International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.874

Corrigendum 1

(06/2011)

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

Digital networks – Optical transport networks

Management aspects of optical transport network elements

Corrigendum 1

Recommendation ITU-T G.874 (2010) – Corrigendum 1

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Recommendation ITU-T G.874

Management aspects of optical transport network elements

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.874 (2010) contains corrections in order to align with Recommendation ITU-T G.798, including the related MI signals of the ODUkP/ODUj-21_A functions documented in Tables 14-33 and 14-35 in clause 14.3.10 of Recommendation ITU-T G.798. The corrigendum adds new MIs ODUkP/ODUj-21_A_So_MI_ODUType_Rate[i] and ODUkP/ODUj-21_A_Sk_MI_ODUType [i] for ODU multiplexing, a new PM primitive MI_pN_PCS_BIP for ODUkP/CBRx_A_So and ODUkP/CBRx_A_Sk, and removes ODUkP/CBRx_A_Sk_MI_Enable_PCSL_Section_Mon.

History

Edition	Recommendation	Approval	Study Group
1.0	ITU-T G.874	2001-11-29	15
2.0	ITU-T G.874	2008-03-29	15
3.0	ITU-T G.874	2010-07-29	15
3.1	ITU-T G.874 (2010) Cor. 1	2011-06-06	15

FOREWORD

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The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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Corrigendum 1

1 Scope

This corrigendum corrects errors noted in Recommendation ITU-T G.874.

2 Changes to Tables 7-1, 7-2, 8-2 and 10-1

2.1 Changes to clause 7.2.1, Fault cause persistency function – PRS

Replace Table 7-1 (Inputs/outputs for the fault cause persistency function) with the following table:

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

Atomic functions	Input (fault cause)	Output (failure)
OTSn_TT_Sk	cTIM cBDI cBDI-O cBDI-P cLOS-O cLOS-P cLOS	fTIM fBDI fBDI-O fBDI-P fLOS-O fLOS-P fLOS
OMSn_TT_Sk	cBDI cBDI-O cBDI-P cSSF cSSF-O cSSF-P cLOS-P	fBDI fBDI-O fBDI-P fSSF fSSF-O fSSF-P fLOS-P
OMSnP_TT_Sk	cSSF cSSF-O cSSF-P	fSSF fSSF-O fSSF-P
OPSn_TT_Sk	cLOS-P	fLOS-P
OPSMnk_TT_Sk	cLOS cLOL	fLOS fLOL
OPSM/OTUk-a_A_Sk	cLOS cLOM	fLOS fLOM
OPSM/OTUk-b_A_Sk	cLOS cLOM	fLOS fLOM
OCh_TT_Sk	cLOS-P cSSF cSSF-P cSSF-O cOCI	fLOS-P fSSF fSSF-P fSSF-O fOCI
OChr_TT_Sk	cLOS cSSF-P	fLOS fSSF-P

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

Atomic functions	Input (fault cause)	Output (failure)
OCh/OTUk-a_A_Sk	cLOF cLOM	fLOF fLOM
OCh/OTUk-b_A_Sk	cLOF cLOM	fLOF fLOM
OCh/OTUk-v_A_Sk	cLOF cLOM	fLOF fLOM
OCh/OTUkV_A_Sk	cLOF cLOM (multiframe OTUkV only)	fLOF fLOM
OCh/RSn_A_Sk	cLOF	fLOF
OTUk_TT_Sk	cTIM cDEG cBDI cSSF	fTIM fDEG fBDI fSSF
OTUkV_TT_Sk	cTIM cDEG cBDI cSSF	fTIM fDEG fBDI fSSF
OTUkV/ODUk_A_Sk (*If loss of alignment supervision is performed*)	cLOA	fLOA
ODUk_C	cFOP-PM cFOP-NR	fFOP-PM fFOP-NR
ODUkP_TT_Sk	cOCI cTIM cDEG cBDI cSSF cLCK	fOCI fTIM fDEG fBDI fSSF fLCK
ODUkP/CBRx_A_Sk	cPLM cCSF	fPLM fCSF
ODUkP/VP_A_Sk	cPLM cLCD	fPLM fLCD
ODUkP/NULL_A_Sk	cPLM	fPLM
ODUkP/PRBS_A_Sk	cPLM cLSS	fPLM fLSS
ODUkP/RSn_A_Sk	cPLM cLOF	fPLM fLOF
ODUkP/ODU[i]j_A_Sk	cPLM cMSIM[n+m] cLOFLOM	fPLM fMSIM[n+m] fLOFLOM
ODUkP/ODUj-21_A_Sk	cPLM cLOOMFI cMSIM[i] cLOFLOM[i]	fPLM fLOOMFI fMSIM[i] fLOFLOM[i]

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

Atomic functions	Input (fault cause)	Output (failure)
ODUkT_TT_Sk	cOCI cTIM cDEG cBDI cSSF cLCK cLTC	fOCI fTIM fDEG fBDI fSSF fLCK fLTC
ODUkTm_TT_Sk	cOCI cTIM cDEG cBDI cSSF cLCK cLTC	fOCI fTIM fDEG fBDI fSSF fLCK fLTC
ODUkP-Xv/ODUkP-X-L_A_Sk	cPLM[1..XMR]	fPLM[1..XMR]
ODUkP-X-L/CBRx_A_Sk	cVcPLM	fVcPLM
ODUkP-X-L/RSn_A_Sk	cVcPLM cLOF	fVcPLM fLOF
ODUkP-X-L/VP_A_Sk	cVcPLM cLCD	fVcPLM fLCD
ODUkP-X-L/NULL_A_Sk	cVcPLM	fVcPLM
ODUkP-X-L/PRBS_A_Sk	cVcPLM cLSS	fVcPLM fLSS
OSx_TT_Sk	cLOS	fLOS

2.2 Changes to clause 7.2.3, Alarm reporting control function – ARC

Replace Table 7-2 (ARC specifications for the OTN) with the following table:

Table 7-2 – ARC specifications for the OTN

Atomic function	Qualified problems	QoS reporting	Default ARC state value constraints
OTSn_TT_Sk	fTIM fBDI fBDI-P fLOS-P fLOS	FFS	ALM
OMSn_TT_Sk	fBDI fBDI-P fSSF fSSF-P fLOS-P	FFS	ALM
OMSnP_TT_Sk	fSSF fSSF-P	FFS	ALM
OPSn_TT_Sk	fLOS-P	FFS	ALM

Table 7-2 – ARC specifications for the OTN

Atomic function	Qualified problems	QoS reporting	Default ARC state value constraints
OPSMnk_TT_Sk	fLOS fLOL	FFS	ALM
OPSM/OTUk-a_A_Sk	fLOF fLOM	FFS	ALM
OPSM/OTUk-b_A_Sk	fLOF fLOM	FFS	ALM
OCh_TT_Sk	fLOS-P fSSF fSSF-P fOCI	FFS	ALM
OChr_TT_Sk	fLOS fSSF-P	FFS	ALM
OCh/OTUk-a_A_Sk	fLOF fLOM	FFS	ALM
OCh/OTUk-b_A_Sk	fLOF fLOM	FFS	ALM
OCh/OTUkV_A_Sk	fLOF fLOM	FFS	ALM
OCh/RSn_A_Sk	fLOF	FFS	ALM
OTUk_TT_Sk	fTIM fDEG fBDI fSSF	FFS	ALM
OTUkV_TT_Sk	fTIM fDEG fBDI fSSF	FFS	ALM
OTUkV/ODUk_A_Sk	fLOA	FFS	ALM
ODUk_C	fFOP-PM fFOP-NR	FFS	ALM
ODUkP_TT_Sk	fOCI fTIM fDEG fBDI fSSF fLCK	FFS	ALM
ODUkP/CBRx_A_Sk	fPLM fCSF	FFS FFS	ALM FFS
ODUkP/VP_A_Sk	fPLM fLCD	FFS	ALM
ODUkP/NULL_A_Sk	fPLM	FFS	ALM
ODUkP/PRBS_A_Sk	fPLM fLSS	FFS	ALM

Table 7-2 – ARC specifications for the OTN

Atomic function	Qualified problems	QoS reporting	Default ARC state value constraints
ODUkP/RSn_A_Sk	fPLM fLOF	FFS	ALM
ODUkP/ODU[i]j_A_Sk	fPLM fMSIM[n+m] fLOFLOM	FFS	ALM
ODUkP/ODUj-21_A_Sk	fPLM fLOOMFI fMSIM[i] fLOFLOM[i]	FFS	ALM
ODUkT_TT_Sk	fOCI fTIM fDEG fBDI fSSF fLCK fLTC	FFS	ALM
ODUkTm_TT_Sk	fOCI fTIM fDEG fBDI fSSF fLCK fLTC	FFS	ALM
ODUkP-Xv/ODUkP-X-L_A_Sk	fPLM[1..XMR]	FFS	ALM
ODUkP-X-L/CBRx_A_Sk	fVcPLM	FFS	ALM
ODUkP-X-L/RSn_A_Sk	fVcPLM fLOF	FFS	ALM
ODUkP-X-L/VP_A_Sk	fVcPLM fLCD	FFS	ALM
ODUkP-X-L/NULL_A_Sk	fVcPLM	FFS	ALM
ODUkP-X-L/PRBS_A_Sk	fVcPLM fLSS	FFS	ALM
OSx_TT_Sk	fLOS	FFS	ALM

2.3 Changes to clause 8.5, Adaptation

Replace Table 8-2 (Provisioning and reporting for adaptation functions) with the following table:

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
OPSM/OTUk-a_A_So Provisioning		
OPSM/OTUk-a_A_So_MI_Active	True, false	False
OPSM/OTUk-b_A_So Provisioning		
OPSM/OTUk-b_A_So_MI_Active	True, false	False
OPSM/OTUk-a_A_Sk Provisioning		
OPSM/OTUk-a_A_Sk_MI_FECEn (not for OTU4)	True, false	True
OPSM/OTUk-a_A_Sk_MI_Active	True, false	False
OPSM/OTUk-a_A_Sk_MI_1second	According to [ITU-T G.798]	Not applicable
OPSM/OTUk-b_A_Sk Provisioning		
OPSM/OTUk-b_A_Sk_MI_Active	True, false	False
OCh/OTUk-a_A_So Provisioning		
OCh/OTUk-a_A_So_MI_Active	True, false	False
OCh/OTUk-b_A_So Provisioning		
OCh/OTUk-b_A_So_MI_Active	True, false	False
OCh/OTUk-a_A_Sk Provisioning		
OCh/OTUk-a_A_Sk_MI_FECEn	True, false	True
OCh/OTUk-a_A_Sk_MI_Active	True, false	False
OCh/OTUk-a_A_Sk_MI_1second	According to [ITU-T G.798]	Not applicable
OCh/OTUk-b_A_Sk Provisioning		
OCh/OTUk-b_A_Sk_MI_Active	True, false	False
OCh/OTUk-v_A_So Provisioning		
OCh/OTUk-v_A_So_MI_Active	True, false	False
OCh/OTUk-v_A_Sk Provisioning		
OCh/OTUk-v_A_Sk_MI_FECEn	True, false	True
OCh/OTUk-v_A_Sk_MI_Active	True, false	False
OCh/OTUk-v_A_Sk_MI_1second	According to [ITU-T G.798]	Not applicable
OCh/OTUkV_A_So Provisioning		
OCh/OTUkV_A_So_MI_Active	True, false	False
OCh/OTUkV_A_Sk Provisioning		
OCh/OTUkV_A_Sk_MI_Active	True, false	False
OCh/OTUkV_A_Sk_MI_1second (Note 1)	According to [ITU-T G.798]	Not applicable
OCh/CBRx_A_So Provisioning		
OCh/CBRx_A_So_MI_Active	True, false	False

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
OCh/CBRx_A_Sk Provisioning		
OCh/CBRx_A_Sk_MI_Active	True, false	False
OCh/RSn_A_So_Provisioning		
OCh/RSn_A_So_MI_Active	True, false	False
OCh/RSn_A_Sk_Provisioning		
OCh/RSn_A_Sk_MI_Active	True, false	False
OTUk/ODUk_A_So_Provisioning		
OTUk/ODUk_A_So_MI_AdminState	LOCKED, Not LOCKED	Not LOCKED
OTUk/ODUk_A_Sk_Provisioning		
OTUk/ODUk_A_Sk_MI_AdminState	LOCKED, Not LOCKED	Not LOCKED
OTUkV/ODUk_A_So_Provisioning		
OTUkV/ODUk_A_So_MI_AdminState	LOCKED, Not LOCKED	Not LOCKED
OTUkV/ODUk_A_Sk_Provisioning		
OTUkV/ODUk_A_Sk_MI_AdminState	LOCKED, Not LOCKED	Not LOCKED
OTUk/COMMS_A_So_Provisioning		
OTUk/COMMS_A_So_MI_Active	True, false	False
OTUk/COMMS_A_Sk_Provisioning		
OTUk/COMMS_A_Sk_MI_Active	True, false	False
OTUkV/COMMS_A_So_Provisioning		
OTUkV/COMMS_A_So_MI_Active	True, false	False
OTUkV/COMMS_A_Sk_Provisioning		
OTUkV/COMMS_A_Sk_MI_Active	True, false	False
ODUkP/CBRx-a_A_So_Provisioning		
ODUkP/CBRx-a_A_So_MI_Active, k=1, 2, 2e, 3; (Note 2)	True, false	False
ODUkP/CBRx-b_A_So_Provisioning		
ODUkP/CBRx-b_A_So_MI_Active, k=1, 2, 2e, 3; (Note 2)	True, false	False
ODUkP/CBRx_A_Sk_Provisioning		
ODUkP/CBRx_A_Sk_MI_Active, k=1, 2, 2e, 3; (Note 2)	True, false	False
ODUkP/CBRx_A_Sk Reporting		
ODUkP/CBRx_A_Sk_MI_AcPT, k=1, 2, 2e, 3; (Note 2)	According to [ITU-T G.709]	Not applicable
ODUkP/CBRx-g_A_So Provisioning		
ODUkP/CBRx_A_So_MI_Active, k=1, 2, 2e, 3; (Note 2)	True, false	False
ODUkP/ CBRx-g _A_Sk Provisioning		
ODUkP/CBRx_A_Sk_MI_Active, k=1, 2, 2e, 3; (Note 2)	True, false	False
~~ODUKP/CBRx_A_So_MI_Enable_PCSL_Section_Mon~~	~~True, false~~	~~False~~

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
ODUkP/ CBRx-g _A_Sk Reporting		
ODUkP/CBRx_A_Sk_MI_AcPT, k=1, 2, 2e, 3; (Note 2)	According to [ITU-T G.709]	Not applicable
ODU0P/CBRx_A_So Provisioning		
ODU0P/CBRx_A_So_MI_Active, k=0; (Note 3)	True, false	False
ODU0P/CBRx_A_Sk Provisioning		
ODU0P/CBRx_A_Sk_MI_Active, k=0; (Note 3)	True, false	False
ODU0P/CBRx_A_Sk Reporting		
ODU0P/CBRx_A_Sk_MI_AcPT, k=0; (Note 3)	According to [ITU-T G.709]	Not applicable
ODUkP/VP_A_So Provisioning		
ODUkP/VP_A_So_MI_Active, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_So_MI_CellDiscardActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_So_MI_TPusgActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_So_MI_GFCActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_So_MI_VPI-KActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk Provisioning		
ODUkP/VP_A_Sk_MI_Active, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_CellDiscardActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_TPusgActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_VPIrange, k=1, 2, 2e, 3	0..4095	Not applicable
ODUkP/VP_A_Sk_MI_HECactive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_GFCactive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_DTDLuseEnabled, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_VPI-KActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk_MI_VPIK_SAISActive, k=1, 2, 2e, 3	True, false	False
ODUkP/VP_A_Sk Reporting		
ODUkP/VP_A_Sk_MI_AcPT, k=1, 2, 2e, 3	According to [ITU-T G.709]	Not applicable
ODUkP/NULL_A_So Provisioning		
ODUkP/NULL_A_So_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUkP/NULL_A_So_MI_Nominal_Bitrate_and_Tolerance	According to [ITU-T G.709]	Not applicable
ODUkP/NULL_A_Sk_Provisioning		
ODUkP/NULL_A_Sk_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUkP/NULL_A_Sk Reporting		
ODUkP/NULL_A_Sk_MI_AcPT, k=0, 1, 2, 2e, 3, 4, flex	According to [ITU-T G.709]	Not applicable

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
ODUkP/PRBS _A_So Provisioning		
ODUkP/PRBS _A_So_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUkP/PRBS_A_So_MI_Nominal_Bitrate_and_Tolerance	According to [ITU-T G.709]	Not applicable
ODUkP/PRBS_A_Sk Provisioning		
ODUkP/PRBS_A_Sk_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUkP/PRBS_A_Sk Reporting		
ODUkP/PRBS_A_Sk_MI_AcPT, k=0, 1, 2, 2e, 3, 4, flex	According to [ITU-T G.709]	Not applicable
ODUkP/RSn-a_A_So Provisioning		
ODUkP/RSn-a_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP/RSn-b_A_So Provisioning		
ODUkP/RSn-b_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP/RSn_A_Sk Provisioning		
ODUkP/RSn_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP/RSn_A_Sk Reporting		
ODUkP/RSn_A_Sk_MI_AcPT, k=1, 2, 3	According to [ITU-T G.709]	Not applicable
ODUkP/ODU[i]j_A_So Provisioning		
ODUkP/ODU[i]j_A_So_MI_Active	True, false	False
ODUkP/ODU[i]j_A_So_MI_AdminState[n+m]	LOCKED, Not LOCKED	Not LOCKED
ODU3P/ODU12_A_So Provisioning		
ODU3P/ODU12_A_So_MI_TxMSI	According to Table 14-30 of [ITU-T G.798]	Not applicable
ODUkP/ODU[i]j_A_Sk Provisioning		
ODUkP/ODU[i]j_A_Sk_MI_Active	True, false	False
ODUkP/ODU[i]j_A_Sk_MI_AdminState[n+m]	LOCKED, Not LOCKED	Not LOCKED
ODU3P/ODU12_A_Sk Provisioning		
ODU3P/ODU12_A_Sk_MI_ExMSI[n+m]	According to Table 14-32 of [ITU-T G.798]	Not applicable
ODUkP/ODU[i]j_A_Sk Reporting		
ODUkP/ODU[i]j_A_Sk_MI_AcPT	According to [ITU-T G.709]	Not applicable
ODUkP/ODU[i]j_A_Sk_MI_AcMSI[n+m]	According to [ITU-T G.709]	Not applicable

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
ODUkP/ODUj-21_A_So Provisioning		
ODUkP/ODUj-21_A_So_MI_Active	True, false	False
ODUkP/ODUj-21_A_So_MI_TxMSI	According to ~~Table 14-33~~ [ITU-T G.798]	Not applicable
~~ODUkP/ODUj-21_A_So_MI_AcPT~~	~~According to [ITU-T G.709]~~	~~Not applicable~~
ODUkP/ODUj-21_A_So_MI_AUTOpayloadtype	According to [ITU-T G.709]	Not applicable
ODUkP/ODUj-21_A_So_MI_ODUType_Rate[i]	According to [ITU-T G.709] clause 19.6	Not applicable
ODUkP/ODUj_A_So_MI_AdminState[n]	LOCKED, Not LOCKED	Not LOCKED
ODUkP/ODUj-21_A_So Reporting		
ODUkP/ODUj-21_A_So_MI_TrPT	According to [ITU-T G.709]	Not applicable
ODUkP/ODUj-21_A_Sk Provisioning		
ODUkP/ODUj-21_A_Sk_MI_Active	True, false	False
ODUkP/ODUj-21_A_Sk_MI_TxMSI	According to ~~Table 14-33~~ [ITU-T G.798]	Not applicable
ODUkP/ODUj-21_A_Sk_MI_AdminState[n]	LOCKED, Not LOCKED	Not LOCKED
ODUkP/ODUj-21_A_Sk_MI_Nominal_Bitrate_and_Tolerance[i]	According to [ITU-T G.709]	Not applicable
ODUkP/ODUj-21_A_Sk_MI_ODUType [i]	According to [ITU-T G.709] clause 19.6	Not applicable
ODUkP/ODUj-21_A_Sk Reporting		
ODUkP/ODUj-21_A_Sk_MI_AcPT	According to [ITU-T G.709]	Not applicable
ODUkP/ODUj-21_A_Sk_MI_AcMSI[i]	According to [ITU-T G.709]	Not applicable
ODUkP/COMMS_A_So Provisioning		
ODUkP/COMMS_A_So_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUkP/COMMS_A_So_MI_GCCAccess, k=0, 1, 2, 2e, 3, 4, flex	GCC1, GCC2, GCC1+GCC2	Not applicable
ODUkP/COMMS_A_Sk Provisioning		
ODUkP/COMMS_A_Sk_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUkP/COMMS_A_Sk_MI_GCCAccess, k=0, 1, 2, 2e, 3, 4, flex	GCC1, GCC2, GCC1+GCC2	Not applicable

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
ODUk/COMMS_AC_So Provisioning		
ODUk/COMMS_AC_So_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUk/COMMS_AC_So_MI_GCCAccess, k=0, 1, 2, 2e, 3, 4, flex	GCC1, GCC2, GCC1+GCC2	Not applicable
ODUk/COMMS_AC_Sk Provisioning		
ODUk/COMMS_AC_Sk_MI_Active, k=0, 1, 2, 2e, 3, 4, flex	True, false	False
ODUk/COMMS_AC_Sk_MI_GCCAccess, k=0, 1, 2, 2e, 3, 4, flex	GCC1, GCC2, GCC1+GCC2	Not applicable
ODUk/COMMS_AC_Sk_MI_GCCCont, k=0, 1, 2, 2e, 3, 4, flex	True, false	True
ODUkT/ODUk_A_So Provisioning		
ODUkT/ODUk_A_So_MI_AdminState, k=0, 1, 2, 2e, 3, 4, flex	LOCKED, Not LOCKED	Not LOCKED
ODUkT/ODUk_A_Sk Provisioning		
ODUkT/ODUk_A_Sk_MI_AdminState, k=0, 1, 2, 2e, 3, 4, flex	LOCKED, Not LOCKED	Not LOCKED
ODUkP-Xv/ODUkP-X-L_A_So Provisioning		
ODUkP-Xv/ODUkP-X-L_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-Xv/ODUkP-X-L_A_Sk Reporting		
ODUkP-Xv/ODUkP-X-L_A_Sk_MI_AcPT[1..XMR] , k=1, 2, 3	According to [ITU-T G.709]	Not applicable
ODUkP-Xv/ODUkP-X-L_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/CBRx-a_A_So Provisioning		
ODUkP-X-L/CBRx-a_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/CBRx-b_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/CBRx_A_Sk Provisioning		
ODUkP-X-L/CBRx_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/CBRx_A_Sk Reporting		
ODUkP-X-L/CBRx_A_Sk_MI_AcVcPT, k=1, 2, 3	According to [ITU-T G.709]	Not applicable
ODUkP-X-L/RSn-a_A_So Provisioning		
ODUkP-X-L/RSn-a_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/RSn-b_A_So Provisioning		
ODUkP-X-L/RSn-b_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/RSn_A_Sk Provisioning		
ODUkP-X-L/RSn_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/RSn_A_Sk Reporting		
ODUkP-X-L/RSn_A_Sk_MI_AcVcPT, k=1, 2, 3	According to [ITU-T G.709]	Not applicable

Table 8-2 – Provisioning and reporting for adaptation functions

MI signal	Value range	Default value
ODUkP-X-L/VP_A_So Provisioning		
ODUkP-X-L/VP_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_So_MI_CellDiscardActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_So_MI_TPusgActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_So_MI_GFCActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_So_MI_VPI-KActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk Provisioning		
ODUkP-X-L/VP_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_CellDiscardActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_TPusgActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_VPIrange, k=1, 2, 3	0..4095	Not applicable
ODUkP-X-L/VP_A_Sk_MI_HECactive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_GFCactive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_DTDLuseEnabled, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_VPI-KActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk_MI_VPI-K_SAISActive, k=1, 2, 3	True, false	False
ODUkP-X-L/VP_A_Sk Reporting		
ODUkP-X-L/VP_A_Sk_MI_AcVcPT, k=1, 2, 3	According to [ITU-T G.709]	Not applicable
ODUkP-X-L/NULL _A_So Provisioning		
ODUkP-X-L/NULL _A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/NULL_A_Sk Provisioning		
ODUkP-X-L/NULL_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/NULL_A_Sk Reporting		
ODUkP-X-L/NULL_A_Sk_MI_AcVcPT, k=1, 2, 3	According to [ITU-T G.709]	Not applicable
ODUkP-X-L/PRBS-a_A_So Provisioning		
ODUkP-X-L/PRBS-a_A_So_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/PRBS_A_Sk Provisioning		
ODUkP-X-L/PRBS_A_Sk_MI_Active, k=1, 2, 3	True, false	False
ODUkP-X-L/PRBS_A_Sk Reporting		
ODUkP-X-L/PRBS_A_Sk_MI_AcVcPT, k=1, 2, 3	According to [ITU-T G.709]	Not applicable
NOTE 1 – If the OTUkV has multiframe. NOTE 2 – x = 2G5, 10G, 10G3, 40G NOTE 3 – $0 \leq x \leq 1.25G$		

2.4 Changes to clause 10.2, Performance management functions

Replace Table 10-1 (PM management information) with the following table:

Table 10-1 – PM management information

PM management information	OTN function
OTSn_TT_Sk_MI_pN_DS-P OTSn_TT_Sk_MI_pN_DS-O OTSn_TT_Sk_MI_pF_DS-P OTSn_TT_Sk_MI_pF_DS-O	OTSn_TT_Sk
OMSn_TT_Sk_MI_pN_DS-P OMSn_TT_Sk_MI_pN_DS-O OMSn_TT_Sk_MI_pF_DS-P OMSn_TT_Sk_MI_pF_DS-O	OMSn_TT_Sk
OPSn_TT_Sk_MI_pN_DS-P	OPSn_TT_Sk
OPSM/OTUk-a_A_Sk_MI_pFECcorrErr	OPSM/OTUk-a_A_Sk
OCh/OTUk-a_A_Sk_MI_pFECcorrErr	OCh/OTUk-a_A_Sk
OCh/OTUk-v_A_Sk_MI_pFECcorrErr	OCh/OTUk-v_A_Sk
OCh/OTUkV_A_Sk_MI_pFECcorrErr (Note 1)	OCh/OTUkV_A_Sk
OTUk_TT_Sk_MI_pN_EBC OTUk_TT_Sk_MI_pN_DS OTUk_TT_Sk_MI_pF_EBC OTUk_TT_Sk_MI_pF_DS OTUk_TT_Sk_MI_pBIAE OTUk_TT_Sk_MI_pIAE	OTUk_TT_Sk
OTUkV_TT_Sk_MI_pN_EBC OTUkV_TT_Sk_MI_pN_DS OTUkV_TT_Sk_MI_pF_EBC OTUkV_TT_Sk_MI_pF_DS OTUkV_TT_Sk_MI_pBIAE (Note 2) OTUkV_TT_Sk_MI_pIAE (Note 2)	OTUkV_TT_Sk
ODUkP_TT_Sk_MI_pN_EBC ODUkP_TT_Sk_MI_pN_DS ODUkP_TT_Sk_MI_pF_EBC ODUkP_TT_Sk_MI_pF_DS ODUkP_TT_Sk_MI_pN_delay	ODUkP_TT_Sk
ODUkP/CBRx_A_So_MI_pN_PCS_BIP	ODUkP/CBRx_A_So
ODUkP/CBRx_A_Sk_MI_pN_PCS_BIP	ODUkP/CBRx_A_Sk
ODUkP/PRBS_A_Sk_MI_pN_TSE	ODUkP/PRBS_A_Sk
ODUkT_TT_Sk_MI_pN_EBC ODUkT_TT_Sk_MI_pN_DS ODUkT_TT_Sk_MI_pF_EBC ODUkT_TT_Sk_MI_pF_DS ODUkT_TT_Sk_MI_pN_delay ODUkT_TT_Sk_MI_pBIAE ODUkT_TT_Sk_MI_pIAE	ODUkT_TT_Sk

Table 10-1 – PM management information

PM management information	OTN function
ODUkTm_TT_Sk_MI_pN_EBC ODUkTm_TT_Sk_MI_pN_DS ODUkTm_TT_Sk_MI_pF_EBC ODUkTm_TT_Sk_MI_pF_DS ODUkTm_TT_Sk_MI_pBIAE ODUkTm_TT_Sk_MI_pIAE	ODUkTm_TT_Sk
ODUkP-X-L/PRBS_A_Sk_MI_pN_TSE	ODUkP-X-L/PRBS_A_Sk
OSx_TT_Sk_MI_pN_DS	OSx_TT_Sk
NOTE 1 – If the function performs FEC. NOTE 2 – In case of frame-synchronous mapping of ODUk client signal.	

2.5 Changes to Appendix II, Management information for PM

Add the following item to the end of the last dash list:

– <atomic function name>_MI_pN_PCS_BIP

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Series H	Audiovisual and multimedia systems
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Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
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Printed in Switzerland
Geneva, 2012