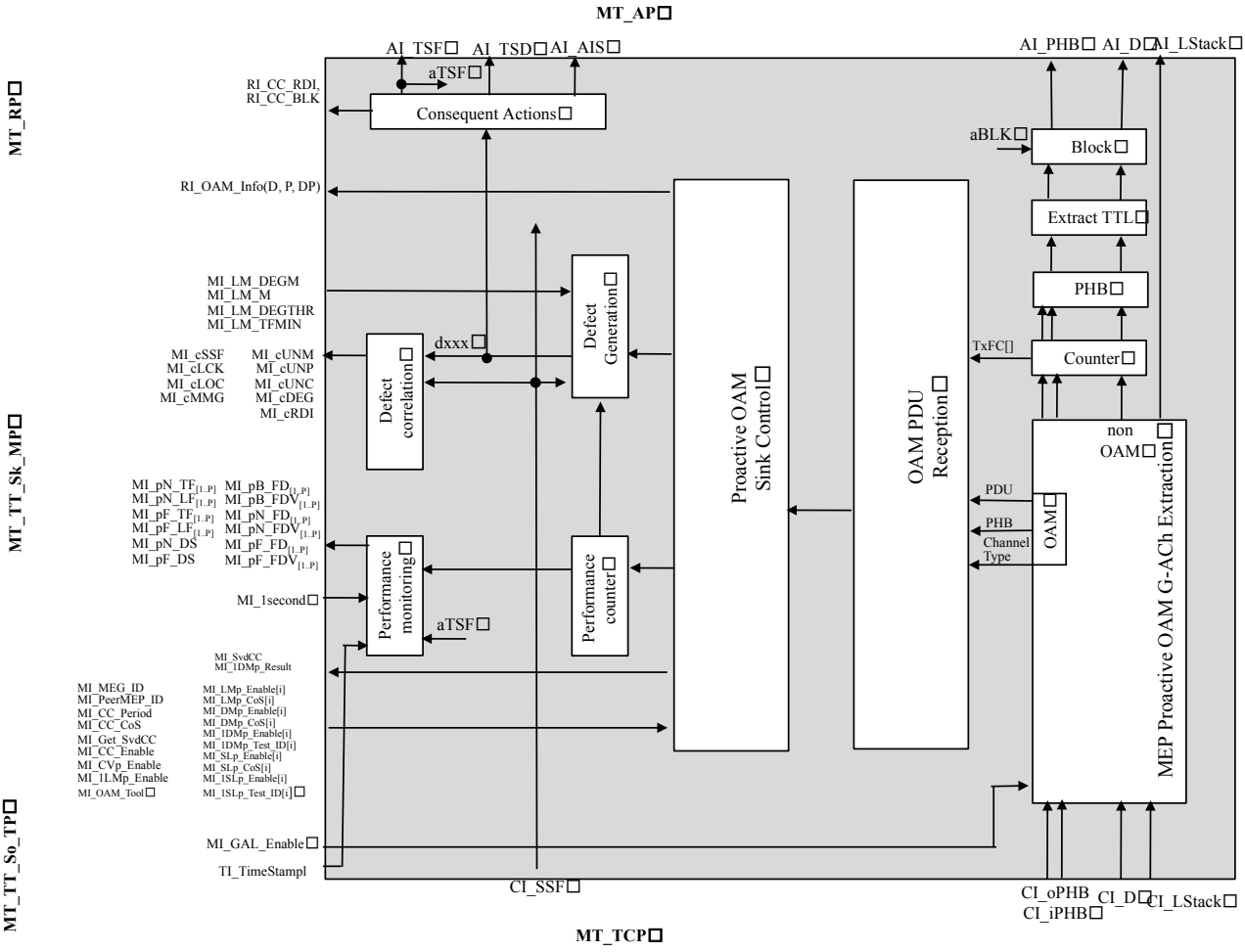
Table 9-3/G.8121/Y.1381 – MT_TT_Sk inputs and outputs

Input(s)	Output(s)
MT_TCP: MT_CI_D MT_CI_iPHB MT_CI_oPHB MT_CI_SSF MT_CI_Lstack	**MT_AP:** MT_AI_D MT_AI_PHB MT_AI_TSF MT_AI_TSD MT_AI_AIS

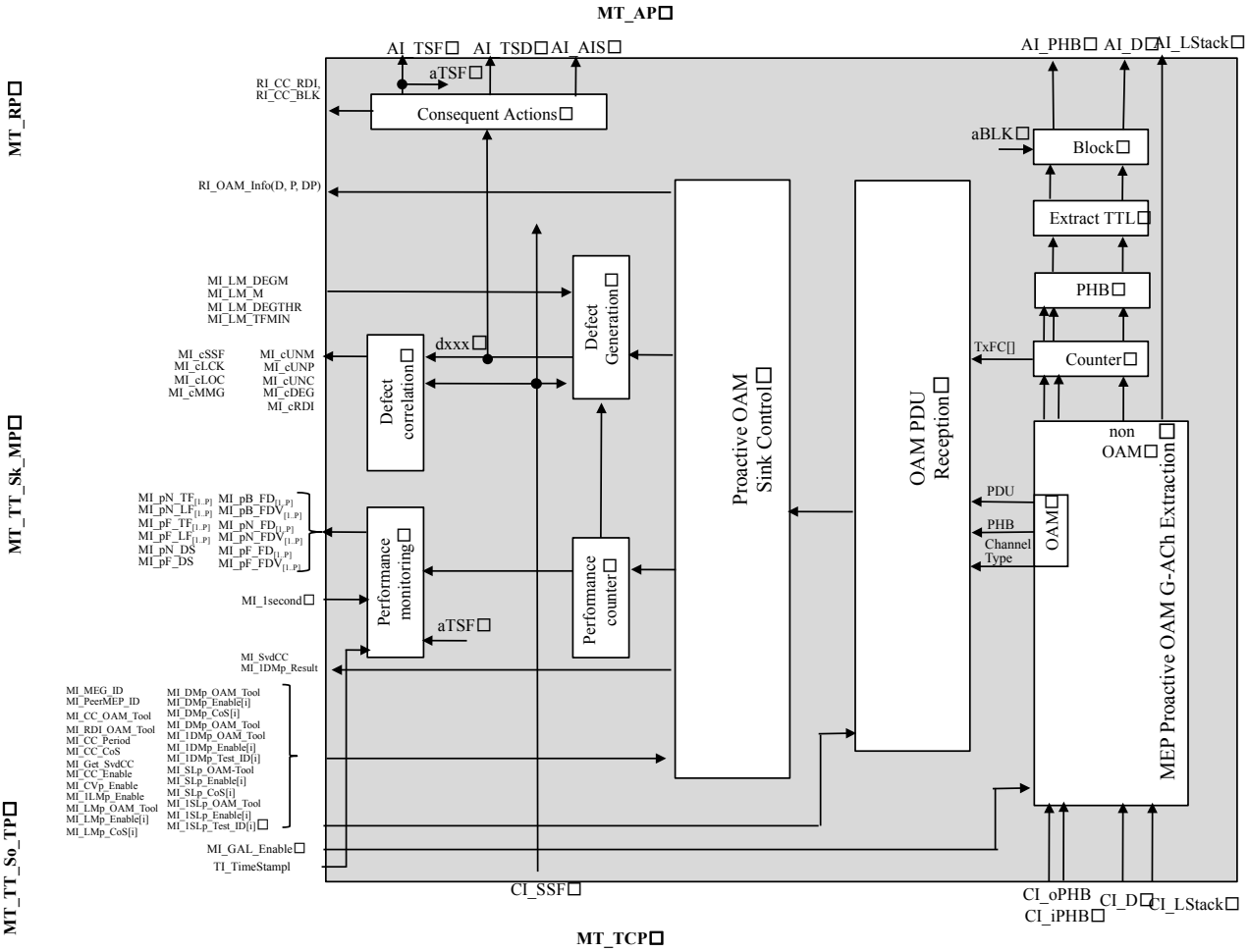
Input(s)	Output(s)
MT_RP: **MT_TT_Sk_MP:** MT_TT_Sk_MI_GAL_Enable MT_TT_Sk_MI_ MEG_ID MT_TT_Sk_MI_ PeerMEP_ID MT_TT_Sk_MI_ CC_OAM_Tool MT_TT_Sk_MI_ RDI_OAM_Tool MT_TT_Sk_MI_CC_Enable(Note) MT_TT_Sk_MI_CVp_Enable (Note) MT_TT_Sk_MI_CC_Period MT_TT_Sk_MI_CC_CoSMT_TT_Sk_MI_Get_SvdCC MT_TT_Sk_MI_1LMp_Enable MT_TT_Sk_MI_LMp_OAM_Tool~~[1… M_{LMp}]~~ MT_TT_Sk_MI_LMp_Enable[1… M_{LMp}] MT_TT_Sk_MI_LMp_CoS[1… M_{LMp}] MT_TT_Sk_MI_LM_DEGM MT_TT_Sk_MI_LM_M MT_TT_Sk_MI_LM_DEGTHR MT_TT_Sk_MI_LM_TFMIN MT_TT_Sk_MI_ DMp_OAM_Tool~~[1… M_{DMp}]~~ MT_TT_Sk_MI_DMp_Enable[1… M_{DMp}] MT_TT_Sk_MI_DMp_CoS[1… M_{DMp}] MT_TT_Sk_MI_ 1DMp_OAM_Tool ~~[1…M_{1DMp}]~~ MT_TT_Sk_MI_1DMp_Enable[1…M_{1DMp}] MT_TT_Sk_MI_1DMp_Test_ID[1…M_{1DMp}] MT_TT_Sk_MI_ SLp_OAM_Tool~~[1… M_{SLp}]~~ MT_TT_Sk_MI_SLp_Enable[1… M_{SLp}] MT_TT_Sk_MI_SLp_CoS[1… M_{SLp}] MT_TT_Sk_MI_ 1SLp_OAM_Tool MT_TT_Sk_MI_1SLp_Enable[1…M_{1SLp}] MT_TT_Sk_MI_1SLp_Test_ID[1…M_{1SLp}] MT_TT_Sk_MI_AIS_OAM_Tool MT_TT_Sk_MI_LCK_OAM_Tool MT_TT_Sk_MI_1second	MT_AI_LStack **MT_RP:** MT_RI_CC_RDI MT_RI_CC_Blk MT_RI_OAM_Info(D,CoS,DP) **MT_TT_Sk_MP:** MT_TT_Sk_MI_SvdCC MT_TT_Sk_MI_cSSF MT_TT_Sk_MI_cLCK MT_TT_Sk_MI_cLOC MT_TT_Sk_MI_cMMG MT_TT_Sk_MI_cUNM MT_TT_Sk_MI_cUNP MT_TT_Sk_MI_cUNC MT_TT_Sk_MI_cDEG MT_TT_Sk_MI_cRDI MT_TT_Sk_MI_pN_LF[1...P] MT_TT_Sk_MI_pN_TF[1...P] MT_TT_Sk_MI_pF_LF[1...P] MT_TT_Sk_MI_pF_TF[1...P] MT_TT_Sk_MI_pF_DS MT_TT_Sk_MI_pN_DS MT_TT_Sk_MI_pB_FD[1...P] MT_TT_Sk_MI_pB_FDV[1...P] MT_TT_Sk_MI_pN_FD[1...P] MT_TT_Sk_MI_pN_FDV[1...P] MT_TT_Sk_MI_pF_FD[1...P] MT_TT_Sk_MI_pF_FDV[1...P]

Input(s)	Output(s)
MT_TP: MT_TT_Sk_TI_TimeStampl	
NOTE - See NOTE in Table 9-2	

Replace Figure 9-7:



By:


MT_AP
AI_TSF
AI_TSD
AI_AIS
AI_PHB
AI_D
AI_LStack
aTSF
RI_CC_RDI
RI_CC_BLK
Consequent Actions
aBLK
Block
RI_OAM_Info(D, P, DP)
Extract TTL
PHB
MI_LM_DEGM
MI_LM_M
MI_LM_DEGTHR
MI_LM_TFMIN
Defect Generation
dxxx
Defect correlation
TxFC[]
Counter
MI_cSSF
MI_cLCK
MI_cLOC
MI_cMMG
MI_cUNM
MI_cUNP
MI_cUNC
MI_cDEG
MI_cRDI
Proactive OAM Sink Control
OAM PDU Reception
non OAM
PDU
PHB
Channel Type
OAM
MEP Proactive OAM G-ACh Extraction
MI_pN_TF[1..P]
MI_pN_LF[1..P]
MI_pF_TF[1..P]
MI_pF_LF[1..P]
MI_pN_DS
MI_pF_DS
MI_pB_FD[1..P]
MI_pB_FDV[1..P]
MI_pN_FD[1..P]
MI_pN_FDV[1..P]
MI_pF_FD[1..P]
MI_pF_FDV[1..P]
Performance monitoring
Performance counter
MI_1second
aTSF
MI_SvdCC
MI_1DMp_Result
MI_MEG_ID
MI_PeerMEP_ID
MI_CC_OAM_Tool
MI_RDI_OAM_Tool
MI_CC_Period
MI_CC_CoS
MI_Get_SvdCC
MI_CC_Enable
MI_CVp_Enable
MI_1LMp_Enable
MI_LMp_OAM_Tool
MI_LMp_Enable[i]
MI_LMp_CoS[i]
MI_DMp_OAM_Tool
MI_DMp_Enable[i]
MI_DMp_CoS[i]
MI_DMp_OAM_Tool
MI_1DMp_OAM_Tool
MI_1DMp_Enable[i]
MI_1DMp_Test_ID[i]
MI_SLp_OAM-Tool
MI_SLp_Enable[i]
MI_SLp_CoS[i]
MI_1SLp_OAM_Tool
MI_1SLp_Enable[i]
MI_1SLp_Test_ID[i]
MI_GAL_Enable
TI_TimeStampl
CI_SSF
CI_oPHB
CI_iPHB
CI_D
CI_LStack
MT_RP
MT_TT_Sk_MP
MT_TT_So_TP
MT_TCP