

NEC

PASOLINK

NETWORK

*SNMP Interface Specification
for PASOLINK Mx*

MANAGEMENT

(for PNMSj)

SYSTEM

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1. Introduction

This document describes in detail the interface between the PNMS and the higher-level manager for PASOLINK Mx radio equipment. This describes the PASOLINK Mx MIB explanation. The general description of PNMS SNMP interface such as hardware configuration, communication protocol, interface function and PNMS MIB of summary status (Group (cluster) status and NE status) are described in “PNMS SNMP Interface Specification for UNIX (ROI-S03947-0**E)”.

NEC provides MIB information. The integration work to higher-level management system will be performed by the customer.

2. PASOLINK Mx MIB

This section describes in detail PASOLINK Mx MIB. The objective of this section is to show MIB definition of PASOLINK Mx equipment for the higher-level manager and its collection of Trap names and Trap numbers.

The detailed MIB definition is described in “MIB-PNMS-PASOLINKPLUS-MX.my” file. Please refer to the Appendix 1 PASOLINK Mx MIB Definition.

The MIB tree is shown in Figure 1. The first seven entries are NEC assigned MIB objects. The Management Information Base (MIB) of PASOLINK Mx equipment for the higher-level manager is mainly comprised of following two object ID's (pasolinkPlusMxSystem and pasolinkPlusMxInformation).

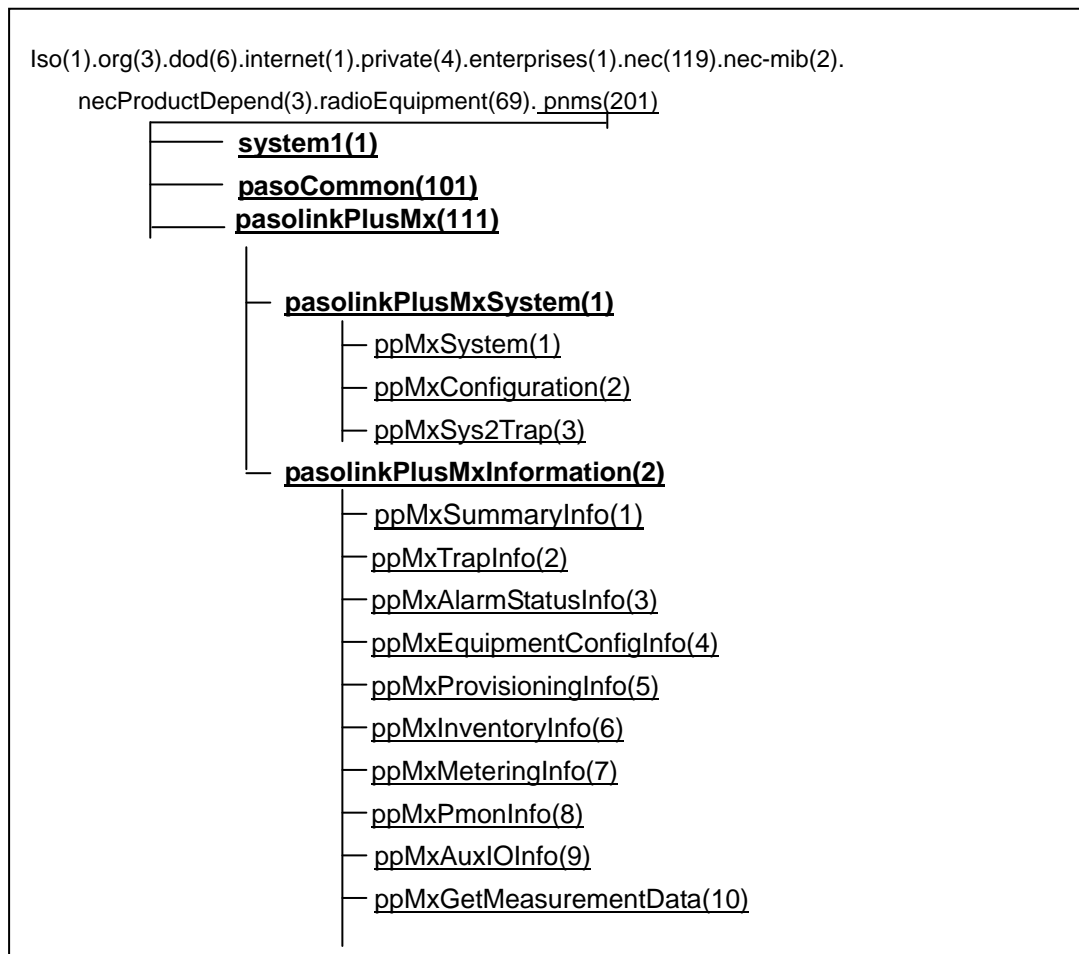


Figure 1 PASOLINK Mx MIB Tree (1)

2.1 pasolinkPlusMxSystem Object Group

This group defines the information of the equipment configuration, Auxiliary Input and Auxiliary Output. This group MIB tree is shown in Figure 2. The trap name and corresponding number of each item is described in the following table.

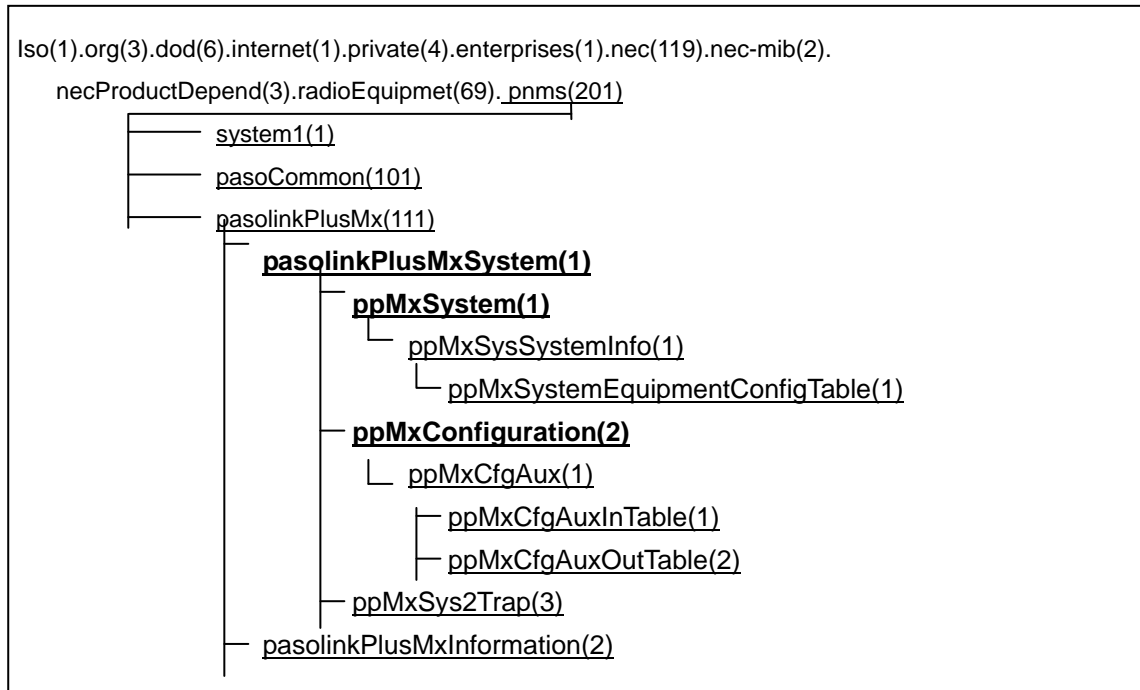


Figure 2 PASOLINK Mx MIB Tree (2)

ppMxSystemEquipmentConfigTable

Object Name	Item	Trap Name	Trap Number
PpMxSysPasoIndex	PASOLINK NE IP Address (used as index of this table)	-----	-----
PpMxSysEquipmentConfig	Equipment Configuration This is equipment configuration information. Invalid (0) 1+0 (1) 1+1 (2) 1+1 HS (3) 1+1 TP (4) 1+0 expandable (5) 1+0 4*2M (7) 1+0 20*2M (8)	-----	-----

ppMxCfgAuxInTable

Object Name	Item	Trap Name	Trap Number
ppMxCfgAuxInPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxCfgAuxInIndex	Aux Input Index No. 1-6 (used as index of this table, 1-6)	-----	-----
ppMxCfgAuxInItemName	Aux Input Item Name	configTrapPpSys2AuxInItemName	404
PpMxCfgAuxInItemType	Aux Input Item Type 0: INVALID 1: ALARM WHEN EVENT OFF (OPEN LOOP) 2: ALARM WHEN EVENT ON (CLOSE LOOP) 3: STATUS	configTrapPpSys2AuxInItemType	405
ppMxCfgAuxInOpenState	Aux Input Open State	configTrapPpSys2AuxInOpenState	406
ppMxCfgAuxInCloseState	Aux Input Close State	configTrapPpSys2AuxInCloseState	407
PpMxCfgAuxInSeverity	Aux Input Severity Type 0: INVALID 1: CLEAR 2: MINOR 3: MAJOR 4: CRITICAL	configTrapPpSys2AuxInSeverity	408
ppMxCfgAuxInAlarmType	Aux Input Alarm Type	configTrapPpSys2AuxInAlarmType	409
ppMxCfgAuxInProbableCause	Aux Input Probable Cause	configTrapPpSys2AuxInProbableCause	410

ppMxCfgAuxOutTable

Object Name	Item	Trap Name	Trap Number
ppMxCfgAuxOutPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxCfgAuxOutIndex	Aux Output Index No. 1-4 (used as index of this table, 1-4)	-----	-----
ppMxCfgAuxOutItemName	Aux Output Item Name	configTrapPpSys2AuxOutItemName	411
ppMxCfgAuxOutOpenState	Aux Output Open State	configTrapPpSys2AuxOutOpenState	412
ppMxCfgAuxOutCloseState	Aux Output Close State	configTrapPpSys2AuxOutCloseState	413

2.2 pasolinkPlusMxInformation Object Group

This group includes the information of the detailed MIB object of PASOLINK Mx equipment. This group MIB tree is shown in following figure. The trap name and corresponding number of each item is described in the following table.



ppMxPmonInfo(8) (→ Section 2.2.8)

[ppMxpmDailyDataInfoTable](#), [ppMxpmDailyDataTable](#)
[ppMxpmWeeklyDataInfoTable](#), [ppMxpmWeeklyDataTable](#)
[ppMxpmRmonDailyIntfcMInfoDataTable](#)
[ppMxpmRmonDailyIntfcMDataTable](#)
[ppMxpmRmonDailyIntfcSInfoDataTable](#)
[ppMxpmRmonDailyIntfcSDataTable](#)
[ppMxpmRmonWeeklyIntfcMInfoDataTable](#)
[ppMxpmRmonWeeklyIntfcMDataTable](#)
[ppMxpmRmonWeeklyIntfcSInfoDataTable](#)
[ppMxpmRmonWeeklyIntfcSDataTable](#)

ppMxAuxIOInfo(9) (→ Section 2.2.9)

([ppMxAuxInputItemTable](#), [ppMxAuxOutputItemTable](#))

ppMxGetMeasurementData(10) (→ Section 2.2.10)

([ppMxGetMeteringInfoDataTable](#))

2.2.1 ppMxSummaryInfo group

The object ID's in this group defines summary (total) status of agent (PASOLINK NE) as follows.

- ODU summary status
- IDU summary status
- CTRL module summary status
- Auxiliary input/output summary status
- Link performance monitor (LPM) summary status

ppMxSummaryItemTable

Object Name	Item	Trap Name	Trap Number
PpMxSummaryItemPasolIndex	PASOLINK NE IP address (used as index of this table)	----	----
PpMxPmcSummary	PMC Summary 0:INVALID 1:CLEAR 2:MINOR 3:MAJOR 4;CRITICAL	PpMxPartialSummaryTrapPmc	12
PpMxAuxSummary	AUX. Summary 0:INVALID 1:CLEAR 2:MINOR 3:MAJOR 4;CRITICAL	PpMxPartialSummaryTrapAux	13
PpMxLpmSummary	LPM Summary 0:INVALID 1:CLEAR 2:MINOR 3:MAJOR 4;CRITICAL	PpMxPartialSummaryTrapLpm	14

ppMxSummaryTable

Object Name	Item	Trap Name	Trap Number
PpMxSummaryPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
PpMxSummaryIndex	(used as index of this table, 1-2) No. 1 (1) No. 2 (2)	-----	-----
PpMxOduSummary	ODU Summary 0:INVALID 1:CLEAR 2:MINOR 3:MAJOR 4:CRITICAL	ppMxPartialSummaryTrapOdu	10
PpMxIduSummary	IDU Summary 0:INVALID 1:CLEAR 2:MINOR 3:MAJOR 4:CRITICAL	ppMxPartialSummaryTrapIdu	11

2.2.2 ppMxTrapInfo group

The object ID's in this group defines trap information in pasolinkPlusMxInformation group.

2.2.3 ppMxAlarmStatusInfo group

The object ID's in this group defines alarm and status information of the ODU and IDU monitor and control item.

ppMxcsComTable

Object Name	Item	Trap Name	Trap Number
ppMxcsComPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxcsRxSwitchCtrl	Not used RX Switch Control 0:INVALID 1:AUTO 2:No.1 3:No.2	-----	-----
ppMxcsTxSwitchCtrl	Not used TX Switch Control 0:INVALID 1:AUTO 2:No.1 3:No.2	-----	-----
ppMxcsRxSwitchMode	RX Switch Mode 0:INVALID 1:AUTO 2:MANUAL	eventTrapPpMxRxSwitchMode	201
ppMxcsSelectedRx	Selected RX 0:INVALID 1:No.1 2:No.2	eventTrapPpMxSelectedRx	202

Object Name	Item	Trap Name	Trap Number
ppMxcsTxSwitchMode	TX Switch Mode 0:INVALID 1:AUTO 2:MANUAL	eventTrapPpMxTxSwitchMode	203
ppMxcsSelectedTx	Selected TX 0:INVALID 1:No.1 2:No.2	eventTrapPpMxSelectedTx	204
ppMxcsMainChLB1AllOff	2M CH LOOPBACK-1 ALL OFF 1:EXECUTE	eventTrapPpMxMainChLB1AllOff	205
ppMxcsMainChLB2AllOff	2M CH LOOPBACK-2 ALL OFF 1:EXECUTE	eventTrapPpMxMainChLB2AllOff	206

ppMxcsChTable

Object Name	Item	Trap Name	Trap Number
ppMxcsChPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxcsChIndex	(used as index of this table,1-40) Index CH 1:CH1,2:CH2,...,40:CH40	-----	-----
ppMxcsMainChLB1	2M CHxx LOOPBACK-1 Control 0:INVALID 1:OFF 2:ON	eventTrapPpMxMainChLB1	207
ppMxcsMainChLB2	2M CHxx LOOPBACK-2 Control 0:INVALID 1:OFF 2:ON	eventTrapPpMxMainChLB2	208

ppMxcsIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxcsIndvPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxcsIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
ppMxcsAtpcManual	ATPC MANUAL CONTROL 0:INVALID 1:AUTO 2:MANUAL If this item is MANUAL(1), ppMxcsTxPower is used.	eventTrapPpMxAtpcManual	209
ppMxcsTxPower	TX POWER Range: ppMxpdiTxPwrCtrlAtpcMaxValue, ppMxpdiTxPwrCtrlAtpcMinValue If ppMxcsAtpcManual is AUTO(0), This value is ignored.	eventTrapPpMxTxPower	210
ppMxcsTxMute	TX MUTE CONTROL 0:INVALID 1:OFF 2:ON	eventTrapPpMxTxMute	211

Object Name	Item	Trap Name	Trap Number
ppMxcsCw	CW CONTROL 0:INVALID 1:OFF 2:ON	eventTrapPpMxCw	212
ppMxcsTxMuteReleaseTime	TX MUTE RELEASE TIME (sec)	eventTrapPpMxTxMuteReleaseTime	276
ppMxcsIfLB	IF LOOPBACK CONTROL 0:INVALID 1:OFF 2:ON	eventTrapPpMxIfLB	213

ppMxcs4PortLanTable

Object Name	Item	Trap Name	Trap Number
ppMxcs4PortLanPasolIndex	PASOLINK NE IP address (used as index of this table)	----	----
ppMxcs4PortLanIndex	Index 4PORT LAN Device 1:4PORT LAN1-2 2:4PORT LAN3-4	----	----
ppMxcs4PortLanPortReset	4PORT LAN PORT RESET 1:EXECUTE	eventTrapPpMxIdu4PortLanPortReset	214

ppMxcs2PortLanTable

Object Name	Item	Trap Name	Trap Number
ppMxcs2PortLanPasolIndex	PASOLINK NE IP address (used as index of this table)	----	----
ppMxcs2PortLanIndex	Index 2PORT LAN Device 1:2PORT LAN1 2:2PORT LAN2	----	----
ppMxcs2PortLanPortReset	2PORT LAN PORT RESET 1:EXECUTE	eventTrapPpMxIdu2PortLanPortReset	215

ppMxesMaintTable

Object Name	Item	Trap Name	Trap Number
ppMxesCmnMaintPasolIndex	PASOLINK NE IP address (used as index of this table)	----	----
ppMxesMaint	MAINT CONTROL 0:INVALID 1:OFF 2:ON	eventTrapPpMxEquipmentMaint	216

ppMxesSupportabilityTable

Object Name	Item	Trap Name	Trap Number
ppMxesSupportabilityPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxesSupportabilityIndex	Supportability Index 1:4PLAN 2:20E1 3:RMON	-----	-----
ppMxesSupportability	Supportability 0:INVALID 1:UNSUPPORTABLE 2:SUPPORTABLE	-----	-----

ppMxesComTable

Object Name	Item	Trap Name	Trap Number
ppMxesComPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxesInsertedModule	INSERTED MODULE 0:INVALID 1:2M INTFC-M(32*2M) + BLANK 2:2M INTFC-M(32*2M) + 2M INTFC-S 3:2M INTFC-M(32*2M) + LAN INTFC-S 4:BLANK + LAN INTFC-S 5:LAN INTFC-M + BLANK 6:LAN INTFC-M + 2M INTFC-S 7:LAN INTFC-M + LAN INTFC-S 8:2M INTFC-M(20*2M) + BLANK 9:2M INTFC-M(20*2M) + LAN INTFC-S 10:TNS CARD + BLANK 11:TNS CARD + LAN INTFC-S 12:PNMS CARD+ BLANK 13:PNMS CARD+ LAN INTFC-S	eventTrapPpMxInsertedModule	274
ppMxesEquipment	EQUIPMENT 0:INVALID 1:Global/1+0 2:Global/1+1 3:Global/20*E1/1+0 4:Global/20*E1/1+1 5:BT/4*E1/1+0 6:BT/20*E1/1+0	-----	-----
ppMxesModuleDetected	MODULE DETECTED 0:INVALID 1:OFF 2:ON	eventTrapPpMxModuleDetected	275

ppMxosIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxosIndvPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxosIndvIndex	(used as index of this table, 1-2) 1:No.1 2:No.2	-----	-----
ppMxosTxPowerAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxOduTxPower	102
ppMxosTxInputAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxOduTxInput	101
ppMxosRxLevelAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxOduRxLevel	103
ppMxosApcAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxOduApc	104
ppMxosOduCpuAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxOduCpuAlm	105

ppMxisComTable

Object Name	Item	Trap Name	Trap Number
ppMxisComPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxisConfigDataInvalid	CONFIG DATA INVALID 0:VALID 1:INVALID	eventTrapPpMxConfigDataInvalid	217
ppMxisConfigDataUp	CONFIG DATA UP FLG 1:UPDATE	eventTrapPpMxConfigDataUp	218
ppMxisCalendarAlm	0:Invalid 1:NORMAL 2:ALARM	alarmTrapPpMxCalendar	121
ppMxisMainBoardAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduMainBoardAlm	106
ppMxisCpuSubAlm	CPU(SUB) 0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduCpuSubAlm	112
ppMxisLanIntfcMAIm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduLanIntfcMAIm	113
ppMxisLanIntfcSAIm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduLanIntfcSAIm	114
ppMxisTnsCard	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduTnsCard	126

ppMxisChTable

Object Name	Item	Trap Name	Trap Number
ppMxisChPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxisChIndex	(used as index of this table,1-40) 1:CH1,2:CH2,...,40:CH40	-----	-----
ppMxisInputLoss	INPUT LOSS 0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduInputLoss	107
ppMxisAisGenerated	AIS GENERATED 0:INVALID 1:NORMAL 2:GENERATED	eventTrapPpMxIduAisGenerated	219
ppMxisAisReceived	AIS RECEIVED 0:INVALID 1:NORMAL 2:RECEIVED	statusTrapPpMxAisReceived	502
ppMxisOutputLoss	OUTPUT LOSS 0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduOutputLoss	108
ppMxisUsageError	USAGE ERROR 0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduUsageError	120

ppMxisIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxisIndvPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxisIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
ppMxisHighBerAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduHighBerAlm	118
ppMxisLowBerAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduLowBerAlm	117
ppMxisLof	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduLof	119
ppMxisModAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduModAlm	109
ppMxisIfCableShortAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIdulfCableShort	111
ppMxisDemAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduDemAlm	110
ppMxisPsAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduPsAlm	116
ppMxisModemAlm	0:INVALID 1:NORMAL 2:ALARM	alarmTrapPpMxIduModemAlm	115

ppMxis4pLanTable

Object Name	Item	Trap Name	Trap Number
ppMxis4pLanPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxis4pLanIndex	(used as index of this table,1-4) 1:PORT1 2:PORT2 3:PORT3 4:PORT4	-----	-----
ppMxis4pLanLink	PORTx LINK(4P) 0:INVALID 1:LINK 2:ALARM	alarmTrapPpMxIdu4pLanLink	122
ppMxis4pLanCollision	PORTx COLLISION(4P) 0:INVALID, 1:NORMAL 2:COLLISION	eventTrapPpMxIdu4pLanCollision	220
ppMxis4pLanPortSpeedDuplex	PORT SPEED & DUPLEX(4P) 0:INVALID 1:10M-HALF(MDI) 2:10M-FULL(MDI) 3:100M-HALF(MDI) 4:100M-FULL(MDI) 5:10M-HALF(MDIX) 6:10M-FULL(MDIX) 7:100M-HALF(MDIX) 8:100M-FULL(MDIX)	eventTrapPpMxIdu4pLanPortSpeedDuplex	221
ppMxis4pLanLinkLosForwarding	PORTx LINK LOSS FORWARDING 0:INVALID 1:NORMAL 2:UNDER EXECUTION	eventTrapPpMxIdu4pLanLinkLosForwarding	222

ppMxis2pLanTable

Object Name	Item	Trap Name	Trap Number
ppMxis2pLanPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxis2pLanIndex	(used as index of this table,1-2) 1:PORT1 2:PORT2	-----	-----
ppMxis2pLanLink	PORTx LINK(2P) 0:INVALID 1:LINK 2:ALARM	alarmTrapPpMxIdu2pLanLink	123
ppMxis2pLanCollision	PORTx COLLISION(2P) 0:INVALID 1:NORMAL 2:COLLISION	eventTrapPpMxIdu2pLanCollision	223
ppMxis2pLanPortSpeedDuplex	PORT SPEED & DUPLEX(2P) 0:INVALID 1:10M-HALF(MDI) 2:10M-FULL(MDI) 3:100M-HALF(MDI) 4:100M-FULL(MDI) 5:10M-HALF(MDIX) 6:10M-FULL(MDIX) 7:100M-HALF(MDIX) 8:100M-FULL(MDIX)	eventTrapPpMxIdu2pLanPortSpeedDuplex	224
ppMxis2pLanLinkLosForwarding	PORTx LINK LOSS FORWARDING 0:INVALID, 1:NORMAL, 2:UNDER EXECUTION	eventTrapPpMxIdu2pLanLinkLosForwarding	225

2.2.4 ppMxEquipmentConfigInfo group

The object ID's in this group defines equipment configuration information of the NE such as TX/RX frequency, redundancy configuration, main interface type and Frame ID.

ppMxeciIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxeciIndvPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxeciIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
ppMxeciFrameId	Frame ID 1:ID1,2:ID2, .. 32:ID32, 0:Invalid	-----	-----

ppMxeciCmnTable

Object Name	Item	Trap Name	Trap Number
ppMxeciCmnPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxeciSystemConfiguration	SYSTEM CONFIGURATION 1:1+0(BT 4*2M), 2:1+0(BT 20*2M), 3:1+0, 4:HS(1+1), 5:TWIN PATH (1+1) 6:1+0(Expandable),	-----	-----
ppMxeciTxFwrCtrl	Tx Power Control 1:MTPC 2:ATPC	-----	-----
ppMxeciTransmissionCapacity	TRANSMISSION CAPACITY 1:10 Mbps 2:20 Mbps 3:40 Mbps 4:80 Mbps 5:10 Mbps(FIX)	-----	-----
ppMxeciIntfcModuleConfiguration	INTFC MODULE CONFIGURATION 0:INVALID 1:2M INTFC-M(32*2M) + BLANK 2:2M INTFC-M(32*2M) + 2M INTFC-S 3:2M INTFC-M(32*2M) + LAN INTFC-S 4:BLANK + LAN INTFC-S 5:LAN INTFC-M + BLANK 6:LAN INTFC-M + 2M INTFC-S 7:LAN INTFC-M + LAN INTFC-S 8:2M INTFC-M(20*2M) + BLANK 9:2M INTFC-M(20*2M) + LAN INTFC-S 10:TNS CARD + BLANK 11:TNS CARD + LAN INTFC-S 12:PNMS CARD + BLANK 13:PNMS CARD + LAN INTFC-S	-----	-----
ppMxeciModulation	MODULATION 1:QPSK 2:16QAM	-----	-----
ppMxeciOduType	ODU TYPE 1:PASO TYPE 2:PASO+ TYPE-1 3:PASO+ TYPE-2 4:PASO+ TYPE-3 5:PASO+ TYPE-4 6:PASO+ TYPE-5 7:PASO+ TYPE-6 8:PASO+ TYPE-7 9:PASO+ TYPE-8	-----	-----

ppMxeci2MLanUsageTable

Object Name	Item	Trap Name	Trap Number
ppMxeci2MLanUsagePasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxeci2MLanUsageIndex	(used as index of this table,1-5) 1:32*2M USAGE (2M INTFC-M) 2:8*2M USAGE (2M INTFC-S) 3:20*2M USAGE (2M INTFC-M) 4:4*2M USAGE 5:20*2M USAGE	-----	-----
ppMxeci2MLanUsage	2M / LAN USAGE 1:USED 2:NOT USED This MIB is not Used(Reserved). value is 0 fixed.	-----	-----

ppMxeci4PortLanTable

Object Name	Item	Trap Name	Trap Number
ppMxeci4PortLanPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxeci4PortLanUsage	4PORT LAN USAGE (LAN INTFC-M) 1:USED 2:NOT USED This MIB is not Used(Reserved). value is 0 fixed.	-----	-----
ppMxeci4PortLanRadioMapping	4PORT LAN >> RADIO MAPPING 0:INVALID 1:PORT1-4 SHARED/ 1PORT ONLY 2:PORT1-2 SHARED PORT3-4 SHARED 3:PORT1-4 SEPARATED 4:NOT USED	-----	-----
ppMxeci4PortLan2MCapacity	4PORT LAN & 2M CAPACITY 0:0Mbps-80:80Mbps	-----	-----

ppMxeci2PortLanTable

Object Name	Item	Trap Name	Trap Number
ppMxeci2PortLanPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxeci2PortLanUsage	2PORT LAN USAGE (LAN INTFC-S) 1:USED 2:NOT USED This MIB is not Used(Reserved). value is 0 fixed.	-----	-----
ppMxeci2PortLanRadioMapping	2PORT LAN >> RADIO MAPPING 0:INVALID 1:PORT1-2 SHARED / 1PORT ONLY(MAIN) 2:PORT1-2 SEPARATED(MAIN) 3:PORT1-2 SHARED / 1PORT ONLY(SC) 4:PORT1(MAIN), PORT2(SC) 5:NOT USED	-----	-----
ppMxeci2PortLan2MCapacity	2PORT LAN & 2M CAPACITY 0:0Mbps-80:80Mbps	-----	-----
ppMxeci2PortLanScAssignment	2PORT LAN & SC ASSIGNMENT 0:INVALID 1:P1-P2/1P= 64K 2:P1-P2/1P=128K	-----	-----

2.2.5 ppMxProvisioningInfo group

The object ID's in this group defines provisioning information of the NE such as BER threshold value, performance monitor threshold value, OH assignment setting and sub interface setting

ppMxpdiBerTable

Object Name	Item	Trap Name	Trap Number
PpMxpdiBerPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
PpMxpdiBerIndex	BER Index high-ber(1), low-ber(2) Index3-6 are reserve.	-----	-----
PpMxpdiBerThreshold	BER THRESHOLD 0x00:NOT USED 0x34:3E-4(high-ber only) 0x35:3E-5(high-ber only) 0x36:3E-6 0x37:3E-7(low-ber only) 0x38:3E-8(low-ber only) 0x39:3E-9(low-ber only) 0xFF:EARLY WARNING (low-ber only)	eventTrapPpMxBerThreshold	230

ppMxpdiAisActivationTable

Object Name	Item	Trap Name	Trap Number
PpMxpdiAisActivationPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
PpMxpdiAisActivationCondition	AIS ACTIVATION CONDITION 0:INVALID 1:LOF+HIGH BER 2:LOF	eventTrapPpMxAisActivationCondition	241

ppMxpdiClusterAlarmTable

Object Name	Item	Trap Name	Trap Number
PpMxpdiClusterAlarmPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiClusterAlarmIndex	(used as index of this table,1-2) 1:Cluster Alarm 1 2:Cluster Alarm 2	-----	-----
PpMxpdiClusterAlarmUsage	CLUSTER ALARM SETTING 0:INVALID 1:ENABLED 2:DISABLED	eventTrapPpMxClusterAlarmUsage	277

ppMxpdiTcnTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiTcnPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiTcnItemName	TCN NAME 1:tcnOFS 2:tcnES 3:tcnSES 4:tcnUAS 5:tcnBBE	-----	-----
ppMxpdiTcnDailyOccur	Threshold Daily Occur	eventTrapPpMxTcnDailyOccur	226
ppMxpdiTcnDailyRecover	Threshold Daily Recover	eventTrapPpMxTcnDailyRecover	227
ppMxpdiTcnWeeklyOccur	Threshold weekly Occur	eventTrapPpMxTcnWeeklyOccur	228
ppMxpdiTcnWeeklyRecover	Threshold weekly Recover	eventTrapPpMxTcnWeeklyRecover	229

ppMxpdiTxPwrCtrlIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiTxPwrCtrlIndvPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiTxPwrCtrlIndvIndex	(used as index of this table, 1-2) 1:No.1 2:No.2	-----	-----
ppMxpdiTxPwrCtrlAtpcMax	ATPC MAXIMUM [dB] Range is different according to ppMxiviOduProvAtpcMax and ppMxiviOduProvAtpcMin.	eventTrapPpMxAtpcMax	232
ppMxpdiTxPwrCtrlAtpcMin	ATPC MINIMUM [dB] Range is different according to ppMxiviOduProvAtpcMax and ppMxiviOduProvAtpcMin.	eventTrapPpMxAtpcMin	233
ppMxpdiTxPwrCtrlMtpcTxPower	MTPC TX POWER [dB] Range is different according to ppMxiviOduProvMtpcMax and ppMxiviOduProvMtpcMin	eventTrapPpMxMtpcTxPower	237
ppMxpdiTxPwrCtrlRxThresholdLevel	RX THRESHOLD LEVEL [dBm] Range is different according to ppMxiviOduProvRxThresholdMax, ppMxiviOduProvRxThresholdMin	eventTrapPpMxAtpcRxThresholdLevel	234
ppMxpdiTxPwrCtrlAdditionalAtt	Additional ATT [dB] Range is different according to ppMxiviOduProvAdditionalAttMax and ppMxiviOduProvAdditionalAttMin.	eventTrapPpMxAdditionalAtt	231

ppMxpdiTxPwrCtrlComTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiTxPwrCtrlComPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiTxPwrCtrlOduAlarmMode	ODU ALM MODE 1:MUTE, 2:MAX 3:MIN 4:HOLD 1:MUTE is prohibited	eventTrapPpMxOduAlarmMode	236
ppMxpdiTxPwrCtrlTxSwPriority	TXSW Priority 0:INVALID 1:priority NO.1 2:non-priority	eventTrapPpMxTxSwPriority	238
ppMxpdiTxPwrCtrlRxSwPriority	RXSW Priority 0:INVALID 1:priority NO.1 2:non-priority	eventTrapPpMxRxSwPriority	239

ppMxpdiMainChTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiMainChPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiMainChIndex	(used as index of this table,1-40) 1:CH1,2:CH2,...,40:CH40	-----	-----
ppMxpdiMainChUsage	CHANNEL USAGE 0:INVALID 1:USED 2:NOT USED, 3:LAN RESERVED	eventTrapPpMxMainChUsage	245

ppMxpdiMainChComTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiMainChComPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiMainChAisReceivedReport	AIS RECEIVED REPORT 0:INVALID 1:REPORTED , 2:NOT REPORTED	eventTrapPpMxMainChAisReceivedReport	242
ppMxpdiMainChAisReceivedConditionSetting	AIS RECEIVED CONDITION SETTING 0:INVALID 1:ALARM 2:STATUS	eventTrapPpMxMainChAisReceivedConditionSetting	243
ppMxpdiMainChAisGeneratedReport	AIS GENERATED REPORT 0:INVALID 1:REPORTED 2:NOT REPORTED	eventTrapPpMxMainChAisGeneratedReport	244
ppMxpdiMainChUsageErrorReport	CHANNEL USAGE ERROR REPORT 0:INVALID 1:REPORTED 2:NOT REPORTED	eventTrapPpMxMainChErrorReport	246

ppMxpdiLanIntfcMTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiLanIntfcMPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiLanIntfcMIndex	(used as index of this table,1-4) 1:port1 2:port2 3:port3 4:port4	-----	-----
ppMxpdi4pLanPortUsage	PORTx USAGE(4P) 0:INVALID, 1:USED , 2:NOT USED	eventTrapPpMx4pLanPortUsage	247
ppMxpdi4pLanPortSpeedDuplex	PORTx SPEED & DUPLEX(4P) SETTING 1:AUTONEG(AUTO-MDI/MDIX) 2:10M-HALF(MDI) 3:10M-FULL(MDI) 4:100M-HALF(MDI) 5:100M-FULL(MDI) 6:10M-HALF(MDIX) 7:10M-FULL(MDIX) 8:100M-HALF(MDIX) 9:100M-FULL(MDIX) 0:INVALID	eventTrapPpMx4pLanPortSpeedDuplex	248
ppMxpdi4pLanFlowControl	PORTx FLOW CONTROL(4P) 0:INVALID 1:ON 2:OFF	eventTrapPpMx4pLanFlowControl	249
ppMxpdi4pLanCollisionReport	PORTx COLLISION REPORT(4P) 0:INVALID 1:REPORTED 2:NOT REPORTED	eventTrapPpMx4pLanCollisionReport	250
ppMxpdi4pLanLinkLossForwarding	PORTx LINK LOSS FORWARDING(4P) 0:INVALID 1:ENABLED 2:DISABLED	eventTrapPpMx4pLanLinkLossForwarding	251

ppMxpdiLanIntfcMComTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiLanIntfcMComPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdi4pLanPortSwitching	PORT SWITCHING(4P) 0:INVALID 1:P1-2=ENABLED P3-4=ENABLED 2:P1-2=ENABLED P3-4=DISABLED 3:P1-2=DISABLED P3-4=ENABLED 4:P1-2=DISABLED P3-4=DISABLED 5:P1-4=ENABLED 6:P1-4=DISABLED	eventTrapPpMx4pLanPortSwitching	252

ppMxpdilAnIntfcSTable

Object Name	Item	Trap Name	Trap Number
ppMxpdilAnIntfcSPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdilAnIntfcSIndex	(used as index of this table,1-2) 1:Port1 2:Port2	-----	-----
ppMxpdil2pLanPortUsage	PORTx USAGE(2P) 0:INVALID, 1:USED , 2:NOT USED	eventTrapPpMx2pLanPortUsage	253
ppMxpdil2pLanPortSpeedDuplex	PORTx SPEED & DUPLEX(2P) SETTING 1:AUTONEG(AUTO-MDI/MDIX) 2:10M-HALF(MDI) 3:10M-FULL(MDI) 4:100M-HALF(MDI) 5:100M-FULL(MDI) 6:10M-HALF(MDIX) 7:10M-FULL(MDIX) 8:100M-HALF(MDIX) 9:100M-FULL(MDIX) 0:INVALID	eventTrapPpMx2pLanPortSpeedDuplex	254
ppMxpdil2pLanFlowControl	PORTx FLOW CONTROL(2P) 0:INVALID 1:ON 2:OFF	eventTrapPpMx2pLanFlowControl	255
ppMxpdil2pLanCollisionReport	PORTx COLLISION REPORT(2P) 0:INVALID 1:REPORTED 2:NOT REPORTED	eventTrapPpMx2pLanCollisionReport	256
ppMxpdil2pLanLinkLossForwarding	PORTx LINK LOSS FORWARDING(2P) 0:INVALID 1:ENABLED 2:DISABLED	eventTrapPpMx2pLanLinkLossForwarding	257

ppMxpdilAnIntfcSComTable

Object Name	Item	Trap Name	Trap Number
ppMxpdilAnIntfcSComPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdil2pLanPortSwitching	PORT SWITCHING(2P) 0:INVALID 1:P1-2=ENABLED 2:P1-2=DISABLED	eventTrapPpMx2pLanPortSwitching	260
ppMxpdil2pLanPort1or12Lan2MFraming	PORT1/1-2 LAN >> 2M FRAMING 0:INVALID 1:UNFRAMED 2:PCM-31C(FAS+CRC) 3:PCM-31(FAS) 4:PCM-30C(MFAS+CRC) 5:PCM-30(MFAS)	eventTrapPpMx2pLanPort1or12Lan2MFraming	258
ppMxpdil2pLanPort2Lan2MFraming	PORT2 LAN >> 2M FRAMING 0:INVALID 1:UNFRAMED 2:PCM-31C(FAS+CRC) 3:PCM-31(FAS) 4:PCM-30C(MFAS+CRC) 5:PCM-30(MFAS)	eventTrapPpMx2pLanPort2Lan2MFraming	259

ppMxpdiScAssignTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiScAssignPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiSc1Usage	SC1 USAGE 1:RS-232C 2:LAN	eventTrapPpMxSc1Usage	261
ppMxpdiSc2Usage	SC2 USAGE 1:RS-232C 2:LAN	eventTrapPpMxSc2Usage	262
ppMxpdiSc3Usage	SC3 USAGE 1:V.11(CO-DIRECTIONAL) 2:V.11(CONTRA-DIRECTIONAL) 3:TNS CARD	eventTrapPpMxSc3Usage	263
ppMxpdiSc4Usage	SC4 USAGE 0:INVALID 1:V.11(CO-DIRECTIONAL) 2:V.11(CONTRA-DIRECTIONAL)	eventTrapPpMxSc4Usage	264

ppMxpdiExtAlarmTable

Object Name	Item	Trap Name	Trap Number
ppMxpdiExtAlarmPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpdiExtAlarmIndex	(used as index of this table,1-7) 1:relay1 2:relay2 3:relay3 4:relay4 5:relay5 6:relay6 7:relay7	-----	-----
ppMxpdiExtAlarmRelay	Relay setting bitmap *The bitmap is shown and described in the table below.	eventTrapPpMxRelay	265

1+0 System

bit7	bit6	bit5	bit4	bit3	bit2	bit1	bit0
CPU ALM	-	-	-	-		PS ALM1	MAINT
-	-	-	-		IDU ALM1		ODU ALM1
	APC ALM1		RX LEV ALM1		TX IN ALM1		TX PWR ALM1
-	-		ODU CPU ALM1	-	-		IF CABLE SHORT ALM1
-	-		DEM ALM1	-	-		MOD ALM1
-	-		HIGH BER ALM1	-	-		LOW BER ALM1
USAGE ERROR	AIS GEN	AIS RCVD	OUTPUT LOSS	INPUT LOSS	-		LOF1
HK1 OUT	HK2 OUT	HK3 OUT	HK4 OUT	-	-	Cluster ALM2	Cluster ALM1

1+1 System

bit7	bit6	bit5	bit4	bit3	bit2	bit1	bit0
CPU ALM	-	-	-	-	PS ALM2	PS ALM1	MAINT
-	-	-	-	IDU ALM2	IDU ALM1	ODU ALM2	ODU ALM1
APC ALM2	APC ALM1	RX LEV ALM2	RX LEV ALM1	TX IN ALM2	TX IN ALM1	TX PWR ALM2	TX PWR ALM1
-	-	ODU CPU ALM2	ODU CPU ALM1	-	-	IF CABLE SHORT ALM2	IF CABLE SHORT ALM1
-	-	DEM ALM2	DEM ALM1	-	-	MOD ALM2	MOD ALM1
-	-	HIGH BER ALM2	HIGH BER ALM1	-	-	LOW BER ALM2	LOW BER ALM1
USAGE ERROR	AIS GEN	AIS RCVD	OUTPUT LOSS	INPUT LOSS	-	LOF2	LOF1
HK1 OUT	HK2 OUT	HK3 OUT	HK4 OUT	-	-	Cluster ALM2	Cluster ALM1

2.2.6 ppMxInventoryInfo group

The object ID's in this group defines inventory information of the ODU and IDU such as code number, date of manufacture, serial number and software version.

ppMxiviSwUnitTable

Object Name	Item	Trap Name	Trap Number
ppMxiviSwUnitPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviSwUnitCodeNo	Switch Unit Code No.	-----	-----
ppMxiviSwUnitSerialNo	Switch Unit Serial No.	-----	-----
ppMxiviSwUnitDate	Switch Unit Manufacturing Date (YY/MM/DD)	-----	-----
ppMxiviSwUnitSwVersion	Switch Unit Software Version	-----	-----

ppMxiviIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxiviIndvPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
ppMxiviIndvName	INDEX 1: ODU 2: MODEM 3: ODU Interface	-----	-----
ppMxiviIndvCodeNo	CodeNo	-----	-----
ppMxiviIndvSerialNo	SerialNo	-----	-----
ppMxiviIndvDate	Manufacturing Date (YY/MM/DD)	-----	-----
ppMxiviIndvHwVersion	Hardware Version	-----	-----
ppMxiviIndvSwVersion	Software Version	-----	-----

ppMxiviOduFreqIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxiviOduFreqIndvPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
PpMxiviOduFreqIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
PpMxiviOduFreqTxStartFreq	TxStart Frequency[MHz]	-----	-----
PpMxiviOduFreqTxEndFreq	TxEnd Frequency[MHz]	-----	-----
ppMxiviOduFreqUpperLower	UpperLower 1:Lower 2:Upper 35:INVALID 42:NOT OBTAIN	-----	-----

ppMxiviFreqSettingIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxiviFreqSettingIndvPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviFreqSettingIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
ppMxiviFreqSettingTxFreq	TX Frequency [MHz]	eventTrapPpMxTxFreq	266
ppMxiviFreqSettingRxFreq	RX Frequency [MHz]	eventTrapPpMxRxFreq	267
ppMxiviFreqSettingShiftFreq	Sift Frequency [MHz]	eventTrapPpMxShiftFreq	269
ppMxiviFreqSettingSubBand	SUB BAND 1 ASCII Character	eventTrapPpMxSubBand	270

ppMxiviOduProvIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxiviOduProvIndvPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviOduProvIndvIndex	(used as index of this table,1-2) 1:No.1 2:No.2	-----	-----
ppMxiviOduProvAtpcMax	ATPC MAX[dB]	-----	-----
ppMxiviOduProvAtpcMin	ATPC MIN[dB]	-----	-----
ppMxiviOduProvMtpcMax	MTPC MAX[dB]	-----	-----
ppMxiviOduProvMtpcMin	MTPC MIN[dB]	-----	-----
ppMxiviOduProvRxThresholdMax	RX Threshold MAX[dB]	-----	-----
ppMxiviOduProvRxThresholdMin	RX Threshold MIN[dB]	-----	-----
ppMxiviOduProvAdditionalAttMax	Additional ATT MAX[dB]	-----	-----
ppMxiviOduProvAdditionalAttMin	Additional ATT MIN[dB]	-----	-----

ppMxiviPldCmnTable

Object Name	Item	Trap Name	Trap Number
ppMxiviPldCmnPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviPldCmnIndex	(used as index of this table,1-4) 1:PLD Interface Version 2:PLD Control Version 3:PLD CPU(SUB) Version 4:PLD Configuration Version	-----	-----
ppMxiviPldCmnProgramNo	Program No.	-----	-----
ppMxiviPldCmnProgramVersion	Program Version	-----	-----
ppMxiviPldCmnName	Name	-----	-----

ppMxiviPldDpuTable

Object Name	Item	Trap Name	Trap Number
ppMxiviPldDpuPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviPldDpuIndex	(used as index of this table,1-2) 1:pldDpu1 2:pldDpu2	-----	-----
ppMxiviPldDpuProgramNo	Program No.	-----	-----
ppMxiviPldDpuProgramVersion	Program Version	-----	-----
ppMxiviPldDpuName	Name	-----	-----

ppMxiviPldLanTable

Object Name	Item	Trap Name	Trap Number
ppMxiviPldLanPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviPldLanIndex	(used as index of this table,1-2) 1:pld2pLan 2:pld4pLan	-----	-----
ppMxiviPldLanProgramNo	Program No.	-----	-----
ppMxiviPldLanProgramVersion	Program Version	-----	-----
ppMxiviPldLanName	Name	-----	-----

ppMxiviPldMdromTable

Object Name	Item	Trap Name	Trap Number
ppMxiviPldMdromPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxiviPldMdromIndex	(used as index of this table,1-2) 1:PLD MDROM1 2:PLD MDROM2	-----	-----
ppMxiviPldMdromProgramNo	Program No.	-----	-----
ppMxiviPldMdromProgramVersion	Program Version	-----	-----
ppMxiviPldMdromName	Name	-----	-----

2.2.7 ppMxMeteringInfo group

The object ID's in this group defines metering information of the ODU and IDU such as TX power, RX level Power supply and Bit Error Rate.

ppMxmdiIndvTable

Object Name	Item	Trap Name	Trap Number
ppMxmdiIndvPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxmdiIndvIndex	(used as index of this table, 1-2) 1:No.1 2:No.2	-----	-----
ppMxmdiTxPower	TX Power [dBm]	-----	-----
ppMxmdiRxLevel	RX Level [dBm]	-----	-----
ppMxmdiOduPs	ODU PS [V]	-----	-----

ppMxmdiBerTable

Object Name	Item	Trap Name	Trap Number
ppMxmdiBerPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxmdiBer	BER	-----	-----

2.2.8 ppMxPmonInfo group

The object ID's in this group defines performance monitor data information of the NE.

ppMxpmDailyDataInfoTable

Object Name	Item	Trap Name	Trap Number
ppMxpmDailyDataInfoPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmDailyStatus	Daily Status 0:Not obtain 1:Valid & Not maintenance 2:Valid & Maintenance 3:Invalid & Not maintenance 4:Invalid & Maintenance	-----	-----

ppMxpmDailyDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmDailyDataPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmDailyItemName	(used as index of this table, 1-5) 1:OFS 2:ES 3:SES 4:UAS 5:BBE	-----	-----
ppMxpmDailyCurrentData	Daily Current Data	-----	-----
ppMxpmDailyCurrentAlarm	Daily Current Alarm 0:INVALID 1:Normal 2:Alarm	alarmTrapPpMxTcnDaily	124

Object Name	Item	Trap Name	Trap Number
ppMxpmDailyHistoricalAlarm	Daily historical alarm 1Bit per day is used for the alarm status as follows. 0 Bit: (Not used for Mx) 1 Bit: 1st older Daily data (Usually yesterday) N Bit: Nth older Daily data (Usually N days before) Meaning of status 0 : No alarm 1 : Alarm Max 7days data are kept, lower 8 bits are used. '0' is set in 9th bit and higher.	-----	-----

ppMxpmWeeklyDataInfoTable

Object Name	Item	Trap Name	Trap Number
ppMxpmWeeklyDataInfoPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmWeeklyStatus	Weekly Status 0:Not obtain 1:Valid & Not maintenance 2:Valid & Maintenance 3:Invalid & Not maintenance 4:Invalid & Maintenance	-----	-----

ppMxpmWeeklyDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmWeeklyDataPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmWeeklyItemName	(used as index of this table,1-5) 1:OFS 2:ES 3:SES 4:UAS 5:BBE	-----	-----
ppMxpmWeeklyCurrentData	Weekly Current Data	-----	-----
ppMxpmWeeklyCurrentAlarm	Weekly Current Alarm 0:INVALID 1:Normal 2:Alarm	alarmTrapPpMxTcnWeekly	125
ppMxpmWeeklyHistoricalAlarm	Weekly historical alarm 1Bit per day is used for the alarm status as follows. 0 Bit: (Not used) 1 Bit: 1st older Daily data (Usually yesterday) N Bit: Nth older Daily data (Usually N days before) Meaning of status 0 : No alarm 1 : Alarm Max 7days data are kept, lower 8 bits are used. '0' is set in 9th bit and higher.	-----	-----

ppMxpmRmonDailyIntfcMInfoDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcMInfoPasolIndex	Not Used PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmRmonDailyIntfcMInfoPortName	Not Used (used as index of this table,1-8) 1:LINE Port1 2:LINE Port2 3:LINE Port3 4:LINE Port4 5:DMR Port1 6:DMR Port2 7:DMR Port3 8:DMR Port4	-----	-----
ppMxpmRmonDailyIntfcMInfoStatus	Not Used Status 0:Not obtained 1:Valid & Not maintenance 2:Valid & Maintenance 3:Invalid & Not maintenance 4:Invalid & Maintenance	-----	-----
ppMxpmRmonDailyIntfcMInfoPortUsage	Not Used Port Usage 0:Invalid 1:used 2:not_used	-----	-----

ppMxpmRmonDailyIntfcMDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcMPasoIndex	Not Used PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmRmonDailyIntfcMPortName	Not Used (used as index of this table,1-8) 1:LINE PORT1 2:LINE PORT2 3:LINE PORT3 4:LINE PORT4 5:DMR PORT1 6:DMR PORT2 7:DMR PORT3 8:DMR PORT4	-----	-----
ppMxpmRmonDailyIntfcMRxUnicast	Not Used The total number of unicast packets received. This item measures from 64 octets to 1536 octets.	-----	-----
ppMxpmRmonDailyIntfcMRxBroadcast	Not Used The total number of packets received that were directed to the broadcast address. This item measures from 64 to 1536 octets in length.	-----	-----
ppMxpmRmonDailyIntfcMRxMulticast	Not Used The total number of packets received that were directed to a multicast address. This item measures from 64 to 1536 octets in length.	-----	-----

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcMRxPause	Not Used The total number of packets received that were paused.	----	----
ppMxpmRmonDailyIntfcMRxCrcError	Not Used The total number of packets received that detected FCS error. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonDailyIntfcMRxFragments	Not Used The total number of packets (Including bad packets) received that were less than 64 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx64Octets	Not Used The total number of packets (Including bad packets) received that were 64 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx65to127Octets	Not Used The total number of packets (Including bad packets) received that were between 65 and 127 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx128to255Octets	Not Used The total number of packets (Including bad packets) received that were between 128 and 255 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx256to511Octets	Not Used The total number of packets (Including bad packets) received that were between 256 and 511 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx512to1023Octets	Not Used The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx1024to1536Octets	Not Used The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	----	----
ppMxpmRmonDailyIntfcMRx1537toMaxSizeOctets	Not Used The total number of good packets received that were between 1537 and 1916 octets in length.	----	----
ppMxpmRmonDailyIntfcMRxJabbers	Not Used The total number of packets received (Including bad packets) that were longer than 1537 octets.	----	----
ppMxpmRmonDailyIntfcMTxUnicast	Not Used The total number of unicast packets transmitted. This item measures from 64 to 1916 octets in length.	----	----
ppMxpmRmonDailyIntfcMTxBroadcast	Not Used The total number of packets transmitted that were directed to the broadcast address. This item measures from 64 to 1916 octets in length.	----	----
ppMxpmRmonDailyIntfcMTxMulticast	Not Used The total number of packets transmitted that were directed to a multicast address. This item measures from 64 to 1916 octets in length.	----	----
ppMxpmRmonDailyIntfcMTxPause	Not Used The total number of packets transmitted that were paused.	----	----

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcMTxTotalCollision	Not Used The total number of collisions when it is transmitting. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----
ppMxpmRmonDailyIntfcMRxAlignmentError	Not Used The total number of packets received that detected Alignment error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----
ppMxpmRmonDailyIntfcMRxSymbolError	Not Used The total number of packets received that detected Symbol error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----
ppMxpmRmonDailyIntfcMRxUndersize	Not Used The total number of good packets received that were less than 64 octets in length. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----

ppMxpmRmonDailyIntfcSInfoDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcSInfoPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmRmonDailyIntfcSInfoPortName	(used as index of this table, 1-4) 1:LINE PORT1 2:LINE PORT2 3:DMR PORT1 4:DMR PORT2	-----	-----
ppMxpmRmonDailyIntfcSInfoStatus	Status 0:Not obtained 1:Valid & Not maintenance 2:Valid & Maintenance 3:Invalid & Not maintenance 4:Invalid & Maintenance	-----	-----
ppMxpmRmonDailyIntfcSInfoPortUsage	Port Usage 0:Invalid 1:used 2:not_used	-----	-----

ppMxpmRmonDailyIntfcSDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcSPasolindex	PASOLINK NE IP address (used as index of this table)	----	----
ppMxpmRmonDailyIntfcSPortName	(used as index of this table,1-8) 1:LINE PORT1 2:LINE PORT2 3:LINE PORT3 4:LINE PORT4 5:DMR PORT1 6:DMR PORT2 7:DMR PORT3 8:DMR PORT4	----	----
ppMxpmRmonDailyIntfcSRxUnicast	The total number of unicast packets received. This item measures from 64 octets to 1536 octets.	----	----
ppMxpmRmonDailyIntfcSRxBroadcast	The total number of packets received that were directed to the broadcast address. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonDailyIntfcSRxMulticast	The total number of packets received that were directed to a multicast address. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonDailyIntfcSRxPause	The total number of packets received that were paused.	----	----
ppMxpmRmonDailyIntfcSRxCrcError	The total number of packets received that detected FCS error. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonDailyIntfcSRxFragments	The total number of packets (Including bad packets) received that were less than 64 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx64Octets	The total number of packets (Including bad packets) received that were 64 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx65to127Octets	The total number of packets (Including bad packets) received that were between 65 and 127 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx128to255Octets	The total number of packets (Including bad packets) received that were between 128 and 255 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx256to511Octets	The total number of packets (Including bad packets) received that were between 256 and 511 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx512to1023Octets	The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx1024to1536Octets	The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	----	----
ppMxpmRmonDailyIntfcSRx1537toMaxSizeOctets	The total number of good packets received that were between 1537 and 1916 octets in length.	----	----
ppMxpmRmonDailyIntfcSRxJabbers	The total number of packets received (Including bad packets) that were longer than 1537 octets.	----	----
ppMxpmRmonDailyIntfcSTxUnicast	The total number of unicast packets transmitted. This item measures from 64 to 1916 octets in length.	----	----

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonDailyIntfcSTxBroadcast	The total number of packets transmitted that were directed to the broadcast address. This item measures from 64 to 1916 octets in length.	-----	-----
ppMxpmRmonDailyIntfcSTxMulticast	The total number of packets transmitted that were directed to a multicast address. This item measures from 64 to 1916 octets in length.	-----	-----
ppMxpmRmonDailyIntfcSTxPause	The total number of packets transmitted that were paused.	-----	-----
ppMxpmRmonDailyIntfcSTxTotalCollision	The total number of collisions when it is transmitting. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----
ppMxpmRmonDailyIntfcSRxAlignmentError	The total number of packets received that detected Alignment error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----
ppMxpmRmonDailyIntfcSRxSymbolError	The total number of packets received that detected Symbol error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed).	-----	-----
ppMxpmRmonDailyIntfcSRxUndersize	The total number of good packets received that were less than 64 octets in length. When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)	-----	-----

ppMxpmRmonWeeklyIntfcMInfoDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonWeeklyIntfcMInfoPasolIndex	Not Used PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmRmonWeeklyIntfcMInfoPortName	Not Used (used as index of this table,1-8) 1:LINE PORT1 2:LINE PORT2 3:LINE PORT3 4:LINE PORT4 5:DMR PORT1 6:DMR PORT2 7:DMR PORT3 8:DMR PORT4	-----	-----
ppMxpmRmonWeeklyIntfcMInfoStatus	Not Used Status 0:Not obtained 1:Valid & Not maintenance 2:Valid & Maintenance 3:Invalid & Not maintenance 4:Invalid & Maintenance	-----	-----
ppMxpmRmonWeeklyIntfcMInfoPortUsage	Not Used Port Usage 0:Invalid 1:used 2:not_used	-----	-----

ppMxpmRmonWeeklyIntfcMDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonWeeklyIntfcMPa solIndex	Not Used PASOLINK NE IP address (used as index of this table)	----	----
ppMxpmRmonWeeklyIntfcMPo rtName	Not Used (used as index of this table, 1-4) 1:LINE PORT1 2:LINE PORT2 3:DMR PORT1 4:DMR PORT2	----	----
ppMxpmRmonWeeklyIntfcMRx Unicast	Not Used The total number of unicast packets received. This item measures from 64 octets to 1536 octets.	----	----
ppMxpmRmonWeeklyIntfcMRx Broadcast	Not Used The total number of packets received that were directed to the broadcast address. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx Multicast	Not Used The total number of packets received that were directed to a multicast address. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx Pause	Not Used The total number of packets received that were paused.	----	----
ppMxpmRmonWeeklyIntfcMRx CrcError	Not Used The total number of packets received that detected FCS error. This item measures from 64 to 1536 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx Fragments	Not Used The total number of packets (Including bad packets) received that were less than 64 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 64Octets	Not Used The total number of packets (Including bad packets) received that were 64 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 65to127Octets	Not Used The total number of packets (Including bad packets) received that were between 65 and 127 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 128to255Octets	Not Used The total number of packets (Including bad packets) received that were between 128 and 255 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 256to511Octets	Not Used The total number of packets (Including bad packets) received that were between 256 and 511 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 512to1023Octets	Not Used The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 1024to1536Octets	Not Used The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMRx 1537toMaxSizeOctets	Not Used The total number of good packets received that were between 1537 and 1916 octets in length.	----	----

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonWeeklyIntfcMRx Jabbers	Not Used The total number of packets received (Including bad packets) that were longer than 1537 octets.	----	----
ppMxpmRmonWeeklyIntfcMTx Unicast	Not Used The total number of unicast packets transmitted. This item measures from 64 to 1916 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMTx Broadcast	Not Used The total number of packets transmitted that were directed to the broadcast address. This item measures from 64 to 1916 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMTx Multicast	Not Used The total number of packets transmitted that were directed to a multicast address. This item measures from 64 to 1916 octets in length.	----	----
ppMxpmRmonWeeklyIntfcMTx Pause	Not Used The total number of packets transmitted that were paused.	----	----
ppMxpmRmonWeeklyIntfcMTx TotalCollision	Not Used The total number of collisions when it is transmitting. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed).	----	----
ppMxpmRmonWeeklyIntfcMRx AlignmentError	Not Used The total number of packets received that detected Alignment error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed).	----	----
ppMxpmRmonWeeklyIntfcMRx SymbolError	Not Used The total number of packets received that detected Symbol error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed).	----	----
ppMxpmRmonWeeklyIntfcMRx Undersize	Not Used The total number of good packets received that were less than 64 octets in length. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)	----	----

ppMxpmRmonWeeklyIntfcSInfoDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonWeeklyIntfcSInfoPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmRmonWeeklyIntfcSInfoPortName	(used as index of this table,1-4) 1:LINE PORT1 2:LINE PORT2 3:DMR PORT1 4:DMR PORT2	-----	-----
ppMxpmRmonWeeklyIntfcSInfoStatus	Status 0:Not obtained 1:Valid & Not maintenance 2:Valid & Maintenance 3:Invalid & Not maintenance 4:Invalid & Maintenance	-----	-----
ppMxpmRmonWeeklyIntfcSInfoPortUsage	Port Usage 0:Invalid 1:used 2:not_used	-----	-----

ppMxpmRmonWeeklyIntfcSDDataTable

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonWeeklyIntfcSPasolIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxpmRmonWeeklyIntfcSPortName	(used as index of this table,1-4) 1:LINE PORT1 2:LINE PORT2 3:DMR PORT1 4:DMR PORT2	-----	-----
ppMxpmRmonWeeklyIntfcSRxUnicast	The total number of unicast packets received. This item measures from 64 octets to 1536 octets.	-----	-----
ppMxpmRmonWeeklyIntfcSRxBroadcast	The total number of packets received that were directed to the broadcast address. This item measures from 64 to 1536 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRxMulticast	The total number of packets received that were directed to a multicast address. This item measures from 64 to 1536 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRxPause	The total number of packets received that were paused.	-----	-----
ppMxpmRmonWeeklyIntfcSRxCrcError	The total number of packets received that detected FCS error. This item measures from 64 to 1536 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRxFragments	The total number of packets (Including bad packets) received that were less than 64 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRx64Octets	The total number of packets (Including bad packets) received that were 64 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRx65to127Octets	The total number of packets (Including bad packets) received that were between 65 and 127 octets in length.	-----	-----

Object Name	Item	Trap Name	Trap Number
ppMxpmRmonWeeklyIntfcSRx128to255Octets	The total number of packets (Including bad packets) received that were between 128 and 255 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRx256to511Octets	The total number of packets (Including bad packets) received that were between 256 and 511 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRx512to1023Octets	The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRx1024to1536Octets	The total number of packets (Including bad packets) received that were between 512 and 1023 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRx1537toMaxSizeOctets	The total number of good packets received that were between 1537 and 1916 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSRxJabbers	The total number of packets received (Including bad packets) that were longer than 1537 octets.	-----	-----
ppMxpmRmonWeeklyIntfcSTxUnicast	The total number of unicast packets transmitted. This item measures from 64 to 1916 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSTxBroadcast	The total number of packets transmitted that were directed to the broadcast address. This item measures from 64 to 1916 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSTxMulticast	The total number of packets transmitted that were directed to a multicast address. This item measures from 64 to 1916 octets in length.	-----	-----
ppMxpmRmonWeeklyIntfcSTxPause	The total number of packets transmitted that were paused.	-----	-----
ppMxpmRmonWeeklyIntfcSTxTotalCollision	The total number of collisions when it is transmitting. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed).	-----	-----
ppMxpmRmonWeeklyIntfcSRxAlignmentError	The total number of packets received that detected Alignment error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed).	-----	-----
ppMxpmRmonWeeklyIntfcSRxSymbolError	The total number of packets received that detected Symbol error. This item measures from 64 to 1536 octets in length. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed).	-----	-----
ppMxpmRmonWeeklyIntfcSRxUndersize	The total number of good packets received that were less than 64 octets in length. When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)	-----	-----

2.2.9 ppMxAuxIOInfo group

The object ID's in this group defines auxiliary input and output status information.

ppMxAuxInputItemTable

Object Name	Item	Trap Name	Trap Number
ppMxAuxInputItemPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxAuxInputItemIndex	AUX INPUT INDEX (used as index of this table,1-6) 1:hk-in1 2:hk-in2 3:hk-in3 4:hk-in4 5:hk-in5 6:hk-in6	-----	-----
ppMxAuxInputItemValue	Aux Input Item Value 0:INVALID 1:EVENT OFF (OPEN LOOP) 2:EVENT ON (CLOSE LOOP)	statusTrapPpMxAuxInput	501

ppMxAuxOutputItemTable

Object Name	Item	Trap Name	Trap Number
ppMxAuxOutputItemPasoIndex	PASOLINK NE IP address (used as index of this table)	-----	-----
ppMxAuxOutputItemIndex	AUX OUTPUT INDEX (used as index of this table,1-4) 1:hk-out1 2:hk-out2 3:hk-out3 4:hk-out4	-----	-----
ppMxAuxOutputItemValue	AUX OUTPUT 0:INVALID 1:EVENT OFF (OPEN LOOP) 2:EVENT ON (CLOSE LOOP)	eventTrapPpMxAuxOutput	272

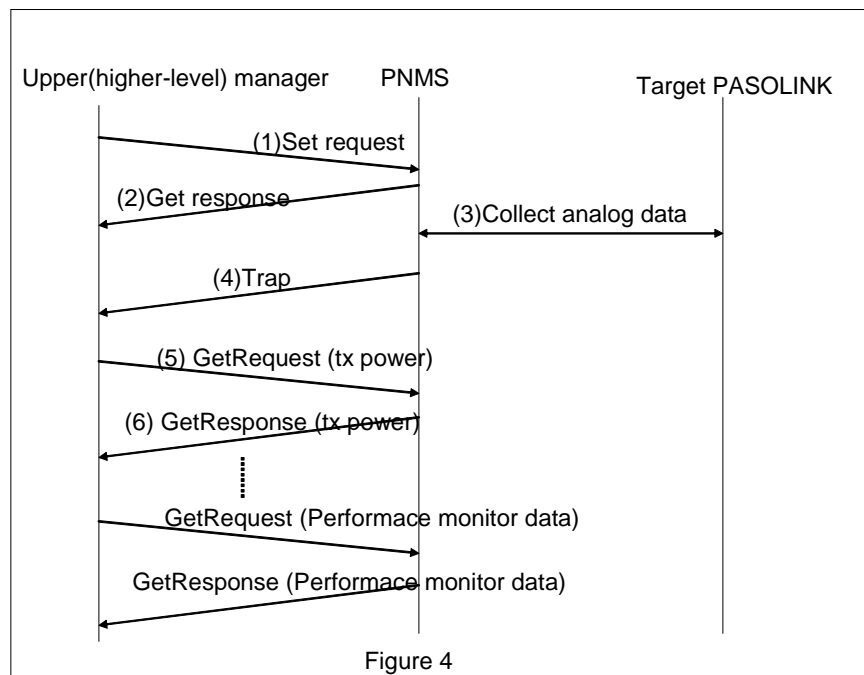
2.2.10 ppMxGetMeasurementData group

The following information in this MIB can be updated by using a Link Summary window on PNMS. In order to acquire the newest values on the equipment, which are not displayed on Link Summary window, it is required to use the following procedure and ppMxGetMeteringInfoDataTable.

<ppMxMeteringInfo group>	
ppMxmdiTxPower	
ppMxmdiRxLevel	
ppMxmdiOduPs	
ppMxmdiBer	
< ppMxPmonInfo group>	
ppMxpmDailyCurrentData	Not Used
ppMxpmWeeklyCurrentData	Not Used
ppMxpmDailyHistoricalAlarm	Not Used
ppMxpmWeeklyHistoricalAlarm	Not Used
ppMxpmDailyStatus	Not Used
ppMxpmWeeklyStatus	Not Used
ppMxpmRmonDailyIntfcMInfoStatus	Not Used
ppMxpmRmonweeklyIntfcMInfoStatus	Not Used
ppMxpmRmonDailyIntfcSInfoStatus	Not Used
ppMxpmRmonWeeklyIntfcSInfoStatus	Not Used
ppMxpmRmonDailyIntfcMRxUnicast	Not Used
ppMxpmRmonDailyIntfcMRxBroadcast	Not Used
ppMxpmRmonDailyIntfcMRxMulticast	Not Used
ppMxpmRmonDailyIntfcMRxPause	Not Used
ppMxpmRmonDailyIntfcMRxCrcError	Not Used
ppMxpmRmonDailyIntfcMRxFragments	Not Used
ppMxpmRmonDailyIntfcMRx64Octets	Not Used
ppMxpmRmonDailyIntfcMRx65to127Octets	Not Used
ppMxpmRmonDailyIntfcMRx128to255Octets	Not Used
ppMxpmRmonDailyIntfcMRx256to511Octets	Not Used
ppMxpmRmonDailyIntfcMRx512to1023Octets	Not Used
ppMxpmRmonDailyIntfcMRx1024to1536Octets	Not Used
ppMxpmRmonDailyIntfcMRx1537toMaxSizeOctets	Not Used
ppMxpmRmonDailyIntfcMRxJabbers	Not Used
ppMxpmRmonDailyIntfcMTxUnicast	Not Used
ppMxpmRmonDailyIntfcMTxBroadcast	Not Used
ppMxpmRmonDailyIntfcMTxMulticast	Not Used
ppMxpmRmonDailyIntfcMTxPause	Not Used
ppMxpmRmonDailyIntfcMTxTotalCollision	Not Used
ppMxpmRmonDailyIntfcMRxAlignmentError	Not Used
ppMxpmRmonDailyIntfcMRxSymbolError	Not Used
ppMxpmRmonDailyIntfcMRxUndersize	Not Used
ppMxpmRmonWeeklyIntfcMRxUnicast	Not Used
ppMxpmRmonWeeklyIntfcMRxBroadcast	Not Used
ppMxpmRmonWeeklyIntfcMRxMulticast	Not Used
ppMxpmRmonWeeklyIntfcMRxPause	Not Used
ppMxpmRmonWeeklyIntfcMRxCrcError	Not Used
ppMxpmRmonWeeklyIntfcMRxFragments	Not Used
ppMxpmRmonWeeklyIntfcMRx64Octets	Not Used
ppMxpmRmonWeeklyIntfcMRx65to127Octets	Not Used
ppMxpmRmonWeeklyIntfcMRx128to255Octets	Not Used
ppMxpmRmonWeeklyIntfcMRx256to511Octets	Not Used
ppMxpmRmonWeeklyIntfcMRx512to1023Octets	Not Used
ppMxpmRmonWeeklyIntfcMRx1024to1536Octets	Not Used
ppMxpmRmonWeeklyIntfcMRx1537toMaxSizeOctets	Not Used

ppMxpmRmonWeeklyIntfcMRxJabbers	Not Used
ppMxpmRmonWeeklyIntfcMTxUnicast	Not Used
ppMxpmRmonWeeklyIntfcMTxBroadcast	Not Used
ppMxpmRmonWeeklyIntfcMTxMulticast	Not Used
ppMxpmRmonWeeklyIntfcMTxPause	Not Used
ppMxpmRmonWeeklyIntfcMTxTotalCollision	Not Used
ppMxpmRmonWeeklyIntfcMRxAlignmentError	Not Used
ppMxpmRmonWeeklyIntfcMRxSymbolError	Not Used
ppMxpmRmonWeeklyIntfcMRxUndersize	Not Used
ppMxpmRmonDailyIntfcSRxUnicast	Not Used
ppMxpmRmonDailyIntfcSRxBroadcast	Not Used
ppMxpmRmonDailyIntfcSRxMulticast	Not Used
ppMxpmRmonDailyIntfcSRxPause	Not Used
ppMxpmRmonDailyIntfcSRxCrcError	Not Used
ppMxpmRmonDailyIntfcSRxFragments	Not Used
ppMxpmRmonDailyIntfcSRx64Octets	Not Used
ppMxpmRmonDailyIntfcSRx65to127Octets	Not Used
ppMxpmRmonDailyIntfcSRx128to255Octets	Not Used
ppMxpmRmonDailyIntfcSRx256to511Octets	Not Used
ppMxpmRmonDailyIntfcSRx512to1023Octets	Not Used
ppMxpmRmonDailyIntfcSRx1024to1536Octets	Not Used
ppMxpmRmonDailyIntfcSRx1537toMaxSizeOctets	Not Used
ppMxpmRmonDailyIntfcSRxJabbers	Not Used
ppMxpmRmonDailyIntfcSTxUnicast	Not Used
ppMxpmRmonDailyIntfcSTxBroadcast	Not Used
ppMxpmRmonDailyIntfcSTxMulticast	Not Used
ppMxpmRmonDailyIntfcSTxPause	Not Used
ppMxpmRmonDailyIntfcSTxTotalCollision	Not Used
ppMxpmRmonDailyIntfcSRxAlignmentError	Not Used
ppMxpmRmonDailyIntfcSRxSymbolError	Not Used
ppMxpmRmonDailyIntfcSRxUndersize	Not Used
ppMxpmRmonWeeklyIntfcSRxUnicast	Not Used
ppMxpmRmonWeeklyIntfcSRxBroadcast	Not Used
ppMxpmRmonWeeklyIntfcSRxMulticast	Not Used
ppMxpmRmonWeeklyIntfcSRxPause	Not Used
ppMxpmRmonWeeklyIntfcSRxCrcError	Not Used
ppMxpmRmonWeeklyIntfcSRxFragments	Not Used
ppMxpmRmonWeeklyIntfcSRx64Octets	Not Used
ppMxpmRmonWeeklyIntfcSRx65to127Octets	Not Used
ppMxpmRmonWeeklyIntfcSRx128to255Octets	Not Used
ppMxpmRmonWeeklyIntfcSRx256to511Octets	Not Used
ppMxpmRmonWeeklyIntfcSRx512to1023Octets	Not Used
ppMxpmRmonWeeklyIntfcSRx1024to1536Octets	Not Used
ppMxpmRmonWeeklyIntfcSRx1537toMaxSizeOctets	Not Used
ppMxpmRmonWeeklyIntfcSRxJabbers	Not Used
ppMxpmRmonWeeklyIntfcSTxUnicast	Not Used
ppMxpmRmonWeeklyIntfcSTxBroadcast	Not Used
ppMxpmRmonWeeklyIntfcSTxMulticast	Not Used
ppMxpmRmonWeeklyIntfcSTxPause	Not Used
ppMxpmRmonWeeklyIntfcSTxTotalCollision	Not Used
ppMxpmRmonWeeklyIntfcSRxAlignmentError	Not Used
ppMxpmRmonWeeklyIntfcSRxSymbolError	Not Used
ppMxpmRmonWeeklyIntfcSRxUndersize	Not Used

Figure 4 describes the sequence of exchange in order to obtain monitoring numerical value of each PASOLINK by the upper(higher-level) manager.



<Procedure>

1. IP address of the equipment and the unique request ID, which is set on a higher-level manager according to higher-level manager' rule, are set to ppMxgmiTargetPasolink and ppMxgmiRequestID, respectively.
2. PNMS collects the above-mentioned information on the specified equipment.
3. PNMS notifies a higher-level manager of systemTrapPpMxGetResult Trap (Trap Number=601) after completing collection.
4. A higher-level manager collects the above-mentioned information from PNMS after receiving trap.

By this method, a higher-level manager can collect the above-mentioned information on selected equipment from PNMS.

(Note: When the operator uses this MIB, it is required to use the index of the higher-level manager's IP address.)

ppMxGetMeteringInfoDataTable

Object Name	Item	Trap Name	Trap Number
PpMxgmiManagerIndex	Higher-level manager IP Address (from index of this table)	-----	-----
PpMxgmiRequestID	Request ID	-----	-----
PpMxgmiTargetPasolink	PASOLINK NE IP address	-----	-----
PpMxgmiDataStatus	Data Status 0; invalid 1; ready 2; wait 3; fail	systemTrapPpMxGetResult	601

Appendix 1

PASOLINK Mx MIB Definition

```

-----
-- Release Date : 2007/07/30
-- Version      : Ver.1.19
-----

```

```

MIB-PNMSJ-PASOLINKPLUS-MX DEFINITIONS ::= BEGIN

```

```

-----
-- IMPORTS Definitions
-----

```

```

IMPORTS
    IpAddress, Counter, TimeTicks, enterprises
        FROM RFC1155-SMI
    OBJECT-TYPE
        FROM RFC-1212
    DisplayString
        FROM RFC1213-MIB
    pnms
        FROM NEC-SMI;

```

```

-----
-- Begin User MIB Object Definitions
-----

```

```

SeverityValue ::= TEXTUAL-CONVENTION
    STATUS      current
    DESCRIPTION  "Severity (CCITT Rec. X.733)
                  invalid(0),
                  clear(1),
                  minor(2),
                  major(3),
                  critical(4)"
    SYNTAX      INTEGER (0..4)

AlarmTypeValue ::= TEXTUAL-CONVENTION
    STATUS      current
    DESCRIPTION  "Alarm Type (CCITT Rec. X.733)
                  invalid(0),
                  communicationAlarm(1),
                  qualityOfServiceAlarm(2),
                  processingErrorAlarm(3),
                  equipmentAlarm(4),
                  environmentalAlarm(5),
                  integrityViolationAlarm(6),
                  operationalViolationAlarm(7),
                  physicalViolationAlarm(8),
                  securityViolationAlarm(9),
                  timeDomainViolationAlarm(10)"
    SYNTAX      INTEGER (0..10)

ProbableCauseValue ::= TEXTUAL-CONVENTION
    STATUS      current
    DESCRIPTION  "Probable Cause (CCITT Rec. X.733)
                  invalid(0),
                  aIS(1),
                  callSetUpFailure(2),
                  degradedSignal(3),
                  farEndReceiverFailure(4),
                  framingError(5),
                  lossOfFrame(6),

```

lossOfPointer(7),
 lossOfSignal(8),
 payloadTypeMismatch(9),
 transmissionError(10),
 remoteAlarmInterface(11),
 excessiveBER(12),
 pathTraceMismatch(13),
 backplaneFailure(51),
 dataSetProblem(52),
 equipmentIdentifierDuplication(53),
 externalIFDeviceProblem(54),
 lineCardProblem(55),
 multiplexerProblem(56),
 nEIdentifierDuplication(57),
 powerProblem(58),
 processorProblem(59),
 protectionPathFailure(60),
 receiverFailure(61),
 replaceableUnitMissing(62),
 replaceableUnitTypeMismatch(63),
 synchronizationSourceMismatch(64),
 terminalProblem(65),
 timingProblem(66),
 transmitterFailure(67),
 trunkCardProblem(68),
 replaceableUnitProblem(69),
 airCompressorFailure(101),
 airConditioningFailure(102),
 airDryerFailure(103),
 batteryDischarging(104),
 batteryFailure(105),
 commercialPowerFailure(106),
 coolingFanFailure(107),
 engineFailure(108),
 fireDetectorFailure(109),
 fuseFailure(110),
 generatorFailure(111),
 lowBatteryThreshold(112),
 pumpFailure(113),
 rectifierFailure(114),
 rectifierHighVoltage(115),
 rectifierLowFVoltage(116),
 ventilationsSystemFailure(117),
 enclosureDoorOpen(118),
 explosiveGas(119),
 fire(120),
 flood(121),
 highHumidity(122),
 highTemperature(123),
 highWind(124),
 iceBuildUp(125),
 intrusionDetection(126),
 lowFuel(127),
 lowHumidity(128),
 lowCablePressure(129),
 lowTemperature(130),
 lowWater(131),
 smoke(132),
 toxicGas(133),
 storageCapacityProblem(151),
 memoryMismatch(152),
 corruptData(153),
 outOfCPUCycles(154),

sfwrEnvironmentProblem(155),
 sfwrDownloadFailure(156),
 communicationsProtocolError(157),
 congestion(158),
 heatingOrVentilationOrCoolingSystemProblem(159),
 IANError(160),
 performanceDegraded(161),
 temperatureUnacceptable(162),
 thresholdCrossed(163),
 underlyingResourceUnavailable(164),
 equipmentMalfunction(165),
 configurationOrCustomizationError(166),
 duplicateInformation(501),
 informationMissing(502),
 informationModificationDetected(503),
 informationOutOfSequence(504),
 unexpectedInformation(505),
 denialOfService(506),
 outOfService(507),
 proceduralError(508),
 cableTamper(509),
 securityIntrusionDetection(510),
 authenticationFailure(511),
 breachOfConfidentiality(512),
 unauthorisedAccessAttempt(513),
 delayedInformation(514),
 keyExpired(515),
 outOfHoursActivity(516),
 otherReasons(517),
 bossHardwareFailure(518),
 bossSystemSoftwareFailure(519),
 bossApplicationSoftwareFailure(520),
 bossDatabaseFailure(521),
 bossNetworkFailure(522)"

SYNTAX INTEGER (0..522)

OffOn01Value ::= TEXTUAL-CONVENTION

STATUS current
 DESCRIPTION "Alarm Off/On Type
 invalid(0),
 off(1),
 on(2)"

SYNTAX INTEGER (0..2)

NormalAlarm01Value ::= TEXTUAL-CONVENTION

STATUS current
 DESCRIPTION "Normal/Alarm Type
 invalid(0),
 normal(1),
 alarm(2)"

SYNTAX INTEGER (0..2)

NormalRcvd01Value ::= TEXTUAL-CONVENTION

STATUS current
 DESCRIPTION "Normal/Rcvd Type
 invalid(0),
 normal(1),
 received(2)"

SYNTAX INTEGER (0..2)

NormalGen01Value ::= TEXTUAL-CONVENTION

STATUS current
 DESCRIPTION "Normal/Generated Type

```

                                invalid(0),
                                normal(1),
                                generated(2)"
SYNTAX          INTEGER (0..2)

DeactiveActive01Value ::= TEXTUAL-CONVENTION
STATUS          current
DESCRIPTION     "EVENT OFF/EVENT ON Type
                                invalid(0),
                                EVENT OFF-OPEN LOOP(1),
                                EVENT ON-CLOSE LOOP(2)"
SYNTAX          INTEGER (0..2)

SwitchCtrlValue  ::= TEXTUAL-CONVENTION
STATUS          current
DESCRIPTION     "SwitchCtrl Type
                                invalid(0),
                                auto(1),
                                no_1(2),
                                no_2(3)"
SYNTAX          INTEGER (0..3)

SwitchModeValue  ::= TEXTUAL-CONVENTION
STATUS          current
DESCRIPTION     "SwitchModeType
                                invalid(0),
                                auto(1),
                                manual(2)"
SYNTAX          INTEGER (0..2)

SwitchStatusValue ::= TEXTUAL-CONVENTION
STATUS          current
DESCRIPTION     "SwitchStatus Type
                                invalid(0),
                                no_1(1),
                                no_2(2)"
SYNTAX          INTEGER (0..2)

```

```

-----
-- enterprises Group Definitions
-----

```

```

pasolinkPlusMx OBJECT IDENTIFIER
    ::= { pnms 111 }

pasolinkPlusMxSystem OBJECT IDENTIFIER
    ::= { pasolinkPlusMx 1 }

pasolinkPlusMxInformation OBJECT IDENTIFIER
    ::= { pasolinkPlusMx 2 }

```

```

-----
-- system2 Group Definitions
-----

```

```

ppMxSystem OBJECT IDENTIFIER
    ::= { pasolinkPlusMxSystem 1 }

ppMxConfiguration OBJECT IDENTIFIER
    ::= { pasolinkPlusMxSystem 2 }

```

```
ppMxSys2Trap OBJECT IDENTIFIER
    ::= { pasolinkPlusMxSystem 3 }
```

```
-- pasolinkPlusMx Group Definitions
```

```
ppMxSummaryInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 1 }

ppMxTrapInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 2 }

ppMxAlarmStatusInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 3 }

ppMxEquipmentConfigInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 4 }

ppMxProvisioningInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 5 }

ppMxInventoryInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 6 }

ppMxMeteringInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 7 }

ppMxPmonInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 8 }

ppMxAuxIOInfo OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 9 }

ppMxGetMeasurementData OBJECT IDENTIFIER
    ::= { pasolinkPlusMxInformation 10 }
```

```
-- ppSystem Group Definitions
```

```
ppMxSysSystemInfo OBJECT IDENTIFIER
    ::= { ppMxSystem 1 }

ppMxSystemEquipmentConfigTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxSystemEquipmentConfigEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Equipment Config"
    ::= { ppMxSysSystemInfo 1 }

ppMxSystemEquipmentConfigEntry OBJECT-TYPE
    SYNTAX      PpMxSystemEquipmentConfigEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Equipment Config Entry"
    INDEX      {
                ppMxSysPasoIndex
            }
    ::= { ppMxSystemEquipmentConfigTable 1 }
```

```
PpMxSystemEquipmentConfigEntry ::= SEQUENCE {
    ppMxSysPasoIndex      IpAddress,
    ppMxSysEquipmentConfig INTEGER
}
```

```
ppMxSysPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address index"
    ::= { ppMxSystemEquipmentConfigEntry 1 }
```

```
ppMxSysEquipmentConfig OBJECT-TYPE
    SYNTAX      INTEGER (0..8)
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Equipment Config
                  0:INVALID
                  1:1+0
                  2:1+1
                  3:1+1 HS
                  4:1+1 TP
                  5:1+0(expandable)
                  7:1+0(4*2M)
                  8:1+0(20*2M)"
    ::= { ppMxSystemEquipmentConfigEntry 2 }
```

```
-----
-- ppConfiguration Group Definitions
-----
```

```
-----
-- Mx AUX Config Input Table
-----
```

```
ppMxCfgAux OBJECT IDENTIFIER
    ::= { ppMxConfiguration 1 }
```

```
ppMxCfgAuxInTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxCfgAuxInEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Optical coupler setting table"
    ::= { ppMxCfgAux 1 }
```

```
ppMxCfgAuxInEntry OBJECT-TYPE
    SYNTAX      PpMxCfgAuxInEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Optical coupler setting table entry"
    INDEX      {
                                ppMxCfgAuxInPasoIndex,
                                ppMxCfgAuxInIndex
                            }
    ::= { ppMxCfgAuxInTable 1 }
```

```
PpMxCfgAuxInEntry ::= SEQUENCE {
                                ppMxCfgAuxInPasoIndex      IpAddress,
                                ppMxCfgAuxInIndex           INTEGER,
                                ppMxCfgAuxInItemName        DisplayString,
                                ppMxCfgAuxInItemType        INTEGER,
                                ppMxCfgAuxInOpenState       DisplayString,
```



```

        ppMxCfgAuxInCloseState    DisplayString,
        ppMxCfgAuxInSeverity      SeverityValue,
        ppMxCfgAuxInAlarmType     AlarmTypeValue,
        ppMxCfgAuxInProbableCause ProbableCauseValue
    }

```

ppMxCfgAuxInPasolIndex OBJECT-TYPE

```

    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address index"
    ::= { ppMxCfgAuxInEntry 1 }

```

ppMxCfgAuxInIndex OBJECT-TYPE

```

    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Aux Input Index
                  No.1-6"
    ::= { ppMxCfgAuxInEntry 2 }

```

ppMxCfgAuxInItemName OBJECT-TYPE

```

    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Aux Input Item Name
                  TRAP=configTrapPpSys2AuxInItemName"
    ::= { ppMxCfgAuxInEntry 3 }

```

ppMxCfgAuxInItemType OBJECT-TYPE

```

    SYNTAX      INTEGER (0..3)
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Aux Input Item Type
                  INVALID(0),
                  ALARM WHEN EVENT OFF-OPEN LOOP(1),
                  ALARM WHEN EVENT ON-CLOSE LOOP(2),
                  STATUS(3)
                  TRAP=configTrapPpSys2AuxInItemType"
    ::= { ppMxCfgAuxInEntry 4 }

```

ppMxCfgAuxInOpenState OBJECT-TYPE

```

    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Aux Input OpenState
                  TRAP=configTrapPpSys2AuxInOpenState"
    ::= { ppMxCfgAuxInEntry 5 }

```

ppMxCfgAuxInCloseState OBJECT-TYPE

```

    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Aux Input CloseState
                  TRAP=configTrapPpSys2AuxInCloseState"
    ::= { ppMxCfgAuxInEntry 6 }

```

ppMxCfgAuxInSeverity OBJECT-TYPE

```

    SYNTAX      SeverityValue
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Aux Input Severity Type
                  INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)

```

```

TRAP=configTrapPpSys2AuxInSeverity"
::= { ppMxCfgAuxInEntry 7 }

```

```

ppMxCfgAuxInAlarmType OBJECT-TYPE
    SYNTAX      AlarmTypeValue
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Aux Input AlarmType
                Refer to AlarmTypeValue of TEXTUAL-CONVENTION
                TRAP=configTrapPpSys2AuxInAlarmType"
    ::= { ppMxCfgAuxInEntry 8 }

```

```

ppMxCfgAuxInProbableCause OBJECT-TYPE
    SYNTAX      ProbableCauseValue
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Aux Input ProbableCause
                Refer to ProbableCauseValue of TEXTUAL-CONVENTION
                TRAP=configTrapPpSys2AuxInProbableCause"
    ::= { ppMxCfgAuxInEntry 9 }

```

```

-----
-- Mx AUX Config Output Table
-----

```

```

ppMxCfgAuxOutTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxCfgAuxOutEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Out setting table"
    ::= { ppMxCfgAux 2 }

```

```

ppMxCfgAuxOutEntry OBJECT-TYPE
    SYNTAX      PpMxCfgAuxOutEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Out setting table entry"
    INDEX       {
                                ppMxCfgAuxOutPasoIndex,
                                ppMxCfgAuxOutIndex
                        }
    ::= { ppMxCfgAuxOutTable 1 }

```

```

PpMxCfgAuxOutEntry ::= SEQUENCE {
                                ppMxCfgAuxOutPasoIndex IpAddress,
                                ppMxCfgAuxOutIndex    INTEGER,
                                ppMxCfgAuxOutItemName   DisplayString,
                                ppMxCfgAuxOutOpenState  DisplayString,
                                ppMxCfgAuxOutCloseState DisplayString
                        }

```

```

ppMxCfgAuxOutPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address index"
    ::= { ppMxCfgAuxOutEntry 1 }

```

```

ppMxCfgAuxOutIndex OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory

```

```

DESCRIPTION      "Aux Output index
                  No.1-4"
::= { ppMxCfgAuxOutEntry 2 }

```

```

ppMxCfgAuxOutItemName OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Aux Output Item name
                     TRAP=configTrapPpSys2AuxOutItemName"
    ::= { ppMxCfgAuxOutEntry 3 }

```

```

ppMxCfgAuxOutOpenState OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Aux Output OpenState
                     TRAP=configTrapPpSys2AuxOutOpenState"
    ::= { ppMxCfgAuxOutEntry 4 }

```

```

ppMxCfgAuxOutCloseState OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Aux Output CloseState
                     TRAP=configTrapPpSys2AuxOutCloseState"
    ::= { ppMxCfgAuxOutEntry 5 }

```

```

-----
-- ppSys2Trap Group Definitions
-----

```

```

ppSys2TrapCommon OBJECT IDENTIFIER
    ::= { ppMxSys2Trap 1 }

```

```

ppSys2TrapGenericVars OBJECT IDENTIFIER
    ::= { ppSys2TrapCommon 1 }

```

```

sys2TrapSequenceNumber OBJECT-TYPE
    SYNTAX          Counter
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Trap Sequence Number(0..4294967295)"
    ::= { ppSys2TrapGenericVars 1 }

```

```

sys2TrapDate OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "TrapDate (YYYY/MM/DD)"
    ::= { ppSys2TrapGenericVars 2 }

```

```

sys2TrapTime OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "TrapTime (HH:MM:SS)"
    ::= { ppSys2TrapGenericVars 3 }

```

```

sys2TrapSource OBJECT-TYPE
    SYNTAX          OBJECT IDENTIFIER
    ACCESS           read-only

```

```

STATUS          mandatory
DESCRIPTION     "TrapSource"
::= { ppSys2TrapGenericVars 4 }

ppSys2TrapItemVar OBJECT IDENTIFIER
::= { ppMxSys2Trap 2 }

ppSys2ConfigTrapItemVar OBJECT IDENTIFIER
::= { ppSys2TrapItemVar 1 }

configItemPpSys2AuxInItemName OBJECT-TYPE
SYNTAX          DisplayString
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input Item Name"
::= { ppSys2ConfigTrapItemVar 1 }

configItemPpSys2AuxInItemType OBJECT-TYPE
SYNTAX          INTEGER(0..3)
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input Type
                INVALID(0),
                ALARM WHEN EVENT OFF-OPEN LOOP(1),
                ALARM WHEN EVENT ON-CLOSE LOOP(2),
                STATUS(3)"
::= { ppSys2ConfigTrapItemVar 2 }

configItemPpSys2AuxInOpenState OBJECT-TYPE
SYNTAX          DisplayString
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input OpenState"
::= { ppSys2ConfigTrapItemVar 3 }

configItemPpSys2AuxInCloseState OBJECT-TYPE
SYNTAX          DisplayString
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input CloseState"
::= { ppSys2ConfigTrapItemVar 4 }

configItemPpSys2AuxInSeverity OBJECT-TYPE
SYNTAX          SeverityValue
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input Severity
                INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
::= { ppSys2ConfigTrapItemVar 5 }

configItemPpSys2AuxInAlarmType OBJECT-TYPE
SYNTAX          AlarmTypeValue
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input AlarmType
                Refer to AlarmTypeValue of TEXTUAL-CONVENTION"
::= { ppSys2ConfigTrapItemVar 6 }

configItemPpSys2AuxInProbableCause OBJECT-TYPE
SYNTAX          ProbableCauseValue
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Aux Input ProbableCause

```

Refer to ProbableCauseValue of TEXTUAL-CONVENTION"
 ::= { ppSys2ConfigTrapItemVar 7 }

configItemPpSys2AuxOutItemName OBJECT-TYPE
 SYNTAX DisplayString
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Aux Out Item Name"
 ::= { ppSys2ConfigTrapItemVar 8 }

configItemPpSys2AuxOutOpenState OBJECT-TYPE
 SYNTAX DisplayString
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Aux Output OpenState"
 ::= { ppSys2ConfigTrapItemVar 9 }

configItemPpSys2AuxOutCloseState OBJECT-TYPE
 SYNTAX DisplayString
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Aux Outout CloseState"
 ::= { ppSys2ConfigTrapItemVar 10 }

 -- Mx Config Trap definitions

configTrapPpSys2AuxInItemName TRAP-TYPE
 ENTERPRISE pasolinkPlusMx
 VARIABLES {
 sys2TrapSequenceNumber,
 sys2TrapDate,
 sys2TrapTime,
 sys2TrapSource,
 configItemPpSys2AuxInItemName
 }
 ::= 404

configTrapPpSys2AuxInItemType TRAP-TYPE
 ENTERPRISE pasolinkPlusMx
 VARIABLES {
 sys2TrapSequenceNumber,
 sys2TrapDate,
 sys2TrapTime,
 sys2TrapSource,
 configItemPpSys2AuxInItemType
 }
 ::= 405

configTrapPpSys2AuxInOpenState TRAP-TYPE
 ENTERPRISE pasolinkPlusMx
 VARIABLES {
 sys2TrapSequenceNumber,
 sys2TrapDate,
 sys2TrapTime,
 sys2TrapSource,
 configItemPpSys2AuxInOpenState
 }
 ::= 406

configTrapPpSys2AuxInCloseState TRAP-TYPE

```

ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                sys2TrapSequenceNumber,
                sys2TrapDate,
                sys2TrapTime,
                sys2TrapSource,
                configItemPpSys2AuxInCloseState
                }

::= 407
configTrapPpSys2AuxInSeverity      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                sys2TrapSequenceNumber,
                sys2TrapDate,
                sys2TrapTime,
                sys2TrapSource,
                configItemPpSys2AuxInSeverity
                }

::= 408

configTrapPpSys2AuxInAlarmType      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                sys2TrapSequenceNumber,
                sys2TrapDate,
                sys2TrapTime,
                sys2TrapSource,
                configItemPpSys2AuxInAlarmType
                }

::= 409

configTrapPpSys2AuxInProbableCause      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                sys2TrapSequenceNumber,
                sys2TrapDate,
                sys2TrapTime,
                sys2TrapSource,
                configItemPpSys2AuxInProbableCause
                }

::= 410

configTrapPpSys2AuxOutItemName      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                sys2TrapSequenceNumber,
                sys2TrapDate,
                sys2TrapTime,
                sys2TrapSource,
                configItemPpSys2AuxOutItemName
                }

::= 411

configTrapPpSys2AuxOutOpenState      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                sys2TrapSequenceNumber,
                sys2TrapDate,
                sys2TrapTime,
                sys2TrapSource,
                configItemPpSys2AuxOutOpenState
                }

::= 412

```

```

configTrapPpSys2AuxOutCloseState    TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES    {
        sys2TrapSequenceNumber,
        sys2TrapDate,
        sys2TrapTime,
        sys2TrapSource,
        configItemPpSys2AuxOutCloseState
    }

::= 413

```

```

-----
-- ppMxSummaryInfo Group Definitions
-----

```

```

-----
-- Mx Summary Status Table
-----

```

```

ppMxSummaryItem OBJECT IDENTIFIER
    ::= { ppMxSummaryInfo 1 }

```

```

ppMxSummaryItemTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxSummaryItemEntry
    ACCESS          not-accessible
    STATUS          optional
    DESCRIPTION     "Summary Item Table"
    ::= { ppMxSummaryItem 1 }

```

```

ppMxSummaryItemEntry OBJECT-TYPE
    SYNTAX          PpMxSummaryItemEntry
    ACCESS          not-accessible
    STATUS          optional
    DESCRIPTION     "Summary Item Table Entry"
    INDEX          {
        ppMxSummaryItemPasoIndex
    }
    ::= { ppMxSummaryItemTable 1 }

```

```

PpMxSummaryItemEntry ::= SEQUENCE {
    ppMxSummaryItemPasoIndex    IpAddress,
    ppMxPmcSummary              SeverityValue,
    ppMxAuxSummary              SeverityValue,
    ppMxLpmSummary              SeverityValue
}

```

```

ppMxSummaryItemPasoIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Pasolink IP Address Index"
    ::= { ppMxSummaryItemEntry 1 }

```

```

ppMxPmcSummary OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PMC Summary
        INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)
        TRAP=ppMxPartialSummaryTrapPmc"
    ::= { ppMxSummaryItemEntry 2 }

```

ppMxAuxSummary OBJECT-TYPE

SYNTAX	SeverityValue
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"AUX. Summary INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4) TRAP=ppMxPartialSummaryTrapAux"

::= { ppMxSummaryItemEntry 3 }

ppMxLpmSummary OBJECT-TYPE

SYNTAX	SeverityValue
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"LPM Summary INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4) TRAP=ppMxPartialSummaryTrapLpm"

::= { ppMxSummaryItemEntry 4 }

ppMxSummaryTable OBJECT-TYPE

SYNTAX	SEQUENCE OF PpMxSummaryEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"Mx Summary Table"

::= { ppMxSummaryInfo 2 }

ppMxSummaryEntry OBJECT-TYPE

SYNTAX	PpMxSummaryEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"Mx Summary Table Entry"
INDEX	{ ppMxSummaryPasolIndex, ppMxSummaryIndex }

::= { ppMxSummaryTable 1 }

PpMxSummaryEntry ::= SEQUENCE {

ppMxSummaryPasolIndex	IpAddress,
ppMxSummaryIndex	INTEGER,
ppMxOduSummary	SeverityValue,
ppMxIduSummary	SeverityValue

}

ppMxSummaryPasolIndex OBJECT-TYPE

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Pasolink IP Address Index"

::= { ppMxSummaryEntry 1 }

ppMxSummaryIndex OBJECT-TYPE

SYNTAX	INTEGER
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Mx Summary Index No.1(1), No.2(2)"

::= { ppMxSummaryEntry 2 }

ppMxOduSummary OBJECT-TYPE

SYNTAX	SeverityValue
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ODU Summary"


```

INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)
TRAP=ppMxPartialSummaryTrapOdu"
::= { ppMxSummaryEntry 3 }

```

```

ppMxIduSummary OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION     "IDU Summary
                    INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)
                    TRAP=ppMxPartialSummaryTrapIdu"
    ::= { ppMxSummaryEntry 4 }

```

```

-----
-- ppMxTrapInfo Group Definitions
-----

```

```

-----
-- ppMxTrap Common Group Definitions
-----

```

```

ppMxTrapCommon OBJECT IDENTIFIER
    ::= { ppMxTrapInfo 1 }

```

```

ppMxTrapGenericVars OBJECT IDENTIFIER
    ::= { ppMxTrapCommon 1 }

```

```

trapSequenceNumber OBJECT-TYPE
    SYNTAX          Counter
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION     "Trap Sequence Number(0..4294967295)"
    ::= { ppMxTrapGenericVars 1 }

```

```

trapDate OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION     "Trap Date (YYYY/MM/DD)"
    ::= { ppMxTrapGenericVars 2 }

```

```

trapTime OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION     "Trap Time (HH:MM:SS)"
    ::= { ppMxTrapGenericVars 3 }

```

```

trapSource OBJECT-TYPE
    SYNTAX          OBJECT IDENTIFIER
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION     "Trap Source"
    ::= { ppMxTrapGenericVars 4 }

```

```

ppMxTrapX733Vars OBJECT IDENTIFIER
    ::= { ppMxTrapCommon 2 }

```

```

severity OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS           read-only
    STATUS           mandatory

```

DESCRIPTION "Severity (CCITT Rec. X.733)
INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
::= { ppMxTrapX733Vars 1 }

alarmType OBJECT-TYPE

SYNTAX AlarmTypeValue
ACCESS read-only
STATUS mandatory
DESCRIPTION "Alarm Type (CCITT Rec. X.733)
Refer to AlarmTypeValue of TEXTUAL-CONVENTION"
::= { ppMxTrapX733Vars 2 }

probableCause OBJECT-TYPE

SYNTAX ProbableCauseValue
ACCESS read-only
STATUS mandatory
DESCRIPTION "Probable Cause (CCITT Rec. X.733)
Refer to ProbableCauseValue of TEXTUAL-CONVENTION"
::= { ppMxTrapX733Vars 3 }

ppMxTrapItem Type OBJECT IDENTIFIER

::= { ppMxTrapInfo 2 }

ppMxStatusTrapItem Type OBJECT IDENTIFIER

::= { ppMxTrapItem Type 1 }

statusTypeAux OBJECT-TYPE

SYNTAX INTEGER (0..3)
ACCESS read-only
STATUS mandatory
DESCRIPTION "Status type of AUX.
INVALID(0),
ALARM WHEN EVENT OFF-OPEN LOOP(1),
ALARM WHEN EVENT ON-CLOSE LOOP(2),
STATUS(3)"
::= { ppMxStatusTrapItem Type 1 }

statusTypeAis OBJECT-TYPE

SYNTAX INTEGER (0..2)
ACCESS read-only
STATUS mandatory
DESCRIPTION "Status type of AIS.
0: Invalid
1: AlarmType
2: StatusType
"
::= { ppMxStatusTrapItem Type 2 }

-- Mx Partial Summary Trap Item Var Group Definitions

ppMxTrapItemVar OBJECT IDENTIFIER

::= { ppMxTrapInfo 3 }

ppMxPartialSummaryTrapItemVar OBJECT IDENTIFIER

::= { ppMxTrapItemVar 1 }

ppMxPartialSummaryItemOdu OBJECT-TYPE

SYNTAX SeverityValue
ACCESS read-only
STATUS mandatory

```

DESCRIPTION      "Mx Odu Summary
                  INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
::= { ppMxPartialSummaryTrapItemVar 1 }

```

```

ppMxPartialSummaryItemIdu OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Mx Idu Summary
                    INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
    ::= { ppMxPartialSummaryTrapItemVar 2 }

```

```

ppMxPartialSummaryItemPmc OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Mx Pmc Summary
                    INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
    ::= { ppMxPartialSummaryTrapItemVar 3 }

```

```

ppMxPartialSummaryItemAux OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Mx Aux Summary
                    INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
    ::= { ppMxPartialSummaryTrapItemVar 4 }

```

```

ppMxPartialSummaryItemLpm OBJECT-TYPE
    SYNTAX          SeverityValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Mx Lpm Summary
                    INVALID(0), CLEAR(1), MINOR(2), MAJOR(3), CRITICAL(4)"
    ::= { ppMxPartialSummaryTrapItemVar 5 }

```

```

-----
-- Mx Alarm Trap Item Var Group Definitions
-----

```

```

ppMxAlarmTrapItemVar OBJECT IDENTIFIER
    ::= { ppMxTrapItemVar 2 }

```

```

alarmItemPpMxOduTxInput OBJECT-TYPE
    SYNTAX          NormalAlarm01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "alarmItemPpMxOduTxInput
                    INVALID(0),NORMAL(1),ALARM(2)
                    FLAG=SUMMARY_ODU
                    severity=major
                    alarmType=equipmentAlarm
                    probableCause=transmitterFailure"
    ::= { ppMxAlarmTrapItemVar 1 }

```

```

alarmItemPpMxOduTxPower OBJECT-TYPE
    SYNTAX          NormalAlarm01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "alarmItemPpMxOduTxPower
                    INVALID(0),NORMAL(1),ALARM(2)
                    FLAG=SUMMARY_ODU

```

```

severity=major
alarmType=equipmentAlarm
probableCause=transmitterFailure"
::= { ppMxAlarmTrapItemVar 2 }

alarmItemPpMxOduRxLevel OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxOduRxLevel
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_ODU
                  severity=major
                  alarmType=communicationAlarm
                  probableCause=receiverFailure"
::= { ppMxAlarmTrapItemVar 3 }

alarmItemPpMxOduApc OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxOduApc
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_ODU
                  severity=major
                  alarmType=equipmentAlarm
                  probableCause=equipmentMalfunction"
::= { ppMxAlarmTrapItemVar 4 }

alarmItemPpMxOduCpuAlm OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxOduCpuAlm
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_ODU
                  severity=major
                  alarmType=equipmentAlarm
                  probableCause=equipmentMalfunction"
::= { ppMxAlarmTrapItemVar 5 }

alarmItemPpMxIduMainBoardAlm OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxIduMainBoardAlm
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_IDU
                  severity=major
                  alarmType=equipmentAlarm
                  probableCause=equipmentMalfunction"
::= { ppMxAlarmTrapItemVar 6 }

alarmItemPpMxIduInputLoss OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxIduInputLoss
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_IDU
                  severity=major
                  alarmType=communicationAlarm
                  probableCause=lossOfSignal"

```

::= { ppMxAlarmTrapItemVar 7 }

alarmItemPpMxIduOutputLoss OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduOutputLoss
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=communicationAlarm
 probableCause=lineCardProblem"

::= { ppMxAlarmTrapItemVar 8 }

alarmItemPpMxIduModAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduModAlm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=transmitterFailure"

::= { ppMxAlarmTrapItemVar 9 }

alarmItemPpMxIduDemAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduDemAlm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=receiverFailure"

::= { ppMxAlarmTrapItemVar 10 }

alarmItemPpMxIdulfcableShort OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIdulfcableShort
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=equipmentMalfunction"

::= { ppMxAlarmTrapItemVar 11 }

alarmItemPpMxIduCpuSubAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduMdCpuAlm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_PMC
 severity=major
 alarmType=equipmentAlarm
 probableCause=equipmentMalfunction"

::= { ppMxAlarmTrapItemVar 12 }

alarmItemPpMxIduLanIntfcMAIm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduLanIntfcMAIm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=equipmentMalfunction"
 ::= { ppMxAlarmTrapItemVar 13 }

alarmItemPpMxIduLanIntfcSAIm OBJECT-TYPE
 SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduLanIntfcSAIm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=equipmentMalfunction"
 ::= { ppMxAlarmTrapItemVar 14 }

alarmItemPpMxIduModemAlm OBJECT-TYPE
 SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduModemAlm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=equipmentMalfunction"
 ::= { ppMxAlarmTrapItemVar 15 }

alarmItemPpMxIduPsAlm OBJECT-TYPE
 SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduPsAlm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=major
 alarmType=equipmentAlarm
 probableCause=powerProblem"
 ::= { ppMxAlarmTrapItemVar 16 }

alarmItemPpMxIduLowBerAlm OBJECT-TYPE
 SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "alarmItemPpMxIduLowBerAlm
 INVALID(0),NORMAL(1),ALARM(2)
 FLAG=SUMMARY_IDU
 severity=minor
 alarmType=qualityOfServiceAlarm
 probableCause=degradedSignal"
 ::= { ppMxAlarmTrapItemVar 17 }

alarmItemPpMxIduHighBerAlm OBJECT-TYPE
 SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory

DESCRIPTION	"alarmItemPpMxIduHighBerAlm INVALID(0),NORMAL(1),ALARM(2) FLAG=SUMMARY_IDU severity=major alarmType=qualityOfServiceAlarm probableCause=excessiveBER"
	::= { ppMxAlarmTrapItemVar 18 }

alarmItemPpMxIduLof OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"alarmItemPpMxIduLof INVALID(0),NORMAL(1),ALARM(2) FLAG=SUMMARY_IDU severity=major alarmType=qualityOfServiceAlarm probableCause=lossOfFrame"
	::= { ppMxAlarmTrapItemVar 19 }

alarmItemPpMxIduUsageError OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"alarmItemPpMxIduUsageError INVALID(0),NORMAL(1),ALARM(2) FLAG=SUMMARY_IDU severity=minor alarmType=operationalViolationAlarm probableCause=callSetUpFailure"
	::= { ppMxAlarmTrapItemVar 20 }

alarmItemPpMxCalendar OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"alarmItemPpMxCalendar INVALID(0),NORMAL(1),ALARM(2) FLAG=SUMMARY_PMC severity=major alarmType=equipmentAlarm probableCause=equipmentMalfunction"
	::= { ppMxAlarmTrapItemVar 21 }

alarmItemPpMxIdu4pLanLink OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"alarmItemPpMxIdu4pLanLink INVALID(0),NORMAL(1),ALARM(2) FLAG=SUMMARY_IDU severity=major alarmType=communicationAlarm probableCause=lossOfSignal"
	::= { ppMxAlarmTrapItemVar 22 }

alarmItemPpMxIdu2pLanLink OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"alarmItemPpMxIdu2pLanLink INVALID(0),NORMAL(1),ALARM(2) FLAG=SUMMARY_IDU"

```

severity=major
alarmType=communicationAlarm
probableCause=lossOfSignal"
::= { ppMxAlarmTrapItemVar 23 }

alarmItemPpMxTcnDaily OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxTcnDaily
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_LPM
                  severity=minor
                  alarmType=qualityOfServiceAlarm
                  probableCause=thresholdCrossed"
::= { ppMxAlarmTrapItemVar 24 }

alarmItemPpMxTcnWeekly OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxTcnWeekly
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_LPM
                  severity=minor
                  alarmType=qualityOfServiceAlarm
                  probableCause=thresholdCrossed"
::= { ppMxAlarmTrapItemVar 25 }

alarmItemPpMxIduTnsCard OBJECT-TYPE
SYNTAX          NormalAlarm01Value
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "alarmItemPpMxIduTnsCard
                  INVALID(0),NORMAL(1),ALARM(2)
                  FLAG=SUMMARY_IDU
                  severity=major
                  alarmType=equipmentAlarm
                  probableCause=equipmentMalfunction"
::= { ppMxAlarmTrapItemVar 26 }

```

-- Mx Event Trap Item Var Group Definitions

```

ppMxEventTrapItemVar OBJECT IDENTIFIER
::= { ppMxTrapItemVar 3 }

eventItemPpMxRxSwitchMode OBJECT-TYPE
SYNTAX          SwitchModeValue
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "RX Switch Mode
                  0:INVALID, 1:AUTO, 2:MANUAL"
::= { ppMxEventTrapItemVar 1 }

eventItemPpMxSelectedRx OBJECT-TYPE
SYNTAX          SwitchStatusValue
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "RX Switch Status
                  0:INVALID, 1:No.1, 2:No.2"

```



```

::= { ppMxEventTrapItemVar 2 }

eventItemPpMxTxSwitchMode OBJECT-TYPE
    SYNTAX          SwitchModeValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "TX Switch Mode
                     0:INVALID, 1:AUTO, 2:MANUAL"
    ::= { ppMxEventTrapItemVar 3 }

eventItemPpMxSelectedTx OBJECT-TYPE
    SYNTAX          SwitchStatusValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "TX Switch Status
                     0:INVALID, 1:No.1, 2:No.2"
    ::= { ppMxEventTrapItemVar 4 }

eventItemPpMxMainChLB1AllOff OBJECT-TYPE
    SYNTAX          INTEGER(0..1)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "CH Loopback-1 all-off Control
                     INVALID(0),EXECUTE(1)      "
    ::= { ppMxEventTrapItemVar 5 }

eventItemPpMxMainChLB2AllOff OBJECT-TYPE
    SYNTAX          INTEGER(0..1)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "CH Loopback-2 all-off Control
                     INVALID(0),EXECUTE(1)"
    ::= { ppMxEventTrapItemVar 6 }

eventItemPpMxMainChLB1 OBJECT-TYPE
    SYNTAX          OffOn01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "2M CHxx LOOPBACK-1 Control
                     0:INVALID, 1:OFF, 2:ON"
    ::= { ppMxEventTrapItemVar 7 }

eventItemPpMxMainChLB2 OBJECT-TYPE
    SYNTAX          OffOn01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "2M CHxx LOOPBACK-2 Control
                     0:INVALID, 1:OFF, 2:ON"
    ::= { ppMxEventTrapItemVar 8 }

eventItemPpMxAtpcManual OBJECT-TYPE
    SYNTAX          INTEGER (0..2)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "ATPC MANUAL CONTROL
                     0:INVALID, 2:MANUAL, 1:AUTO"
    ::= { ppMxEventTrapItemVar 9 }

eventItemPpMxTxPower OBJECT-TYPE
    SYNTAX          INTEGER
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "ATPC Manual value"

```

::= { ppMxEventTrapItemVar 10 }

eventItemPpMxTxMute OBJECT-TYPE

SYNTAX OffOn01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "TX MUTE CONTROL
 0:INVALID, 1:OFF, 2:ON"
 ::= { ppMxEventTrapItemVar 11 }

eventItemPpMxCw OBJECT-TYPE

SYNTAX OffOn01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Carrier Wave CONTROL
 0:INVALID, 1:OFF, 2:ON"
 ::= { ppMxEventTrapItemVar 12 }

eventItemPpMxIfLB OBJECT-TYPE

SYNTAX OffOn01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "IF LOOPBACK CONTROL
 0:INVALID, 1:OFF, 2:ON"
 ::= { ppMxEventTrapItemVar 13 }

eventItemPpMxIdu4PortLanPortReset OBJECT-TYPE

SYNTAX INTEGER(0..1)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION " LAN Interface-Main (4port LAN) Port Reset
 INVALID(0),EXECUTE(1)"
 ::= { ppMxEventTrapItemVar 14 }

eventItemPpMxIdu2PortLanPortReset OBJECT-TYPE

SYNTAX INTEGER(0..1)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION " LAN Interface-Main (2port LAN) Port Reset
 INVALID(0),EXECUTE(1)"
 ::= { ppMxEventTrapItemVar 15 }

eventItemPpMxEquipmentMaint OBJECT-TYPE

SYNTAX OffOn01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "MAINT CONTROL
 0:INVALID, 1:OFF, 2:ON"
 ::= { ppMxEventTrapItemVar 16 }

eventItemPpMxConfigDataInvalid OBJECT-TYPE

SYNTAX INTEGER(0..1)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "eventItemPpMxConfigDataInvalid
 INVALID(0),VALID(1)"
 ::= { ppMxEventTrapItemVar 17 }

eventItemPpMxConfigDataUp OBJECT-TYPE

SYNTAX INTEGER(0..1)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "eventItemPpMxConfigDataUp

INVALID(0),UPDATE(1)"
 ::= { ppMxEventTrapItemVar 18 }

eventItemPpMxIduAisGenerated OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION " AIS Genarated status
 INVALID(0),NORMAL(1),GENERATED(2)"
 ::= { ppMxEventTrapItemVar 19 }

eventItemPpMxIdu4pLanCollision OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN Collision Status
 INVALID(0),NORMAL(1),COLLISION(2)"
 ::= { ppMxEventTrapItemVar 20 }

eventItemPpMxIdu4pLanPortSpeedDuplex OBJECT-TYPE
 SYNTAX INTEGER(0..8)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN SpeedDuplex

INVALID(0),10M-HALF(MDI)(1),10M-FULL(MDI)(2),100M-HALF(MDI)(3),100M-FULL(MDI)(4),10M-HALF(MDI
 X)(5),10M-FULL(MDIX)(6),100M-HALF(MDIX)(7),100M-FULL(MDIX)(8)"
 ::= { ppMxEventTrapItemVar 21 }

eventItemPpMxIdu4pLanLinkLosForwarding OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN LinkLosForwarding
 INVALID(0),NORMAL(1),UNDER EXECUTION(2)"
 ::= { ppMxEventTrapItemVar 22 }

eventItemPpMxIdu2pLanCollision OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN Collision Status
 INVALID(0),NORMAL(1),COLLISION(2)"
 ::= { ppMxEventTrapItemVar 23 }

eventItemPpMxIdu2pLanPortSpeedDuplex OBJECT-TYPE
 SYNTAX INTEGER(0..8)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN SpeedDuplex

INVALID(0),10M-HALF(MDI)(1),10M-FULL(MDI)(2),100M-HALF(MDI)(3),100M-FULL(MDI)(4),10M-HALF(MDI
 X)(5),10M-FULL(MDIX)(6),100M-HALF(MDIX)(7),100M-FULL(MDIX)(8)"
 ::= { ppMxEventTrapItemVar 24 }

eventItemPpMxIdu2pLanLinkLosForwarding OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN LinkLosForwarding
 INVALID(0),NORMAL(1),UNDER EXECUTION(2)"
 ::= { ppMxEventTrapItemVar 25 }

eventItemPpMxTcnDailyOccur OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Performance Monitor Threshold value (15-min., Alarm Occur)"
 ::= { ppMxEventTrapItemVar 26 }

eventItemPpMxTcnDailyRecover OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Performance Monitor Threshold value (15-min., Alarm Recover)"
 ::= { ppMxEventTrapItemVar 27 }

eventItemPpMxTcnWeeklyOccur OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Performance Monitor Threshold value (1-day, Alarm Occur)"
 ::= { ppMxEventTrapItemVar 28 }

eventItemPpMxTcnWeeklyRecover OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Performance Monitor Threshold value (1-day, Alarm Recover)"
 ::= { ppMxEventTrapItemVar 29 }

eventItemPpMxBerThreshold OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Ber Threshold"
 ::= { ppMxEventTrapItemVar 30 }

eventItemPpMxAdditionalAtt OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "additional Attenuation value [dB]"
 ::= { ppMxEventTrapItemVar 31 }

eventItemPpMxAtpcMax OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ATPC Maximum value [dB]"
 ::= { ppMxEventTrapItemVar 32 }

eventItemPpMxAtpcMin OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ATPC Minimum value [dB]"
 ::= { ppMxEventTrapItemVar 33 }

eventItemPpMxAtpcRxThresholdLevel OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ATPC RX Threshold Level Value [dBm]"
 ::= { ppMxEventTrapItemVar 34 }

eventItemPpMxOduAlarmMode OBJECT-TYPE
 SYNTAX INTEGER(0..4)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ODU alarm mode
 INVALID(0),MUTE(1),MAX(2), MIN(3), HOLD(4)"
 ::= { ppMxEventTrapItemVar 36 }

eventItemPpMxMtpcTxPower OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "MTPC TX Power value [dB]"
 ::= { ppMxEventTrapItemVar 37 }

eventItemPpMxTxSwPriority OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "TX SW Priority
 INVALID(0),PRIORITY No.1(1),NON-PRIORITY(2)"
 ::= { ppMxEventTrapItemVar 38 }

eventItemPpMxRxSwPriority OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "RX SW Priority
 INVALID(0),PRIORITY No.1(1),NON-PRIORITY(2)"
 ::= { ppMxEventTrapItemVar 39 }

eventItemPpMxAisActivationCondition OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS Activation Condition
 INVALID(0), LOF+HIGH BER(1), LOF(2)"
 ::= { ppMxEventTrapItemVar 41 }

eventItemPpMxMainChAisReceivedReport OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS Received Report
 INVALID(0),REPORTED(1),NOT REPORTED(2)"
 ::= { ppMxEventTrapItemVar 42 }

eventItemPpMxMainChAisReceivedConditionSetting OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS RECEIVED CONDITION SETTING
 INVALID(0),ALARM(1),STATUS(2)
 FLAG=SUMMARY_IDU"
 ::= { ppMxEventTrapItemVar 43 }

eventItemPpMxMainChAisGeneratedReport OBJECT-TYPE
 SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS GENERATED REPORT
 INVALID(0),REPORTED(1),NOT REPORTED(2)"
 ::= { ppMxEventTrapItemVar 44 }

```

eventItemPpMxMainChUsage OBJECT-TYPE
    SYNTAX          INTEGER(0..3)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "CHANNEL USAGE
                     INVALID(0),USED(1),NOT USED(2),LAN RESERVED(3)"
    ::= { ppMxEventTrapItemVar 45 }

eventItemPpMxMainChErrorReport OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "CHANNEL USAGE ERROR REPORT
                     INVALID(0),REPORTED(1),NOT REPORTED(2)"
    ::= { ppMxEventTrapItemVar 46 }

eventItemPpMx4pLanPortUsage OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "4PORT LAN Port Usage
                     INVALID(0),USED(1),NOT USED(2)"
    ::= { ppMxEventTrapItemVar 47 }

eventItemPpMx4pLanPortSpeedDuplex OBJECT-TYPE
    SYNTAX          INTEGER(0..9)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "4PORT LAN SpeedDuplex
                     1:AUTONEG(AUTO-MDI/MDIX)
                     2:10M-HALF(MDI)
                     3:10M-FULL(MDI)
                     4:100M-HALF(MDI)
                     5:100M-FULL(MDI)
                     6:10M-HALF(MDIX)
                     7:10M-FULL(MDIX)
                     8:100M-HALF(MDIX)
                     9:100M-FULL(MDIX)
                     0:INVALID"
    ::= { ppMxEventTrapItemVar 48 }

eventItemPpMx4pLanFlowControl OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "4PORT LAN FlowControl
                     INVALID(0),ON(1),OFF(2)"
    ::= { ppMxEventTrapItemVar 49 }

eventItemPpMx4pLanCollisionReport OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "4PORT LAN Collision Report
                     INVALID(0),REPORTED(1),NOT REPORTED(2)"
    ::= { ppMxEventTrapItemVar 50 }

eventItemPpMx4pLanLinkLossForwarding OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "4PORT LAN LinkLossForwarding
                     INVALID(0),ENAVLED(1),DISAVLED(2)"

```

::= { ppMxEventTrapItemVar 51 }

eventItemPpMx4pLanPortSwitching OBJECT-TYPE

SYNTAX INTEGER(0..6)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN Port Switching
 0:INVALID
 1:P1-2=ENABLED,P3-4=ENABLED
 2:P1-2=ENABLED,P3-4=DISABLED
 3:P1-2=DISABLED,P3-4=ENABLED
 4:P1-2=DISABLED,P3-4=DISABLED
 5:P1-4=ENABLED
 6:P1-4=DISABLED"

::= { ppMxEventTrapItemVar 52 }

eventItemPpMx2pLanPortUsage OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN Port Usage
 INVALID(0),USED(1),NOT USED(2)"

::= { ppMxEventTrapItemVar 53 }

eventItemPpMx2pLanPortSpeedDuplex OBJECT-TYPE

SYNTAX INTEGER(0..9)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN SpeedDuplex
 1:AUTONEG(AUTO-MDI/MDIX)
 2:10M-HALF(MDI)
 3:10M-FULL(MDI)
 4:100M-HALF(MDI)
 5:100M-FULL(MDI)
 6:10M-HALF(MDIX)
 7:10M-FULL(MDIX)
 8:100M-HALF(MDIX)
 9:100M-FULL(MDIX)
 0:INVALID"

::= { ppMxEventTrapItemVar 54 }

eventItemPpMx2pLanFlowControl OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN FlowControl
 INVALID(0),ON(1),OFF(2)"

::= { ppMxEventTrapItemVar 55 }

eventItemPpMx2pLanCollisionReport OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN Collision Report
 INVALID(0),REPORTED(1),NOT REPORTED(2)"

::= { ppMxEventTrapItemVar 56 }

eventItemPpMx2pLanLinkLossForwarding OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN LinkLossForwarding
 INVALID(0),ENAVLED(1),DISAVLED(2)"

::= { ppMxEventTrapItemVar 57 }

eventItemPpMx2pLanPort1or12Lan2Mframing OBJECT-TYPE

SYNTAX INTEGER(0..5)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN Port1 2M Framing
 0:INVALID
 1:UNFRAMED
 2:PCM-31C(FAS+CRC)
 3:PCM-31(FAS)
 4:PCM-30C(MFAS+CRC)
 5:PCM-30(MFAS)"

::= { ppMxEventTrapItemVar 58 }

eventItemPpMx2pLanPort2Lan2Mframing OBJECT-TYPE

SYNTAX INTEGER(0..5)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN Port2 2M Framing
 0:INVALID
 1:UNFRAMED
 2:PCM-31C(FAS+CRC)
 3:PCM-31(FAS)
 4:PCM-30C(MFAS+CRC)
 5:PCM-30(MFAS)"

::= { ppMxEventTrapItemVar 59 }

eventItemPpMx2pLanPortSwitching OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2PORT LAN Port Switching
 0:INVALID
 1:P1-2=ENABLED
 2:P1-2=DISABLED"

::= { ppMxEventTrapItemVar 60 }

eventItemPpMxSc1Usage OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "SC1 Usage
 INVALID(0),RS-232C(1),LAN(2)"

::= { ppMxEventTrapItemVar 61 }

eventItemPpMxSc2Usage OBJECT-TYPE

SYNTAX INTEGER(0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "SC2 Usage
 INVALID(0),RS-232C(1),LAN(2)"

::= { ppMxEventTrapItemVar 62 }

eventItemPpMxSc3Usage OBJECT-TYPE

SYNTAX INTEGER(0..3)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "SC3 Usage
 0:INVALID
 1:V.11(CO-DIRECTIONAL)
 2:V.11(CONTRA-DIRECTIONAL)
 3:TNS CARD"


```

::= { ppMxEventTrapItemVar 63 }

eventItemPpMxSc4Usage OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "SC4 Usage
                    0:INVALID
                    1:V.11(CO-DIRECTIONAL)
                    2:V.11(CONTRA-DIRECTIONAL)"
    ::= { ppMxEventTrapItemVar 64 }

eventItemPpMxRelay OBJECT-TYPE
    SYNTAX          OCTET STRING (SIZE (8))
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Relay setting bitmap"
    ::= { ppMxEventTrapItemVar 65 }

eventItemPpMxTxFreq OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "TX Frequency[MHz]"
    ::= { ppMxEventTrapItemVar 66 }

eventItemPpMxRxFreq OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "RX Frequency[MHz]"
    ::= { ppMxEventTrapItemVar 67 }

eventItemPpMxShiftFreq OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Shift Frequency[MHz]"
    ::= { ppMxEventTrapItemVar 69 }

eventItemPpMxSubBand OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "SubBand"
    ::= { ppMxEventTrapItemVar 70 }

eventItemPpMxInventoryUpdate OBJECT-TYPE
    SYNTAX          INTEGER
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "eventItemPpMxInventoryUpdate"
    ::= { ppMxEventTrapItemVar 71 }

eventItemPpMxAuxOutput OBJECT-TYPE
    SYNTAX          INTEGER(0..2)
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Aux Output Item Value
                    INVALID(0),EVENT OFF-OPEN LOOP(1),EVENT ON-CLOSE LOOP(2)"
    ::= { ppMxEventTrapItemVar 72 }

eventItemPpMxInsertedModule OBJECT-TYPE

```

SYNTAX	INTEGER(0..13)
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Inserted Module 0:INVALID 1:2M INTFC-M(32*2M) + BLANK 2:2M INTFC-M(32*2M) + 2M INTFC-S 3:2M INTFC-M(32*2M) + LAN INTFC-S 4:BLANK + LAN INTFC-S 5:LAN INTFC-M + BLANK 6:LAN INTFC-M + 2M INTFC-S 7:LAN INTFC-M + LAN INTFC-S 8:2M INTFC-M(20*2M) + BLANK 9:2M INTFC-M(20*2M) + LAN INTFC-S 10:TNS CARD + BLANK 11:TNS CARD + LAN INTFC-S 12:PNMS CARD+ BLANK 13:PNMS CARD+ LAN INTFC-S"

:= { ppMxEventTrapItemVar 74 }

eventItemPpMxModuleDetected OBJECT-TYPE

SYNTAX	INTEGER(0..2)
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Module Detected INVALID(0),OFF(1),ON(2)"

:= { ppMxEventTrapItemVar 75 }

eventItemPpMxTxMuteReleaseTime OBJECT-TYPE

SYNTAX	INTEGER
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Tx Mute Release Time"

:= { ppMxEventTrapItemVar 76 }

eventItemPpMxClusterAlarmUsage OBJECT-TYPE

SYNTAX	INTEGER(0..2)
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	" Cluster Alarm INVALID(0),ENAVLED(1),DISAVLED(2)"

:= { ppMxEventTrapItemVar 77 }

-- Mx Status Trap Item Var Group Definitions

ppMxStatusTrapItemVar OBJECT IDENTIFIER
:= { ppMxTrapItemVar 4 }

statusItemPpMxAuxInput OBJECT-TYPE

SYNTAX	INTEGER
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"AUX. Input Item 0:INVALID, 1:EVENT OFF-OPEN LOOP, 2:EVENT ON-CLOSE

LOOP

FLAG=SUMMARY_AUX
severity=major
alarmType=equipmentAlarm
probableCause=equipmentMalfunction"

:= { ppMxStatusTrapItemVar 1 }

```

statusItemPpMxAisReceived OBJECT-TYPE
    SYNTAX          INTEGER
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "AIS RECEIVED
                    0:INVALID, 1:NORMAL, 2:RECEIVED
                    FLAG=SUMMARY_IDU
                    severity=minor
                    alarmType=qualityOfServiceAlarm
                    probableCause=aIS"
    ::= { ppMxStatusTrapItemVar 2 }

```

-- Mx System Trap Item Var Group Definitions

```

ppMxSystemTrapItemVar OBJECT IDENTIFIER
    ::= { ppMxTrapItemVar 5 }

```

```

systemItemPpMxLocalUpdate OBJECT-TYPE
    SYNTAX          OffOn01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "systemItemPpMxLocalUpdate
                    INVALID(0),OFF(1),ON(2)"
    ::= { ppMxSystemTrapItemVar 2 }

```

```

systemItemPpMxGetMeteringRequestID OBJECT-TYPE
    SYNTAX          INTEGER
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Request ID"
    ::= { ppMxSystemTrapItemVar 3 }

```

```

systemItemPpMxGetMeteringTargetIpAddress OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Pasolink NE IpAddress"
    ::= { ppMxSystemTrapItemVar 4 }

```

```

systemItemPpMxGetMeteringResult OBJECT-TYPE
    SYNTAX          INTEGER (0..3)
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Request Result

```

```

invalid(0),
ready(1),
wait(2),
fail(3)"

```

```

    ::= { ppMxSystemTrapItemVar 5 }

```

```

ppMxPartialSummaryTrapOdu TRAP-TYPE
    ENTERPRISE      pasolinkPlusMx
    VARIABLES        {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    severity,
                    alarmType,
                    probableCause,
                    trapSource,

```

```

                                ppMxPartialSummaryItemOdu
                                }
 ::= 10

ppMxPartialSummaryTrapIdu TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                severity,
                                alarmType,
                                probableCause,
                                trapSource,
                                ppMxPartialSummaryItemIdu
                                }
 ::= 11

ppMxPartialSummaryTrapPmc TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                severity,
                                alarmType,
                                probableCause,
                                trapSource,
                                ppMxPartialSummaryItemPmc
                                }
 ::= 12

ppMxPartialSummaryTrapAux TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                severity,
                                alarmType,
                                probableCause,
                                trapSource,
                                ppMxPartialSummaryItemAux
                                }
 ::= 13

ppMxPartialSummaryTrapLpm TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                severity,
                                alarmType,
                                probableCause,
                                trapSource,
                                ppMxPartialSummaryItemLpm
                                }
 ::= 14

alarmTrapPpMxOduTxInput TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {

```

```

trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,
alarmItemPpMxOduTxInput
}

::= 101

alarmTrapPpMxOduTxPower TRAP-TYPE
ENTERPRISE              pasolinkPlusMx
VARIABLES               {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        severity,
                        alarmType,
                        probableCause,
                        trapSource,
                        alarmItemPpMxOduTxPower
                        }

::= 102

alarmTrapPpMxOduRxLevel TRAP-TYPE
ENTERPRISE              pasolinkPlusMx
VARIABLES               {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        severity,
                        alarmType,
                        probableCause,
                        trapSource,
                        alarmItemPpMxOduRxLevel
                        }

::= 103

alarmTrapPpMxOduApc TRAP-TYPE
ENTERPRISE           pasolinkPlusMx
VARIABLES            {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    severity,
                    alarmType,
                    probableCause,
                    trapSource,
                    alarmItemPpMxOduApc
                    }

::= 104

alarmTrapPpMxOduCpuAlm TRAP-TYPE
ENTERPRISE             pasolinkPlusMx
VARIABLES              {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    severity,
                    alarmType,
                    probableCause,
                    trapSource,

```

```

alarmItemPpMxOduCpuAlm
}
::= 105

alarmTrapPpMxIduMainBoardAlm TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduMainBoardAlm
}
::= 106

alarmTrapPpMxIduInputLoss TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduInputLoss
}
::= 107

alarmTrapPpMxIduOutputLoss TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduOutputLoss
}
::= 108

alarmTrapPpMxIduModAlm TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduModAlm
}
::= 109

alarmTrapPpMxIduDemAlm TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {

```

```

trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,
alarmItemPpMxIduDemAlm
}

::= 110

alarmTrapPpMxIdulfCableShort TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIdulfCableShort
}

::= 111

alarmTrapPpMxIduCpuSubAlm TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduCpuSubAlm
}

::= 112

alarmTrapPpMxIduLanIntfcMAIm TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduLanIntfcMAIm
}

::= 113

alarmTrapPpMxIduLanIntfcSAIm TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,

```

```

alarmItemPpMxIduLanIntfcSAlm
}

::= 114

alarmTrapPpMxIduModemAlm TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                           trapSequenceNumber,
                           trapDate,
                           trapTime,
                           severity,
                           alarmType,
                           probableCause,
                           trapSource,
                           alarmItemPpMxIduModemAlm
                           }

::= 115

alarmTrapPpMxIduPsAlm TRAP-TYPE
ENTERPRISE             pasolinkPlusMx
VARIABLES               {
                       trapSequenceNumber,
                       trapDate,
                       trapTime,
                       severity,
                       alarmType,
                       probableCause,
                       trapSource,
                       alarmItemPpMxIduPsAlm
                       }

::= 116

alarmTrapPpMxIduLowBerAlm TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                           trapSequenceNumber,
                           trapDate,
                           trapTime,
                           severity,
                           alarmType,
                           probableCause,
                           trapSource,
                           alarmItemPpMxIduLowBerAlm
                           }

::= 117

alarmTrapPpMxIduHighBerAlm TRAP-TYPE
ENTERPRISE               pasolinkPlusMx
VARIABLES                 {
                           trapSequenceNumber,
                           trapDate,
                           trapTime,
                           severity,
                           alarmType,
                           probableCause,
                           trapSource,
                           alarmItemPpMxIduHighBerAlm
                           }

::= 118

alarmTrapPpMxIduLof TRAP-TYPE
ENTERPRISE           pasolinkPlusMx
VARIABLES             {

```



```

trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,
alarmItemPpMxIduLof
}

::= 119

alarmTrapPpMxIduUsageError TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,
alarmItemPpMxIduUsageError
}

::= 120

alarmTrapPpMxCalendar TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,
alarmItemPpMxCalendar
}

::= 121

alarmTrapPpMxIdu4pLanLink TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,
alarmItemPpMxIdu4pLanLink
}

::= 122

alarmTrapPpMxIdu2pLanLink TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
severity,
alarmType,
probableCause,
trapSource,

```

```

alarmItemPpMxIdu2pLanLink
}

::= 123

alarmTrapPpMxTcnDaily
ENTERPRISE
VARIABLES
TRAP-TYPE
pasolinkPlusMx
{
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxTcnDaily
}

::= 124

alarmTrapPpMxTcnWeekly
ENTERPRISE
VARIABLES
TRAP-TYPE
pasolinkPlusMx
{
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxTcnWeekly
}

::= 125

alarmTrapPpMxIduTnsCard
ENTERPRISE
VARIABLES
TRAP-TYPE
pasolinkPlusMx
{
    trapSequenceNumber,
    trapDate,
    trapTime,
    severity,
    alarmType,
    probableCause,
    trapSource,
    alarmItemPpMxIduTnsCard
}

::= 126

eventTrapPpMxRxSwitchMode
ENTERPRISE
VARIABLES
TRAP-TYPE
pasolinkPlusMx
{
    trapSequenceNumber,
    trapDate,
    trapTime,
    trapSource,
    eventItemPpMxRxSwitchMode
}

::= 201

eventTrapPpMxSelectedRx
ENTERPRISE
VARIABLES
TRAP-TYPE
pasolinkPlusMx
{
    trapSequenceNumber,
    trapDate,
    trapTime,

```

```

trapSource,
eventItemPpMxSelectedRx
}

::= 202

eventTrapPpMxTxSwitchMode TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxTxSwitchMode
}

::= 203

eventTrapPpMxSelectedTx TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxSelectedTx
}

::= 204

eventTrapPpMxMainChLB1AllOff TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxMainChLB1AllOff
}

::= 205

eventTrapPpMxMainChLB2AllOff TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxMainChLB2AllOff
}

::= 206

eventTrapPpMxMainChLB1 TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxMainChLB1
}

::= 207

eventTrapPpMxMainChLB2 TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {

```

```

trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxMainChLB2
}

::= 208

eventTrapPpMxAtpcManual TRAP-TYPE
ENTERPRISE              pasolinkPlusMx
VARIABLES               {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        trapSource,
                        eventItemPpMxAtpcManual
                        }

::= 209

eventTrapPpMxTxPower TRAP-TYPE
ENTERPRISE            pasolinkPlusMx
VARIABLES             {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        trapSource,
                        eventItemPpMxTxPower
                        }

::= 210

eventTrapPpMxTxMute TRAP-TYPE
ENTERPRISE           pasolinkPlusMx
VARIABLES            {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        trapSource,
                        eventItemPpMxTxMute
                        }

::= 211

eventTrapPpMxCw TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        trapSource,
                        eventItemPpMxCw
                        }

::= 212

eventTrapPpMxIfLB TRAP-TYPE
ENTERPRISE        pasolinkPlusMx
VARIABLES         {
                        trapSequenceNumber,
                        trapDate,
                        trapTime,
                        trapSource,
                        eventItemPpMxIfLB
                        }

::= 213

```

```

eventTrapPpMxIdu4PortLanPortReset TRAP-TYPE
  ENTERPRISE      pasolinkPlusMx
  VARIABLES      {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxIdu4PortLanPortReset
                                }
  ::= 214

```

```

eventTrapPpMxIdu2PortLanPortReset TRAP-TYPE
  ENTERPRISE      pasolinkPlusMx
  VARIABLES      {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxIdu2PortLanPortReset
                                }
  ::= 215

```

```

eventTrapPpMxEquipmentMaint TRAP-TYPE
  ENTERPRISE      pasolinkPlusMx
  VARIABLES      {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxEquipmentMaint
                                }
  ::= 216

```

```

eventTrapPpMxConfigDataInvalid TRAP-TYPE
  ENTERPRISE      pasolinkPlusMx
  VARIABLES      {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxConfigDataInvalid
                                }
  ::= 217

```

```

eventTrapPpMxConfigDataUp TRAP-TYPE
  ENTERPRISE      pasolinkPlusMx
  VARIABLES      {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxConfigDataUp
                                }
  ::= 218

```

```

eventTrapPpMxIduAisGenerated TRAP-TYPE
  ENTERPRISE      pasolinkPlusMx
  VARIABLES      {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxIduAisGenerated
                                }

```

```

    }
    ::= 219

eventTrapPpMxIdu4pLanCollision TRAP-TYPE
    ENTERPRISE pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxIdu4pLanCollision
    }
    ::= 220

eventTrapPpMxIdu4pLanPortSpeedDuplex TRAP-TYPE
    ENTERPRISE pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxIdu4pLanPortSpeedDuplex
    }
    ::= 221

eventTrapPpMxIdu4pLanLinkLosForwarding TRAP-TYPE
    ENTERPRISE pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxIdu4pLanLinkLosForwarding
    }
    ::= 222

eventTrapPpMxIdu2pLanCollision TRAP-TYPE
    ENTERPRISE pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxIdu2pLanCollision
    }
    ::= 223

eventTrapPpMxIdu2pLanPortSpeedDuplex TRAP-TYPE
    ENTERPRISE pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxIdu2pLanPortSpeedDuplex
    }
    ::= 224

eventTrapPpMxIdu2pLanLinkLosForwarding TRAP-TYPE
    ENTERPRISE pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,

```

```

trapTime,
trapSource,
eventItemPpMxIdu2pLanLinkLosForwarding
}

::= 225

eventTrapPpMxTcnDailyOccur TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxTcnDailyOccur
}

::= 226

eventTrapPpMxTcnDailyRecover TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxTcnDailyRecover
}

::= 227

eventTrapPpMxTcnWeeklyOccur TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxTcnWeeklyOccur
}

::= 228

eventTrapPpMxTcnWeeklyRecover TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxTcnWeeklyRecover
}

::= 229

eventTrapPpMxBerThreshold TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxBerThreshold
}

::= 230

eventTrapPpMxAdditionalAtt TRAP-TYPE
ENTERPRISE      pasolinkPlusMx

```

```

VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMxAdditionalAtt
                }

::= 231

eventTrapPpMxAtpcMax TRAP-TYPE
ENTERPRISE          pasolinkPlusMx
VARIABLES          {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    trapSource,
                    eventItemPpMxAtpcMax
                    }

::= 232

eventTrapPpMxAtpcMin TRAP-TYPE
ENTERPRISE          pasolinkPlusMx
VARIABLES          {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    trapSource,
                    eventItemPpMxAtpcMin
                    }

::= 233

eventTrapPpMxAtpcRxThresholdLevel TRAP-TYPE
ENTERPRISE          pasolinkPlusMx
VARIABLES          {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    trapSource,
                    eventItemPpMxAtpcRxThresholdLevel
                    }

::= 234

eventTrapPpMxOduAlarmMode TRAP-TYPE
ENTERPRISE          pasolinkPlusMx
VARIABLES          {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    trapSource,
                    eventItemPpMxOduAlarmMode
                    }

::= 236

eventTrapPpMxMtpcTxPower TRAP-TYPE
ENTERPRISE          pasolinkPlusMx
VARIABLES          {
                    trapSequenceNumber,
                    trapDate,
                    trapTime,
                    trapSource,
                    eventItemPpMxMtpcTxPower
                    }

::= 237

```



```

eventTrapPpMxTxSwPriority  TRAP-TYPE
ENTERPRISE                pasolinkPlusMx
VARIABLES                  {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxTxSwPriority
                            }
::= 238

```

```

eventTrapPpMxRxSwPriority  TRAP-TYPE
ENTERPRISE                pasolinkPlusMx
VARIABLES                  {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxRxSwPriority
                            }
::= 239

```

```

eventTrapPpMxAisActivationCondition  TRAP-TYPE
ENTERPRISE                          pasolinkPlusMx
VARIABLES                          {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxAisActivationCondition
                            }
::= 241

```

```

eventTrapPpMxMainChAisReceivedReport  TRAP-TYPE
ENTERPRISE                          pasolinkPlusMx
VARIABLES                          {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxMainChAisReceivedReport
                            }
::= 242

```

```

eventTrapPpMxMainChAisReceivedConditionSetting  TRAP-TYPE
ENTERPRISE                          pasolinkPlusMx
VARIABLES                          {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxMainChAisReceivedConditionSetting
                            }
::= 243

```

```

eventTrapPpMxMainChAisGeneratedReport  TRAP-TYPE
ENTERPRISE                          pasolinkPlusMx
VARIABLES                          {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxMainChAisGeneratedReport
                            }

```

```

    }
    ::= 244

eventTrapPpMxMainChUsage TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES     {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxMainChUsage
    }
    ::= 245

eventTrapPpMxMainChErrorReport TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES     {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMxMainChErrorReport
    }
    ::= 246

eventTrapPpMx4pLanPortUsage TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES     {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx4pLanPortUsage
    }
    ::= 247

eventTrapPpMx4pLanPortSpeedDuplex TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES     {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx4pLanPortSpeedDuplex
    }
    ::= 248

eventTrapPpMx4pLanFlowControl TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES     {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx4pLanFlowControl
    }
    ::= 249

eventTrapPpMx4pLanCollisionReport TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES     {
        trapSequenceNumber,
        trapDate,

```

```

        trapTime,
        trapSource,
        eventItemPpMx4pLanCollisionReport
    }

::= 250

eventTrapPpMx4pLanLinkLossForwarding TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx4pLanLinkLossForwarding
    }

::= 251

eventTrapPpMx4pLanPortSwitching TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx4pLanPortSwitching
    }

::= 252

eventTrapPpMx2pLanPortUsage TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx2pLanPortUsage
    }

::= 253

eventTrapPpMx2pLanPortSpeedDuplex TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx2pLanPortSpeedDuplex
    }

::= 254

eventTrapPpMx2pLanFlowControl TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx
    VARIABLES {
        trapSequenceNumber,
        trapDate,
        trapTime,
        trapSource,
        eventItemPpMx2pLanFlowControl
    }

::= 255

eventTrapPpMx2pLanCollisionReport TRAP-TYPE
    ENTERPRISE    pasolinkPlusMx

```

```

VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMx2pLanCollisionReport
                }
::= 256

eventTrapPpMx2pLanLinkLossForwarding      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMx2pLanLinkLossForwarding
                }
::= 257

eventTrapPpMx2pLanPort1or12Lan2MFraming      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMx2pLanPort1or12Lan2MFraming
                }
::= 258

eventTrapPpMx2pLanPort2Lan2MFraming      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMx2pLanPort2Lan2MFraming
                }
::= 259

eventTrapPpMx2pLanPortSwitching      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMx2pLanPortSwitching
                }
::= 260

eventTrapPpMxSc1Usage      TRAP-TYPE
ENTERPRISE      pasolinkPlusMx
VARIABLES      {
                trapSequenceNumber,
                trapDate,
                trapTime,
                trapSource,
                eventItemPpMxSc1Usage
                }
::= 261

```

eventTrapPpMxSc2Usage ENTERPRISE VARIABLES	TRAP-TYPE pasolinkPlusMx { <trapsequencenumber, </trapsequencenumber, trapDate, trapTime, trapSource, eventItemPpMxSc2Usage } ::= 262
eventTrapPpMxSc3Usage ENTERPRISE VARIABLES	TRAP-TYPE pasolinkPlusMx { <trapsequencenumber, </trapsequencenumber, trapDate, trapTime, trapSource, eventItemPpMxSc3Usage } ::= 263
eventTrapPpMxSc4Usage ENTERPRISE VARIABLES	TRAP-TYPE pasolinkPlusMx { <trapsequencenumber, </trapsequencenumber, trapDate, trapTime, trapSource, eventItemPpMxSc4Usage } ::= 264
eventTrapPpMxRelay ENTERPRISE VARIABLES	TRAP-TYPE pasolinkPlusMx { <trapsequencenumber, </trapsequencenumber, trapDate, trapTime, trapSource, eventItemPpMxRelay } ::= 265
eventTrapPpMxTxFreq ENTERPRISE VARIABLES	TRAP-TYPE pasolinkPlusMx { <trapsequencenumber, </trapsequencenumber, trapDate, trapTime, trapSource, eventItemPpMxTxFreq } ::= 266
eventTrapPpMxRxFreq ENTERPRISE VARIABLES	TRAP-TYPE pasolinkPlusMx { <trapsequencenumber, </trapsequencenumber, trapDate, trapTime, trapSource, eventItemPpMxRxFreq }

```

    }
    ::= 267

eventTrapPpMxShiftFreq      TRAP-TYPE
ENTERPRISE                  pasolinkPlusMx
VARIABLES                   {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxShiftFreq
                                }
    ::= 269

eventTrapPpMxSubBand       TRAP-TYPE
ENTERPRISE                  pasolinkPlusMx
VARIABLES                   {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxSubBand
                                }
    ::= 270

eventTrapPpMxInventoryUpdate TRAP-TYPE
ENTERPRISE                  pasolinkPlusMx
VARIABLES                   {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxInventoryUpdate
                                }
    ::= 271

eventTrapPpMxAuxOutput     TRAP-TYPE
ENTERPRISE                  pasolinkPlusMx
VARIABLES                   {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxAuxOutput
                                }
    ::= 272

eventTrapPpMxInsertedModule TRAP-TYPE
ENTERPRISE                  pasolinkPlusMx
VARIABLES                   {
                                trapSequenceNumber,
                                trapDate,
                                trapTime,
                                trapSource,
                                eventItemPpMxInsertedModule
                                }
    ::= 274

eventTrapPpMxModuleDetected TRAP-TYPE
ENTERPRISE                  pasolinkPlusMx
VARIABLES                   {
                                trapSequenceNumber,
                                trapDate,

```

```

trapTime,
trapSource,
eventItemPpMxModuleDetected
}

::= 275

eventTrapPpMxTxMuteReleaseTime TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxTxMuteReleaseTime
}

::= 276

eventTrapPpMxClusterAlarmUsage TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
eventItemPpMxClusterAlarmUsage
}

::= 277

statusTrapPpMxAuxInput TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
severity,
alarmType,
probableCause,
statusTypeAux,
statusItemPpMxAuxInput
}

::= 501

statusTrapPpMxAisReceived TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,
trapTime,
trapSource,
severity,
alarmType,
probableCause,
statusTypeAis,
statusItemPpMxAisReceived
}

::= 502

systemTrapPpMxGetResult TRAP-TYPE
ENTERPRISE pasolinkPlusMx
VARIABLES {
trapSequenceNumber,
trapDate,

```

```

trapTime,
systemItemPpMxGetMeteringRequestID,
systemItemPpMxGetMeteringTargetIpAddress,
systemItemPpMxGetMeteringResult
}
DESCRIPTION      "The result of Request"
::= 601

```

-- ppMxAlarmStatusInfo Group Definitions

```

ppMxasControlStatus OBJECT IDENTIFIER
::= { ppMxAlarmStatusInfo 1 }

```

```

ppMxasControlStatusCom OBJECT IDENTIFIER
::= { ppMxasControlStatus 1 }

```

```

ppMxcsComTable OBJECT-TYPE
SYNTAX          SEQUENCE OF PpMxcsComEntry
ACCESS          not-accessible
STATUS          optional
DESCRIPTION     "Control Status Common Table"
::= { ppMxasControlStatusCom 1 }

```

```

ppMxcsComEntry OBJECT-TYPE
SYNTAX          PpMxcsComEntry
ACCESS          not-accessible
STATUS          optional
DESCRIPTION     "Control Status Common Table Entry"
INDEX          {
                ppMxcsComPasolIndex
                }
::= { ppMxcsComTable 1 }

```

```

PpMxcsComEntry ::= SEQUENCE {
                ppMxcsComPasolIndex      ppMxcsComPasolIndex
                ppMxcsRxSwitchCtrl       IpAddress,
                ppMxcsTxSwitchCtrl       SwitchCtrlValue,
                ppMxcsRxSwitchMode       SwitchCtrlValue,
                ppMxcsSelectedRx         SwitchModeValue,
                ppMxcsTxSwitchMode       SwitchStatusValue,
                ppMxcsSelectedTx         SwitchModeValue,
                ppMxcsMainChLB1AllOff    SwitchStatusValue,
                ppMxcsMainChLB2AllOff    INTEGER,
                }

```

```

ppMxcsComPasolIndex OBJECT-TYPE
SYNTAX          IpAddress
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Pasolink IP Address Index"
::= { ppMxcsComEntry 1 }

```

```

ppMxcsRxSwitchCtrl OBJECT-TYPE
SYNTAX          SwitchCtrlValue
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "(Not used)"
                RX Switch Control 0:INVALID, 1:AUTO, 2:No.1, 3:No.2

```



```

                                FLAG=EVLOG|NONTC_10
                                LOGITEM='RX SWITCH'
                                LOGSTATUS='INVALID(0),AUTO(1),No.1(2),No.2(3)'
                                LOGFLAG='LII_I_ZERO'

 ::= { ppMxcsComEntry 2 }

ppMxcsTxSwitchCtrl OBJECT-TYPE
    SYNTAX          SwitchCtrlValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "(Not used)
                    TX Switch Control 0:INVALID, 1:AUTO, 2:No.1, 3:No.2

                                FLAG=EVLOG|NONTC_10|NONTC_TP
                                LOGITEM='TX SWITCH'
                                LOGSTATUS='INVALID(0),AUTO(1),No.1(2),No.2(3)'
                                LOGFLAG='LII_I_ZERO'

 ::= { ppMxcsComEntry 3 }

ppMxcsRxSwitchMode OBJECT-TYPE
    SYNTAX          SwitchModeValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "RX Switch Mode 0:INVALID, 2:MANUAL, 1:AUTO

                                FLAG=TRAP|EVLOG|NONTC_10
                                LOGITEM='RX SWITCH MODE'
                                LOGSTATUS='INVALID(0),AUTO(1),MANUAL(2)'
                                LOGFLAG='LII_I_ZERO'
                                TRAP=eventTrapPpMxRxSwitchMode"

 ::= { ppMxcsComEntry 4 }

ppMxcsSelectedRx OBJECT-TYPE
    SYNTAX          SwitchStatusValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Selected RX 0:INVALID, 1:No.1, 2:No.2

                                FLAG=TRAP|EVLOG|NONTC_10
                                LOGITEM='SELECTED RX'
                                LOGSTATUS='INVALID(0),No.1(1),No.2(2)'
                                LOGFLAG='LII_I_ZERO'
                                TRAP=eventTrapPpMxSelectedRx"

 ::= { ppMxcsComEntry 5 }

ppMxcsTxSwitchMode OBJECT-TYPE
    SYNTAX          SwitchModeValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "TX Switch Mode 0:INVALID, 2:MANUAL, 1:AUTO
                    FLAG=TRAP|EVLOG|NONTC_10|NONTC_TP
                    LOGITEM='TX SWITCH MODE'
                    LOGSTATUS='INVALID(0),AUTO(1),MANUAL(2)'
                    LOGFLAG='LII_I_ZERO'
                    TRAP=eventTrapPpMxTxSwitchMode"

 ::= { ppMxcsComEntry 6 }

ppMxcsSelectedTx OBJECT-TYPE
    SYNTAX          SwitchStatusValue
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Selected TX 0:INVALID, 1:No.1, 2:No.2
                    FLAG=TRAP|EVLOG|NONTC_10|NONTC_TP

```

```

LOGITEM='SELECTED TX'
LOGSTATUS='INVALID(0),No.1(1),No.2(2)'
LOGFLAG='LII_I_ZERO'
TRAP=eventTrapPpMxSelectedTx"

::= { ppMxcsComEntry 7 }

ppMxcsMainChLB1AllOff OBJECT-TYPE
    SYNTAX          INTEGER {
                                execute(1)
                            }
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "2M CH LOOPBACK-1 ALL OFF
                    1:EXECUTE

                    FLAG=TRAP|EVLOG|FORCED_NTC
                    LOGITEM='2M CH LOOPBACK-1 ALL OFF'
                    LOGSTATUS='EXECUTE(1)'
                    TRAP=eventTrapPpMxMainChLB1AllOff"

::= { ppMxcsComEntry 8 }

ppMxcsMainChLB2AllOff OBJECT-TYPE
    SYNTAX          INTEGER {
                                execute(1)
                            }
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "2M CH LOOPBACK-2 ALL OFF
                    1:EXECUTE

                    FLAG=TRAP|EVLOG|FORCED_NTC
                    LOGITEM='2M CH LOOPBACK-2 ALL OFF'
                    LOGSTATUS='EXECUTE(1)'
                    TRAP=eventTrapPpMxMainChLB2AllOff"

::= { ppMxcsComEntry 9 }

ppMxcsChTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxcsChEntry
    ACCESS           not-accessible
    STATUS           mandatory
    DESCRIPTION      "Control Ch Table"
    ::= { ppMxasControlStatus 2 }

ppMxcsChEntry OBJECT-TYPE
    SYNTAX          PpMxcsChEntry
    ACCESS           not-accessible
    STATUS           mandatory
    DESCRIPTION      "Control Ch Table Entry"
    INDEX           {
                                ppMxcsChPasoIndex,
                                ppMxcsChIndex
                            }

    ::= { ppMxcsChTable 1 }

PpMxcsChEntry ::= SEQUENCE {
                                ppMxcsChPasoIndex
                                ppMxcsChIndex
                                ppMxcsMainChLB1
                                ppMxcsMainChLB2
                            }
                                IpAddress,
                                INTEGER,
                                OffOn01Value,
                                OffOn01Value

```

ppMxcsChPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxcsChEntry 1 }

ppMxcsChIndex OBJECT-TYPE

SYNTAX INTEGER(1..40)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Index CH
 1:CH1,2:CH2,...,40:CH40"
 ::= { ppMxcsChEntry 2 }

ppMxcsMainChLB1 OBJECT-TYPE

SYNTAX OffOn01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2M CHxx LOOPBACK-1 Control
 0:INVALID, 1:OFF, 2:ON

 FLAG=TRAP|EVLOG
 LOGITEM='2M CH%d LOOPBACK-1'
 LOGSTATUS='INVALID(0),OFF(1),ON(2)'
 LOGFLAG='LII_I_TABIX'
 TRAP=eventTrapPpMxMainChLB1"
 ::= { ppMxcsChEntry 3 }

ppMxcsMainChLB2 OBJECT-TYPE

SYNTAX OffOn01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2M CHxx LOOPBACK-2 Control
 0:INVALID, 1:OFF, 2:ON

 FLAG=TRAP|EVLOG
 LOGITEM='2M CH%d LOOPBACK-2'
 LOGSTATUS='INVALID(0),OFF(1),ON(2)'
 LOGFLAG='LII_I_TABIX'
 TRAP=eventTrapPpMxMainChLB2"
 ::= { ppMxcsChEntry 4 }

ppMxcsIndvTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxcsIndvEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "Control Status No.1/No.2 Table"
 ::= { ppMxasControlStatus 3 }

ppMxcsIndvEntry OBJECT-TYPE

SYNTAX PpMxcsIndvEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "Control Status No.1/No.2 Table Entry"
 INDEX {
 ppMxcsIndvPasolIndex,
 ppMxcsIndvIndex
 }
 ::= { ppMxcsIndvTable 1 }

PpMxcsIndvEntry ::= SEQUENCE {

ppMxcsIndvPasolIndex IpAddress,

ppMxcsIndvIndex	INTEGER,
ppMxcsAtpcManual	INTEGER,
ppMxcsTxPower	INTEGER,
ppMxcsCw	OffOn01Value,
ppMxcsTxMute	OffOn01Value,
ppMxcsTxMuteReleaseTime	INTEGER,
ppMxcsIfLB	OffOn01Value

}

ppMxcsIndvPasoIndex OBJECT-TYPE

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Pasolink IP Address Index"

::= { ppMxcsIndvEntry 1 }

ppMxcsIndvIndex OBJECT-TYPE

SYNTAX	INTEGER { no1(1), no2(2) }
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Index 1:No.1, 2:No.2"

::= { ppMxcsIndvEntry 2 }

ppMxcsAtpcManual OBJECT-TYPE

SYNTAX	INTEGER (0..2)
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ATPC MANUAL CONTROL 0:INVALID, 2:MANUAL, 1:AUTO if This item is MANUAL(1) ,ppMxcsTxPower is used.

FLAG=TRAP|EVLOG
LOGITEM='ATPC MANUAL'
LOGSTATUS='INVALID(0),OFF(1),ON(2)'
LOGFLAG='LII_I_SYSTEM'
TRAP=eventTrapPpMxAtpcManual"

::= { ppMxcsIndvEntry 3 }

ppMxcsTxPower OBJECT-TYPE

SYNTAX	INTEGER
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"TX POWER"

Range:ppMxpdITxPwrCtrlAtpcMaxValue,ppMxpdITxPwrCtrlAtpcMinValue

if ppMxcsAtpcManual is AUTO(0), This value is ignored.

FLAG=TRAP|EVLOG
LOGITEM='TX POWER [dB]'
LOGSTATUS='%d'
LOGFLAG='LII_S_DEC|LII_I_SYSTEM'
TRAP=eventTrapPpMxTxPower"

::= { ppMxcsIndvEntry 4 }

ppMxcsCw OBJECT-TYPE

SYNTAX	OffOn01Value
ACCESS	read-only
STATUS	mandatory

DESCRIPTION "Carrier Wave CONTROL 0:INVALID, 1:OFF, 2:ON

FLAG=TRAP|EVLOG
LOGITEM='CW '
LOGSTATUS='INVALID(0),OFF(1),ON(2)'
LOGFLAG='LII_I_SYSTEM'
TRAP=eventTrapPpMxCw"

::= { ppMxcsIndvEntry 5 }

ppMxcsTxMute OBJECT-TYPE

SYNTAX OffOn01Value

ACCESS read-only

STATUS mandatory

DESCRIPTION "TX MUTE CONTROL 0:INVALID, 1:OFF, 2:ON

FLAG=TRAP|EVLOG
LOGITEM='TX MUTE'
LOGSTATUS='INVALID(0),OFF(1),ON(2)'
LOGFLAG='LII_I_SYSTEM'
TRAP=eventTrapPpMxTxMute"

::= { ppMxcsIndvEntry 6 }

ppMxcsTxMuteReleaseTime OBJECT-TYPE

SYNTAX INTEGER

ACCESS read-only

STATUS mandatory

DESCRIPTION "TX MUTE RELEASE TIME

FLAG=TRAP|EVLOG
LOGITEM='TX MUTE RELEASE TIME[SEC]'
LOGSTATUS='%d'
LOGFLAG='LII_S_DEC|LII_I_NOWRITE_CTRL|LII_I_SYSTEM'
TRAP=eventTrapPpMxTxMuteReleaseTime"

::= { ppMxcsIndvEntry 7 }

ppMxcsIfLB OBJECT-TYPE

SYNTAX OffOn01Value

ACCESS read-only

STATUS mandatory

DESCRIPTION "IF LOOPBACK CONTROL 0:INVALID, 1:OFF, 2:ON

FLAG=TRAP|EVLOG
LOGITEM='IF LOOPBACK'
LOGSTATUS='INVALID(0),OFF(1),ON(2)'
LOGFLAG='LII_I_SYSTEM'
TRAP=eventTrapPpMxIfLB"

::= { ppMxcsIndvEntry 8 }

ppMxcs4PortLanTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxcs4PortLanEntry

ACCESS not-accessible

STATUS mandatory

DESCRIPTION "Control 4PORT LAN Table"

::= { ppMxasControlStatus 4 }

ppMxcs4PortLanEntry OBJECT-TYPE

SYNTAX PpMxcs4PortLanEntry

ACCESS not-accessible

STATUS mandatory

DESCRIPTION "Control 4PORT LAN Table Entry"

INDEX {
ppMxcs4PortLanPasolIndex,
ppMxcs4PortLanIndex

```

    }
    ::= { ppMxcs4PortLanTable 1 }

PpMxcs4PortLanEntry ::= SEQUENCE {
    ppMxcs4PortLanPasoIndex IpAddress,
    ppMxcs4PortLanIndex    INTEGER,
    ppMxcs4PortLanPortReset INTEGER
}

ppMxcs4PortLanPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address Index"
    ::= { ppMxcs4PortLanEntry 1 }

ppMxcs4PortLanIndex OBJECT-TYPE
    SYNTAX      INTEGER {
        port12(1),
        port34(2)
    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Index 4PORT LAN Device
        4PORT LAN1-2(1),
        4PORT LAN3-4(2)
        "
    ::= { ppMxcs4PortLanEntry 2 }

ppMxcs4PortLanPortReset OBJECT-TYPE
    SYNTAX      INTEGER {
        execute(1)
    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "4PORT LAN PORT RESET
        1:EXECUTE
        FLAG=TRAP|EVLOG|FORCED_NTC|NONTC_BT
        LOGITEM='4PORT LAN PORT%s RESET'
        LOGSTATUS='EXECUTE(1)'
        LOGFLAG='LII_I_LAN_RESET'
        TRAP=eventTrapPpMxldu4PortLanPortReset"
    ::= { ppMxcs4PortLanEntry 3 }

ppMxcs2PortLanTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxcs2PortLanEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Control 2PORT LAN Table"
    ::= { ppMxasControlStatus 5 }

ppMxcs2PortLanEntry OBJECT-TYPE
    SYNTAX      PpMxcs2PortLanEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Control 2PORT LAN Table Entry"
    INDEX      {
        ppMxcs2PortLanPasoIndex,
        ppMxcs2PortLanIndex
    }
    ::= { ppMxcs2PortLanTable 1 }

PpMxcs2PortLanEntry ::= SEQUENCE {

```

```

        ppMxcs2PortLanPasoIndex IpAddress,
        ppMxcs2PortLanIndex      INTEGER,
        ppMxcs2PortLanPortReset  INTEGER
    }

```

ppMxcs2PortLanPasoIndex OBJECT-TYPE

```

    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address Index"
    ::= { ppMxcs2PortLanEntry 1 }

```

ppMxcs2PortLanIndex OBJECT-TYPE

```

    SYNTAX      INTEGER {
                                port1(1),
                                port2(2)
                            }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Index 2PORT LAN Device
                2PORT LAN1(1),
                2PORT LAN2(2)
                "
    ::= { ppMxcs2PortLanEntry 2 }

```

ppMxcs2PortLanPortReset OBJECT-TYPE

```

    SYNTAX      INTEGER {
                                execute(1)
                            }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "2PORT LAN PORT RESET
                1:EXECUTE
                FLAG=TRAP|EVLOG|FORCED_NTC
                LOGITEM='2PORT LAN PORT%d RESET'
                LOGSTATUS='EXECUTE(1)'
                LOGFLAG='LII_I_TABIX'
                TRAP=eventTrapPpMxIdu2PortLanPortReset"
    ::= { ppMxcs2PortLanEntry 3 }

```

ppMxasEquipmentStatus OBJECT IDENTIFIER

```

    ::= { ppMxAlarmStatusInfo 2 }

```

ppMxesMaintTable OBJECT-TYPE

```

    SYNTAX      SEQUENCE OF PpMxesMaintEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION "Equipment Status Maint Table"
    ::= { ppMxasEquipmentStatus 1 }

```

ppMxesMaintEntry OBJECT-TYPE

```

    SYNTAX      PpMxesMaintEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION "Equipment Status Maint Table Entry"
    INDEX      {
                    ppMxesCmnMaintPasoIndex
                }
    ::= { ppMxesMaintTable 1 }

```

PpMxesMaintEntry ::= SEQUENCE {

```

        ppMxesCmnMaintPasoIndex IpAddress,
        ppMxesMaint              OffOn01Value
    }

```

```

    }
ppMxesCmnMaintPasolIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address Index"
    ::= { ppMxesMaintEntry 1 }

ppMxesMaint OBJECT-TYPE
    SYNTAX      OffOn01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "MAINT CONTROL
                0:INVALID, 1:OFF, 2:ON

                FLAG=TRAP|EVLOG
                LOGITEM='MAINT'
                LOGSTATUS='INVALID(0),OFF(1),ON(2)'
                TRAP=eventTrapPpMxEquipmentMaint"
    ::= { ppMxesMaintEntry 2 }

ppMxesSupportabilityTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxesSupportabilityEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Equipment Status Supportability Table"
    ::= { ppMxasEquipmentStatus 2 }

ppMxesSupportabilityEntry OBJECT-TYPE
    SYNTAX      PpMxesSupportabilityEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "Equipment Status Supportability Table Entry"
    INDEX      {
                ppMxesSupportabilityPasolIndex,
                ppMxesSupportabilityIndex
            }
    ::= { ppMxesSupportabilityTable 1 }

PpMxesSupportabilityEntry ::= SEQUENCE {
    ppMxesSupportabilityPasolIndex  IpAddress,
    ppMxesSupportabilityIndex      INTEGER,
    ppMxesSupportability            INTEGER
}

ppMxesSupportabilityPasolIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address Index"
    ::= { ppMxesSupportabilityEntry 1 }

ppMxesSupportabilityIndex OBJECT-TYPE
    SYNTAX      INTEGER ( 1..3 )
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION " Supportability Index
                1:4PLAN
                2:20E1
                3:RMON"
    ::= { ppMxesSupportabilityEntry 2 }

```


ppMxesSupportability OBJECT-TYPE

SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Supportability
 2:SUPPORTABLE
 1:UNSUPPORTABLE
 0:INVALID"

::= { ppMxesSupportabilityEntry 3 }

ppMxesComTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxesComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Equipment Status Common Table"

::= { ppMxesEquipmentStatus 3 }

ppMxesComEntry OBJECT-TYPE

SYNTAX PpMxesComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Equipment Status Common Table Entry"

INDEX {
 ppMxesComPasolIndex
 }

::= { ppMxesComTable 1 }

PpMxesComEntry ::= SEQUENCE {

ppMxesComPasolIndex IpAddress,
 ppMxesInsertedModule INTEGER,
 ppMxesEquipment INTEGER,
 ppMxesModuleDetected OffOn01Value
 }

ppMxesComPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"

::= { ppMxesComEntry 1 }

ppMxesInsertedModule OBJECT-TYPE

SYNTAX INTEGER (0..13)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "INSERTED MODULE
 0:INVALID
 1:2M INTFC-M(32*2M) + BLANK
 2:2M INTFC-M(32*2M) + 2M INTFC-S
 3:2M INTFC-M(32*2M) + LAN INTFC-S
 4:BLANK + LAN INTFC-S
 5:LAN INTFC-M + BLANK
 6:LAN INTFC-M + 2M INTFC-S
 7:LAN INTFC-M + LAN INTFC-S
 8:2M INTFC-M(20*2M) + BLANK
 9:2M INTFC-M(20*2M) + LAN INTFC-S
 10:TNS CARD + BLANK
 11:TNS CARD + LAN INTFC-S
 12:PNMS CARD+ BLANK
 13:PNMS CARD+ LAN INTFC-S

FLAG=TRAP|EVLOG
 LOGITEM='INSERTED MODULE'

```

LOGSTATUS='CHANGED'
TRAP=eventTrapPpMxInsertedModule"

::= { ppMxesComEntry 2 }

ppMxesEquipment OBJECT-TYPE
    SYNTAX          INTEGER
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "EQUIPMENT
                    0:INVALID
                    1:Global/1+0
                    2:Global/1+1
                    3:Global/20*E1/1+0
                    4:Global/20*E1/1+1
                    5:BT/4*E1/1+0
                    6:BT/20*E1/1+0"

::= { ppMxesComEntry 3 }

ppMxesModuleDetected OBJECT-TYPE
    SYNTAX          OffOn01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "MODULE DETECTED
                    0:INVALID, 1:OFF, 2:ON

                    FLAG=TRAPIEVLOG
                    LOGITEM='MODULE DETECTED'
                    LOGSTATUS='INVALID(0),OFF(1),ON(2)'
                    TRAP=eventTrapPpMxModuleDetected"

::= { ppMxesComEntry 4 }

ppMxasOduStatus OBJECT IDENTIFIER
::= { ppMxAlarmStatusInfo 3 }

ppMxosIndvTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxosIndvEntry
    ACCESS           not-accessible
    STATUS           mandatory
    DESCRIPTION      "ODU Status No.1/No.2 Table"
::= { ppMxasOduStatus 1 }

ppMxosIndvEntry OBJECT-TYPE
    SYNTAX          PpMxosIndvEntry
    ACCESS           not-accessible
    STATUS           mandatory
    DESCRIPTION      "ODU Status No.1/No.2 Table Entry"
    INDEX           {
                    ppMxosIndvPasoIndex,
                    ppMxosIndvIndex
                    }

::= { ppMxosIndvTable 1 }

PpMxosIndvEntry ::= SEQUENCE {
    ppMxosIndvPasoIndex  IpAddress,
    ppMxosIndvIndex      INTEGER,
    ppMxosTxPowerAlm     NormalAlarm01Value,
    ppMxosTxInputAlm     NormalAlarm01Value,
    ppMxosRxLevelAlm     NormalAlarm01Value,
    ppMxosApcAlm         NormalAlarm01Value,
    ppMxosOduCpuAlm      NormalAlarm01Value
}

ppMxosIndvPasoIndex OBJECT-TYPE

```

SYNTAX IpAddress
ACCESS read-only
STATUS mandatory
DESCRIPTION "Pasolink IP Address Index"
::= { ppMxosIndvEntry 1 }

ppMxosIndvIndex OBJECT-TYPE

SYNTAX INTEGER {
 no1(1),
 no2(2)
 }
ACCESS read-only
STATUS mandatory
DESCRIPTION "Index
 1:No.1, 2:No.2"
::= { ppMxosIndvEntry 2 }

ppMxosTxPowerAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
ACCESS read-only
STATUS mandatory
DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='TX POWER'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_SYSTEM'
 TRAP=alarmTrapPpMxOduTxPower"
::= { ppMxosIndvEntry 3 }

ppMxosTxInputAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
ACCESS read-only
STATUS mandatory
DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='TX INPUT'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_SYSTEM'
 TRAP=alarmTrapPpMxOduTxInput"
::= { ppMxosIndvEntry 4 }

ppMxosRxLevelAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
ACCESS read-only
STATUS mandatory
DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='RX LEVEL'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_SYSTEM'
 TRAP=alarmTrapPpMxOduRxLevel"
::= { ppMxosIndvEntry 5 }

ppMxosApcAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
ACCESS read-only
STATUS mandatory
DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='APC'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_SYSTEM'
 TRAP=alarmTrapPpMxOduApc"

::= { ppMxosIndvEntry 6 }

ppMxosOduCpuAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='ODU CPU'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_SYSTEM'
 TRAP=alarmTrapPpMxOduCpuAlm"

::= { ppMxosIndvEntry 7 }

ppMxasIduStatus OBJECT IDENTIFIER

::= { ppMxAlarmStatusInfo 4 }

ppMxasIduStatusCom OBJECT IDENTIFIER

::= { ppMxasIduStatus 1 }

ppMxisComTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxisComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "IDU Status Common Table"
 ::= { ppMxasIduStatusCom 1 }

ppMxisComEntry OBJECT-TYPE

SYNTAX PpMxisComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "IDU Status Common Table Entry"
 INDEX {
 ppMxisComPasolIndex
 }
 ::= { ppMxisComTable 1 }

PpMxisComEntry ::= SEQUENCE {

ppMxisComPasolIndex IpAddress,
 ppMxisConfigDataInvalid INTEGER,
 ppMxisConfigDataUp INTEGER,
 ppMxisCalendarAlm NormalAlarm01Value,
 ppMxisMainBoardAlm NormalAlarm01Value,
 ppMxisCpuSubAlm NormalAlarm01Value,
 ppMxisLanIntfcMAIm NormalAlarm01Value,
 ppMxisLanIntfcSAlm NormalAlarm01Value,
 ppMxisTnsCard INTEGER
 }

ppMxisComPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxisComEntry 1 }

ppMxisConfigDataInvalid OBJECT-TYPE

SYNTAX INTEGER (0..1)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "CONFIG DATA INVALID 0:INVALID, 1:VALID
 FLAG=TRAP|EVLOG
 LOGITEM='EQUIPMENT CONFIGURATION DATA'

```

LOGSTATUS='INVALID(0),VALID(1)'
TRAP=eventTrapPpMxConfigDataInvalid"

::= { ppMxisComEntry 2 }

ppMxisConfigDataUp OBJECT-TYPE
    SYNTAX          INTEGER {
                        update(1)
                    }
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "CONFIG DATA UP FLG 1:UPDATE
                    FLAG=TRAP|EVLOG
                    LOGITEM='EQUIPMENT CONFIGURATION DATA'
                    LOGSTATUS='UPDATED(1)'
                    LOGFLAG='LII_I_UPDATE_ONLY'
                    TRAP=eventTrapPpMxConfigDataUp"

::= { ppMxisComEntry 3 }

ppMxisCalendarAlm OBJECT-TYPE
    SYNTAX          NormalAlarm01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "0:INVALID, 1:NORMAL, 2:ALARM
                    FLAG=TRAP|EVLOG
                    LOGITEM='CALENDAR ALM'
                    LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                    TRAP=alarmTrapPpMxCalendar"

::= { ppMxisComEntry 4 }

ppMxisMainBoardAlm OBJECT-TYPE
    SYNTAX          NormalAlarm01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "0:INVALID, 1:NORMAL, 2:ALARM
                    FLAG=TRAP|EVLOG
                    LOGITEM='MAIN BOARD'
                    LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                    TRAP=alarmTrapPpMxIduMainBoardAlm"

::= { ppMxisComEntry 5 }

ppMxisCpuSubAlm OBJECT-TYPE
    SYNTAX          NormalAlarm01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "CPU(SUB) 0:INVALID, 1:NORMAL, 2:ALARM
                    FLAG=TRAP|EVLOG
                    LOGITEM='CPU(SUB)'
                    LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                    TRAP=alarmTrapPpMxIduCpuSubAlm"

::= { ppMxisComEntry 6 }

ppMxisLanIntfcMAIm OBJECT-TYPE
    SYNTAX          NormalAlarm01Value
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "0:INVALID, 1:NORMAL, 2:ALARM
                    FLAG=TRAP|EVLOG|NONTC_BT
                    LOGITEM='INTFC-M'
                    LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                    TRAP=alarmTrapPpMxIduLanIntfcMAIm"

::= { ppMxisComEntry 7 }

ppMxisLanIntfcSAIm OBJECT-TYPE

```

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='INTFC-S'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 TRAP=alarmTrapPpMxIduLanIntfcSAIm"

::= { ppMxisComEntry 8 }

ppMxisTnsCard OBJECT-TYPE

SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG|NONTC_GROBAL
 LOGITEM='TNS/PNMS CARD'
 LOGSTATUS='NORMAL(0),ALARM(1)'
 TRAP=alarmTrapPpMxIduTnsCard"

::= { ppMxisComEntry 9 }

ppMxisChTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxisChEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "IDU Status Ch Table"

::= { ppMxasIduStatus 2 }

ppMxisChEntry OBJECT-TYPE

SYNTAX PpMxisChEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "IDU Status Ch Table Entry"
 INDEX {
 ppMxisChPasolIndex,
 ppMxisChIndex
 }

::= { ppMxisChTable 1 }

PpMxisChEntry ::= SEQUENCE {

ppMxisChPasolIndex IpAddress,
 ppMxisChIndex INTEGER,
 ppMxisInputLoss NormalAlarm01Value,
 ppMxisAisGenerated NormalGen01Value,
 ppMxisAisReceived NormalRcvd01Value,
 ppMxisOutputLoss NormalAlarm01Value,
 ppMxisUsageError NormalAlarm01Value
 }

ppMxisChPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"

::= { ppMxisChEntry 1 }

ppMxisChIndex OBJECT-TYPE

SYNTAX INTEGER(1..40)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Index CH
 1:CH1,2:CH2,...,40:CH40"

::= { ppMxisChEntry 2 }

ppMxisInputLoss OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"INPUT LOSS 0:INVALID, 1:NORMAL, 2:ALARM FLAG=EVLOG LOGITEM='CH%d INPUT LOSS' LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)' LOGFLAG='LII_I_TABIX' TRAP=alarmTrapPpMxIduInputLoss"

::= { ppMxisChEntry 3 }

ppMxisAisGenerated OBJECT-TYPE

SYNTAX	NormalGen01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"AIS GENERATED 0:INVALID, 1:NORMAL, 2:GENERATED FLAG=EVLOG LOGITEM='CH%d AIS GENERATED' LOGSTATUS='INVALID(0),NORMAL(1),GENERATED(2)' LOGFLAG='LII_I_TABIX LII_T_STATUS' TRAP=eventTrapPpMxIduAisGenerated"

::= { ppMxisChEntry 4 }

ppMxisAisReceived OBJECT-TYPE

SYNTAX	NormalRcvd01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"AIS RECEIVED 0:INVALID, 1:NORMAL, 2:RECEIVED FLAG=EVLOG LOGITEM='CH%d AIS RECEIVED' LOGSTATUS='INVALID(0),NORMAL(1),RECEIVED(2)' LOGFLAG='LII_I_TABIX LII_T_AIS_RCVD' TRAP=statusTrapPpMxAisReceived"

::= { ppMxisChEntry 5 }

ppMxisOutputLoss OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"OUTPUT LOSS 0:INVALID,1:NORMAL,2:ALARM FLAG=EVLOG LOGITEM='CH%d OUTPUT LOSS' LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)' LOGFLAG='LII_I_TABIX' TRAP=alarmTrapPpMxIduOutputLoss"

::= { ppMxisChEntry 6 }

ppMxisUsageError OBJECT-TYPE

SYNTAX	NormalAlarm01Value
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"USAGE ERROR 0:INVALID, 1:NORMAL,2:ALARM FLAG=TRAP EVLOG LOGITEM='CH%d USAGE ERROR' LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)' LOGFLAG='LII_I_TABIX' TRAP=alarmTrapPpMxIduUsageError"

::= { ppMxisChEntry 7 }

ppMxisIndvTable OBJECT-TYPE

SYNTAX	SEQUENCE OF PpMxisIndvEntry
ACCESS	not-accessible

STATUS mandatory
 DESCRIPTION "IDU Status No.1/No.2 Table"
 ::= { ppMxasIduStatus 3 }

ppMxisIndvEntry OBJECT-TYPE

SYNTAX PpMxisIndvEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "IDU Status No.1/No.2 Table Entry"
 INDEX {
 ppMxisIndvPasoIndex,
 ppMxisIndvIndex
 }
 ::= { ppMxisIndvTable 1 }

PpMxisIndvEntry ::= SEQUENCE {

ppMxisIndvPasoIndex IpAddress,
 ppMxisIndvIndex INTEGER,
 ppMxisHighBerAlm NormalAlarm01Value,
 ppMxisLowBerAlm NormalAlarm01Value,
 ppMxisLof NormalAlarm01Value,
 ppMxisModAlm NormalAlarm01Value,
 ppMxisIfCableShortAlm NormalAlarm01Value,
 ppMxisDemAlm NormalAlarm01Value,
 ppMxisPsAlm NormalAlarm01Value,
 ppMxisModemAlm NormalAlarm01Value
 }

ppMxisIndvPasoIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxisIndvEntry 1 }

ppMxisIndvIndex OBJECT-TYPE

SYNTAX INTEGER {
 no1(1),
 no2(2)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Index
 1:No.1, 2:No.2"
 ::= { ppMxisIndvEntry 2 }

ppMxisHighBerAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='HIGH BER'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_SYSTEM'
 TRAP=alarmTrapPpMxIduHighBerAlm"
 ::= { ppMxisIndvEntry 3 }

ppMxisLowBerAlm OBJECT-TYPE

SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "0:INVALID, 1:NORMAL, 2:ALARM"


```

                                FLAG=TRAP|EVLOG
                                LOGITEM='LOW BER'
                                LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                                LOGFLAG='LII_I_SYSTEM'
                                TRAP=alarmTrapPpMxIduLowBerAlm"

 ::= { ppMxisIndvEntry 4 }

ppMxisLof OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:NORMAL, 2:ALARM
                                FLAG=TRAP|EVLOG
                                LOGITEM='LOF'
                                LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                                LOGFLAG='LII_I_SYSTEM'
                                TRAP=alarmTrapPpMxIduLof"

 ::= { ppMxisIndvEntry 5 }

ppMxisModAlm OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:NORMAL, 2:ALRM
                                FLAG=TRAP|EVLOG
                                LOGITEM='MOD'
                                LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                                LOGFLAG='LII_I_SYSTEM'
                                TRAP=alarmTrapPpMxIduModAlm"

 ::= { ppMxisIndvEntry 6 }

ppMxisIfCableShortAlm OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:NORMAL, 2:ALARM
                                FLAG=TRAP|EVLOG
                                LOGITEM='IF CABLE SHORT'
                                LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                                LOGFLAG='LII_I_SYSTEM'
                                TRAP=alarmTrapPpMxIdulfCableShort"

 ::= { ppMxisIndvEntry 7 }

ppMxisDemAlm OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:NORMAL, 2:ALARM
                                FLAG=TRAP|EVLOG
                                LOGITEM='DEM'
                                LOGSTATUS='NORMAL(0),ALARM(1)'
                                LOGFLAG='LII_I_SYSTEM'
                                TRAP=alarmTrapPpMxIduDemAlm"

 ::= { ppMxisIndvEntry 8 }

ppMxisPsAlm OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:NORMAL, 2:ALARM
                                FLAG=TRAP|EVLOG
                                LOGITEM='POWER SUPPLY'
                                LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'

```

```

LOGFLAG='LII_I_SYSTEM|LII_I_ZERO'
TRAP=alarmTrapPpMxIduPsAlm"

::= { ppMxisIndvEntry 9 }

ppMxisModemAlm OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:NORMAL, 2:ALARM
                  FLAG=TRAP|EVLOG
                  LOGITEM='MODEM'
                  LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                  LOGFLAG='LII_I_SYSTEM'
                  TRAP=alarmTrapPpMxIduModemAlm"

::= { ppMxisIndvEntry 10 }

ppMxis4pLanTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxis4pLanEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "4Port LAN Table"
    ::= { ppMxasIduStatus 4 }

ppMxis4pLanEntry OBJECT-TYPE
    SYNTAX      PpMxis4pLanEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "4Port LAN Table Entry"
    INDEX       {
                                ppMxis4pLanPasoIndex,
                                ppMxis4pLanIndex
                        }

::= { ppMxis4pLanTable 1 }

PpMxis4pLanEntry ::= SEQUENCE {
                                ppMxis4pLanPasoIndex      IpAddress,
                                ppMxis4pLanIndex           INTEGER,
                                ppMxis4pLanLink            INTEGER,
                                ppMxis4pLanCollision       INTEGER,
                                ppMxis4pLanPortSpeedDuplex INTEGER,
                                ppMxis4pLanLinkLosForwarding INTEGER
                        }

ppMxis4pLanPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxis4pLanEntry 1 }

ppMxis4pLanIndex OBJECT-TYPE
    SYNTAX      INTEGER {
                                port1(1),
                                port2(2),
                                port3(3),
                                port4(4)
                        }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "4P LAN INDEX"
    ::= { ppMxis4pLanEntry 2 }

ppMxis4pLanLink OBJECT-TYPE

```

SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORTx LINK(4P) 0:INVALID, 1:LINK, 2:ALARM
 FLAG=TRAP|EVLOG|NONTC_BT
 LOGITEM='PORT%d LINK(4P)'
 LOGSTATUS='INVALID(0),LINK(1),ALARM(2)'
 LOGFLAG='LII_I_TABIX'
 TRAP=alarmTrapPpMxIdu4pLanLink"
 ::= { ppMxis4pLanEntry 3 }

ppMxis4pLanCollision OBJECT-TYPE
 SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORTx COLLISION(4P) 0:INVALID, 1:NORMAL, 2:COLLISION
 FLAG=TRAP|EVLOG|NONTC_BT
 LOGITEM='PORT%d COLLISION(4P)'
 LOGSTATUS='INVALID(0),NORMAL(1),COLLISION(2)'
 LOGFLAG='LII_I_TABIX|LII_T_STATUS'
 TRAP=eventTrapPpMxIdu4pLanCollision"
 ::= { ppMxis4pLanEntry 4 }

ppMxis4pLanPortSpeedDuplex OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORT SPEED & DUPLEX(4P)
 0:INVALID
 1:10M-HALF(MDI)
 2:10M-FULL(MDI)
 3:100M-HALF(MDI)
 4:100M-FULL(MDI)
 5:10M-HALF(MDIX)
 6:10M-FULL(MDIX)
 7:100M-HALF(MDIX)
 8:100M-FULL(MDIX)
 FLAG=TRAP|EVLOG|NONTC_BT
 LOGITEM='PORT%d SPEED & DUPLEX(4P)'
 LOGSTATUS='INVALID(0),10M-HALF(MDI)(1),10M-FULL(MDI)(2),100M-HALF(MDI)(3),100M-FULL(MDI)(4),100M-HALF(MDIX)(5),10M-FULL(MDIX)(6),100M-HALF(MDIX)(7),100M-FULL(MDIX)(8)'
 LOGFLAG='LII_I_TABIX'
 TRAP=eventTrapPpMxIdu4pLanPortSpeedDuplex"
 ::= { ppMxis4pLanEntry 5 }

ppMxis4pLanLinkLosForwarding OBJECT-TYPE
 SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORTx LINK LOSS FORWARDING 0:INVALID, 1:NORMAL, 2:UNDER
 EXECUTION
 FLAG=TRAP|EVLOG|NONTC_BT
 LOGITEM='PORT%d LINK LOSS FORWARDING(4P)'
 LOGSTATUS='INVALID(0), NORMAL(1), UNDER EXECUTION(2)'
 LOGFLAG='LII_I_TABIX|LII_T_STATUS'
 TRAP=eventTrapPpMxIdu4pLanLinkLosForwarding"
 ::= { ppMxis4pLanEntry 6 }

ppMxis2pLanTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PpMxis2pLanEntry
 ACCESS not-accessible

STATUS mandatory
 DESCRIPTION "2Port LAN Table"
 ::= { ppMxaslduStatus 5 }

ppMxis2pLanEntry OBJECT-TYPE

SYNTAX PpMxis2pLanEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "2Port LAN Table Entry"
 INDEX {
 ppMxis2pLanPasoIndex,
 ppMxis2pLanIndex
 }
 ::= { ppMxis2pLanTable 1 }

PpMxis2pLanEntry ::= SEQUENCE {

ppMxis2pLanPasoIndex IpAddress,
 ppMxis2pLanIndex INTEGER,
 ppMxis2pLanLink INTEGER,
 ppMxis2pLanCollision INTEGER,
 ppMxis2pLanPortSpeedDuplex INTEGER,
 ppMxis2pLanLinkLosForwarding INTEGER
 }

ppMxis2pLanPasoIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxis2pLanEntry 1 }

ppMxis2pLanIndex OBJECT-TYPE

SYNTAX INTEGER {
 port1(1),
 port2(2)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2P LAN INDEX"
 ::= { ppMxis2pLanEntry 2 }

ppMxis2pLanLink OBJECT-TYPE

SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORTx LINK(2P) 0:INVALID, 1:LINK, 2:ALARM
 FLAG=TRAP|EVLOG
 LOGITEM='PORT%d LINK(2P)'
 LOGSTATUS='INVALID(0),LINK(1),ALARM(2)'
 LOGFLAG='LII_I_TABIX'
 TRAP=alarmTrapPpMxldu2pLanLink"
 ::= { ppMxis2pLanEntry 3 }

ppMxis2pLanCollision OBJECT-TYPE

SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORTx COLLISION(2P) 0:INVALID, 1:NORMAL, 2:COLLISION
 FLAG=TRAP|EVLOG
 LOGITEM='PORT%d COLLISION(2P)'
 LOGSTATUS='INVALID(0),NORMAL(1),COLLISION(2)'
 LOGFLAG='LII_I_TABIX|LII_T_STATUS'
 TRAP=eventTrapPpMxldu2pLanCollision"

```
::= { ppMxis2pLanEntry 4 }
```

```
ppMxis2pLanPortSpeedDuplex OBJECT-TYPE
```

```
SYNTAX INTEGER
```

```
ACCESS read-only
```

```
STATUS mandatory
```

```
DESCRIPTION "PORT SPEED & DUPLEX(2P)
```

```
0:INVALID
```

```
1:10M-HALF(MDI)
```

```
2:10M-FULL(MDI)
```

```
3:100M-HALF(MDI)
```

```
4:100M-FULL(MDI)
```

```
5:10M-HALF(MDIX)
```

```
6:10M-FULL(MDIX)
```

```
7:100M-HALF(MDIX)
```

```
8:100M-FULL(MDIX)
```

```
FLAG=TRAP|EVLOG
```

```
LOGITEM='PORT%d SPEED & DUPLEX(2P)'
```

```
LOGSTATUS='INVALID(0),10M-HALF(MDI)(1),10M-FULL(MDI)(2),100M-HALF(MDI)(3),100M-FULL(MDI)(4),100M-HALF(MDIX)(5),10M-FULL(MDIX)(6),100M-HALF(MDIX)(7),100M-FULL(MDIX)(8)'
```

```
LOGFLAG='LII_I_TABIX'
```

```
TRAP=eventTrapPpMxIdu2pLanPortSpeedDuplex"
```

```
::= { ppMxis2pLanEntry 5 }
```

```
ppMxis2pLanLinkLosForwarding OBJECT-TYPE
```

```
SYNTAX INTEGER ( 0..2 )
```

```
ACCESS read-only
```

```
STATUS mandatory
```

```
DESCRIPTION "PORTx LINK LOSS FORWARDING 0:INVALID, 1:NORMAL, 2:UNDER
```

```
EXECUTION
```

```
FLAG=TRAP|EVLOG
```

```
LOGITEM='PORT%d LINK LOSS FORWARDING(2P)'
```

```
LOGSTATUS='INVALID(0), NORMAL(1), UNDER EXECUTION(2)'
```

```
LOGFLAG='LII_I_TABIX|LII_T_STATUS'
```

```
TRAP=eventTrapPpMxIdu2pLanLinkLosForwarding"
```

```
::= { ppMxis2pLanEntry 6 }
```

```
-----  
-- ppMxEquipmentConfigInfo Group Definitions  
-----
```

```
ppMxeciIndvTable OBJECT-TYPE
```

```
SYNTAX SEQUENCE OF PpMxeciIndvEntry
```

```
ACCESS not-accessible
```

```
STATUS mandatory
```

```
DESCRIPTION "Equipment Config No.1/No.2 Table"
```

```
::= { ppMxEquipmentConfigInfo 1 }
```

```
ppMxeciIndvEntry OBJECT-TYPE
```

```
SYNTAX PpMxeciIndvEntry
```

```
ACCESS not-accessible
```

```
STATUS mandatory
```

```
DESCRIPTION "Equipment Config No.1/No.2 Table Entry"
```

```
INDEX {  
ppMxeciIndvPasoIndex,  
ppMxeciIndvIndex  
}
```

```
::= { ppMxeciIndvTable 1 }
```

```
PpMxeciIndvEntry ::= SEQUENCE {
```

```
ppMxeciIndvPasoIndex IpAddress,
```

```

                                ppMxeciIndvIndex    INTEGER,
                                ppMxeciFrameId       INTEGER
                                }

ppMxeciIndvPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxeciIndvEntry 1 }

ppMxeciIndvIndex OBJECT-TYPE
    SYNTAX      INTEGER {
                                no1(1),
                                no2(2)
                            }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Index
                                1:No.1, 2:No.2"
    ::= { ppMxeciIndvEntry 2 }

ppMxeciFrameId OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "1:ID1, 2:ID2, .. 32:ID32
                                0:Invalid
                                FLAG=BITCNT(8)"
    ::= { ppMxeciIndvEntry 3 }

ppMxeciCmnInfo OBJECT IDENTIFIER
    ::= { ppMxEquipmentConfigInfo 2 }

ppMxeciCmnTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxeciCmnEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION  "Equipment Config Common Table"
    ::= { ppMxeciCmnInfo 1 }

ppMxeciCmnEntry OBJECT-TYPE
    SYNTAX      PpMxeciCmnEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION  "Equipment Config Common Table Entry"
    INDEX      {
                                ppMxeciCmnPasoIndex
                            }
    ::= { ppMxeciCmnTable 1 }

PpMxeciCmnEntry ::= SEQUENCE {
                                ppMxeciCmnPasoIndex    IpAddress,
                                ppMxeciSystemConfiguration    INTEGER,
                                ppMxeciTxPwrCtrl            INTEGER,
                                ppMxeciTransmissionCapacity    INTEGER,
                                ppMxeciIntfcModuleConfiguration    INTEGER,
                                ppMxeciModulation            INTEGER,
                                ppMxeciOduType                INTEGER
                            }

ppMxeciCmnPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only

```

STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxeciCmnEntry 1 }

ppMxeciSystemConfiguration OBJECT-TYPE
 SYNTAX INTEGER (1..6)

ACCESS read-only
 STATUS mandatory
 DESCRIPTION "1:1+0(BT 4*2M),
 2:1+0(BT 20*2M),
 3:1+0,
 4:HS(1+1),
 5:TWIN PATH (1+1)
 6:1+0(Expandable),
 FLAG=BITCNT(8)"
 ::= { ppMxeciCmnEntry 2 }

ppMxeciTxFwrCtrl OBJECT-TYPE
 SYNTAX INTEGER {
 mtpc(1),
 atpc(2)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "1:MTPC, 2:ATPC
 FLAG=BITCNT(8)"
 ::= { ppMxeciCmnEntry 3 }

ppMxeciTransmissionCapacity OBJECT-TYPE
 SYNTAX INTEGER (1..5)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "TRANSMISSION CAPACITY
 1:10 Mbps
 2:20 Mbps
 3:40 Mbps
 4:80 Mbps
 5:10 Mbps(FIX)
 FLAG=BITCNT(8)"
 ::= { ppMxeciCmnEntry 4 }

ppMxeciIntfcModuleConfiguration OBJECT-TYPE
 SYNTAX INTEGER (0..13)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "INTFC MODULE CONFIGURATION
 0:INVALID
 1:2M INTFC-M(32*2M) + BLANK
 2:2M INTFC-M(32*2M) + 2M INTFC-S
 3:2M INTFC-M(32*2M) + LAN INTFC-S
 4:BLANK + LAN INTFC-S
 5:LAN INTFC-M + BLANK
 6:LAN INTFC-M + 2M INTFC-S
 7:LAN INTFC-M + LAN INTFC-S
 8:2M INTFC-M(20*2M) + BLANK
 9:2M INTFC-M(20*2M) + LAN INTFC-S
 10:TNS CARD + BLANK
 11:TNS CARD + LAN INTFC-S
 12:PNMS CARD + BLANK
 13:PNMS CARD + LAN INTFC-S

```

                                FLAG=BITCNT(8)"
 ::= { ppMxeciCmnEntry 5 }

ppMxeciModulation OBJECT-TYPE
    SYNTAX          INTEGER ( 1..2 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "MODULATION
                    1:QPSK
                    2:16QAM

                                FLAG=BITCNT(8)"
 ::= { ppMxeciCmnEntry 6 }

ppMxeciOduType OBJECT-TYPE
    SYNTAX          INTEGER ( 1..9 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "ODU TYPE
                    1:PASO TYPE
                    2:PASO+ TYPE-1
                    3:PASO+ TYPE-2
                    4:PASO+ TYPE-3
                    5:PASO+ TYPE-4
                    6:PASO+ TYPE-5
                    7:PASO+ TYPE-6
                    8:PASO+ TYPE-7
                    9:PASO+ TYPE-8

                                FLAG=BITCNT(8)"
 ::= { ppMxeciCmnEntry 7 }

ppMxeciLanInfo OBJECT IDENTIFIER
 ::= { ppMxEquipmentConfigInfo 3 }

ppMxeci2MLanUsageTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxeci2MLanUsageEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "Equipment Config 2M(E1)/ LAN Usage Table"
 ::= { ppMxeciLanInfo 1 }

ppMxeci2MLanUsageEntry OBJECT-TYPE
    SYNTAX          PpMxeci2MLanUsageEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "Equipment Config 2M(E1)/ LAN Usage Table Entry"
    INDEX          {
                                ppMxeci2MLanUsagePasolIndex,
                                ppMxeci2MLanUsageIndex
                    }
 ::= { ppMxeci2MLanUsageTable 1 }

PpMxeci2MLanUsageEntry ::= SEQUENCE {
                                ppMxeci2MLanUsagePasolIndex IpAddress,
                                ppMxeci2MLanUsageIndex      INTEGER,
                                ppMxeci2MLanUsage             INTEGER
                    }

ppMxeci2MLanUsagePasolIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory

```


DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxeci2MLanUsageEntry 1 }

ppMxeci2MLanUsageIndex OBJECT-TYPE
 SYNTAX INTEGER {
 usage1(1),
 usage2(2),
 usage3(3),
 usage4(4),
 usage5(5)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2MLan INDEX
 1:32*2M USAGE (2M INTFC-M)
 2:8*2M USAGE (2M INTFC-S)
 3:20*2M USAGE (2M INTFC-M)
 4:4*2M USAGE
 5:20*2M USAGE
 "
 ::= { ppMxeci2MLanUsageEntry 2 }

ppMxeci2MLanUsage OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "2M / LAN USAGE
 1:USED 2:NOT USED
 This MIB is not Used(Reserved). value is 0 fixed.
 FLAG=BITCNT(8)|CMNBIT"
 ::= { ppMxeci2MLanUsageEntry 3 }

ppMxeci4PortLanTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PpMxeci4PortLanEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Equipment Config 4Port LAN Table"
 ::= { ppMxeciLanInfo 2 }

ppMxeci4PortLanEntry OBJECT-TYPE
 SYNTAX PpMxeci4PortLanEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Equipment Config 4Port LAN Table Entry"
 INDEX {
 ppMxeci4PortLanPasolIndex
 }
 ::= { ppMxeci4PortLanTable 1 }

PpMxeci4PortLanEntry ::= SEQUENCE {
 ppMxeci4PortLanPasolIndex IpAddress,
 ppMxeci4PortLanUsage INTEGER,
 ppMxeci4PortLanRadioMapping INTEGER,
 ppMxeci4PortLan2MCapacity INTEGER
 }

ppMxeci4PortLanPasolIndex OBJECT-TYPE
 SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxeci4PortLanEntry 1 }

ppMxeci4PortLanUsage OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN USAGE (LAN INTFC-M)
 1:USED 2:NOT USED
 This MIB is not Used(Reserved). value is 0 fixed.
 FLAG=BITCNT(8)"
 ::= { ppMxeci4PortLanEntry 2 }

ppMxeci4PortLanRadioMapping OBJECT-TYPE

SYNTAX INTEGER (0..4)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN >> RADIO MAPPING
 0:INVALID
 1:PORT1-4 SHARED/ 1PORT ONLY
 2:PORT1-2 SHARED, PORT3-4 SHARED
 3:PORT1-4 SEPARATED
 4:NOT USED
 FLAG=BITCNT(8)"
 ::= { ppMxeci4PortLanEntry 3 }

ppMxeci4PortLan2MCapacity OBJECT-TYPE

SYNTAX INTEGER (0..80)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "4PORT LAN & 2M CAPACITY
 0:0Mbps-80:80Mbps
 FLAG=BITCNT(8)"
 ::= { ppMxeci4PortLanEntry 4 }

ppMxeci2PortLanTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxeci2PortLanEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Equipment Config 4Port LAN Table"
 ::= { ppMxeciLanInfo 3 }

ppMxeci2PortLanEntry OBJECT-TYPE

SYNTAX PpMxeci2PortLanEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Equipment Config 4Port LAN Table Entry"
 INDEX {
 ppMxeci2PortLanPasolIndex
 }
 ::= { ppMxeci2PortLanTable 1 }

PpMxeci2PortLanEntry ::= SEQUENCE {

ppMxeci2PortLanPasolIndex IpAddress,
 ppMxeci2PortLanUsage INTEGER,
 ppMxeci2PortLanRadioMapping INTEGER,
 ppMxeci2PortLan2MCapacity INTEGER,
 ppMxeci2PortLanScAssignment INTEGER
 }

ppMxeci2PortLanPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"

```
::= { ppMxeci2PortLanEntry 1 }
```

```
ppMxeci2PortLanUsage OBJECT-TYPE
```

```
SYNTAX INTEGER
```

```
ACCESS read-only
```

```
STATUS mandatory
```

```
DESCRIPTION "2PORT LAN USAGE (LAN INTFC-S)
```

```
1:USED 2:NOT USED
```

```
This MIB is not Used(Reserved). value is 0 fixed.
```

```
FLAG=BITCNT(8)"
```

```
::= { ppMxeci2PortLanEntry 2 }
```

```
ppMxeci2PortLanRadioMapping OBJECT-TYPE
```

```
SYNTAX INTEGER ( 0..5 )
```

```
ACCESS read-only
```

```
STATUS mandatory
```

```
DESCRIPTION "2PORT LAN >> RADIO MAPPING
```

```
0:INVALID
```

```
1:PORT1-2 SHARED/ 1PORT ONLY(MAIN)
```

```
2:PORT1-2 SEPARATED(MAIN)
```

```
3:PORT1-2 SHARED/ 1PORT ONLY(SC)
```

```
4:PORT1(MAIN), PORT2(SC)
```

```
5:NOT USED
```

```
FLAG=BITCNT(8)"
```

```
::= { ppMxeci2PortLanEntry 3 }
```

```
ppMxeci2PortLan2MCapacity OBJECT-TYPE
```

```
SYNTAX INTEGER ( 0..80 )
```

```
ACCESS read-only
```

```
STATUS mandatory
```

```
DESCRIPTION "2PORT LAN & 2M CAPACITY
```

```
0:0Mbps-80:80Mbps
```

```
FLAG=BITCNT(8)"
```

```
::= { ppMxeci2PortLanEntry 4 }
```

```
ppMxeci2PortLanScAssignment OBJECT-TYPE
```

```
SYNTAX INTEGER ( 0..2 )
```

```
ACCESS read-only
```

```
STATUS mandatory
```

```
DESCRIPTION "2PORT LAN & SC ASSIGNMENT
```

```
0:INVALID
```

```
1:P1-P2/1P= 64K
```

```
2:P1-P2/1P=128K
```

```
FLAG=BITCNT(8)"
```

```
::= { ppMxeci2PortLanEntry 5 }
```

```
-----  
-- ppMxProvisioningInfo Group Definitions  
-----
```

```
ppMxpdBerInfo OBJECT IDENTIFIER
```

```
::= { ppMxProvisioningInfo 1 }
```

```
ppMxpdBerTable OBJECT-TYPE
```

```
SYNTAX SEQUENCE OF PpMxpdBerEntry
```

```
ACCESS not-accessible
```

```
STATUS mandatory
```

```
DESCRIPTION "BER Table"
```

```
::= { ppMxpdBerInfo 1 }
```

```
ppMxpdBerEntry OBJECT-TYPE
```

```
SYNTAX PpMxpdBerEntry
```

```

ACCESS          not-accessible
STATUS          mandatory
DESCRIPTION     "BER Table Entry"
INDEX          {
                                ppMxpdiBerPasoIndex,
                                ppMxpdiBerIndex
                                }
::= { ppMxpdiBerTable 1 }

PpMxpdiBerEntry ::= SEQUENCE {
                                ppMxpdiBerPasoIndex  IpAddress,
                                ppMxpdiBerIndex       INTEGER,
                                ppMxpdiBerThreshold   INTEGER
                                }

ppMxpdiBerPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxpdiBerEntry 1 }

ppMxpdiBerIndex OBJECT-TYPE
    SYNTAX      INTEGER(1..2)
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "BerIndex
                                high-ber(1),
                                low-ber(2)"
    ::= { ppMxpdiBerEntry 2 }

ppMxpdiBerThreshold OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "BER THRESHOLD
                                0x00:NOT USED
                                0x34:3E-4(high-ber only)
                                0x35:3E-5(high-ber only)
                                0x36:3E-6
                                0x37:3E-7(low-ber only)
                                0x38:3E-8(low-ber only)
                                0x39:3E-9(low-ber only)
                                0xFF:EARLY WARNING(low-ber only)
                                FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
                                LOGITEM='%s'
                                LOGSTATUS='%s'
                                LOGFLAG='LII_I_BER_NAME|LII_S_BER'
                                TRAP=eventTrapPpMxBerThreshold"
    ::= { ppMxpdiBerEntry 3 }

ppMxpdiAisActivationTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxpdiAisActivationEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION  "AIS Activation Table"
    ::= { ppMxpdiBerInfo 2 }

ppMxpdiAisActivationEntry OBJECT-TYPE
    SYNTAX      PpMxpdiAisActivationEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION  "AIS Activation Table Entry"

```

```

INDEX          {
                ppMxpdiAisActivationPasolIndex
                }
 ::= { ppMxpdiAisActivationTable 1 }

PpMxpdiAisActivationEntry ::= SEQUENCE {
                                ppMxpdiAisActivationPasolIndex  IpAddress,
                                ppMxpdiAisActivationCondition    INTEGER
                                }

ppMxpdiAisActivationPasolIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxpdiAisActivationEntry 1 }

ppMxpdiAisActivationCondition OBJECT-TYPE
    SYNTAX      INTEGER ( 0..2 )
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "AIS ACTIVATION CONDITION
                  0:INVALID 1:LOF+HIGH BER 2:LOF
                  FLAG=TRAP|EVLOG|BITCNT(8)
                  LOGITEM='AIS ACTIVATION CONDITION'
                  LOGSTATUS='LOF+HIGH BER(1),LOF(2)'
                  LOGFLAG='LII_I_INVALID_HIDE'
                  TRAP=eventTrapPpMxAisActivationCondition"
    ::= { ppMxpdiAisActivationEntry 2 }

ppMxpdiClusterAlarmTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxpdiClusterAlarmEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION  "CLUSTER ALARM information table"
    ::= { ppMxpdiBerInfo 3 }

ppMxpdiClusterAlarmEntry OBJECT-TYPE
    SYNTAX      PpMxpdiClusterAlarmEntry
    ACCESS      not-accessible
    STATUS      optional
    DESCRIPTION  "CLUSTER ALARM information table entry"
    INDEX      {
                ppMxpdiClusterAlarmPasolIndex,
                ppMxpdiClusterAlarmIndex
                }
    ::= { ppMxpdiClusterAlarmTable 1 }

PpMxpdiClusterAlarmEntry ::= SEQUENCE {
                                ppMxpdiClusterAlarmPasolIndex  IpAddress,
                                ppMxpdiClusterAlarmIndex        INTEGER,
                                ppMxpdiClusterAlarmUsage        INTEGER
                                }

ppMxpdiClusterAlarmPasolIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address index"
    ::= { ppMxpdiClusterAlarmEntry 1 }

ppMxpdiClusterAlarmIndex OBJECT-TYPE
    SYNTAX      INTEGER ( 1..2 )

```

```

ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "ClusterAlarmIndex
              1,2"
::= { ppMxpdiClusterAlarmEntry 2 }

ppMxpdiClusterAlarmUsage OBJECT-TYPE
SYNTAX      INTEGER
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "CLUSTER ALARM SETTING
              0:INVALID 1:ENABLED,2:DISABLED,
              FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
              LOGITEM='CLUSTER ALARM%d SETTING'
              LOGSTATUS='ENABLED(1), DISABLED(2)'
              LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
              TRAP=eventTrapPpMxClusterAlarmUsage"
::= { ppMxpdiClusterAlarmEntry 3 }

ppMxpdiTcnInfo OBJECT IDENTIFIER
::= { ppMxProvisioningInfo 2 }

ppMxpdiTcnTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PpMxpdiTcnEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION  "TCN Table"
::= { ppMxpdiTcnInfo 1 }

ppMxpdiTcnEntry OBJECT-TYPE
SYNTAX      PpMxpdiTcnEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION  "TCN Table Entry"
INDEX       {
              ppMxpdiTcnPasoIndex,
              ppMxpdiTcnItemName
            }
::= { ppMxpdiTcnTable 1 }

PpMxpdiTcnEntry ::= SEQUENCE {
              ppMxpdiTcnPasoIndex  IpAddress,
              ppMxpdiTcnItemName    INTEGER,
              ppMxpdiTcnDailyOccur  INTEGER,
              ppMxpdiTcnDailyRecover INTEGER,
              ppMxpdiTcnWeeklyOccur  INTEGER,
              ppMxpdiTcnWeeklyRecover INTEGER
            }

ppMxpdiTcnPasoIndex OBJECT-TYPE
SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Pasolink IP Address Index"
::= { ppMxpdiTcnEntry 1 }

ppMxpdiTcnItemName OBJECT-TYPE
SYNTAX      INTEGER {
              tcnOFS(1),
              tcnES(2),
              tcnSES(3),
              tcnUAS(4),
              tcnBBE(5)
            }

```

```

    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "TCN NAME"
    ::= { ppMxpdiTcnEntry 2 }

ppMxpdiTcnDailyOccur OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "PMON Threshold: Daily.Occur

    FLAG=TRAP|EVLOG|BITCNT(32)|CMNBIT
    LOGITEM='%s THRESHOLD(15min)OCCURRED'
    LOGSTATUS='%d'
    LOGFLAG='LII_I_PMON_NAME_TOTAL|LII_S_DEC|LII_T_TCN'
    TRAP=eventTrapPpMxTcnDailyOccur"

    ::= { ppMxpdiTcnEntry 3 }

ppMxpdiTcnDailyRecover OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "PMON Threshold: Daily.Recover

    FLAG=TRAP|EVLOG|BITCNT(32)|CMNBIT
    LOGITEM='%s THRESHOLD(15min)RECOVERED'
    LOGSTATUS='%d'
    LOGFLAG='LII_I_PMON_NAME_TOTAL|LII_S_DEC|LII_T_TCN'
    TRAP=eventTrapPpMxTcnDailyRecover"

    ::= { ppMxpdiTcnEntry 4 }

ppMxpdiTcnWeeklyOccur OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "PMON Threshold: weekly.occure

    FLAG=TRAP|EVLOG|BITCNT(32)|CMNBIT
    LOGITEM='%s THRESHOLD(1day)OCCURRED'
    LOGSTATUS='%d'
    LOGFLAG='LII_I_PMON_NAME_TOTAL|LII_S_DEC|LII_T_TCN'
    TRAP=eventTrapPpMxTcnWeeklyOccur"

    ::= { ppMxpdiTcnEntry 5 }

ppMxpdiTcnWeeklyRecover OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "PMON Threshold: weekly.Recover

    FLAG=TRAP|EVLOG|BITCNT(32)|CMNBIT
    LOGITEM='%s THRESHOLD(1day)RECOVERED'
    LOGSTATUS='%d'
    LOGFLAG='LII_I_PMON_NAME_TOTAL|LII_S_DEC|LII_T_TCN'
    TRAP=eventTrapPpMxTcnWeeklyRecover"

    ::= { ppMxpdiTcnEntry 6 }

ppMxpdiTxPwrCtrl OBJECT IDENTIFIER
    ::= { ppMxProvisioningInfo 3 }

```

ppMxpdiTxPwrCtrlIndvTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpdiTxPwrCtrlIndvEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "TX Power Ctrl No.1/No.2 Table"
 ::= { ppMxpdiTxPwrCtrl 1 }

ppMxpdiTxPwrCtrlIndvEntry OBJECT-TYPE

SYNTAX PpMxpdiTxPwrCtrlIndvEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "TX Power Ctrl No.1/No.2 Table Entry"
 INDEX {
 ppMxpdiTxPwrCtrlIndvPasoIndex,
 ppMxpdiTxPwrCtrlIndvIndex
 }
 ::= { ppMxpdiTxPwrCtrlIndvTable 1 }

PpMxpdiTxPwrCtrlIndvEntry ::= SEQUENCE {

ppMxpdiTxPwrCtrlIndvPasoIndex IpAddress,
 ppMxpdiTxPwrCtrlIndvIndex INTEGER,
 ppMxpdiTxPwrCtrlAtpcMax INTEGER,
 ppMxpdiTxPwrCtrlAtpcMin INTEGER,
 ppMxpdiTxPwrCtrlMtpcTxPower INTEGER,
 ppMxpdiTxPwrCtrlRxThresholdLevel INTEGER,
 ppMxpdiTxPwrCtrlAdditionalAtt INTEGER
 }

ppMxpdiTxPwrCtrlIndvPasoIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpdiTxPwrCtrlIndvEntry 1 }

ppMxpdiTxPwrCtrlIndvIndex OBJECT-TYPE

SYNTAX INTEGER {
 no1(1),
 no2(2)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Index
 1:No.1, 2:No.2"
 ::= { ppMxpdiTxPwrCtrlIndvEntry 2 }

ppMxpdiTxPwrCtrlAtpcMax OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Range is ppMxiviOduProvAtpcMax,ppMxiviOduProvAtpcMin
 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='ATPC (MAX) [dB]'
 LOGSTATUS='%d'
 LOGFLAG='LII_S_DEC|LII_I_SYSTEM'
 TRAP=eventTrapPpMxAtpcMax"
 ::= { ppMxpdiTxPwrCtrlIndvEntry 3 }

ppMxpdiTxPwrCtrlAtpcMin OBJECT-TYPE

SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory

DESCRIPTION "Range is ppMxiviOduProvAtpcMax,ppMxiviOduProvAtpcMin

FLAG=TRAP|EVLOG|BITCNT(8)
LOGITEM='ATPC (MIN) [dB]'
LOGSTATUS='%d'
LOGFLAG='LII_S_DEC|LII_I_SYSTEM'
TRAP=eventTrapPpMxAtpcMin"

::= { ppMxpdiTxPwrCtrlIndvEntry 4 }

ppMxpdiTxPwrCtrlMtpcTxPower OBJECT-TYPE

SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION "Range is ppMxiviOduProvMtpcMax,ppMxiviOduProvMtpcMin

FLAG=TRAP|EVLOG|BITCNT(8)
LOGITEM='MTPC TX POWER[dB]'
LOGSTATUS='%d'
LOGFLAG='LII_S_DEC|LII_I_SYSTEM'
TRAP=eventTrapPpMxMtpcTxPower"

::= { ppMxpdiTxPwrCtrlIndvEntry 5 }

ppMxpdiTxPwrCtrlRxThresholdLevel OBJECT-TYPE

SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION "Range is ppMxiviOduProvRxThresholdMax,ppMxiviOduProvRxThresholdMin

FLAG=TRAP|EVLOG|BITCNT(8)
LOGITEM='RX THRESHOLD LEVEL [dBm]'
LOGSTATUS='%d'
LOGFLAG='LII_S_DEC|LII_I_SYSTEM'
TRAP=eventTrapPpMxAtpcRxThresholdLevel"

::= { ppMxpdiTxPwrCtrlIndvEntry 6 }

ppMxpdiTxPwrCtrlAdditionalAtt OBJECT-TYPE

SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION "Additional ATT
"Range is ppMxiviOduProvAdditionalAttMax,ppMxiviOduProvAdditionalAttMin

FLAG=TRAP|EVLOG|BITCNT(8)
LOGITEM='ADDITIONAL ATT[dB]'
LOGSTATUS='%d'
LOGFLAG='LII_S_DEC|LII_I_SYSTEM'
TRAP=eventTrapPpMxAdditionalAtt"

::= { ppMxpdiTxPwrCtrlIndvEntry 7 }

ppMxpdiTxPwrCtrlComTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpdiTxPwrCtrlComEntry
ACCESS not-accessible
STATUS optional
DESCRIPTION "TX Power Ctrl Common Table"

::= { ppMxpdiTxPwrCtrl 2 }

ppMxpdiTxPwrCtrlComEntry OBJECT-TYPE

SYNTAX PpMxpdiTxPwrCtrlComEntry
ACCESS not-accessible
STATUS optional
DESCRIPTION "TX Power Ctrl Common Table Entry"

INDEX {
ppMxpdiTxPwrCtrlComPasolIndex

```

    }
    ::= { ppMxpdiTxPwrCtrlComTable 1 }

PpMxpdiTxPwrCtrlComEntry ::= SEQUENCE {
    ppMxpdiTxPwrCtrlComPasolIndex      IpAddress,
    ppMxpdiTxPwrCtrlOduAlarmMode      INTEGER,
    ppMxpdiTxPwrCtrlTxSwPriority      INTEGER,
    ppMxpdiTxPwrCtrlRxSwPriority      INTEGER
}

ppMxpdiTxPwrCtrlComPasolIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxpdiTxPwrCtrlComEntry 1 }

ppMxpdiTxPwrCtrlOduAlarmMode OBJECT-TYPE
    SYNTAX      INTEGER {
        mute(1),
        max(2),
        min(3),
        hold(4)
    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "ODU ALM MODE
        1:MUTE, 2:MAX, 3:MIN, 4:HOLD
        1:MUTE is prohibited

        FLAG=TRAP|EVLOG|BITCNT(8)
        LOGITEM='ODU ALM MODE'
        LOGSTATUS='MUTE(1), MAX(2), MIN(3), HOLD(4)'
        LOGFLAG='LII_I_SYSTEM'
        TRAP=eventTrapPpMxOduAlarmMode"
    ::= { ppMxpdiTxPwrCtrlComEntry 2 }

ppMxpdiTxPwrCtrlTxSwPriority OBJECT-TYPE
    SYNTAX      INTEGER ( 0..2 )
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "TXSW Priority
        0:INVALID 1:priority NO.1 , 2:non-priority
        FLAG=TRAP|EVLOG|NONTC_10|BITCNT(8)
        LOGITEM='TX SW PRIORITY'
        LOGSTATUS='PRIORITY No.1(1),NON-PRIORITY(2)'
        LOGFLAG='LII_I_INVALID_HIDE|LII_I_ZERO'
        TRAP=eventTrapPpMxTxSwPriority"
    ::= { ppMxpdiTxPwrCtrlComEntry 3 }

ppMxpdiTxPwrCtrlRxSwPriority OBJECT-TYPE
    SYNTAX      INTEGER ( 0..2 )
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "RXSW Priority
        0:INVALID 1:priority NO.1 , 2:non-priority
        FLAG=TRAP|EVLOG|NONTC_10|BITCNT(8)
        LOGITEM='RX SW PRIORITY'
        LOGSTATUS='PRIORITY No.1(1),NON-PRIORITY(2)'
        LOGFLAG='LII_I_INVALID_HIDE|LII_I_ZERO'
        TRAP=eventTrapPpMxRxSwPriority"
    ::= { ppMxpdiTxPwrCtrlComEntry 4 }

```

ppMxpdiMainChSetting OBJECT IDENTIFIER
 ::= { ppMxProvisioningInfo 4 }

ppMxpdiMainChTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PpMxpdiMainChEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "Main Ch Table"
 ::= { ppMxpdiMainChSetting 1 }

ppMxpdiMainChEntry OBJECT-TYPE
 SYNTAX PpMxpdiMainChEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "Main Ch Table Entry"
 INDEX {
 ppMxpdiMainChPasoIndex,
 ppMxpdiMainChIndex
 }
 ::= { ppMxpdiMainChTable 1 }

PpMxpdiMainChEntry ::= SEQUENCE {
 ppMxpdiMainChPasoIndex IpAddress,
 ppMxpdiMainChIndex INTEGER,
 ppMxpdiMainChUsage INTEGER
 }

ppMxpdiMainChPasoIndex OBJECT-TYPE
 SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpdiMainChEntry 1 }

ppMxpdiMainChIndex OBJECT-TYPE
 SYNTAX INTEGER(1..40)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Index CH
 1:CH1,2:CH2,...,40:CH40"
 ::= { ppMxpdiMainChEntry 2 }

ppMxpdiMainChUsage OBJECT-TYPE
 SYNTAX INTEGER (0..3)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "CHANNEL USAGE
 0:INVALID 1:USED,2:NOT USED,3:LAN RESERVED
 FLAG=TRAP|EVLOG|CMNBIT|BITCNT(8)
 LOGITEM='CH%d USAGE '
 LOGSTATUS='USED(1),NOT USED(2),LAN RESERVED(3)'
 LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
 TRAP=eventTrapPpMxMainChUsage"
 ::= { ppMxpdiMainChEntry 3 }

ppMxpdiMainChComTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PpMxpdiMainChComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Main Ch Common Table"
 ::= { ppMxpdiMainChSetting 2 }

ppMxpdiMainChComEntry OBJECT-TYPE

SYNTAX PpMxpdiMainChComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Main Ch Common Table Entry"
 INDEX {
 ppMxpdiMainChComPasoIndex
 }
 ::= { ppMxpdiMainChComTable 1 }

PpMxpdiMainChComEntry ::= SEQUENCE {
 ppMxpdiMainChComPasoIndex IpAddress,
 ppMxpdiMainChAisReceivedReport INTEGER,
 ppMxpdiMainChAisReceivedConditionSetting INTEGER,
 ppMxpdiMainChAisGeneratedReport INTEGER,
 ppMxpdiMainChUsageErrorReport INTEGER
 }

ppMxpdiMainChComPasoIndex OBJECT-TYPE
 SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpdiMainChComEntry 1 }

ppMxpdiMainChAisReceivedReport OBJECT-TYPE
 SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS RECEIVED REPORT
 0:INVALID 1:REPORTED , 2:NOT REPORTED
 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='AIS RECEIVED REPORT'
 LOGSTATUS='REPORTED(1),NOT REPORTED(2)'
 LOGFLAG='LII_I_INVALID_HIDE'
 TRAP=eventTrapPpMxMainChAisReceivedReport"
 ::= { ppMxpdiMainChComEntry 2 }

ppMxpdiMainChAisReceivedConditionSetting OBJECT-TYPE
 SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS RECEIVED CONDITION SETTING
 0:INVALID 1:ALARM , 2:STATUS
 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='AIS RECEIVED CONDITION SETTING'
 LOGSTATUS='ALARM(1),STATUS(2)'
 LOGFLAG='LII_I_INVALID_HIDE|LII_T_STATUS'
 TRAP=eventTrapPpMxMainChAisReceivedConditionSetting"
 ::= { ppMxpdiMainChComEntry 3 }

ppMxpdiMainChAisGeneratedReport OBJECT-TYPE
 SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "AIS GENERATED REPORT
 0:INVALID 1:REPORTED , 2:NOT REPORTED
 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='AIS GENERATED REPORT'
 LOGSTATUS='REPORTED(1),NOT REPORTED(2)'
 LOGFLAG='LII_I_INVALID_HIDE'
 TRAP=eventTrapPpMxMainChAisGeneratedReport"
 ::= { ppMxpdiMainChComEntry 4 }

ppMxpdiMainChUsageErrorReport OBJECT-TYPE

```

SYNTAX          INTEGER ( 0..2 )
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "CHANNEL USAGE ERROR REPORT
                0:INVALID 1:REPORTED , 2:NOT REPORTED
                FLAG=TRAP|EVLOG|BITCNT(8)
                LOGITEM='CHANNEL USAGE ERROR REPORT'
                LOGSTATUS='REPORTED(1),NOT REPORTED(2)'
                LOGFLAG='LII_I_INVALID_HIDE'
                TRAP=eventTrapPpMxMainChErrorReport"

 ::= { ppMxpdiMainChComEntry 5 }

```

ppMxpdiLanIntfcM OBJECT IDENTIFIER

```
 ::= { ppMxProvisioningInfo 5 }
```

ppMxpdiLanIntfcMTable OBJECT-TYPE

```

SYNTAX          SEQUENCE OF PpMxpdiLanIntfcMEntry
ACCESS          not-accessible
STATUS          mandatory
DESCRIPTION     "LAN INTFC-M Table"

 ::= { ppMxpdiLanIntfcM 1 }

```

ppMxpdiLanIntfcMEntry OBJECT-TYPE

```

SYNTAX          PpMxpdiLanIntfcMEntry
ACCESS          not-accessible
STATUS          mandatory
DESCRIPTION     "LAN INTFC-M Table Entry"
INDEX          {
                ppMxpdiLanIntfcMPasoIndex,
                ppMxpdiLanIntfcMIndex
                }

 ::= { ppMxpdiLanIntfcMTable 1 }

```

PpMxpdiLanIntfcMEntry ::= SEQUENCE {

```

    ppMxpdiLanIntfcMPasoIndex      IpAddress,
    ppMxpdiLanIntfcMIndex          INTEGER,
    ppMxpdi4pLanPortUsage          INTEGER,
    ppMxpdi4pLanPortSpeedDuplex    INTEGER,
    ppMxpdi4pLanFlowControl        INTEGER,
    ppMxpdi4pLanCollisionReport    INTEGER,
    ppMxpdi4pLanLinkLossForwarding INTEGER
}
```

ppMxpdiLanIntfcMPasoIndex OBJECT-TYPE

```

SYNTAX          IpAddress
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "Pasolink IP Address Index"

 ::= { ppMxpdiLanIntfcMEntry 1 }

```

ppMxpdiLanIntfcMIndex OBJECT-TYPE

```

SYNTAX          INTEGER {
                port1(1),
                port2(2),
                port3(3),
                port4(4)
                }

ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "LanIntfcM Index"

 ::= { ppMxpdiLanIntfcMEntry 2 }

```

ppMxpdi4pLanPortUsage OBJECT-TYPE

SYNTAX INTEGER (0..2)

ACCESS read-only

STATUS mandatory

DESCRIPTION "PORTx USAGE(4P)

0:INVALID, 1:USED , 2:NOT USED

FLAG=TRAP|EVLOG|NONTC_BT|CMNBIT|BITCNT(8)

LOGITEM='PORT%d USAGE(4P)'

LOGSTATUS='USED(1), NOT USED(2)'

LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'

TRAP=eventTrapPpMx4pLanPortUsage"

::= { ppMxpdiLanIntfcMEntry 3 }

ppMxpdi4pLanPortSpeedDuplex OBJECT-TYPE

SYNTAX INTEGER (0..9)

ACCESS read-only

STATUS mandatory

DESCRIPTION "PORTx SPEED & DUPLEX(4P) SETTING

1:AUTONEG(AUTO-MDI/MDIX)

2:10M-HALF(MDI)

3:10M-FULL(MDI)

4:100M-HALF(MDI)

5:100M-FULL(MDI)

6:10M-HALF(MDIX)

7:10M-FULL(MDIX)

8:100M-HALF(MDIX)

9:100M-FULL(MDIX)

0:INVALID

FLAG=TRAP|EVLOG|NONTC_BT|CMNBIT|BITCNT(8)

LOGITEM='PORT%d SPEED & DUPLEX(4P) SETTING'

LOGSTATUS='AUTONEG(AUTO-MDI/MDIX)(1),10M-HALF(MDI)(2),10M-FULL(MDI)(3),100M-HALF(MDI)(4),
100M-FULL(MDI)(5),10M-HALF(MDIX)(6),10M-FULL(MDIX)(7),100M-HALF(MDIX)(8),100M-FULL(MDIX)(9)'

LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'

TRAP=eventTrapPpMx4pLanPortSpeedDuplex"

::= { ppMxpdiLanIntfcMEntry 4 }

ppMxpdi4pLanFlowControl OBJECT-TYPE

SYNTAX INTEGER (0..2)

ACCESS read-only

STATUS mandatory

DESCRIPTION "PORTx FLOW CONTROL(4P)

0:INVALID 1:ON , 2:OFF

FLAG=TRAP|EVLOG|NONTC_BT|CMNBIT|BITCNT(8)

LOGITEM='PORT%d FLOW CONTROL(4P)'

LOGSTATUS='ON(1), OFF(2)'

LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'

TRAP=eventTrapPpMx4pLanFlowControl"

::= { ppMxpdiLanIntfcMEntry 5 }

ppMxpdi4pLanCollisionReport OBJECT-TYPE

SYNTAX INTEGER (0..2)

ACCESS read-only

STATUS mandatory

DESCRIPTION "PORTx COLLISION REPORT(4P)

0:INVALID 1:REPORTED , 2:NOT REPORTED

FLAG=TRAP|EVLOG|NONTC_BT|CMNBIT|BITCNT(8)

LOGITEM='PORT%d COLLISION REPORT(4P)'

```

LOGSTATUS='REPORTED(1),NOT REPORTED(2)'
LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
TRAP=eventTrapPpMx4pLanCollisionReport"
::= { ppMxpdiLanIntfcMEntry 6 }

ppMxpdi4pLanLinkLossForwarding OBJECT-TYPE
    SYNTAX          INTEGER ( 0..2 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORTx LINK LOSS FORWARDING(4P)
                    0:INVALID 1:ENABLED , 2:DISABLED
                    FLAG=TRAP|EVLOG|NONTC_BT|CMNBIT|BITCNT(8)
                    LOGITEM='PORT%d LINK LOSS FORWARDING(4P)'
                    LOGSTATUS='ENABLED(1), DISABLED(2)'
                    LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
                    TRAP=eventTrapPpMx4pLanLinkLossForwarding"
    ::= { ppMxpdiLanIntfcMEntry 7 }

ppMxpdiLanIntfcMComTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxpdiLanIntfcMComEntry
    ACCESS          not-accessible
    STATUS          optional
    DESCRIPTION     "LAN INTFC-M Common Table"
    ::= { ppMxpdiLanIntfcM 2 }

ppMxpdiLanIntfcMComEntry OBJECT-TYPE
    SYNTAX          PpMxpdiLanIntfcMComEntry
    ACCESS          not-accessible
    STATUS          optional
    DESCRIPTION     "LAN INTFC-M Common Table Entry"
    INDEX           {
                    ppMxpdiLanIntfcMComPasolIndex
                    }
    ::= { ppMxpdiLanIntfcMComTable 1 }

PpMxpdiLanIntfcMComEntry ::= SEQUENCE {
                    ppMxpdiLanIntfcMComPasolIndex IpAddress,
                    ppMxpdi4pLanPortSwitching      INTEGER
                    }

ppMxpdiLanIntfcMComPasolIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Pasolink IP Address Index"
    ::= { ppMxpdiLanIntfcMComEntry 1 }

ppMxpdi4pLanPortSwitching OBJECT-TYPE
    SYNTAX          INTEGER ( 0..6 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORT SWITCHING(4P)
                    0:INVALID
                    1:P1-2=ENABLED,P3-4=ENABLED
                    2:P1-2=ENABLED,P3-4=DISABLED
                    3:P1-2=DISABLED,P3-4=ENABLED
                    4:P1-2=DISABLED,P3-4=DISABLED
                    5:P1-4=ENABLED
                    6:P1-4=DISABLED

                    FLAG=TRAP|EVLOG|NONTC_BT|BITCNT(8)
                    LOGITEM='PORT SWITCHING(4P)'
                    LOGSTATUS='%s'

```

```

LOGFLAG='LII_I_INVALID_HIDE|LII_S_LAN_PORT_SW'
TRAP=eventTrapPpMx4pLanPortSwitching"
 ::= { ppMxpdiLanIntfcMComEntry 2 }

ppMxpdiLanIntfcS OBJECT IDENTIFIER
 ::= { ppMxProvisioningInfo 6 }

ppMxpdiLanIntfcSTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxpdiLanIntfcSEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "LAN INTFC-S Table"
    ::= { ppMxpdiLanIntfcS 1 }

ppMxpdiLanIntfcSEntry OBJECT-TYPE
    SYNTAX          PpMxpdiLanIntfcSEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "LAN INTFC-S Table Entry"
    INDEX          {
                                ppMxpdiLanIntfcSPasoIndex,
                                ppMxpdiLanIntfcSIndex
                        }
    ::= { ppMxpdiLanIntfcSTable 1 }

PpMxpdiLanIntfcSEntry ::= SEQUENCE {
                                ppMxpdiLanIntfcSPasoIndex      IpAddress,
                                ppMxpdiLanIntfcSIndex          INTEGER,
                                ppMxpdi2pLanPortUsage          INTEGER,
                                ppMxpdi2pLanPortSpeedDuplex    INTEGER,
                                ppMxpdi2pLanFlowControl         INTEGER,
                                ppMxpdi2pLanCollisionReport     INTEGER,
                                ppMxpdi2pLanLinkLossForwarding  INTEGER
                        }

ppMxpdiLanIntfcSPasoIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Pasolink IP Address Index"
    ::= { ppMxpdiLanIntfcSEntry 1 }

ppMxpdiLanIntfcSIndex OBJECT-TYPE
    SYNTAX          INTEGER {
                                port1(1),
                                port2(2)
                        }
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "LanIntfcS Index"
    ::= { ppMxpdiLanIntfcSEntry 2 }

ppMxpdi2pLanPortUsage OBJECT-TYPE
    SYNTAX          INTEGER ( 0..2 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORTx USAGE(2P)
                                0:INVALID, 1:USED , 2:NOT USED

                                FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
                                LOGITEM='PORT%d USAGE(2P)'
                                LOGSTATUS='USED(1), NOT USED(2)'
                                LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'

```



```

TRAP=eventTrapPpMx2pLanPortUsage"
::= { ppMxpdiLanIntfcSEntry 3 }

ppMxpdi2pLanPortSpeedDuplex OBJECT-TYPE
    SYNTAX          INTEGER ( 0..9 )

    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORTx SPEED & DUPLEX(2P) SETTING
                    1:AUTONEG(AUTO-MDI/MDIX)
                    2:10M-HALF(MDI)
                    3:10M-FULL(MDI)
                    4:100M-HALF(MDI)
                    5:100M-FULL(MDI)
                    6:10M-HALF(MDIX)
                    7:10M-FULL(MDIX)
                    8:100M-HALF(MDIX)
                    9:100M-FULL(MDIX)
                    0:INVALID

                    FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
                    LOGITEM='PORT%d SPEED & DUPLEX(2P) SETTING'

                    LOGSTATUS='AUTONEG(AUTO-MDI/MDIX)(1),10M-HALF(MDI)(2),10M-FULL(MDI)(3),100M-HALF(MDI)(4),
                    100M-FULL(MDI)(5),10M-HALF(MDIX)(6),10M-FULL(MDIX)(7),100M-HALF(MDIX)(8),100M-FULL(MDIX)(9),INVALID(0)'
                    LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
                    TRAP=eventTrapPpMx2pLanPortSpeedDuplex"
::= { ppMxpdiLanIntfcSEntry 4 }

ppMxpdi2pLanFlowControl OBJECT-TYPE
    SYNTAX          INTEGER ( 0..2 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORTx FLOW CONTROL(2P)
                    0:INVALID 1:ON , 2:OFF

                    FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
                    LOGITEM='PORT%d FLOW CONTROL(2P)'
                    LOGSTATUS='ON(1), OFF(2)'
                    LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
                    TRAP=eventTrapPpMx2pLanFlowControl"
::= { ppMxpdiLanIntfcSEntry 5 }

ppMxpdi2pLanCollisionReport OBJECT-TYPE
    SYNTAX          INTEGER ( 0..2 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORTx COLLISION REPORT(2P)
                    0:INVALID 1:REPORTED , 2:NOT REPORTED

                    FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
                    LOGITEM='PORT%d COLLISION REPORT(2P)'
                    LOGSTATUS='REPORTED(1),NOT REPORTED(2)'
                    LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
                    TRAP=eventTrapPpMx2pLanCollisionReport"
::= { ppMxpdiLanIntfcSEntry 6 }

ppMxpdi2pLanLinkLossForwarding OBJECT-TYPE
    SYNTAX          INTEGER ( 0..2 )
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "PORTx LINK LOSS FORWARDING(2P)
                    0:INVALID 1:ENABLED , 2:DISABLED

```

FLAG=TRAP|EVLOG|BITCNT(8)|CMNBIT
 LOGITEM='PORT%d LINK LOSS FORWARDING(2P)'
 LOGSTATUS='ENABLED(1), DISABLED(2)'
 LOGFLAG='LII_I_INVALID_HIDE|LII_I_TABIX'
 TRAP=eventTrapPpMx2pLanLinkLossForwarding"

::= { ppMxpdiLanIntfcSEntry 7 }

ppMxpdiLanIntfcSComTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpdiLanIntfcSComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "LAN INTFC-S Common Table"
 ::= { ppMxpdiLanIntfcS 2 }

ppMxpdiLanIntfcSComEntry OBJECT-TYPE

SYNTAX PpMxpdiLanIntfcSComEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "LAN INTFC-S Common Table Entry"
 INDEX {
 ppMxpdiLanIntfcSComPasoIndex
 }
 ::= { ppMxpdiLanIntfcSComTable 1 }

PpMxpdiLanIntfcSComEntry ::= SEQUENCE {

ppMxpdiLanIntfcSComPasoIndex IpAddress,
 ppMxpdi2pLanPortSwitching INTEGER,
 ppMxpdi2pLanPort1or12Lan2MFraming INTEGER,
 ppMxpdi2pLanPort2Lan2MFraming INTEGER
 }

ppMxpdiLanIntfcSComPasoIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpdiLanIntfcSComEntry 1 }

ppMxpdi2pLanPortSwitching OBJECT-TYPE

SYNTAX INTEGER (0..2)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORT SWITCHING(2P)
 0:INVALID
 1:P1-2=ENABLED
 2:P1-2=DISABLED

FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='PORT SWITCHING(2P)'
 LOGSTATUS='P1-2=ENABLED(1),P1-2=DISABLED(2)'
 LOGFLAG='LII_I_INVALID_HIDE'
 TRAP=eventTrapPpMx2pLanPortSwitching"

::= { ppMxpdiLanIntfcSComEntry 2 }

ppMxpdi2pLanPort1or12Lan2MFraming OBJECT-TYPE

SYNTAX INTEGER (0..5)
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PORT1/1-2 LAN >> 2M FRAMING
 0:INVALID
 1:UNFRAMED
 2:PCM-31C(FAS+CRC)
 3:PCM-31(FAS)

4:PCM-30C(MFAS+CRC)
5:PCM-30(MFAS)

FLAG=TRAP|EVLOG|BITCNT(8)
LOGITEM='PORT1/1-2 LAN >> 2M FRAMING'

LOGSTATUS='UNFRAMED(1),PCM-31C(FAS+CRC)(2),PCM-31(FAS)(3),PCM-30C(MFAS+CRC)(4),PCM-30(MFAS)(5)'

LOGFLAG='LII_I_INVALID_HIDE'
TRAP=eventTrapPpMx2pLanPort1or12Lan2MFraming"

::= { ppMxpdiLanIntfcSComEntry 3 }

ppMxpdi2pLanPort2Lan2MFraming OBJECT-TYPE

SYNTAX INTEGER (0..5)
ACCESS read-only
STATUS mandatory
DESCRIPTION "PORT2 LAN >> 2M FRAMING
0:INVALID
1:UNFRAMED
2:PCM-31C(FAS+CRC)
3:PCM-31(FAS)
4:PCM-30C(MFAS+CRC)
5:PCM-30(MFAS)

FLAG=TRAP|EVLOG|BITCNT(8)
LOGITEM='PORT2 LAN >> 2M FRAMING'

LOGSTATUS='UNFRAMED(1),PCM-31C(FAS+CRC)(2),PCM-31(FAS)(3),PCM-30C(MFAS+CRC)(4),PCM-30(MFAS)(5)'

LOGFLAG='LII_I_INVALID_HIDE'
TRAP=eventTrapPpMx2pLanPort2Lan2MFraming"

::= { ppMxpdiLanIntfcSComEntry 4 }

ppMxpdiScAssign OBJECT IDENTIFIER

::= { ppMxProvisioningInfo 7 }

ppMxpdiScAssignTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpdiScAssignEntry
ACCESS not-accessible
STATUS optional
DESCRIPTION "SC Assignment Table"
::= { ppMxpdiScAssign 1 }

ppMxpdiScAssignEntry OBJECT-TYPE

SYNTAX PpMxpdiScAssignEntry
ACCESS not-accessible
STATUS optional
DESCRIPTION "SC Assignment Table Entry"
INDEX {
ppMxpdiScAssignPasoIndex
}

::= { ppMxpdiScAssignTable 1 }

PpMxpdiScAssignEntry ::= SEQUENCE {

ppMxpdiScAssignPasoIndex IpAddress,
ppMxpdiSc1Usage INTEGER,
ppMxpdiSc2Usage INTEGER,
ppMxpdiSc3Usage INTEGER,
ppMxpdiSc4Usage INTEGER
}

ppMxpdiScAssignPasoIndex OBJECT-TYPE

SYNTAX IpAddress

ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpdiScAssignEntry 1 }

ppMxpdiSc1Usage OBJECT-TYPE

SYNTAX INTEGER {
 rs232c(1),
 lan(2)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "SC1 USAGE
 1:RS-232C
 2:LAN

 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='SC1 USAGE'
 LOGSTATUS='RS-232C(1),LAN(2)'
 TRAP=eventTrapPpMxSc1Usage"
 ::= { ppMxpdiScAssignEntry 2 }

ppMxpdiSc2Usage OBJECT-TYPE

SYNTAX INTEGER {
 rs232c(1),
 lan(2)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "SC2 USAGE
 1:RS-232C
 2:LAN

 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='SC2 USAGE'
 LOGSTATUS='RS-232C(1),LAN(2)'
 TRAP=eventTrapPpMxSc2Usage"
 ::= { ppMxpdiScAssignEntry 3 }

ppMxpdiSc3Usage OBJECT-TYPE

SYNTAX INTEGER {
 v11CoDirectional(1),
 v11ContraDirectional(2),
 tnsCard(3)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "SC3 USAGE
 1:V.11(CO-DIRECTIONAL)
 2:V.11(CONTRA-DIRECTIONAL)
 3:TNS CARD

 FLAG=TRAP|EVLOG|BITCNT(8)
 LOGITEM='SC3 USAGE'

 LOGSTATUS='V.11(CO-DIRECTIONAL)(1),V.11(CONTRA-DIRECTIONAL)(2),TNS CARD(3)'
 TRAP=eventTrapPpMxSc3Usage"
 ::= { ppMxpdiScAssignEntry 4 }

ppMxpdiSc4Usage OBJECT-TYPE

SYNTAX INTEGER {
 v11CoDirectional(1),
 v11ContraDirectional(2)

```

    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "SC4 USAGE
                  0:INVALID
                  1:V.11(CO-DIRECTIONAL)
                  2:V.11(CONTRA-DIRECTIONAL)

                  FLAG=TRAP|EVLOG|BITCNT(8)
                  LOGITEM='SC4 USAGE'

LOGSTATUS='V.11(CO-DIRECTIONAL)(1),V.11(CONTRA-DIRECTIONAL)(2)'
LOGFLAG='LII_I_INVALID_HIDE'
TRAP=eventTrapPpMxSc4Usage"
::= { ppMxpdiScAssignEntry 5 }

ppMxpdiExtAlarm OBJECT IDENTIFIER
::= { ppMxProvisioningInfo 8 }

ppMxpdiExtAlarmTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PpMxpdiExtAlarmEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION  "Ext Alarm Table"
::= { ppMxpdiExtAlarm 1 }

ppMxpdiExtAlarmEntry OBJECT-TYPE
SYNTAX      PpMxpdiExtAlarmEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION  "Ext Alarm Table Entry"
INDEX       {
                                ppMxpdiExtAlarmPasoIndex,
                                ppMxpdiExtAlarmIndex
                                }
::= { ppMxpdiExtAlarmTable 1 }

PpMxpdiExtAlarmEntry ::= SEQUENCE {
                                ppMxpdiExtAlarmPasoIndex  IpAddress,
                                ppMxpdiExtAlarmIndex       INTEGER,
                                ppMxpdiExtAlarmRelay        OCTET STRING
                                }

ppMxpdiExtAlarmPasoIndex OBJECT-TYPE
SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Pasolink IP Address Index"
::= { ppMxpdiExtAlarmEntry 1 }

ppMxpdiExtAlarmIndex OBJECT-TYPE
SYNTAX      INTEGER {
                                relay1(1),
                                relay2(2),
                                relay3(3),
                                relay4(4),
                                relay5(5),
                                relay6(6),
                                relay7(7)
                                }
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Ext ALM Index

```

```

"
::= { ppMxpdiExtAlarmEntry 2 }

ppMxpdiExtAlarmRelay OBJECT-TYPE
    SYNTAX          OCTET STRING (SIZE (8))

    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Relay setting bitmap
                    FLAG=BITCNT(64)|TRAP|EVLOG|CMNBIT
                    LOGITEM='RELAY-%d OUTPUT MODE'
                    LOGSTATUS='UPDATED'
                    LOGFLAG='LII_I_TABIX'
                    TRAP=eventTrapPpMxRelay"

::= { ppMxpdiExtAlarmEntry 3 }

```

-- ppMxInventoryInfo Group Definitions

```

ppMxiviSwUnitInfo OBJECT IDENTIFIER
    ::= { ppMxInventoryInfo 1 }

ppMxiviSwUnitTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxiviSwUnitEntry
    ACCESS          not-accessible
    STATUS          optional
    DESCRIPTION     "Switch Unit Table"
    ::= { ppMxiviSwUnitInfo 1 }

ppMxiviSwUnitEntry OBJECT-TYPE
    SYNTAX          PpMxiviSwUnitEntry
    ACCESS          not-accessible
    STATUS          optional
    DESCRIPTION     "Switch Unit Table Entry"
    INDEX          {
                    ppMxiviSwUnitPasolIndex
                    }

    ::= { ppMxiviSwUnitTable 1 }

PpMxiviSwUnitEntry ::= SEQUENCE {
                    ppMxiviSwUnitPasolIndex  IpAddress,
                    ppMxiviSwUnitCodeNo      DisplayString,
                    ppMxiviSwUnitSerialNo     DisplayString,
                    ppMxiviSwUnitDate         DisplayString,
                    ppMxiviSwUnitSwVersion    DisplayString
                    }

ppMxiviSwUnitPasolIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Pasolink IP Address Index"
    ::= { ppMxiviSwUnitEntry 1 }

ppMxiviSwUnitCodeNo OBJECT-TYPE
    SYNTAX          DisplayString
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "SwUnitCodeNo
                    VARSZ=6
                    FLAG=BITCNT(48)"

```

```

::= { ppMxiviSwUnitEntry 2 }

ppMxiviSwUnitSerialNo OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "SwUnitSerialNo
                  VARSZ=6
                  FLAG=BITCNT(48)"

::= { ppMxiviSwUnitEntry 3 }

ppMxiviSwUnitDate OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "SwUnitDate (YY/MM/DD)
                  VARSZ=6
                  FLAG=BITCNT(48)"

::= { ppMxiviSwUnitEntry 4 }

ppMxiviSwUnitSwVersion OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "CTRL S/W Version of FORE side bank
                  Max is 10 bytes
                  ex)1.00(main_interface,sub_interface)
                     1.123.456( ctrl )
                  VARSZ=10
                  FLAG=BITCNT(80)"

::= { ppMxiviSwUnitEntry 5 }

ppMxiviIndvTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxiviIndvEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Inventory No.1/No.2 Table"
    ::= { ppMxInventoryInfo 2 }

ppMxiviIndvEntry OBJECT-TYPE
    SYNTAX      PpMxiviIndvEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Inventory No.1/No.2 Table Entry"
    INDEX       {
                  ppMxiviIndvPasoIndex,
                  ppMxiviIndvIndex,
                  ppMxiviIndvName
                }

::= { ppMxiviIndvTable 1 }

PpMxiviIndvEntry ::= SEQUENCE {
    ppMxiviIndvPasoIndex  IpAddress,
    ppMxiviIndvIndex      INTEGER,
    ppMxiviIndvName        INTEGER,
    ppMxiviIndvCodeNo      DisplayString,
    ppMxiviIndvSerialNo    DisplayString,
    ppMxiviIndvDate        DisplayString,
    ppMxiviIndvHwVersion   DisplayString,
    ppMxiviIndvSwVersion   DisplayString
}

ppMxiviIndvPasoIndex OBJECT-TYPE

```

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Pasolink IP Address Index"
::=	{ ppMxiviIndvEntry 1 }

ppMxivilndvIndex OBJECT-TYPE

SYNTAX	INTEGER { no1(1), no2(2) }
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Index(no1/no2 1:No.1, 2:No.2"
::= {	ppMxivilndvEntry 2 }

ppMxivilIndvName OBJECT-TYPE

SYNTAX	INTEGER { odu(1), modem(2), oduIntfc(3) }
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Index(odu/modem/oduIntfc) "
::= {	ppMxiviIndvEntry 3 }

ppMxivilIndvCodeNo OBJECT-TYPE

SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"IndvCodeNo VARSZ=6 FLAG=BITCNT(48) All 0xFF is invalid."
::= { ppMxivilIndvEntry 4 }	

ppMxivilIndvSerialNo OBJECT-TYPE

SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"IndvSerialNo VARSZ=6 FLAG=BITCNT(48) All 0xFF is invalid."
::= { ppMxivilIndvEntry 5 }	

ppMxivlIndvDate OBJECT-TYPE

SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"IndvDate (YY/MM/DD) VARSZ=6 FLAG=BITCNT(48) All 0xFF is invalid."
::= { ppMxivilIndvEntry 6 }	

ppMxivilndvHwVersion OBJECT-TYPE

SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory


```

DESCRIPTION      "ex)1.00
                  VARSZ=4
                  FLAG=BITCNT(32)"
 ::= { ppMxiviIndvEntry 7 }

ppMxiviIndvSwVersion OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "ex)1.00
                  VARSZ=4
                  FLAG=BITCNT(32)"
 ::= { ppMxiviIndvEntry 8 }

ppMxiviOduFreqInfo OBJECT IDENTIFIER
 ::= { ppMxInventoryInfo 3 }

ppMxiviOduFreqIndvTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxiviOduFreqIndvEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "ODU Frequency No.1/No.2 Table"
 ::= { ppMxiviOduFreqInfo 1 }

ppMxiviOduFreqIndvEntry OBJECT-TYPE
    SYNTAX      PpMxiviOduFreqIndvEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "ODU Frequency No.1/No.2 Table Entry"
    INDEX       {
                                ppMxiviOduFreqIndvPasolIndex,
                                ppMxiviOduFreqIndvIndex
                    }
 ::= { ppMxiviOduFreqIndvTable 1 }

PpMxiviOduFreqIndvEntry ::= SEQUENCE {
                                ppMxiviOduFreqIndvPasolIndex  IpAddress,
                                ppMxiviOduFreqIndvIndex        INTEGER,
                                ppMxiviOduFreqTxStartFreq      DisplayString,
                                ppMxiviOduFreqTxEndFreq        DisplayString,
                                ppMxiviOduFreqUpperLower        INTEGER
                    }

ppMxiviOduFreqIndvPasolIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
 ::= { ppMxiviOduFreqIndvEntry 1 }

ppMxiviOduFreqIndvIndex OBJECT-TYPE
    SYNTAX      INTEGER {
                                no1(1),
                                no2(2)
                    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Index
                  1:No.1, 2:No.2"
 ::= { ppMxiviOduFreqIndvEntry 2 }

ppMxiviOduFreqTxStartFreq OBJECT-TYPE
    SYNTAX      DisplayString

```

```

ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Tx Start Frequency[MHz]
              VARSZ=9
              FLAG=BITCNT(72)"
::= { ppMxiviOduFreqIndvEntry 3 }

ppMxiviOduFreqTxEndFreq OBJECT-TYPE
SYNTAX      DisplayString
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Tx End Frequency[MHz]
              VARSZ=9
              FLAG=BITCNT(72)"
::= { ppMxiviOduFreqIndvEntry 4 }

ppMxiviOduFreqUpperLower OBJECT-TYPE
SYNTAX      INTEGER
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "UpperLower
              1:Lower 2:Upper 35:INVALID 42:NOT OBTAIN
              FLAG=BITCNT(8)"
::= { ppMxiviOduFreqIndvEntry 5 }

ppMxiviFreqSettingInfo OBJECT IDENTIFIER
::= { ppMxInventoryInfo 4 }

ppMxiviFreqSettingIndvTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PpMxiviFreqSettingIndvEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION  "Frequency Setting No.1/No.2 Table"
::= { ppMxiviFreqSettingInfo 1 }

ppMxiviFreqSettingIndvEntry OBJECT-TYPE
SYNTAX      PpMxiviFreqSettingIndvEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION  "Frequency Setting No.1/No.2 Table Entry"
INDEX       {
              ppMxiviFreqSettingIndvPasoIndex,
              ppMxiviFreqSettingIndvIndex
            }
::= { ppMxiviFreqSettingIndvTable 1 }

PpMxiviFreqSettingIndvEntry ::= SEQUENCE {
    ppMxiviFreqSettingIndvPasoIndex IpAddress,
    ppMxiviFreqSettingIndvIndex    INTEGER,
    ppMxiviFreqSettingTxFreq       DisplayString,
    ppMxiviFreqSettingRxFreq       DisplayString,
    ppMxiviFreqSettingShiftFreq    DisplayString,
    ppMxiviFreqSettingSubBand      DisplayString
}

ppMxiviFreqSettingIndvPasoIndex OBJECT-TYPE
SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Pasolink IP Address Index"
::= { ppMxiviFreqSettingIndvEntry 1 }

```

```

ppMxiviFreqSettingIndvIndex OBJECT-TYPE
    SYNTAX          INTEGER {
                                no1(1),
                                no2(2)
                            }
    ACCESS           read-only
    STATUS           mandatory
    DESCRIPTION      "Index
                                1:No.1, 2:No.2"
    ::= { ppMxiviFreqSettingIndvEntry 2 }

```

```
ppMxiviFreqSettingTxFreq OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS       read-only
    STATUS       mandatory
    DESCRIPTION  "Tx Frequency[MHz]
                  VARSZ=9
                  FLAG=TRAP|EVLOG|BITCNT(72)
                  LOGITEM=TX FREQUENCY [MHz]'
                  LOGSTATUS='%s'
                  LOGFLAG='LII_S_STR|LII_I_SYSTEM'
                  TRAP=eventTrapPpMxTxFreq"
    ::= { ppMxiviFreqSettingIndvEntry 3 }
```

ppMxiviFreqSettingRxFreq	OBJECT-TYPE
SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Rx Frequency[MHz] VARSZ=9 FLAG=TRAP EVLOG BITCNT(72) LOGITEM='RX FREQUENCY [MHz]' LOGSTATUS='%s' LOGFLAG='LII_S_STR LII_I_SYSTEM' TRAP=eventTrapPpMxRxFreq"
::= { ppMxiviFreqSettingIndvEntry 4 }	

ppMxiviFreqSettingShiftFreq	OBJECT-TYPE
SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Shift Frequency[MHz] VARSZ=8 FLAG=TRAP EVLOG NONTC_GROBAL BITCNT(64) LOGITEM='SHIFT FREQUENCY [MHz]' LOGSTATUS='%s' LOGFLAG='LII_S_STR LII_I_SYSTEM' TRAP=eventTrapPpMxShiftFreq"
::=	{ ppMxiviFreqSettingIndvEntry 5 }

ppMxiviFreqSettingSubBand	OBJECT-TYPE
SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"SUB BAND 1 ascii character VARSZ=1 FLAG=TRAP EVLOG BITCNT(8) LOGITEM='SUB BAND' LOGSTATUS='%s' LOGFLAG='LII_S_STR LII_I_SYSTEM' TRAP=eventTrapPpMxSubBand"

::= { ppMxiviFreqSettingIndvEntry 6 }

ppMxiviOduProvInfo OBJECT IDENTIFIER

::= { ppMxInventoryInfo 5 }

ppMxiviOduProvIndvTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxiviOduProvIndvEntry
ACCESS not-accessible
STATUS mandatory
DESCRIPTION "ODU Provisioning No.1/No.2 Table"
::= { ppMxiviOduProvInfo 1 }

ppMxiviOduProvIndvEntry OBJECT-TYPE

SYNTAX PpMxiviOduProvIndvEntry
ACCESS not-accessible
STATUS mandatory
DESCRIPTION "ODU Provisioning No.1/No.2 Table Entry"
INDEX {
ppMxiviOduProvIndvPasolIndex,
ppMxiviOduProvIndvIndex
}
::= { ppMxiviOduProvIndvTable 1 }

PpMxiviOduProvIndvEntry ::= SEQUENCE {

ppMxiviOduProvIndvPasolIndex IpAddress,
ppMxiviOduProvIndvIndex INTEGER,
ppMxiviOduProvAtpcMax INTEGER,
ppMxiviOduProvAtpcMin INTEGER,
ppMxiviOduProvMtpcMax INTEGER,
ppMxiviOduProvMtpcMin INTEGER,
ppMxiviOduProvRxThresholdMax INTEGER,
ppMxiviOduProvRxThresholdMin INTEGER,
ppMxiviOduProvAdditionalAttMax INTEGER,
ppMxiviOduProvAdditionalAttMin INTEGER
}

ppMxiviOduProvIndvPasolIndex OBJECT-TYPE

SYNTAX IpAddress
ACCESS read-only
STATUS mandatory
DESCRIPTION "Pasolink IP Address Index"
::= { ppMxiviOduProvIndvEntry 1 }

ppMxiviOduProvIndvIndex OBJECT-TYPE

SYNTAX INTEGER {
no1(1),
no2(2)
}
ACCESS read-only
STATUS mandatory
DESCRIPTION "Index
1:No.1, 2:No.2"
::= { ppMxiviOduProvIndvEntry 2 }

ppMxiviOduProvAtpcMax OBJECT-TYPE

SYNTAX INTEGER
ACCESS read-only
STATUS mandatory
DESCRIPTION "ATPC MAX(dB)

FLAG=BITCNT(8)"

::= { ppMxiviOduProvIndvEntry 3 }

ppMxiviOduProvAtpcMin OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ATPC MIN(dB)

FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 4 }

ppMxiviOduProvMtpcMax OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "MTPC MAX(dB)

FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 5 }

ppMxiviOduProvMtpcMin OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "MTPC MIN(dB)

FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 6 }

ppMxiviOduProvRxThresholdMax OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "RX Threshold MAX(dB)

FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 7 }

ppMxiviOduProvRxThresholdMin OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "RX Threshold MIN(dB)

FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 8 }

ppMxiviOduProvAdditionalAttMax OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Additional ATT MAX(dB)

FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 9 }

ppMxiviOduProvAdditionalAttMin OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only

STATUS	mandatory
DESCRIPTION	"Additional ATT MIN(dB)"

```

                                FLAG=BITCNT(8)"
 ::= { ppMxiviOduProvIndvEntry 10 }

```

ppMxiviPldCmnTable OBJECT-TYPE

SYNTAX	SEQUENCE OF PpMxiviPldCmnEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"PLD Common Table"

```
 ::= { ppMxInventoryInfo 6 }
```

ppMxiviPldCmnEntry OBJECT-TYPE

SYNTAX	PpMxiviPldCmnEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"PLD Common Table Entry"
INDEX	{
	ppMxiviPldCmnPasolIndex,
	ppMxiviPldCmnIndex
	}

```
 ::= { ppMxiviPldCmnTable 1 }
```

PpMxiviPldCmnEntry ::= SEQUENCE {

ppMxiviPldCmnPasolIndex	IpAddress,
ppMxiviPldCmnIndex	INTEGER,
ppMxiviPldCmnProgramNo	DisplayString,
ppMxiviPldCmnProgramVersion	DisplayString,
ppMxiviPldCmnName	DisplayString

```
 }
```

ppMxiviPldCmnPasolIndex OBJECT-TYPE

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Pasolink IP Address Index"

```
 ::= { ppMxiviPldCmnEntry 1 }
```

ppMxiviPldCmnIndex OBJECT-TYPE

SYNTAX	INTEGER {
	pIdInf(1),
	pIdCtrl(2),
	pIdCpuSub(3),
	pIdCnfg(4)
	}
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"PLD Common INVENTORY INDEX"

```
 ::= { ppMxiviPldCmnEntry 2 }
```

ppMxiviPldCmnProgramNo OBJECT-TYPE

SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ProgramNo
	VARSZ=8
	FLAG=BITCNT(64)"

```
 ::= { ppMxiviPldCmnEntry 3 }
```

ppMxiviPldCmnProgramVersion OBJECT-TYPE

SYNTAX	DisplayString
--------	---------------

```

ACCESS      read-only
STATUS      mandatory
DESCRIPTION "ProgramVersion
            ex)1.00
            VARSZ=8
            FLAG=BITCNT(64)"

::= { ppMxiviPldCmnEntry 4 }

ppMxiviPldCmnName OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Name
                VARSZ=8
                FLAG=BITCNT(64)"

::= { ppMxiviPldCmnEntry 5 }

ppMxiviPldDpuTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxiviPldDpuEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "PLD DPU Table"
    ::= { ppMxInventoryInfo 7 }

ppMxiviPldDpuEntry OBJECT-TYPE
    SYNTAX      PpMxiviPldDpuEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION "PLD DPU Table Entry"
    INDEX      {
                ppMxiviPldDpuPasoIndex,
                ppMxiviPldDpuIndex
            }

::= { ppMxiviPldDpuTable 1 }

PpMxiviPldDpuEntry ::= SEQUENCE {
    ppMxiviPldDpuPasoIndex  IpAddress,
    ppMxiviPldDpuIndex      INTEGER,
    ppMxiviPldDpuProgramNo  DisplayString,
    ppMxiviPldDpuProgramVersion DisplayString,
    ,
    ppMxiviPldDpuName        DisplayString
}

ppMxiviPldDpuPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address Index"
    ::= { ppMxiviPldDpuEntry 1 }

ppMxiviPldDpuIndex OBJECT-TYPE
    SYNTAX      INTEGER {
                pldDpu1(1),
                pldDpu2(2)
            }

    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "PLD Dpu INVENTORY INDEX"
    ::= { ppMxiviPldDpuEntry 2 }

ppMxiviPldDpuProgramNo OBJECT-TYPE
    SYNTAX      DisplayString

```

```

ACCESS      read-only
STATUS      mandatory
DESCRIPTION "ProgramNo
              VARSZ=8
              FLAG=BITCNT(64)"
 ::= { ppMxiviPldDpuEntry 3 }

ppMxiviPldDpuProgramVersion OBJECT-TYPE
SYNTAX      DisplayString

ACCESS      read-only
STATUS      mandatory
DESCRIPTION "ProgramVersion
              ex)1.00
              VARSZ=8
              FLAG=BITCNT(64)"
 ::= { ppMxiviPldDpuEntry 4 }

ppMxiviPldDpuName OBJECT-TYPE
SYNTAX      DisplayString
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "Name
              VARSZ=8
              FLAG=BITCNT(64)"
 ::= { ppMxiviPldDpuEntry 5 }

ppMxiviPldLanTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PpMxiviPldLanEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION "PLD LAN Table"
 ::= { ppMxInventoryInfo 8 }

ppMxiviPldLanEntry OBJECT-TYPE
SYNTAX      PpMxiviPldLanEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION "PLD LAN Table Entry"
INDEX      {
              ppMxiviPldLanPasoIndex,
              ppMxiviPldLanIndex
            }
 ::= { ppMxiviPldLanTable 1 }

PpMxiviPldLanEntry ::= SEQUENCE {
              ppMxiviPldLanPasoIndex  IpAddress,
              ppMxiviPldLanIndex      INTEGER,
              ppMxiviPldLanProgramNo  DisplayString,
              ppMxiviPldLanProgramVersion DisplayString,
              ppMxiviPldLanName       DisplayString
            }

ppMxiviPldLanPasoIndex OBJECT-TYPE
SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxiviPldLanEntry 1 }

ppMxiviPldLanIndex OBJECT-TYPE
SYNTAX      INTEGER {
              pld2pLan(1),

```



```

                                pld4pLan(2)
                                }
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "PLD Lan INVENTORY INDEX"
::= { ppMxiviPldLanEntry 2 }

ppMxiviPldLanProgramNo OBJECT-TYPE
SYNTAX      DisplayString
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "ProgramNo
                                VARSZ=8
                                FLAG=BITCNT(64)"
::= { ppMxiviPldLanEntry 3 }

ppMxiviPldLanProgramVersion OBJECT-TYPE
SYNTAX      DisplayString

ACCESS      read-only
STATUS      mandatory
DESCRIPTION "ProgramVersion
                                ex)1.00
                                VARSZ=8
                                FLAG=BITCNT(64)"
::= { ppMxiviPldLanEntry 4 }

ppMxiviPldLanName OBJECT-TYPE
SYNTAX      DisplayString
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "Name
                                VARSZ=8
                                FLAG=BITCNT(64)"
::= { ppMxiviPldLanEntry 5 }

ppMxiviPldMdromTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PpMxiviPldMdromEntry
ACCESS      not-accessible
STATUS      optional
DESCRIPTION "PLD Mdrom INVENTORY information table"
::= { ppMxInventoryInfo 9 }

ppMxiviPldMdromEntry OBJECT-TYPE
SYNTAX      PpMxiviPldMdromEntry
ACCESS      not-accessible
STATUS      optional
DESCRIPTION "PLD Mdrom INVENTORY information table entry"
INDEX      {
                                ppMxiviPldMdromPasolIndex,
                                ppMxiviPldMdromIndex
                                }
::= { ppMxiviPldMdromTable 1 }

PpMxiviPldMdromEntry ::= SEQUENCE {
                                ppMxiviPldMdromPasolIndex      IpAddress,
                                ppMxiviPldMdromIndex            INTEGER,
                                ppMxiviPldMdromProgramNo         DisplayString,
                                ppMxiviPldMdromProgramVersion    DisplayString,
                                ppMxiviPldMdromName              DisplayString
                                }

ppMxiviPldMdromPasolIndex OBJECT-TYPE

```

```

SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION  "Pasolink IP Address index"
::= { ppMxiviPldMdromEntry 1 }

```

```

ppMxiviPldMdromIndex OBJECT-TYPE
    SYNTAX      INTEGER {
                                pldMdrom1(1),
                                pldMdrom2(2)
                            }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "PLD Mdrom INVENTORY INDEX"
    ::= { ppMxiviPldMdromEntry 2 }

```

```

ppMxiviPldMdromProgramNo OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "ProgramNo
                                VARSZ=8
                                FLAG=BITCNT(64)"
    ::= { ppMxiviPldMdromEntry 3 }

```

```

ppMxiviPldMdromProgramVersion OBJECT-TYPE
    SYNTAX      DisplayString

    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "ProgramVersion
                                ex)1.00
                                VARSZ=8
                                FLAG=BITCNT(64)"
    ::= { ppMxiviPldMdromEntry 4 }

```

```

ppMxiviPldMdromName OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Name
                                VARSZ=8
                                FLAG=BITCNT(64)"
    ::= { ppMxiviPldMdromEntry 5 }

```

```

-----
-- ppMxMeteringInfo Group Definitions
-----

```

```

ppMxmndiIndvTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxmndiIndvEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Metering No.1/No.2 Table"
    ::= { ppMxMeteringInfo 1 }

```

```

ppMxmndiIndvEntry OBJECT-TYPE
    SYNTAX      PpMxmndiIndvEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Metering No.1/No.2 Table Entry"
    INDEX      {

```

```

                                ppMxmdiIndvPasoIndex,
                                ppMxmdiIndvIndex
                                }
 ::= { ppMxmdiIndvTable 1 }

PpMxmdiIndvEntry ::= SEQUENCE {
                                ppMxmdiIndvPasoIndex IpAddress,
                                ppMxmdiIndvIndex      INTEGER,
                                ppMxmdiTxPower          DisplayString,
                                ppMxmdiRxLevel          DisplayString,
                                ppMxmdiOduPs            DisplayString
                                }

ppMxmdiIndvPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxmdiIndvEntry 1 }

ppMxmdiIndvIndex OBJECT-TYPE
    SYNTAX      INTEGER {
                                no-1(1),
                                no-2(2)
                                }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Indv index"
    ::= { ppMxmdiIndvEntry 2 }

ppMxmdiTxPower OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "TX Power [dBm]"
    ::= { ppMxmdiIndvEntry 3 }

ppMxmdiRxLevel OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "RX Level [dBm]"
    ::= { ppMxmdiIndvEntry 4 }

ppMxmdiOduPs OBJECT-TYPE
    SYNTAX      DisplayString
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "ODU PS [V]"
    ::= { ppMxmdiIndvEntry 5 }

```

```

-----
-- Mx BER Table
-----

```

```

ppMxmdiBerTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxmdiBerEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Metering BER Table"
    ::= { ppMxMeteringInfo 2 }

```

ppMxmdiBerEntry OBJECT-TYPE

SYNTAX	PpMxmdiBerEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"Metering BER Table Entry"
INDEX	{
	ppMxmdiBerPasolIndex
	}

::= { ppMxmdiBerTable 1 }

PpMxmdiBerEntry ::= SEQUENCE {

ppMxmdiBerPasolIndex	IpAddress,
ppMxmdiBer	DisplayString

}

ppMxmdiBerPasolIndex OBJECT-TYPE

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Pasolink IP Address Index"

::= { ppMxmdiBerEntry 1 }

ppMxmdiBer OBJECT-TYPE

SYNTAX	DisplayString
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Ber"

::= { ppMxmdiBerEntry 2 }

-- ppMxpmonInfo Group Definitions

ppMxpmDailyData OBJECT IDENTIFIER

::= { ppMxpmonInfo 1 }

ppMxpmDailyDataInfo OBJECT IDENTIFIER

::= { ppMxpmDailyData 1 }

ppMxpmDailyDataInfoTable OBJECT-TYPE

SYNTAX	SEQUENCE OF PpMxpmDailyDataInfoEntry
ACCESS	not-accessible
STATUS	optional
DESCRIPTION	"Pmon Daily Data Information Table"

::= { ppMxpmDailyDataInfo 1 }

ppMxpmDailyDataInfoEntry OBJECT-TYPE

SYNTAX	PpMxpmDailyDataInfoEntry
ACCESS	not-accessible
STATUS	optional
DESCRIPTION	"Pmon Daily Data Information Table Entry"
INDEX	{
	ppMxpmDailyDataInfoPasolIndex
	}

::= { ppMxpmDailyDataInfoTable 1 }

PpMxpmDailyDataInfoEntry ::= SEQUENCE {

ppMxpmDailyDataInfoPasolIndex	IpAddress,
ppMxpmDailyStatus	INTEGER

}

ppMxpmDailyDataInfoPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpmDailyDataInfoEntry 1 }

ppMxpmDailyStatus OBJECT-TYPE

SYNTAX INTEGER (0..4)

 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PM STATUS
 not_obtain(0),
 valid_not_maint(1),
 valid_maint(2),
 invalid_not_maint(3),
 invalid_maint(4)"
 ::= { ppMxpmDailyDataInfoEntry 2 }

ppMxpmDailyDataValue OBJECT IDENTIFIER

::= { ppMxpmDailyData 2 }

ppMxpmDailyDataTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpmDailyDataEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "Pmon Daily Data Value Table"
 ::= { ppMxpmDailyDataValue 1 }

ppMxpmDailyDataEntry OBJECT-TYPE

SYNTAX PpMxpmDailyDataEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "Pmon Daily Data Value Table Entry"
 INDEX {
 ppMxpmDailyDataPasolIndex,
 ppMxpmDailyItemName
 }
 ::= { ppMxpmDailyDataTable 1 }

PpMxpmDailyDataEntry ::= SEQUENCE {

ppMxpmDailyDataPasolIndex IpAddress,
 ppMxpmDailyItemName INTEGER,
 ppMxpmDailyCurrentData INTEGER,
 ppMxpmDailyCurrentAlarm NormalAlarm01Value,
 ppMxpmDailyHistoricalAlarm INTEGER
 }

ppMxpmDailyDataPasolIndex OBJECT-TYPE

SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpmDailyDataEntry 1 }

ppMxpmDailyItemName OBJECT-TYPE

SYNTAX INTEGER {
 pmonOFS(1),
 pmonES(2),
 pmonSES(3),
 pmonUAS(4),
 pmonBBE(5)
 }
 }

ACCESS read-only
 STATUS mandatory
 DESCRIPTION "PMON DAILY INDEX"
 ::= { ppMxpmDailyDataEntry 2 }

ppMxpmDailyCurrentData OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "DailyCurrentData"
 ::= { ppMxpmDailyDataEntry 3 }

ppMxpmDailyCurrentAlarm OBJECT-TYPE
 SYNTAX NormalAlarm01Value
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "0:INVALID, 1:Normal, 2:Alarm
 FLAG=TRAP|EVLOG
 LOGITEM='%s TCN(15min)'
 LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
 LOGFLAG='LII_I_PMON_NAME_TOTAL'
 TRAP=alarmTrapPpMxTcnDaily"
 ::= { ppMxpmDailyDataEntry 4 }

ppMxpmDailyHistoricalAlarm OBJECT-TYPE
 SYNTAX INTEGER
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Daily historical alarm
 1Bit per day is used for the alarm status as follows.
 0 Bit: (Not used for Mx, Used for NLite L)
 1 Bit: 1st older Daily data (Usually yesterday)
 N Bit: Nth older Daily data (Usually N days before)
 Meaning of status
 0 : No alarm
 1 : Alarm
 Max 7days data are kept, lower 8 bits are used.
 '0' is set in 9th bit and higher.
 "
 ::= { ppMxpmDailyDataEntry 5 }

ppMxpmWeeklyData OBJECT IDENTIFIER
 ::= { ppMxPmonInfo 2 }

ppMxpmWeeklyDataInfo OBJECT IDENTIFIER
 ::= { ppMxpmWeeklyData 1 }

ppMxpmWeeklyDataInfoTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PpMxpmWeeklyDataInfoEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Pmon Weekly Data Information Table"
 ::= { ppMxpmWeeklyDataInfo 1 }

ppMxpmWeeklyDataInfoEntry OBJECT-TYPE
 SYNTAX PpMxpmWeeklyDataInfoEntry
 ACCESS not-accessible
 STATUS optional
 DESCRIPTION "Pmon Weekly Data Information Table Entry"
 INDEX {
 ppMxpmWeeklyDataInfoPasoIndex
 }
 ::= { ppMxpmWeeklyDataInfoTable 1 }

```

PpMxpmWeeklyDataInfoEntry ::= SEQUENCE {
                                ppMxpmWeeklyDataInfoPasoIndex  IpAddress,
                                ppMxpmWeeklyStatus               INTEGER
                                }

ppMxpmWeeklyDataInfoPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxpmWeeklyDataInfoEntry 1 }

ppMxpmWeeklyStatus OBJECT-TYPE
    SYNTAX      INTEGER ( 0..4 )

    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "PM STATUS
                  not_obtain(0),
                  valid_not_maint(1),
                  valid_maint(2),
                  invalid_not_maint(3),
                  invalid_maint(4)"
    ::= { ppMxpmWeeklyDataInfoEntry 2 }

ppMxpmWeeklyDataValue OBJECT IDENTIFIER
    ::= { ppMxpmWeeklyData 2 }

ppMxpmWeeklyDataTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxpmWeeklyDataEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Pmon Weekly Data Value Table"
    ::= { ppMxpmWeeklyDataValue 1 }

ppMxpmWeeklyDataEntry OBJECT-TYPE
    SYNTAX      PpMxpmWeeklyDataEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Pmon Weekly Data Value Table Entry"
    INDEX      {
                                ppMxpmWeeklyDataPasoIndex,
                                ppMxpmWeeklyItemName
                                }
    ::= { ppMxpmWeeklyDataTable 1 }

PpMxpmWeeklyDataEntry ::= SEQUENCE {
                                ppMxpmWeeklyDataPasoIndex  IpAddress,
                                ppMxpmWeeklyItemName        INTEGER,
                                ppMxpmWeeklyCurrentData      INTEGER,
                                ppMxpmWeeklyCurrentAlarm     NormalAlarm01Value,
                                ppMxpmWeeklyHistoricalAlarm   INTEGER
                                }

ppMxpmWeeklyDataPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Pasolink IP Address Index"
    ::= { ppMxpmWeeklyDataEntry 1 }

ppMxpmWeeklyItemName OBJECT-TYPE
    SYNTAX      INTEGER {

```

```

                                pmonOFS(1),
                                pmonES(2),
                                pmonSES(3),
                                pmonUAS(4),
                                pmonBBE(5)
                                }
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "PMON WEEKLY INDEX"
::= { ppMxpmWeeklyDataEntry 2 }

ppMxpmWeeklyCurrentData OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "WeeklyCurrentData"
    ::= { ppMxpmWeeklyDataEntry 3 }

ppMxpmWeeklyCurrentAlarm OBJECT-TYPE
    SYNTAX      NormalAlarm01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:Normal, 2:Alarm
                  FLAG=TRAP|EVLOG
                  LOGITEM='%s TCN(1day)'
                  LOGSTATUS='INVALID(0),NORMAL(1),ALARM(2)'
                  LOGFLAG='LII_I_PMON_NAME_TOTAL'
                  TRAP=alarmTrapPpMxTcnWeekly"
    ::= { ppMxpmWeeklyDataEntry 4 }

ppMxpmWeeklyHistoricalAlarm OBJECT-TYPE
    SYNTAX      INTEGER
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Weekly historical alarm
                  1Bit per day is used for the alarm status as follows.
                  0 Bit: (Not used )
                  1 Bit: 1st older Daily data (Usually yesterday)
                  N Bit: Nth older Daily data (Usually N days before)
                  Meaning of status
                  0 : No alarm
                  1 : Alarm
                  Max 7days data are kept, lower 8 bits are used.
                  '0' is set in 9th bit and higher.
                  "
    ::= { ppMxpmWeeklyDataEntry 5 }

ppMxpmRmonDailyData OBJECT IDENTIFIER
    ::= { ppMxPmonInfo 3 }

ppMxpmRmonDailyIntfcMData OBJECT IDENTIFIER
    ::= { ppMxpmRmonDailyData 1 }

ppMxpmRmonDailyIntfcMInfoDataTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxpmRmonDailyIntfcMInfoDataEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "ppMxpmRmonDailyIntfcMInfoDataTable
                  TABSZ=8"
    ::= { ppMxpmRmonDailyIntfcMData 1 }

ppMxpmRmonDailyIntfcMInfoDataEntry OBJECT-TYPE
    SYNTAX      PpMxpmRmonDailyIntfcMInfoDataEntry

```



```

ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION "ppMxpmRmonDailyIntfcMInfoDataEntry"
INDEX       {
                ppMxpmRmonDailyIntfcMInfoPasolIndex,
                ppMxpmRmonDailyIntfcMInfoPortName
            }
::= { ppMxpmRmonDailyIntfcMInfoDataTable 1 }

```

```

PpMxpmRmonDailyIntfcMInfoDataEntry ::= SEQUENCE {
    ppMxpmRmonDailyIntfcMInfoPasolIndex  IpAddress,
    ppMxpmRmonDailyIntfcMInfoPortName    INTEGER,
    ppMxpmRmonDailyIntfcMInfoStatus      INTEGER,
    ppMxpmRmonDailyIntfcMInfoPortUsage   INTEGER
}

```

ppMxpmRmonDailyIntfcMInfoPasolIndex OBJECT-TYPE

```

SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "(Not used) Pasolink IP Address Index"
::= { ppMxpmRmonDailyIntfcMInfoDataEntry 1 }

```

ppMxpmRmonDailyIntfcMInfoPortName OBJECT-TYPE

```

SYNTAX      INTEGER {
                linePort1(1),
                linePort2(2),
                linePort3(3),
                linePort4(4),
                dmrPort1(5),
                dmrPort2(6),
                dmrPort3(7),
                dmrPort4(8)
            }
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "(Not used) Rmon PORT INDEX(IntfcMInfo)
                1:LINE PORT1
                2:LINE PORT2
                3:LINE PORT3
                4:LINE PORT4
                5:DMR PORT1
                6:DMR PORT2
                7:DMR PORT3
                8:DMR PORT4"
::= { ppMxpmRmonDailyIntfcMInfoDataEntry 2 }

```

ppMxpmRmonDailyIntfcMInfoStatus OBJECT-TYPE

```

SYNTAX      INTEGER ( 0..4 )

ACCESS      read-only
STATUS      mandatory
DESCRIPTION "(Not used) STATUS
                not_obtain(0),
                valid_not_maint(1),
                valid_maint(2),
                invalid_not_maint(3),
                invalid_maint(4)"
::= { ppMxpmRmonDailyIntfcMInfoDataEntry 3 }

```

ppMxpmRmonDailyIntfcMInfoPortUsage OBJECT-TYPE

```

SYNTAX      INTEGER ( 0..2 )

```

ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) PORT USAGE Invalid(0), used(1), not_used(2) "

::= { ppMxpmRmonDailyIntfcMInfoDataEntry 4 }

ppMxpmRmonDailyIntfcMDataTable OBJECT-TYPE

SYNTAX	SEQUENCE OF PpMxpmRmonDailyIntfcMDataEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"ppMxpmRmonDailyIntfcMDataTable TABSZ=8"

::= { ppMxpmRmonDailyIntfcMData 2 }

ppMxpmRmonDailyIntfcMDataEntry OBJECT-TYPE

SYNTAX	PpMxpmRmonDailyIntfcMDataEntry
ACCESS	not-accessible
STATUS	mandatory
DESCRIPTION	"Each item of this table is represented as follows:

o OCTET STRING of each value is represented 4byte Interger(little
endian).
o When a value is overflow, most significant bit is 1.
"

INDEX	{ ppMxpmRmonDailyIntfcMPasoIndex, ppMxpmRmonDailyIntfcMPortName }
-------	--

::= { ppMxpmRmonDailyIntfcMDataTable 1 }

PpMxpmRmonDailyIntfcMDataEntry ::= SEQUENCE {

ppMxpmRmonDailyIntfcMPasoIndex	IpAddress,
ppMxpmRmonDailyIntfcMPortName	INTEGER,
ppMxpmRmonDailyIntfcMRxUnicast	OCTET STRING,
ppMxpmRmonDailyIntfcMRxBroadcast	OCTET STRING,
ppMxpmRmonDailyIntfcMRxMulticast	OCTET STRING,
ppMxpmRmonDailyIntfcMRxPause	OCTET STRING,
ppMxpmRmonDailyIntfcMRxCrcError	OCTET STRING,
ppMxpmRmonDailyIntfcMRxFragments	OCTET STRING,
ppMxpmRmonDailyIntfcMRx64Octets	OCTET STRING,
ppMxpmRmonDailyIntfcMRx65to127Octets	OCTET STRING,
ppMxpmRmonDailyIntfcMRx128to255Octets	OCTET STRING,
ppMxpmRmonDailyIntfcMRx256to511Octets	OCTET STRING,
ppMxpmRmonDailyIntfcMRx512to1023Octets	OCTET STRING,
ppMxpmRmonDailyIntfcMRx1024to1536Octets	OCTET STRING,
ppMxpmRmonDailyIntfcMRx1537toMaxSizeOctets	OCTET STRING,
ppMxpmRmonDailyIntfcMRxJabbers	OCTET STRING,
ppMxpmRmonDailyIntfcMTxUnicast	OCTET STRING,
ppMxpmRmonDailyIntfcMTxBroadcast	OCTET STRING,
ppMxpmRmonDailyIntfcMTxMulticast	OCTET STRING,
ppMxpmRmonDailyIntfcMTxPause	OCTET STRING,
ppMxpmRmonDailyIntfcMTxTotalCollision	OCTET STRING,
ppMxpmRmonDailyIntfcMRxAlignmentError	OCTET STRING,
ppMxpmRmonDailyIntfcMRxSymbolError	OCTET STRING,
ppMxpmRmonDailyIntfcMRxUndersize	OCTET STRING

}

ppMxpmRmonDailyIntfcMPasoIndex OBJECT-TYPE

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory

DESCRIPTION "(Not used) Pasolink IP Address Index"
 ::= { ppMxpmRmonDailyIntfcMDataEntry 1 }

ppMxpmRmonDailyIntfcMPortName OBJECT-TYPE

SYNTAX INTEGER {
 linePort1(1),
 linePort2(2),
 linePort3(3),
 linePort4(4),
 dmrPort1(5),
 dmrPort2(6),
 dmrPort3(7),
 dmrPort4(8)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) Rmon PORT INDEX(IntfcM)
 1:LINE PORT1
 2:LINE PORT2
 3:LINE PORT3
 4:LINE PORT4
 5:DMR PORT1
 6:DMR PORT2
 7:DMR PORT3
 8:DMR PORT4"
 ::= { ppMxpmRmonDailyIntfcMDataEntry 2 }

ppMxpmRmonDailyIntfcMRxUnicast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRxUnicast
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcMDataEntry 3 }

ppMxpmRmonDailyIntfcMRxBroadcast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRxBroadcast
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcMDataEntry 4 }

ppMxpmRmonDailyIntfcMRxMulticast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRxMulticast
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcMDataEntry 5 }

ppMxpmRmonDailyIntfcMRxPause OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRxPause
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcMDataEntry 6 }

ppMxpmRmonDailyIntfcMRxCrcError OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory

DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRxCrcError
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 7 }

ppMxpmRmonDailyIntfcMRxFragments OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRxFragments
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 8 }

ppMxpmRmonDailyIntfcMRx64Octets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRx64Octets
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 9 }

ppMxpmRmonDailyIntfcMRx65to127Octets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRx65to127Octets
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 10 }

ppMxpmRmonDailyIntfcMRx128to255Octets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRx128to255Octets
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 11 }

ppMxpmRmonDailyIntfcMRx256to511Octets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRx256to511Octets
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 12 }

ppMxpmRmonDailyIntfcMRx512to1023Octets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRx512to1023Octets
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 13 }

ppMxpmRmonDailyIntfcMRx1024to1536Octets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) ppMxpmRmonDailyIntfcMRx1024to1536Octets
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 14 }

ppMxpmRmonDailyIntfcMRx1537toMaxSizeOctets OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only

STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMRx1537toMaxSizeOctets FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 15 }	

ppMxpmRmonDailyIntfcMRxJabbers OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMRxJabbers FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 16 }	

ppMxpmRmonDailyIntfcMTxUnicast OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMTxUnicast FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 17 }	

ppMxpmRmonDailyIntfcMTxBroadcast OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Notused) ppMxpmRmonDailyIntfcMTxBroadcast FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 18 }	

ppMxpmRmonDailyIntfcMTxMulticast OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMTxMulticast FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 19 }	

ppMxpmRmonDailyIntfcMTxPause OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMTxPause FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 20 }	

ppMxpmRmonDailyIntfcMTxTotalCollision OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMTxTotalCollision When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed) FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 21 }	

ppMxpmRmonDailyIntfcMRxAlignmentError OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (4))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonDailyIntfcMRxAlignmentError When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed) FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcMDataEntry 22 }	

```

ppMxpmRmonDailyIntfcMRxSymbolError OBJECT-TYPE
    SYNTAX          OCTET STRING (SIZE (4))
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "(Not used) ppMxpmRmonDailyIntfcMRxSymbolError
                    When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)
                    FLAG=BITCNT(32)"
    ::= { ppMxpmRmonDailyIntfcMDataEntry 23 }

ppMxpmRmonDailyIntfcMRxUndersize OBJECT-TYPE
    SYNTAX          OCTET STRING (SIZE (4))
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "(Not used) ppMxpmRmonDailyIntfcMRxUndersize
                    When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)
                    FLAG=BITCNT(32)"
    ::= { ppMxpmRmonDailyIntfcMDataEntry 24 }

ppMxpmRmonDailyIntfcSData OBJECT IDENTIFIER
    ::= { ppMxpmRmonDailyData 2 }

ppMxpmRmonDailyIntfcSInfoDataTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxpmRmonDailyIntfcSInfoDataEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "ppMxpmRmonDailyIntfcSInfoDataTable
                    TABSZ=4"
    ::= { ppMxpmRmonDailyIntfcSData 1 }

ppMxpmRmonDailyIntfcSInfoDataEntry OBJECT-TYPE
    SYNTAX          PpMxpmRmonDailyIntfcSInfoDataEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "ppMxpmRmonDailyIntfcSInfoDataEntry"
    INDEX          {
                                ppMxpmRmonDailyIntfcSInfoPasoIndex,
                                ppMxpmRmonDailyIntfcSInfoPortName
                        }
    ::= { ppMxpmRmonDailyIntfcSInfoDataTable 1 }

PpMxpmRmonDailyIntfcSInfoDataEntry ::= SEQUENCE {
                                ppMxpmRmonDailyIntfcSInfoPasoIndex  IpAddress,
                                ppMxpmRmonDailyIntfcSInfoPortName   INTEGER,
                                ppMxpmRmonDailyIntfcSInfoStatus      INTEGER,
                                ppMxpmRmonDailyIntfcSInfoPortUsage   INTEGER
                        }

ppMxpmRmonDailyIntfcSInfoPasoIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Pasolink IP Address Index"
    ::= { ppMxpmRmonDailyIntfcSInfoDataEntry 1 }

ppMxpmRmonDailyIntfcSInfoPortName OBJECT-TYPE
    SYNTAX          INTEGER {
                                linePort1(1),
                                linePort2(2),
                                dmrPort1(3),
                                dmrPort2(4)
                        }
    ACCESS          read-only
    STATUS          mandatory

```

DESCRIPTION "Rmon PORT INDEX(IntfcS)
 1:LINE PORT1
 2:LINE PORT2
 3:DMR PORT1
 4:DMR PORT2
 "

::= { ppMxpmRmonDailyIntfcSInfoDataEntry 2 }

ppMxpmRmonDailyIntfcSInfoStatus OBJECT-TYPE

SYNTAX INTEGER (0..4)

ACCESS read-only

STATUS mandatory

DESCRIPTION " STATUS

not_obtain(0),
 valid_not_maint(1),
 valid_maint(2),
 invalid_not_maint(3),
 invalid_maint(4)"

::= { ppMxpmRmonDailyIntfcSInfoDataEntry 3 }

ppMxpmRmonDailyIntfcSInfoPortUsage OBJECT-TYPE

SYNTAX INTEGER (0..2)

ACCESS read-only

STATUS mandatory

DESCRIPTION " PORT USAGE

Invalid(0),
 used(1),
 not_used(2)
 "

::= { ppMxpmRmonDailyIntfcSInfoDataEntry 4 }

ppMxpmRmonDailyIntfcSDataTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpmRmonDailyIntfcSDataEntry

ACCESS not-accessible

STATUS mandatory

DESCRIPTION "ppMxpmRmonDailyIntfcSDataTable
 TABSZ=4"

::= { ppMxpmRmonDailyIntfcSData 2 }

ppMxpmRmonDailyIntfcSDataEntry OBJECT-TYPE

SYNTAX PpMxpmRmonDailyIntfcSDataEntry

ACCESS not-accessible

STATUS mandatory

DESCRIPTION "Each item of this table is represented as follows:
 o OCTET STRING of each value is represented 4byte Interger(little
 endian).
 o When a value is overflow, most significant bit is 1.
 "

INDEX {
 ppMxpmRmonDailyIntfcSPasoIndex,
 ppMxpmRmonDailyIntfcSPortName
 }

::= { ppMxpmRmonDailyIntfcSDataTable 1 }

PpMxpmRmonDailyIntfcSDataEntry ::= SEQUENCE {

ppMxpmRmonDailyIntfcSPasoIndex	IpAddress,
ppMxpmRmonDailyIntfcSPortName	INTEGER,
ppMxpmRmonDailyIntfcSRxUnicast	OCTET STRING,
ppMxpmRmonDailyIntfcSRxBroadcast	OCTET STRING,
ppMxpmRmonDailyIntfcSRxMulticast	OCTET STRING,
ppMxpmRmonDailyIntfcSRxPause	OCTET STRING,

```

ppMxpmRmonDailyIntfcSRxCrcError      OCTET STRING,
ppMxpmRmonDailyIntfcSRxFragments      OCTET STRING,
ppMxpmRmonDailyIntfcSRx64Octets       OCTET STRING,
ppMxpmRmonDailyIntfcSRx65to127Octets  OCTET STRING,
ppMxpmRmonDailyIntfcSRx128to255Octets OCTET STRING,
ppMxpmRmonDailyIntfcSRx256to511Octets OCTET STRING,
ppMxpmRmonDailyIntfcSRx512to1023Octets OCTET STRING,
ppMxpmRmonDailyIntfcSRx1024to1536Octets OCTET STRING,
ppMxpmRmonDailyIntfcSRx1537toMaxSizeOctets OCTET STRING,
ppMxpmRmonDailyIntfcSRxJabbers        OCTET STRING,
ppMxpmRmonDailyIntfcSTxUnicast        OCTET STRING,
ppMxpmRmonDailyIntfcSTxBroadcast      OCTET STRING,
ppMxpmRmonDailyIntfcSTxMulticast      OCTET STRING,
ppMxpmRmonDailyIntfcSTxPause          OCTET STRING,
ppMxpmRmonDailyIntfcSTxTotalCollision OCTET STRING,
ppMxpmRmonDailyIntfcSRxAlignmentError  OCTET STRING,
ppMxpmRmonDailyIntfcSRxSymbolError    OCTET STRING,
ppMxpmRmonDailyIntfcSRxUndersize      OCTET STRING
}

ppMxpmRmonDailyIntfcSPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Pasolink IP Address Index"
    ::= { ppMxpmRmonDailyIntfcSDataEntry 1 }

ppMxpmRmonDailyIntfcSPortName OBJECT-TYPE
    SYNTAX      INTEGER {
                                linePort1(1),
                                linePort2(2),
                                dmrPort1(3),
                                dmrPort2(4)
                            }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "Rmon PORT INDEX(IntfcS)
                1:LINE PORT1
                2:LINE PORT2
                3:DMR PORT1
                4:DMR PORT2
                "
    ::= { ppMxpmRmonDailyIntfcSDataEntry 2 }

ppMxpmRmonDailyIntfcSRxUnicast OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (4))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonDailyIntfcSRxUnicast
                FLAG=BITCNT(32)"
    ::= { ppMxpmRmonDailyIntfcSDataEntry 3 }

ppMxpmRmonDailyIntfcSRxBroadcast OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (4))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonDailyIntfcSRxBroadcast
                FLAG=BITCNT(32)"
    ::= { ppMxpmRmonDailyIntfcSDataEntry 4 }

ppMxpmRmonDailyIntfcSRxMulticast OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (4))
    ACCESS      read-only

```



```

STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRxMulticast
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 5 }

ppMxpmRmonDailyIntfcSRxPause OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRxPause
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 6 }

ppMxpmRmonDailyIntfcSRxCrcError OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRxCrcError
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 7 }

ppMxpmRmonDailyIntfcSRxFragments OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRxFragments
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 8 }

ppMxpmRmonDailyIntfcSRx64Octets OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRx64Octets
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 9 }

ppMxpmRmonDailyIntfcSRx65to127Octets OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRx65to127Octets
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 10 }

ppMxpmRmonDailyIntfcSRx128to255Octets OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRx128to255Octets
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 11 }

ppMxpmRmonDailyIntfcSRx256to511Octets OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))
ACCESS          read-only
STATUS          mandatory
DESCRIPTION     "ppMxpmRmonDailyIntfcSRx256to511Octets
                  FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 12 }

ppMxpmRmonDailyIntfcSRx512to1023Octets OBJECT-TYPE
SYNTAX          OCTET STRING (SIZE (4))

```

ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSRx512to1023Octets
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 13 }

ppMxpmRmonDailyIntfcSRx1024to1536Octets OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSRx1024to1536Octets
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 14 }

ppMxpmRmonDailyIntfcSRx1537toMaxSizeOctets OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSRx1537toMaxSizeOctets
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 15 }

ppMxpmRmonDailyIntfcSRxJabbers OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSRxJabbers
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 16 }

ppMxpmRmonDailyIntfcSTxUnicast OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSTxUnicast
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 17 }

ppMxpmRmonDailyIntfcSTxBroadcast OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSTxBroadcast
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 18 }

ppMxpmRmonDailyIntfcSTxMulticast OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSTxMulticast
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 19 }

ppMxpmRmonDailyIntfcSTxPause OBJECT-TYPE
 SYNTAX OCTET STRING (SIZE (4))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonDailyIntfcSTxPause
 FLAG=BITCNT(32)"
 ::= { ppMxpmRmonDailyIntfcSDataEntry 20 }

ppMxpmRmonDailyIntfcSTxTotalCollision OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "ppMxpmRmonDailyIntfcSTxTotalCollision
When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 21 }

ppMxpmRmonDailyIntfcSRxAlignmentError OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "ppMxpmRmonDailyIntfcSRxAlignmentError
When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 22 }

ppMxpmRmonDailyIntfcSRxSymbolError OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "ppMxpmRmonDailyIntfcSRxSymbolError
When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 23 }

ppMxpmRmonDailyIntfcSRxUndersize OBJECT-TYPE
SYNTAX OCTET STRING (SIZE (4))
ACCESS read-only
STATUS mandatory
DESCRIPTION "ppMxpmRmonDailyIntfcSRxUndersize
When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
FLAG=BITCNT(32)"
::= { ppMxpmRmonDailyIntfcSDataEntry 24 }

ppMxpmRmonWeeklyData OBJECT IDENTIFIER
::= { ppMxPmonInfo 4 }

ppMxpmRmonWeeklyIntfcMData OBJECT IDENTIFIER
::= { ppMxpmRmonWeeklyData 1 }

ppMxpmRmonWeeklyIntfcMInfoDataTable OBJECT-TYPE
SYNTAX SEQUENCE OF PpMxpmRmonWeeklyIntfcMInfoDataEntry
ACCESS not-accessible
STATUS mandatory
DESCRIPTION "ppMxpmRmonWeeklyIntfcMInfoDataTable
TABSZ=8"
::= { ppMxpmRmonWeeklyIntfcMData 1 }

ppMxpmRmonWeeklyIntfcMInfoDataEntry OBJECT-TYPE
SYNTAX PpMxpmRmonWeeklyIntfcMInfoDataEntry
ACCESS not-accessible
STATUS mandatory
DESCRIPTION "ppMxpmRmonWeeklyIntfcMInfoDataEntry"
INDEX {
ppMxpmRmonWeeklyIntfcMInfoPasoIndex,
ppMxpmRmonWeeklyIntfcMInfoPortName
}
::= { ppMxpmRmonWeeklyIntfcMInfoDataTable 1 }

PpMxpmRmonWeeklyIntfcMInfoDataEntry ::= SEQUENCE {
ppMxpmRmonWeeklyIntfcMInfoPasoIndex IpAddress,
ppMxpmRmonWeeklyIntfcMInfoPortName INTEGER,
ppMxpmRmonWeeklyIntfcMInfoStatus INTEGER,

```

        ppMxpmRmonWeeklyIntfcMInfoPortUsage  INTEGER
    }

ppMxpmRmonWeeklyIntfcMInfoPasoIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) Pasolink IP Address Index"
    ::= { ppMxpmRmonWeeklyIntfcMInfoDataEntry 1 }

ppMxpmRmonWeeklyIntfcMInfoPortName OBJECT-TYPE
    SYNTAX      INTEGER {
        linePort1(1),
        linePort2(2),
        linePort3(3),
        linePort4(4),
        dmrPort1(5),
        dmrPort2(6),
        dmrPort3(7),
        dmrPort4(8)
    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) Rmon PORT INDEX(IntfcMInfo)
        1:LINE PORT1
        2:LINE PORT2
        3:LINE PORT3
        4:LINE PORT4
        5:DMR PORT1
        6:DMR PORT2
        7:DMR PORT3
        8:DMR PORT4"
    ::= { ppMxpmRmonWeeklyIntfcMInfoDataEntry 2 }

ppMxpmRmonWeeklyIntfcMInfoStatus OBJECT-TYPE
    SYNTAX      INTEGER ( 0..4 )
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) STATUS
        not_obtain(0),
        valid_not_maint(1),
        valid_maint(2),
        invalid_not_maint(3),
        invalid_maint(4)"
    ::= { ppMxpmRmonWeeklyIntfcMInfoDataEntry 3 }

ppMxpmRmonWeeklyIntfcMInfoPortUsage OBJECT-TYPE
    SYNTAX      INTEGER ( 0..2 )
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) PORT USAGE
        Invalid(0),
        used(1),
        not_used(2)
        "
    ::= { ppMxpmRmonWeeklyIntfcMInfoDataEntry 4 }

ppMxpmRmonWeeklyIntfcMDataTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxpmRmonWeeklyIntfcMDataTableEntry
    ACCESS      not-accessible
    STATUS      mandatory

```

DESCRIPTION "ppMxpmRmonWeeklyIntfcMDataTable
TABSZ=8"
::= { ppMxpmRmonWeeklyIntfcMData 2 }

ppMxpmRmonWeeklyIntfcMDataEntry OBJECT-TYPE

SYNTAX PpMxpmRmonWeeklyIntfcMDataEntry
ACCESS not-accessible
STATUS mandatory
DESCRIPTION "Each item of this table is represented as follows:

o OCTET STRING of each value is represented 5byte Interger(little
endian).
o When a value is overflow, most significant bit is 1.
"

INDEX {
ppMxpmRmonWeeklyIntfcMPasoIndex,
ppMxpmRmonWeeklyIntfcMPortName
}
::= { ppMxpmRmonWeeklyIntfcMDataTable 1 }

PpMxpmRmonWeeklyIntfcMDataEntry ::= SEQUENCE {

ppMxpmRmonWeeklyIntfcMPasoIndex	IpAddress,
ppMxpmRmonWeeklyIntfcMPortName	INTEGER,
ppMxpmRmonWeeklyIntfcMRxUnicast	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxBroadcast	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxMulticast	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxPause	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxCrcError	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxFragments	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx64Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx65to127Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx128to255Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx256to511Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx512to1023Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx1024to1536Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRx1537toMaxSizeOctets	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxJabbers	OCTET STRING,
ppMxpmRmonWeeklyIntfcMTxUnicast	OCTET STRING,
ppMxpmRmonWeeklyIntfcMTxBroadcast	OCTET STRING,
ppMxpmRmonWeeklyIntfcMTxMulticast	OCTET STRING,
ppMxpmRmonWeeklyIntfcMTxPause	OCTET STRING,
ppMxpmRmonWeeklyIntfcMTxTotalCollision	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxAlignmentError	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxSymbolError	OCTET STRING,
ppMxpmRmonWeeklyIntfcMRxUndersize	OCTET STRING

}

ppMxpmRmonWeeklyIntfcMPasoIndex OBJECT-TYPE

SYNTAX IpAddress
ACCESS read-only
STATUS mandatory
DESCRIPTION "(Not used) Pasolink IP Address Index"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 1 }

ppMxpmRmonWeeklyIntfcMPortName OBJECT-TYPE

SYNTAX INTEGER {
linePort1(1),
linePort2(2),
linePort3(3),
linePort4(4),
dmrPort1(5),
dmrPort2(6),
dmrPort3(7),
dmrPort4(8)

```

    }
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) Rmon PORT INDEX(IntfcM)
                  1:LINE PORT1
                  2:LINE PORT2
                  3:LINE PORT3
                  4:LINE PORT4
                  5:DMR PORT1
                  6:DMR PORT2
                  7:DMR PORT3
                  8:DMR PORT4"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 2 }

ppMxpmRmonWeeklyIntfcMRxUnicast OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) ppMxpmRmonWeeklyIntfcMRxUnicast
                  FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 3 }

ppMxpmRmonWeeklyIntfcMRxBroadcast OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) ppMxpmRmonWeeklyIntfcMRxBroadcast
                  FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 4 }

ppMxpmRmonWeeklyIntfcMRxMulticast OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) ppMxpmRmonWeeklyIntfcMRxMulticast
                  FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 5 }

ppMxpmRmonWeeklyIntfcMRxPause OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) ppMxpmRmonWeeklyIntfcMRxPause
                  FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 6 }

ppMxpmRmonWeeklyIntfcMRxCrcError OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) ppMxpmRmonWeeklyIntfcMRxCrcError
                  FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 7 }

ppMxpmRmonWeeklyIntfcMRxFragments OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "(Not used) ppMxpmRmonWeeklyIntfsMRxFragments
                  FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcMDataEntry 8 }

ppMxpmRmonWeeklyIntfcMRx64Octets OBJECT-TYPE

```

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx64Octets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 9 }	

ppMxpmRmonWeeklyIntfcMRx65to127Octets OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx65to127Octets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 10 }	

ppMxpmRmonWeeklyIntfcMRx128to255Octets OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx128to255Octets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 11 }	

ppMxpmRmonWeeklyIntfcMRx256to511Octets OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx256to511Octets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 12 }	

ppMxpmRmonWeeklyIntfcMRx512to1023Octets OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx512to1023Octets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 13 }	

ppMxpmRmonWeeklyIntfcMRx1024to1536Octets OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx1024to1536Octets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 14 }	

ppMxpmRmonWeeklyIntfcMRx1537toMaxSizeOctets OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRx1537toMaxSizeOctets FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 15 }	

ppMxpmRmonWeeklyIntfcMRxJabbers OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"(Not used) ppMxpmRmonWeeklyIntfsMRxJabbers FLAG=BITCNT(40)"
::= { ppMxpmRmonWeeklyIntfcMDataEntry 16 }	

ppMxpmRmonWeeklyIntfcMTxUnicast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMTxUnicast
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 17 }

ppMxpmRmonWeeklyIntfcMTxBroadcast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used)ppMxpmRmonWeeklyIntfsMTxBroadcast
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 18 }

ppMxpmRmonWeeklyIntfcMTxMulticast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMTxMulticast
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 19 }

ppMxpmRmonWeeklyIntfcMTxPause OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMTxPause
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 20 }

ppMxpmRmonWeeklyIntfcMTxTotalCollision OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMTxTotalCollision
 When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 21 }

ppMxpmRmonWeeklyIntfcMRxAlignmentError OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMRxAlignmentError
 When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 22 }

ppMxpmRmonWeeklyIntfcMRxSymbolError OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMRxSymbolError
 When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 23 }

ppMxpmRmonWeeklyIntfcMRxUndersize OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory

DESCRIPTION "(Not used) ppMxpmRmonWeeklyIntfsMRxUndersize
 When PortName is dmrPort1(5) to DmrPort4(8), Not Used (0 fixed)
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcMDataEntry 24 }

ppMxpmRmonWeeklyIntfcSData OBJECT IDENTIFIER
 ::= { ppMxpmRmonWeeklyData 2 }

ppMxpmRmonWeeklyIntfcSInfoDataTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PpMxpmRmonWeeklyIntfcSInfoDataEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfcSInfoDataTable
 TABSZ=4"
 ::= { ppMxpmRmonWeeklyIntfcSData 1 }

ppMxpmRmonWeeklyIntfcSInfoDataEntry OBJECT-TYPE
 SYNTAX PpMxpmRmonWeeklyIntfcSInfoDataEntry
 ACCESS not-accessible
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfcSInfoDataEntry"
 INDEX {
 ppMxpmRmonWeeklyIntfcSInfoPasoIndex,
 ppMxpmRmonWeeklyIntfcSInfoPortName
 }
 ::= { ppMxpmRmonWeeklyIntfcSInfoDataTable 1 }

PpMxpmRmonWeeklyIntfcSInfoDataEntry ::= SEQUENCE {
 ppMxpmRmonWeeklyIntfcSInfoPasoIndex IpAddress,
 ppMxpmRmonWeeklyIntfcSInfoPortName INTEGER,
 ppMxpmRmonWeeklyIntfcSInfoStatus INTEGER,
 ppMxpmRmonWeeklyIntfcSInfoPortUsage INTEGER
 }

ppMxpmRmonWeeklyIntfcSInfoPasoIndex OBJECT-TYPE
 SYNTAX IpAddress
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Pasolink IP Address Index"
 ::= { ppMxpmRmonWeeklyIntfcSInfoDataEntry 1 }

ppMxpmRmonWeeklyIntfcSInfoPortName OBJECT-TYPE
 SYNTAX INTEGER {
 linePort1(1),
 linePort2(2),
 dmrPort1(3),
 dmrPort2(4)
 }
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "Rmon PORT INDEX(IntfcS)
 1:LINE PORT1
 2:LINE PORT2
 3:DMR PORT1
 4:DMR PORT2
 "
 ::= { ppMxpmRmonWeeklyIntfcSInfoDataEntry 2 }

ppMxpmRmonWeeklyIntfcSInfoStatus OBJECT-TYPE
 SYNTAX INTEGER (0..4)
 ACCESS read-only
 STATUS mandatory

DESCRIPTION " STATUS

not_obtain(0),
valid_not_maint(1),
valid_maint(2),
invalid_not_maint(3),
invalid_maint(4)"

::= { ppMxpmRmonWeeklyIntfcSInfoDataEntry 3 }

ppMxpmRmonWeeklyIntfcSInfoPortUsage OBJECT-TYPE

SYNTAX INTEGER (0..2)

ACCESS read-only

STATUS mandatory

DESCRIPTION " PORT USAGE

Invalid(0),
used(1),
not_used(2)

"

::= { ppMxpmRmonWeeklyIntfcSInfoDataEntry 4 }

ppMxpmRmonWeeklyIntfcSDataTable OBJECT-TYPE

SYNTAX SEQUENCE OF PpMxpmRmonWeeklyIntfcSDataEntry

ACCESS not-accessible

STATUS mandatory

DESCRIPTION "ppMxpmRmonWeeklyIntfcSDataTable
TABSZ=4"

::= { ppMxpmRmonWeeklyIntfcSData 2 }

ppMxpmRmonWeeklyIntfcSDataEntry OBJECT-TYPE

SYNTAX PpMxpmRmonWeeklyIntfcSDataEntry

ACCESS not-accessible

STATUS mandatory

DESCRIPTION "Each item of this table is represented as follows:

- o OCTET STRING of each value is represented 5byte Interger(little
- o When a value is overflow, most significant bit is 1.

"

endian).

INDEX {

ppMxpmRmonWeeklyIntfcSPasoIndex,
ppMxpmRmonWeeklyIntfcSPortName

}

::= { ppMxpmRmonWeeklyIntfcSDataTable 1 }

PpMxpmRmonWeeklyIntfcSDataEntry ::= SEQUENCE {

ppMxpmRmonWeeklyIntfcSPasoIndex	IpAddress,
ppMxpmRmonWeeklyIntfcSPortName	INTEGER,
ppMxpmRmonWeeklyIntfcSRxUnicast	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxBroadcast	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxMulticast	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxPause	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxCrcError	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxFragments	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx64Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx65to127Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx128to255Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx256to511Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx512to1023Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx1024to1536Octets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRx1537toMaxSizeOctets	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxJabbers	OCTET STRING,
ppMxpmRmonWeeklyIntfcSTxUnicast	OCTET STRING,
ppMxpmRmonWeeklyIntfcSTxBroadcast	OCTET STRING,
ppMxpmRmonWeeklyIntfcSTxMulticast	OCTET STRING,

ppMxpmRmonWeeklyIntfcSTxPause	OCTET STRING,
ppMxpmRmonWeeklyIntfcSTxTotalCollision	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxAlignmentError	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxSymbolError	OCTET STRING,
ppMxpmRmonWeeklyIntfcSRxUndersize	OCTET STRING
}	

ppMxpmRmonWeeklyIntfcSPasolIndex OBJECT-TYPE

SYNTAX	IpAddress
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Pasolink IP Address Index"
::=	{ ppMxpmRmonWeeklyIntfcSDataEntry 1 }

ppMxpmRmonWeeklyIntfcSPortName OBJECT-TYPE

SYNTAX	INTEGER {
	linePort1(1),
	linePort2(2),
	dmrPort1(3),
	dmrPort2(4)
	}
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Rmon PORT INDEX(IntfcS)
	1:LINE PORT1
	2:LINE PORT2
	3:DMR PORT1
	4:DMR PORT2
	"
::=	{ ppMxpmRmonWeeklyIntfcSDataEntry 2 }

ppMxpmRmonWeeklyIntfcSRxUnicast OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ppMxpmRmonWeeklyIntfcSRxUnicast
	FLAG=BITCNT(40)"
::=	{ ppMxpmRmonWeeklyIntfcSDataEntry 3 }

ppMxpmRmonWeeklyIntfcSRxBroadcast OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ppMxpmRmonWeeklyIntfcSRxBroadcast
	FLAG=BITCNT(40)"
::=	{ ppMxpmRmonWeeklyIntfcSDataEntry 4 }

ppMxpmRmonWeeklyIntfcSRxMulticast OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ppMxpmRmonWeeklyIntfcSRxMulticast
	FLAG=BITCNT(40)"
::=	{ ppMxpmRmonWeeklyIntfcSDataEntry 5 }

ppMxpmRmonWeeklyIntfcSRxPause OBJECT-TYPE

SYNTAX	OCTET STRING (SIZE (5))
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"ppMxpmRmonWeeklyIntfcSRxPause
	FLAG=BITCNT(40)"
::=	{ ppMxpmRmonWeeklyIntfcSDataEntry 6 }

```

ppMxpmRmonWeeklyIntfcSRxCrcError OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfcSRxCrcError
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 7 }

ppMxpmRmonWeeklyIntfcSRxFragments OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRxFragments
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 8 }

ppMxpmRmonWeeklyIntfcSRx64Octets OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx64Octets
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 9 }

ppMxpmRmonWeeklyIntfcSRx65to127Octets OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx65to127Octets
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 10 }

ppMxpmRmonWeeklyIntfcSRx128to255Octets OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx128to255Octets
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 11 }

ppMxpmRmonWeeklyIntfcSRx256to511Octets OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx256to511Octets
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 12 }

ppMxpmRmonWeeklyIntfcSRx512to1023Octets OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx512to1023Octets
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 13 }

ppMxpmRmonWeeklyIntfcSRx1024to1536Octets OBJECT-TYPE
    SYNTAX      OCTET STRING (SIZE (5))
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx1024to1536Octets
                FLAG=BITCNT(40)"
    ::= { ppMxpmRmonWeeklyIntfcSDataEntry 14 }

```

ppMxpmRmonWeeklyIntfcSRx1537toMaxSizeOctets OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMRx1537toMaxSizeOctets
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 15 }

ppMxpmRmonWeeklyIntfcSRxJabbers OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMRxJabbers
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 16 }

ppMxpmRmonWeeklyIntfcSTxUnicast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMTxUnicast
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 17 }

ppMxpmRmonWeeklyIntfcSTxBroadcast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMTxBroadcast
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 18 }

ppMxpmRmonWeeklyIntfcSTxMulticast OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMTxMulticast
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 19 }

ppMxpmRmonWeeklyIntfcSTxPause OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMTxPause
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 20 }

ppMxpmRmonWeeklyIntfcSTxTotalCollision OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMTxTotalCollision
 When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
 FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 21 }

ppMxpmRmonWeeklyIntfcSRxAlignmentError OBJECT-TYPE

SYNTAX OCTET STRING (SIZE (5))
 ACCESS read-only
 STATUS mandatory
 DESCRIPTION "ppMxpmRmonWeeklyIntfsMRxAlignmentError
 When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)

```

                                FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 22 }

```

```

ppMxpmRmonWeeklyIntfcSRxSymbolError OBJECT-TYPE
    SYNTAX          OCTET STRING (SIZE (5))
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "ppMxpmRmonWeeklyIntfsMRxSymbolError
                    When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
                    FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 23 }

```

```

ppMxpmRmonWeeklyIntfcSRxUndersize OBJECT-TYPE
    SYNTAX          OCTET STRING (SIZE (5))
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "ppMxpmRmonWeeklyIntfsMRxUndersize
                    When PortName is dmrPort1(3) to DmrPort2(4), Not Used (0 fixed)
                    FLAG=BITCNT(40)"
 ::= { ppMxpmRmonWeeklyIntfcSDataEntry 24 }

```

```

-----
-- ppMxAuxIOInfo Group Definitions
-----

```

```

ppMxAuxInputItemTable OBJECT-TYPE
    SYNTAX          SEQUENCE OF PpMxAuxInputItemEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "AUX. Input Table"
 ::= { ppMxAuxIOInfo 1 }

```

```

ppMxAuxInputItemEntry OBJECT-TYPE
    SYNTAX          PpMxAuxInputItemEntry
    ACCESS          not-accessible
    STATUS          mandatory
    DESCRIPTION     "AUX. Input Table Entry"
    INDEX          {
                                ppMxAuxInputItemPasolIndex,
                                ppMxAuxInputItemIndex
                        }
 ::= { ppMxAuxInputItemTable 1 }

```

```

PpMxAuxInputItemEntry ::= SEQUENCE {
                                ppMxAuxInputItemPasolIndex  IpAddress,
                                ppMxAuxInputItemIndex        INTEGER,
                                ppMxAuxInputItemValue         DeactiveActive01Value
                        }

```

```

ppMxAuxInputItemPasolIndex OBJECT-TYPE
    SYNTAX          IpAddress
    ACCESS          read-only
    STATUS          mandatory
    DESCRIPTION     "Pasolink IP Address Index"
 ::= { ppMxAuxInputItemEntry 1 }

```

```

ppMxAuxInputItemIndex OBJECT-TYPE
    SYNTAX          INTEGER {
                                hk-in1(1),
                                hk-in2(2),
                                hk-in3(3),
                                hk-in4(4),

```

```

                                hk-in5(5),
                                hk-in6(6)
                                }
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "AUX INPUT INDEX"
::= { ppMxAuxInputItemEntry 2 }

ppMxAuxInputItemValue OBJECT-TYPE
SYNTAX      DeactiveActive01Value
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "0:INVALID, 1:EVENT OFF-OPEN LOOP, 2:EVENT ON-CLOSE LOOP
                                FLAG=TRAP|EVLOG
                                LOGITEM='%s'
                                LOGSTATUS='%s'

LOGFLAG='LII_I_HK_NAME_IN|LII_S_HK_NAME_IN|LII_T_HK_NAME_IN'
                                TRAP=statusTrapPpMxAuxInput"
::= { ppMxAuxInputItemEntry 3 }

ppMxAuxOutputItemTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PpMxAuxOutputItemEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION "AUX. Output Table"
::= { ppMxAuxIOInfo 2 }

ppMxAuxOutputItemEntry OBJECT-TYPE
SYNTAX      PpMxAuxOutputItemEntry
ACCESS      not-accessible
STATUS      mandatory
DESCRIPTION "AUX. Output Table Entry"
INDEX       {
                                ppMxAuxOutputItemPasoIndex,
                                ppMxAuxOutputItemIndex
                                }
::= { ppMxAuxOutputItemTable 1 }

PpMxAuxOutputItemEntry ::= SEQUENCE {
                                ppMxAuxOutputItemPasoIndex IpAddress,
                                ppMxAuxOutputItemIndex    INTEGER,
                                ppMxAuxOutputItemValue     DeactiveActive01Value
                                }

ppMxAuxOutputItemPasoIndex OBJECT-TYPE
SYNTAX      IpAddress
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "Pasolink IP Address Index"
::= { ppMxAuxOutputItemEntry 1 }

ppMxAuxOutputItemIndex OBJECT-TYPE
SYNTAX      INTEGER {
                                hk-out1(1),
                                hk-out2(2),
                                hk-out3(3),
                                hk-out4(4)
                                }
ACCESS      read-only
STATUS      mandatory
DESCRIPTION "AUX. OUTPUT INDEX"
::= { ppMxAuxOutputItemEntry 2 }

```

```

ppMxAuxOutputItemValue OBJECT-TYPE
    SYNTAX      DeactiveActive01Value
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "0:INVALID, 1:EVENT OFF-OPEN LOOP, 2:EVENT ON-CLOSE LOOP
                  FLAG=TRAP|EVLOG
                  LOGITEM='%s'
                  LOGSTATUS='%s'
                  LOGFLAG='LII_I_HK_NAME_OUT|LII_S_HK_NAME_OUT'
                  TRAP=eventTrapPpMxAuxOutput"
    ::= { ppMxAuxOutputItemEntry 3 }

```

-- ppMxAuxIOInfo Group Definitions

```

ppMxGetMeteringInfoData OBJECT IDENTIFIER
    ::= { ppMxGetMeasurementData 1 }

```

```

ppMxGetMeteringInfoDataTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PpMxGetMeteringInfoDataEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Measurement Data Table"
    ::= { ppMxGetMeteringInfoData 1 }

```

```

ppMxGetMeteringInfoDataEntry OBJECT-TYPE
    SYNTAX      PpMxGetMeteringInfoDataEntry
    ACCESS      not-accessible
    STATUS      mandatory
    DESCRIPTION  "Measurement Table Entry"
    INDEX { ppMxgmiManagerIndex }
    ::= { ppMxGetMeteringInfoDataTable 1 }

```

```

PpMxGetMeteringInfoDataEntry ::= SEQUENCE {
    ppMxgmiManagerIndex      IpAddress,
    ppMxgmiRequestID         INTEGER,
    ppMxgmiTargetPasolink    IpAddress,
    ppMxgmiDataStatus        INTEGER
}

```

```

ppMxgmiManagerIndex OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-only
    STATUS      mandatory
    DESCRIPTION  "Higher-level manager IpAddress"
    ::= { ppMxGetMeteringInfoDataEntry 1 }

```

```

ppMxgmiRequestID OBJECT-TYPE
    SYNTAX      INTEGER (1..9999)
    ACCESS      read-write
    STATUS      mandatory
    DESCRIPTION  "Request ID"
    ::= { ppMxGetMeteringInfoDataEntry 2 }

```

```

ppMxgmiTargetPasolink OBJECT-TYPE
    SYNTAX      IpAddress
    ACCESS      read-write
    STATUS      mandatory
    DESCRIPTION  "Target Pasolink IpAddress"
    ::= { ppMxGetMeteringInfoDataEntry 3 }

```

```

ppMxgmiDataStatus OBJECT-TYPE

```


SYNTAX	INTEGER (0..3)
ACCESS	read-only
STATUS	mandatory
DESCRIPTION	"Data Status invalid(0), ready(1), wait(2), fail(3)"

::= { ppMxGetMeteringInfoDataEntry 4 }

-- End User MIB Object Definitions

END