NEC

P ASOLINK

N ETWORK

M ANAGEMENT

S YSTEM

SNMP Interface
Specification

for PASOLINK V4

(for PNMSj)

NEC Corporation

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CONTENTS

1 Introduction

This document describes the PASOLINK V4 Management Information Base (MIB) in detail and the interface between the PNMS and the higher-level manager for PASOLINK V4 radio equipmente (. General descriptions of the PNMS SNMP interface pertaining to hardware configuration, communication protocol, interface function and PNMS MIB in summary status (group [cluster) status and NE status) are provided in "PNMS SNMP Interface Specification".

NEC solely provides MIB information. The actual to upper(higher-level) management system integration work should be performed by the customer.

2 PASOLINK V4 MIB

This section describes PASOLINK V4 MIB in detail, providing MIB definitions of PASOLINK V4 equipment for the upper(higher-level) manager and its collection of Trap names and Trap numbers. The detailed MIB definition is provided in the PASOLINK-MIB file (refer to the Appendix 1).

The detailed MIB for PASOLINK V4 equipment is described below.

The MIB tree is shown in the following Figure 1. The first seven entries are NEC assigned MIB objects.


```
Iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).nec(119).nec-mib(2).
    necProductDepend(3).radioEquipment(69).pnms(201)
            system1(1)
            pasoCommon(101)
            pasolinkV4(108)
                pnmsPasoV4pmMePaso(1)
                    pasoV4mePasoValue (1)
                    pasoV4mePasoInventory(2)
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                    pasoV4pmTrapCommon(1)
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                    pasoV4pmTrapItemType(2)
                        pasoV4pmTotalSummaryTrapItemType(1)
                        pasoV4pmPartialSummaryTrapItemType(2)
                        pasoV4pmAlarmTrapItemType(3)
                        pasoV4pmEventTrapItemType(4)
                        pasoV4pmStatusTrapItemType(5)
                        pasoV4pmFilterTrapItemType(6)
                        pasoV4pmConfigTrapItemType(7)
                        pasoV4pmSystemTrapItemType(8)
                    pasoV4pmTrapItemVar(3)
                        pasoV4pmTotalSummaryTrapItemVar(1)
                        pasoV4pmPartialSummaryTrapItemVar(2)
                        pasoV4pmAlarmTrapItemVar(3)
                        pasoV4pmEventTrapItemVar(4)
                        pasoV4pmStatusTrapItemVar(5)
                pnmsPasoV4pmSummary(4)
```
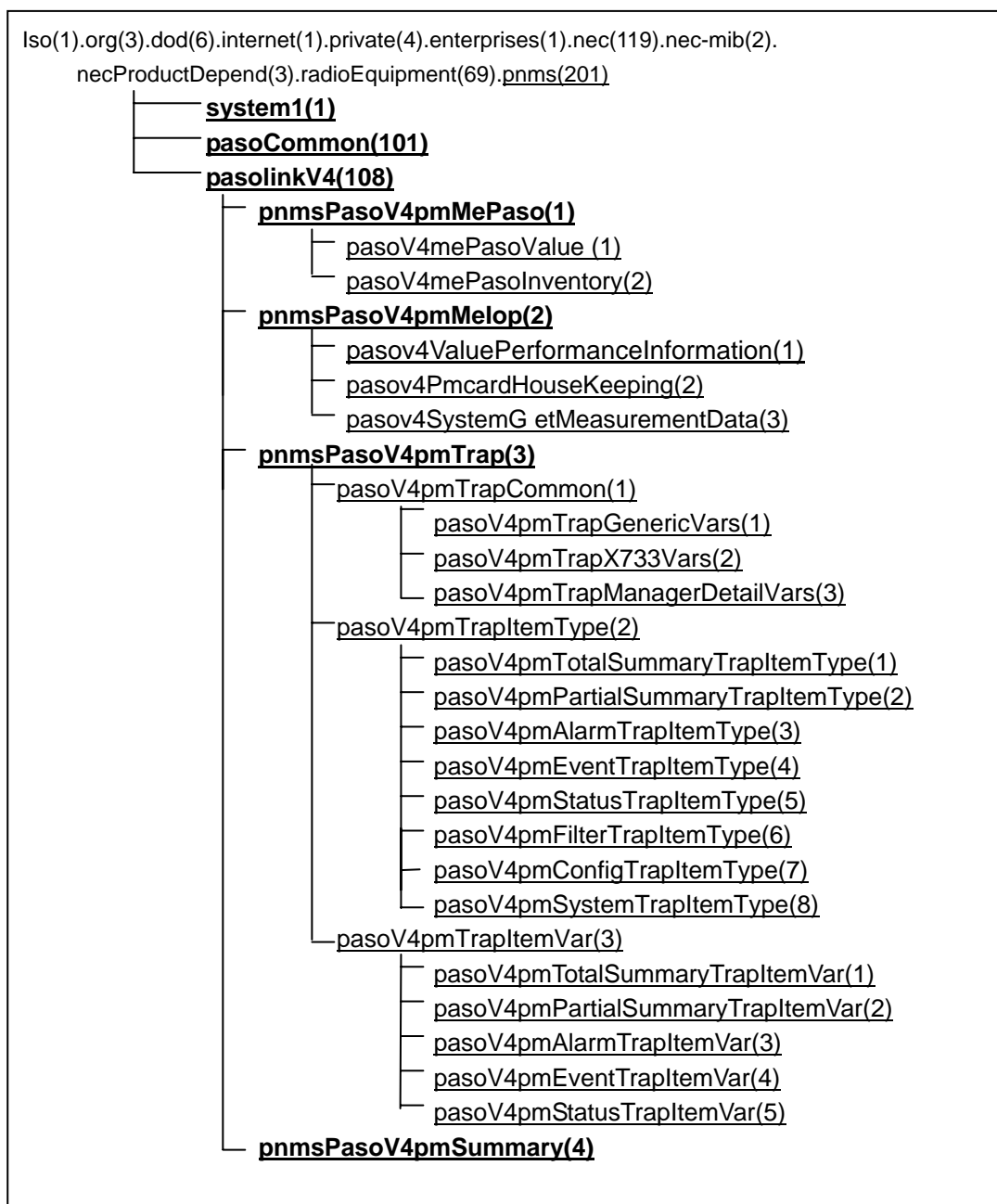
Figure 1 PASOLINK V4 MIB Tree

2.1   pasoV4pmSummaryItem group

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

- ODU summary status
- IDU summary status
- Auxiliary Input/output summary status
- Link performance monitor(LPM) summary status

2.1.1 pasoV4pmOtherSummaryTable

Object Name	ITEM	Trap Name	Trap Number
p4posPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4posPmcSummary	PMC Summary	v4partialSummaryTrapPmc	12
p4posAuxSummary	Aux. I/O Summary	v4partialSummaryTrapAux	13
p4posLpmSummary	Link Performance Monitor Summary	v4partialSummaryTrapLpm	14

2.1.2 pasoV4pmSummaryTable

Object Name	ITEM	Trap Name	Trap Number
v4psPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
v4psSummaryIndex	Summary Index	-----	-----
v4psOduSummary	ODU Summary	v4partialSummaryTrapOdu	10
v4psIduSummary	IDU Summary	v4partialSummaryTrapIdu	11

2.2 pasoV4mePasoValue group

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

2.2.1 pasoV4mePasoValueCommonTable

Object Name	ITEM	Trap Name	Trap Number
p4mpvcPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mpvcBitFree	Status of Bit Rate free setting Invalid (0) Fixed Rate (1) 2/4/8x2MB(2) 2/4/8/16x2MB(3) 2/4x2MB(4) 8/16x2MB(5)	-----	
p4mpvcWsInputLoss	WS Input Loss Invalid (0) Normal(1) Alarm(2)	alarmTrapV4WsInputLoss	103
p4mpvcWsAisRcvd	WS AIS RCVD Invalid (0) Normal(1) Rcvd (2)	statusTrapV4WsAisRcvd	503
p4mpvcWsBpOutputLoss	WS BP Output Loss Invalid (0) Normal(1) Alarm(2)	alarmTrapV4WsBpOutputLoss	104
p4mpvcWsAisSend	WS AIS SEND Invalid (0) Normal(1) Send (2)	statusTrapV4WsAisSend	504
p4mpvcWsAlmInh	WS Alarm Inhibit Invalid (0) On(1) Off (2)	eventTrapV4WsAlmInh	201
p4mpvcDemInv	DEM INVERT Invalid (0) Normal(1) Invert (2)	eventTrapV4DemInv	224
p4mpvcSc4Selector	SC4 Selector Invalid (0) Rs232 (1) Dsc64kG703 (2) Dsc64kV11 (3)	eventTrapV4Sc4Selector	204
p4mpvcSc5Selector	SC5 Selector Invalid (0) RS-485 term (1) RS-422 (2) RS-485 non term (3) RS-232C (4)	eventTrapV4Sc5Selector	205
p4mpvcRemote	Switch Mode Invalid (0) Auto (1) Remote (manual)(2)	eventTrapV4Remote	207

Object Name	ITEM	Trap Name	Trap Number
p4mpvc64kMount	64K Mount Invalid (0) Dsc64kV11(1) Dsc64kV11(2) Rs232(3)	-----	-----
p4mpvcWsMount	WS Mount Invalid (0) Mount (1) Not used (2)	-----	-----
p4mpvcTxSelected	Selected TX Invalid (0) No.1(1) No.2(2)	eventTrapV4TxSelected	208
p4mpvcRxSelected	Selected RX Invalid (0) No.1(1) No.2(2)	eventTrapV4RxSelected	209
p4mpvcTxSel	TX Switch Invalid (0) Auto (1) No.1(2) No.2(3)	eventTrapV4TxSel	221
p4mpvcRxSel	RX Switch Invalid (0) Auto (1) No.1(2) No.2(3)	eventTrapV4RxSel	220
p4mpvcTxSelAns	TX Sel Ans Invalid (0) Auto (1) No.1(2) No.2(3)	eventTrapV4TxSelAns	223
p4mpvcRxSelAns	RX Sel Ans Invalid (0) Auto (1) No.1(2) No.2(3)	eventTrapV4RxSelAns	222

2.2.2 pasoV4mePasoValueCommonChTable

Object Name	ITEM	Trap Name	Trap Number
p4mpvccPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mpvccChIndex	(is used as index of this table, 1-16)	-----	-----
p4mpvccInputLoss	Input loss Invalid (0) Normal(1) Alarm(2)	alarmTrapV4InputLoss	101
p4mpvccBpOutputLoss	BP Output Loss Invalid (0) Normal(1) Alarm(2)	alarmTrapV4BpOutputLoss	102
p4mpvccAisRcvd	AIS RCVD Invalid (0) Normal(1) Rcvd (2)	statusTrapV4AisRcvd	501
p4mpvccAisSend	AIS RCVD Invalid (0) Normal(1) Send (2)	statusTrapV4AisSend	502
p4mpvccLB2	LB2 Invalid (0) Off (1) On (2)	eventTrapV4Lb2	202
p4mpvccLB1	LB1 Invalid (0) Off (1) On (2)	eventTrapV4Lb1	203
p4mpvccAlmInh	Alarm Inhibit Invalid (0) Off (1) On (2)	eventTrapV4AlmInh	204

2.2.3 pasoV4mePasoValueIndvTable

Object Name	ITEM	Trap Name	Trap Number
p4mpviPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mpviIfIndex	(is used as index of this table,1-2)	-----	-----
p4mpviOpr	Loss of communication between IDU and ODU Invalid (0) Normal(1) Alarm(2)	alarmTrapV4OduIduLink	105
p4mpviIfinput	Loss of ODU IF input signal Invalid (0) Normal(1) Alarm(2)	alarmTrapV4IfInput	106
p4mpviRxApc	RX or IF local oscillator unlock Invalid (0) Normal(1) Alarm(2)	alarmTrapV4RxApc	107
p4mpviTxApc	TX or RF local oscillator unlock Invalid (0) Normal(1) Alarm(2)	alarmTrapV4TxApc	108
p4mpviRxLev	Loss of RF input Invalid (0) Normal(1) Alarm(2)	alarmTrapV4RxLev	109
p4mpviTxPwr	Decrease in TX power Invalid (0) Normal(1) Alarm(2)	alarmTrapV4TxPwr	110
p4mpviLoBer	BER greater than 10-6 Invalid (0) Normal(1) Alarm(2)	alarmTrapV4LoBer	111
p4mpviHiBer	BER greater than 10-3 Invalid (0) Normal(1) Alarm(2)	alarmTrapV4HiBer	112
p4mpviBer	BER greater than threshold level Invalid (0) Normal(1) Alarm(2)	alarmTrapV4Ber	113
p4mpviFrameAsync	Frame async Invalid (0) Normal(1) Alarm(2)	alarmTrapV4FrameAsync	114
p4mpviDem	Loss of IF input signal Invalid (0) Normal(1) Alarm(2)	alarmTrapV4Dem	115
p4mpviMod	IF local oscillator unlock Invalid (0) Normal(1) Alarm(2)	alarmTrapV4Mod	116
p4mpviCpuAlarm	CPU failure on MD Invalid (0) Normal(1) Alarm(2)	alarmTrapV4CpuAlarm	117

Object Name	ITEM	Trap Name	Trap Number
p4mpviTxClkLoss	Loss of 2M INTFC TX clock Invalid (0) Normal(1) Alarm(2)	alarmTrapV4TxClkLoss	118
p4mpviRxClkLoss	Loss of 2M INTFC RX clock Invalid (0) Normal(1) Alarm(2)	alarmTrapV4RxClkLoss	119
p4mpviFrameID	Frame ID setting Invalid (0) ID0(1) ID1(2) ID2(3) ID3(4) ID4(5) ID5(6) ID6(7) ID7(8)	eventTrapV4FrameID	210
p4mpviBerThreshold	BER threshold setting Invalid (0) 1e-3(1) 1e-4(2) 1e-5(3) 1e-6(4)	eventTrapV4BerThreshold	211
p4mpviAisRcvd	AIS RCVD on/off control Invalid (0) Off (1) On (2)	eventTrapV4AisRcvd	212
p4mpviAisSend	Status of AIS SEND on/off control Invalid (0) Off (1) On (2)	eventTrapV4AisSend	213
p4mpviTxAtt	MTPC TX Power[dB] (deal with this value as a negative value)	eventTrapV4TxAtt	214
p4mpviBerAis	BER AIS on/off control Invalid (0) Off (1) On (2)	eventTrapV4BerAis	215
p4mpviCw	Carrier Wave on/off control Invalid (0) Off (1) On (2)	eventTrapV4Cw	216
p4mpviMaint	Maint on/off control Invalid (0) Off (1) On (2)	eventTrapV4Maint	217
p4mpviMute	TX mute on/off control Invalid (0) Off (1) On (2)	eventTrapV4Mute	218

2.2.4 pasoV4mePasoV4ValueCommonTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4vcPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4vcV4Config	IDU&ODU Config 1+0(1) 1+0 Expandable (2) 1+1 Hot Standby (3) 1+1 Twin Path (4)	eventTrapV4Config	225
p4mp4vcV4ManualSw	Manual Switch Invalid (0) Auto (1) Manual (2)	eventTrapV4ManualSw	226
p4mp4vcV4BitRate	Status of Bit Rate setting Invalid (0) 2x2MB (1) 4x2MB (2) 8x2MB (3) 16x2MB (4) 1x8MB (5) 1x34MB (6) 4x1.5MB (7) 8x1.5MB (8) 1x45MB (9) 4x1.5MB (10) 8x1.5MB (11) 16x1.5MB (12)	eventTrapV4BitRate	227
p4mp4vcV4Sc2Mount	SC2 Mount Info. (ASC1 Mount) Invalid (0) ASC (1) 9.6K RS-232(2) 9.6K RS-422(3) LAN (4) ALM (5) Not used (6)	-----	-----
p4mp4vcV4Sc3Mount	SC3 Mount Info. (ASC2 Mount) Invalid (0) ASC (1) 9.6K RS-232(2) 9.6K RS-422(3) LAN (4) ALM (5) Not used (6)	-----	-----
p4mp4vcV4LanMount	LAN card Mount Info. Invalid (0) Mount (1) Not Mount (2)	eventTrapV4LanMount	228
p4mp4vcV4LanCardAlarm	LAN Card Alarm Invalid (0) Normal (1) Alarm (2)	alarmTrapV4LanCardAlarm	125
p4mp4vcV4FeLinkCtrl	Far End Link Down Invalid (0) Disable (1) Enable (2)	eventTrapV4FeLinkCtrl	229
p4mp4vcV4CollisionReport	NOT USED Invalid (0) Not reported (1) Reported (2)	-----	-----

Object Name	ITEM	Trap Name	Trap Number
p4mp4vcV4LanReset	NOT USED Invalid (0) Lan Reset (1)	-----	-----
p4mp4vcDsCableLengthWs	Cable Length Ws Invalid (0) Not used (1) 0-40m(0-133ft) (2) 40-81m(133-266ft) (3) 81-121m(266-399ft) (4)	eventTrapV4CableLengthWs	242
p4mp4vcCableLengthDs3	NOT USED Invalid (0) 0-68m(0-225ft) (1) 68-135m*225-450ft) (2)	eventTrapV4CableLength	244
p4mp4vcAisEnbDs3	DS3 Framed AIS Enable Invalid (0) Framed (1) Unframed (2)	eventTrapV4AisEnbDs3	240
p4mp4vcBipolarCodeWs	Bipolar Code Ws Invalid (0) B8ZS (1) AMI (2)	eventTrapV4BipolarCodeWs	241
p4mp4vcAlmcFuncEnable	ALMC Function Enable Information CH Usage Enable (0) NE500 Enable (1) LAN report Enable (2) TX SW priority Enable (3)	-----	-----
p4mp4vcTxSwPriority	TX Switch Priority Invalid (0) Non Priority (1) Priority No.1(2)	eventTrapV4TxSwPriority	253
p4mp4vcNe500Ctrl	NE500 Report Control Invalid (0) Reported (1) Not reported (2)	eventTrapV4Ne500Ctrl	254
p4mp4vcAisRcvdInh	NOT USED Invalid (0) Reported (1) Not reported (2)	eventTrapV4AisRcvdInh	255
p4mp4vcWsAisRcvdInh	WS AIS RCVD Report Control Invalid (0) Reported (1) Not reported (2)	eventTrapV4WsAisRcvdInh	256
p4mp4vcChUsageErrorCtrl	CH Usage Error Report Control Invalid (0) Not reported (1) Reported (2)	eventTrapV4ChUsageErrorCtrl	257
p4mp4vcChUsageError	NOT USED CH Usage Error Invalid (0) Normal (1) Alarm (2)	alarmTrapChUsageError	126
p4mp4vcWsChUsageError	WS CH Usage Error Invalid (0) Normal (1) Alarm (2)	alarmTrapWsChUsageError	127
p4mp4vcPortAlarm	PM-ALM/CONT communication Alarm Invalid (0) Normal (1) Alarm (2)	-----	-----
p4mp4vcHardwareYearMonth	Hardware Date of Manufacture	-----	-----

Object Name	ITEM	Trap Name	Trap Number
p4mp4vcSoftwareVersion	Software Version	-----	-----
p4mp4vcBerCurrentValue	BER Value	-----	-----
p4mp4vcEquipmentPmcType	PMC Type Invalid (0) North America Serial (17) North America LAN (18) CEPT Serial (33) CEPT LAN (34)	-----	-----
p4mp4vcCodeNo	Code No	-----	-----
p4mp4vcSerialNo	Serial No	-----	-----

2.2.5 pasoV4mePasoV4ValueCommonChTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4vcCHPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4vcCHIndex	(is used as index of this table, 1-16)	-----	-----
p4mp4vcCHAisRcvdInh	AIS RCVD Report Control Invalid (0) Reported (1) Not reported (2)	eventTrapV4AisRcvdInh	255
p4mp4vcCHChUsageError	CH Usage Error Invalid (0) Normal (1) Alarm (2)	alarmTrapChUsageError	126

2.2.6 pasoV4mePasoV4ValueCommonLanTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4vclPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4vclLanIndex	(is used as index of this table, 1-2)	-----	-----
p4mp4vclLanWanSel	Framing (LAN/WAN Select) Invalid (0) Off (1) On (2)	EventTrapV4LanWanSel	231
p4mp4vclLanFlowCtrl	LAN Flow Control Invalid (0) Off (1) On (2)	EventTrapV4FlowCtrl	234
p4mp4vclLanThroughput	LAN Throughput Invalid (0) Disable (1) 2MB/1.5MB (2) 4MB/3MB (3) 8MB/6MB (4) 16MB/12MB (5) 32MB/24MB (6)	eventTrapV4LanThroughput	230
p4mp4vclCasCtrl	CAS control Invalid (0) Off (1) On (2)	eventTrapV4CasCtrl	232

Object Name	ITEM	Trap Name	Trap Number
p4mp4vclCrcCtrl	CRC control Invalid (0) Off (1) On (2)	eventTrapV4CrcCtrl	233
p4mp4vclCollAlarm	Collision Alarm Invalid (0) Normal (1) Collision (2)	eventTrapV4CollAlarm	238
p4mp4vclLanLinkAlarm	LAN Link Alarm Invalid (0) Normal (1) Alarm (2)	alarmTrapV4LanLinkAlarm	124
p4mp4vclLanMode	LAN Mode Invalid (0) AUTONG *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)	eventTrapV4LanMode	235
p4mp4vclLanCollReport	LAN Collision Report Invalid (0) Not Reported (1) Reported (2)	eventTrapV4CollisionReport	236
p4mp4vclLanReset	LAN Reset Invalid (0) Lan Reset ((1)	eventTrapV4LanReset	237

2.2.7 pasoV4mePasoV4ValueCommonDsTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4vcdPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4vcdDsIndex	(is used as index of this table, 1-4)	-----	-----
p4mp4vcdCableLength	Cable Length	eventTrapV4CableLengthDs3	239
p4mp4vcdBipolarCode	Bipolar Code	-----	-----

2.2.8 pasoV4mePasoV4ValueIndvTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4viPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4viV4IfIndex	(is used as index of this table,1-2)	-----	-----
p4mp4viV4Mode	V3 / V4 mode Invalid (0) V3 (1) V4 (2)	-----	-----
p4mp4viV4Atpc	ATPC information Invalid (0) MTPC (1) ATPC (2)	eventTrapV4Atpc	245
p4mp4viV4AtpcRxThreshold	ATPC RX Threshold (deal with this value as a negative value)	eventTrapV4AtpcRxThreshold	246
p4mp4viV4AtpcMaxPower	ATPC Max Power (deal with this value as a negative value)	eventTrapV4AtpcMaxPower	247
p4mp4viV4AtpcMinPower	ATPC Min Power (deal with this value as a negative value)	eventTrapV4AtpcMinPower	248
p4mp4viV4OduAlmMode	ODU Alarm Mode Invalid (0) HOLD (1) MIN (2) MAX (3)	eventTrapV4OduAlmMode	249
p4mp4viV4TxFreq	TX RF frequency[MHz]	eventTrapV4TxFreq	250
p4mp4viV4RxFreq	RX RF frequency[MHz]	eventTrapV4RxFreq	251
p4mp4viV4AtpcManualCtrl	Setting of ATPC Manual control signal Invalid (0) Off (1) On (2)	eventTrapV4AtpcManualCtrl	258
p4mp4viV4BerAisMaint	Setting of BER AIS include to Maint Invalid (0) Enable (1) Disable (2)	eventTrapV4BerAisMaint	259
p4mp4viV4Version	Status of IDU and ODU mode Invalid (0) 3.0 (1) 3.1 (1)	-----	-----
p4mp4viV4V3D	Information of ODU Frequency Band Invalid (0) V3 (1) V3D (2)	-----	-----
p4mp4viV4TxFreqCh	TX RF frequency setting	eventTrapV4TxFreqCh	260
p4mp4viV4TxPowerMon	TX Power monitor	-----	-----
p4mp4viV4RxLevMon	RX Level monitor	-----	-----

2.3   pasoV4mePasoInventory group

2.3.1   pasoV4mePasoV4InvIndvTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4iiV4PasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4iiV4IfIndex	(is used as index of this table,1-2)	-----	-----
p4mp4iiV4OduRfBand	ODU RF Band	-----	-----
p4mp4iiV4OduShiftFreq	ODU Shift Frequency[MHz]	-----	-----
p4mp4iiV4OduChSepa	ODU Channel Separation	-----	-----
p4mp4iiV4OduSubBand	ODU Sub Band Invalid (0) Subband A (1) Subband B (2) Subband C (3) Subband D (4) Subband E (5) Subband F (6) Subband G (7) Subband H (8) Subband J (9) Subband K (10) Subband L (11) Subband M (12) Subband N (13) Subband P (14) Subband R (15) Subband X (16)	-----	-----
p4mp4iiV4OduLowHighBand	ODU Low/High Band Invalid (0) Low (1) High (2)	-----	-----
p4mp4iiV4OduCapacity	ODU Capacity Invalid (0) 8MB (1) 34MB (2)	-----	-----
p4mp4iiV4OduYearMonth	ODU Date of Manufacture	-----	-----
p4mp4iiV4OduCpuVersion	NOT USED	-----	-----
p4mp4iiV4OduSwVersion	ODU Software Version	-----	-----
p4mp4iiV4OduStartFreq	ODU Start Frequency[MHz]	-----	-----
p4mp4iiV4OduSerial	ODU Serial Number[MHz]	-----	-----
p4mp4iiV4OduMaxPower	ODU Max Power	-----	-----
p4mp4iiV4MdYearMonth	MD Date of Manufacture	-----	-----
p4mp4iiV4MdCpuVersion	NOT USED	-----	-----
p4mp4iiV4MdSoftVersion	MD Software Version	-----	-----
p4mp4iiV4MdSerial	MD Serial Number	-----	-----
p4mp4iiV4OduMaxCh	ODU Max Channel	-----	-----
p4mp4iiV4OduMinCh	ODU Min Channel	-----	-----

2.3.2 pasoV4mePasoV4InvCommTable

Object Name	ITEM	Trap Name	Trap Number
p4mp4icV4PasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4mp4icV4SwYearMonth	SW date of Manufacture	-----	-----
p4mp4icV4SwCpuVersion	NOT USED	-----	-----
p4mp4icV4SwSoftVersion	SW Software Version	-----	-----
p4mp4icV4SwSerial	SW Serial Number	-----	-----

2.4 pasoV4ValuePerformanceInformation group

2.4.1 pasoV4PmonDataTable

Object Name	ITEM	Trap Name	Trap Number
p4pdDataPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4pdDataItemName	Data Type Invalid (0) pmonBBE (1) pmonES (2) pmonSES (3) pmonUAS (4)	-----	-----
p4pdDataCurrent15minData	Totaling the data during 15min	-----	-----
p4pdDataCurrent15minStatus	Status of total 15min data Invalid (0) Normal (1) Alarm (2)	alarmTrapV4PmonDaily	120
p4pdDataCurrentDayData	Totaling the data during 1day	-----	-----
p4pdDataCurrentDayStatus	Status of total 1day data Invalid (0) Normal (1) Alarm (2)	alarmTrapV4PmonWeekly	121
p4pdDataHistory15minStatus	Daily alarm history Invalid (0) Normal (1) Alarm (2)	-----	-----
p4pdDataHistoryDayStatus	Weekly alarm history Invalid (0) Normal (1) Alarm (2)	-----	-----

2.4.2 pasov4PmonThresholdTable

Object Name	ITEM	Trap Name	Trap Number
p4ptThresholdPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4ptThresholdItemName	Data Type Invalid (0) pmonBBE (1) pmonES (2) pmonSES (3) pmonUAS (4)	-----	-----
p4ptThreshold15minOccur	Performance Monitor Threshold daily occurrence	-----	-----
p4ptThreshold15minRecover	Performance Monitor Threshold daily recovery	-----	-----
p4ptThresholdDayOccur	Performance Monitor Threshold weekly occurred	-----	-----
p4ptThresholdDayRecover	Performance Monitor Threshold weekly recovery	-----	-----

2.5 pasov4PmcardHouseKeeping

2.5.1 pasov4PmcardAuxInputTable

Object Name	ITEM	Trap Name	Trap Number
p4paiPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4paiPasoInputIndex	(is used as index of this table, 1-6)	-----	-----
p4paiPasoInputName	Aux. I/O input Name	configPasov4InputName	400
p4paiPasoInputStatus	Aux. I/O Input Status Invalid (0) Event Off-Open Loop (1) Event On-Close Loop (2)	statusTrapV4AuxInput -	505
p4paiPasoInputStatusType	Aux. I/O Input Status Type Invalid (0) Alarm When Event Off-Open Loop (1) Alarm When Event On-Close Loop (2) Status (3)	configPasov4InputCondition	401

2.5.2 pasov4PmcardAuxOutputTable

Object Name	ITEM	Trap Name	Trap Number
p4paoPasoIndex	Pasolink NE IP address (is used as index of this table)	-----	-----
p4paoPasoOutputIndex	(is used as index of this table, 1-4)	-----	-----
p4paoPasoOutputName	Aux. I/O Output Name	configPasov4OutputName	402
p4paoPasoOutputStatus	Aux. I/O Output Status Invalid (0) Event Off-Open Loop (1) Event On-Close Loop (2)	-----	-----

2.6   pasov4Get MeasurementData 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 for the equipment (which are not displayed in the Link Summary window) it is necessary to use the following procedure and the *pasov4GetMeasurement Table*.

<Measurement group>
p4mp4viV4TxPowerMon
p4mp4viV4RxLevMon

< pasov4PmonData group>
p4pdDataCurrent15minData	Not Used
p4pdDataCurrent15minStatus	Not Used
p4pdDataCurrentDayData	Not Used
p4pdDataCurrentDayStatus	Not Used
p4pdDataHistory15minStatus	Not Used
p4pdDataHistoryDayStatus	Not Used

Figure 2 describes the sequence of exchange in order to obtain monitoring numerical value of each PASOLINK by the upper(higher-level) manager.

Figure 2
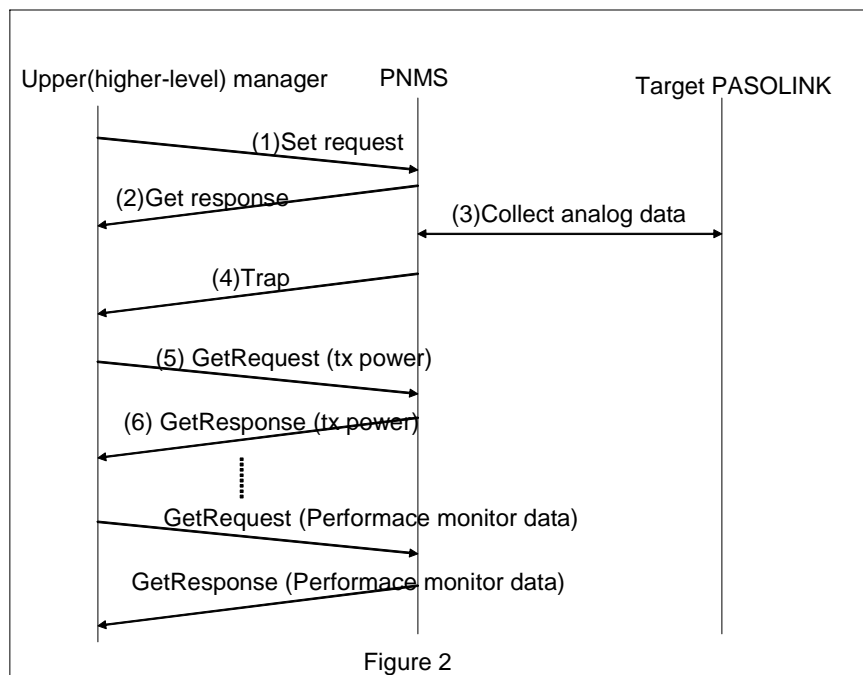
<Procedure>
1. The IP address for the equipment and the unique request ID, which is set on an upper(higher-level) manager according to the upper(higher-level) manager rule, are set to p4gmTargetPasolink and p4gmRequestID, respectively.
2. PNMS collects the above-mentioned information on the designated equipment.
3. PNMS notifies a upper(higher-level) manager of systemPasov4GetResult Trap (Trap Number=600) after completing collection.
4. An upper(higher-level) manager collects the above-mentioned information from PNMS after receiving a trap.

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

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

pasov4GetMeasurementTable

Object Name	ITEM	Trap Name	Trap Number
p4gmManagerIndex	Upper(higher-level) Manager IP address (is used as index of this table)	-----	-----
p4gmRequestID	Request ID	-----	-----
p4gmTargetPasolink	Target Pasolink IP address	-----	-----
p4gmDataStatus	Data Status Invalid (0) ready (1) wait (2) Failed (3)	-----	-----

Appendix 1

PASOLINK V4 MIB Definition

```
-----------------------------------------------
-- Pasolink V4 MIB Java Version
--
-- 1st 2003 JUN 26
-- 2nd 2003 Oct 27
-- 3rd 2003 Nov 10
-- 4th 2003 Nov 26
-- 5th 2005 Aug 04
-- 6th 2005 Oct 25
-- 7th 2005 Dec 29
-- 8th 2006 Jan 16
-- 9th 2006 Jan 18
-----------------------------------------------

MIB-PNMSJ-PASOLINK-V4 DEFINITIONS ::= BEGIN

-----------------------------------------------
-- Imports Definitions
-----------------------------------------------

        IMPORTS
                IpAddress,Counter,TimeTicks,enterprises
                        FROM RFC1155-SMI
                DisplayString
                        FROM RFC1213-MIB
                OBJECT-TYPE
                        FROM RFC-1212
                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),
                              lanError(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)


ManagerTypeValue          ::= TEXTUAL-CONVENTION
            STATUS          current
            DESCRIPTION     "ManagerType
                              invalid(0),
                              pnms(1),
                              pnmt(2),
                              generic(3)"
            SYNTAX          INTEGER (0..3)


ManagerStyleValue         ::= TEXTUAL-CONVENTION
            STATUS          current
```

```
                DESCRIPTION    "ManagerType
                                        invalid(0),
                                        local(1),
                                        remote(2),
                                        opposite(3),
                                        debug(100)"
                SYNTAX         INTEGER (0..3)
```

-- enterprises Group Definitions

```
        pasolinkV4 OBJECT IDENTIFIER
                ::= { pnms 108 }
```

-- pasolinkV3 Group Definitions

```
        pnmsPasoV4pmMePaso OBJECT IDENTIFIER
                ::= { pasolinkV4 1 }

        pnmsPasoV4pmMeIop OBJECT IDENTIFIER
                ::= { pasolinkV4 2 }

        pnmsPasoV4pmTrap OBJECT IDENTIFIER
                ::= { pasolinkV4 3 }

        pnmsPasoV4pmSummary OBJECT IDENTIFIER
                ::= { pasolinkV4 4 }
```

-- PVC V3

```
        pasoV4mePasoValue OBJECT IDENTIFIER
                ::= { pnmsPasoV4pmMePaso 1 }

        pasoV4mePasoValueCommonTable OBJECT-TYPE
                SYNTAX         SEQUENCE OF PasoV4mePasoValueCommonEntry
                ACCESS         not-accessible
                STATUS         mandatory
                DESCRIPTION    "Pasolink V4 Common Items"
                ::= { pasoV4mePasoValue 1 }

        pasoV4mePasoValueCommonEntry OBJECT-TYPE
                SYNTAX         PasoV4mePasoValueCommonEntry
                ACCESS         not-accessible
                STATUS         mandatory
                DESCRIPTION "Common Entry"
                INDEX          {
                                  p4mpvcPasoIndex
                        }
                ::= { pasoV4mePasoValueCommonTable 1 }

        PasoV4mePasoValueCommonEntry ::= SEQUENCE {
                p4mpvcPasoIndex                 IpAddress,
                p4mpvcBitFree                   INTEGER,
                p4mpvcWsInputLoss               INTEGER,
                p4mpvcWsAisRcvd                         INTEGER,
```

```
                p4mpvcWsBpOutputLoss    INTEGER,
                p4mpvcWsAisSend                         INTEGER,
                p4mpvcWsAlmInh                  INTEGER,
                p4mpvcDemInv            INTEGER,
                p4mpvcSc4Selector               INTEGER,
                p4mpvcSc5Selector               INTEGER,
                p4mpvcRemote                    INTEGER,
                p4mpvc64kMount                  INTEGER,
                p4mpvcWsMount                   INTEGER,
                p4mpvcTxSelected                INTEGER,
                p4mpvcRxSelected                INTEGER,
                p4mpvcTxSel             INTEGER,
                p4mpvcRxSel            INTEGER,
                p4mpvcTxSelAns          INTEGER,
                p4mpvcRxSelAns         INTEGER
        }

        p4mpvcPasoIndex OBJECT-TYPE
                SYNTAX          IpAddress
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Pasolink IpAddress"
                ::= { pasoV4mePasoValueCommonEntry 1 }


        p4mpvcBitFree OBJECT-TYPE
                SYNTAX          INTEGER (0..5)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Status of BIT RATE FREE setting
                                        0: Invalid
                                        1: Fixed Rate
                                        2: 2/4/8x2MB
                                        3: 2/4/8/16x2MB
                                        4: 2/4x2MB
                                        5: 8/16x2MB"
                ::= { pasoV4mePasoValueCommonEntry 2 }


        p4mpvcWsInputLoss OBJECT-TYPE
                SYNTAX          INTEGER (0..2)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "WS Input Loss
                                0: Invalid
                                1: Normal
                                2: Alarm"
                ::= { pasoV4mePasoValueCommonEntry 3 }


        p4mpvcWsAisRcvd OBJECT-TYPE
                SYNTAX          INTEGER (0..2)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "WS AIS RCVD
                                0: Invalid
                                1: Normal
                                2: Rcvd"
                ::= { pasoV4mePasoValueCommonEntry 4 }


        p4mpvcWsBpOutputLoss OBJECT-TYPE
                SYNTAX          INTEGER (0..2)
                ACCESS          read-only
```

```
          STATUS          mandatory
          DESCRIPTION     "WS BP Output Loss
                          0: Invalid
                          1: Normal
                          2: Alarm"
          ::= { pasoV4mePasoValueCommonEntry 5 }


p4mpvcWsAisSend OBJECT-TYPE
          SYNTAX          INTEGER (0..2)
          ACCESS          read-only
          STATUS          mandatory
          DESCRIPTION     "WS AIS SEND
                          0: Invalid
                          1: Normal
                          2: Send"
          ::= { pasoV4mePasoValueCommonEntry 6 }


p4mpvcWsAlmInh OBJECT-TYPE
          SYNTAX          INTEGER (0..2)
          ACCESS          read-only
          STATUS          mandatory
          DESCRIPTION     "WS Alarm Inhibit
                          0: Invalid
                          1: On
                          2: Off"
          ::= { pasoV4mePasoValueCommonEntry 7 }


p4mpvcDemInv OBJECT-TYPE
          SYNTAX          INTEGER (0..2)
          ACCESS          read-only
          STATUS          mandatory
          DESCRIPTION     "DEM Invert
                                       0: Invalid
                                       1: Normal
                                       2: Invert"
          ::= { pasoV4mePasoValueCommonEntry 8 }


p4mpvcSc4Selector OBJECT-TYPE
          SYNTAX          INTEGER (0..3)
          ACCESS          read-only
          STATUS          mandatory
          DESCRIPTION     "SC4 Selector
                          0: Invalid
                                       1: Rs232
                                       2: Dsc64kG703
                                       3: Dsc64kV11"
          ::= { pasoV4mePasoValueCommonEntry 9 }


p4mpvcSc5Selector OBJECT-TYPE
          SYNTAX          INTEGER (0..4)
          ACCESS          read-only
          STATUS          mandatory
          DESCRIPTION     "SC5 Selector
                                       0: Invalid
                                       1: RS-485 term
                                       2: RS-422
                                       3: RS-485 non term
                                       4: RS-232C"
          ::= { pasoV4mePasoValueCommonEntry 10 }
```

p4mpvcRemote OBJECT-TYPE
          SYNTAX   INTEGER (0..2)
          ACCESS   read-only
          STATUS   mandatory
          DESCRIPTION   "Switch Mode
                              0: Invalid
                              1: Auto
                              2: Remote(Manual)"
          ::= { pasoV4mePasoValueCommonEntry 11 }

p4mpvc64kMount OBJECT-TYPE
          SYNTAX   INTEGER (0..3)
          ACCESS   read-only
          STATUS   mandatory
          DESCRIPTION   "64K Mount
                              0: Invalid
                              1: Dsc64kV11
                              2: Dsc64kG703
                              3: Rs232"
          ::= { pasoV4mePasoValueCommonEntry 12 }

p4mpvcWsMount OBJECT-TYPE
          SYNTAX   INTEGER (0..2)
          ACCESS   read-only
          STATUS   mandatory
          DESCRIPTION   "WS Mount
                              0: Invalid
                              1: Mount
                              2: Not Used"
          ::= { pasoV4mePasoValueCommonEntry 13 }

p4mpvcTxSelected OBJECT-TYPE
          SYNTAX   INTEGER (0..2)
          ACCESS   read-only
          STATUS   mandatory
          DESCRIPTION   "Selected TX
                              0: Invalid
                              1: No.1
                              2: No.2"
          ::= { pasoV4mePasoValueCommonEntry 14 }

p4mpvcRxSelected OBJECT-TYPE
          SYNTAX   INTEGER (0..2)
          ACCESS   read-only
          STATUS   mandatory
          DESCRIPTION   "Selected RX
                              0: Invalid
                              1: No.1
                              2: No.2"
          ::= { pasoV4mePasoValueCommonEntry 15 }

p4mpvcTxSel OBJECT-TYPE
          SYNTAX   INTEGER (0..3)
          ACCESS   read-only
          STATUS   mandatory
          DESCRIPTION   "TX Switch
                              0: Invalid
                              1: Auto
                              2: No.1
                              3: No.2"

```
                    ::= { pasoV4mePasoValueCommonEntry 16 }

        p4mpvcRxSel OBJECT-TYPE
                SYNTAX          INTEGER (0..3)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "RX Switch
                                0: Invalid
                                1: Auto
                                2: No.1
                                3: No.2"
                    ::= { pasoV4mePasoValueCommonEntry 17 }

        p4mpvcTxSelAns OBJECT-TYPE
                SYNTAX          INTEGER (0..3)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "TX SEL ANS
                                0: Invalid
                                1: Auto
                                2: No.1
                                3: No.2"
                    ::= { pasoV4mePasoValueCommonEntry 18 }

        p4mpvcRxSelAns OBJECT-TYPE
                SYNTAX          INTEGER (0..3)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "RX SEL ANS
                                0: Invalid
                                1: Auto
                                2: No.1
                                3: No.2"
                    ::= { pasoV4mePasoValueCommonEntry 19 }

-----------------------------------------------
-- PVC CH Index IDU/CH
-----------------------------------------------

        pasoV4mePasoValueCommonChTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF PasoV4mePasoValueCommonChEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Pasolink V4 Common Ch Items"
                    ::= { pasoV4mePasoValue 2 }

        pasoV4mePasoValueCommonChEntry OBJECT-TYPE
                SYNTAX          PasoV4mePasoValueCommonChEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION "Common Entry"
                INDEX           {
                                 p4mpvccPasoIndex,
                                 p4mpvccChIndex
                              }
                    ::= { pasoV4mePasoValueCommonChTable 1 }

        PasoV4mePasoValueCommonChEntry ::= SEQUENCE {
                p4mpvccPasoIndex        IpAddress,
                p4mpvccChIndex          INTEGER,
```

```
        p4mpvccInputLoss        INTEGER,
        p4mpvccBpOutputLoss     INTEGER,
        p4mpvccAisRcvd          INTEGER,
        p4mpvccAisSend          INTEGER,
        p4mpvccLB2              INTEGER,
        p4mpvccLB1              INTEGER,
        p4mpvccAlmInh           INTEGER
}


    p4mpvccPasoIndex OBJECT-TYPE
            SYNTAX        IpAddress
            ACCESS        read-only
            STATUS        mandatory
            DESCRIPTION   "Pasolink IpAddress"
            ::= { pasoV4mePasoValueCommonChEntry 1 }


p4mpvccChIndex OBJECT-TYPE
            SYNTAX    INTEGER {
                                        ch1(1),
                                        ch2(2),
                                        ch3(3),
                                        ch4(4),
                                        ch5(5),
                                        ch6(6),
                                        ch7(7),
                                        ch8(8),
                                        ch9(9),
                                        ch10(10),
                                        ch11(11),
                                        ch12(12),
                                        ch13(13),
                                        ch14(14),
                                        ch15(15),
                                        ch16(16)
                                    }
            ACCESS        read-only
            STATUS        mandatory
            DESCRIPTION   "CH Index"
            ::= { pasoV4mePasoValueCommonChEntry 2 }


    p4mpvccInputLoss OBJECT-TYPE
            SYNTAX        INTEGER
            ACCESS        read-only
            STATUS        mandatory
            DESCRIPTION   "Input Loss
                          0: Invalid
                          1: Normal
                          2: Alarm"
            ::= { pasoV4mePasoValueCommonChEntry 3 }


    p4mpvccBpOutputLoss OBJECT-TYPE
            SYNTAX        INTEGER
            ACCESS        read-only
            STATUS        mandatory
            DESCRIPTION   "BP Output Loss
                          0: Invalid
                          1: Normal
                          2: Alarm"
            ::= { pasoV4mePasoValueCommonChEntry 4 }
```

p4mpvccAisRcvd OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "AIS RCVD
                        0: Invalid
                        1: Normal
                        2: Rcvd"
        ::= { pasoV4mePasoValueCommonChEntry 5 }

p4mpvccAisSend OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "AIS RCVD
                        0: Invalid
                        1: Normal
                        2: Send"
        ::= { pasoV4mePasoValueCommonChEntry 6 }

p4mpvccLB2 OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LB2
                        0: Invalid
                        1: Off
                        2: On"
        ::= { pasoV4mePasoValueCommonChEntry 7 }

p4mpvccLB1 OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LB1
                        0: Invalid
                        1: Off
                        2: On"
        ::= { pasoV4mePasoValueCommonChEntry 8 }

p4mpvccAlmInh OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Alarm Inhibit
                        0: Invalid
                        1: On
                        2: Off"
        ::= { pasoV4mePasoValueCommonChEntry 9 }

-- PVT V3
----

pasoV4mePasoValueIndvTable OBJECT-TYPE
        SYNTAX   SEQUENCE OF PasoV4mePasoValueIndvEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "ME Value table"
        ::= { pasoV4mePasoValue 3 }

```
pasoV4mePasoValueIndvEntry OBJECT-TYPE
        SYNTAX          PasoV4mePasoValueIndvEntry
        ACCESS          not-accessible
        STATUS          mandatory
        DESCRIPTION     "ME Value table Entry"
        INDEX           {
                                        p4mpviPasoIndex,
                                        p4mpviIfIndex
                        }
        ::= { pasoV4mePasoValueIndvTable 1 }


PasoV4mePasoValueIndvEntry ::= SEQUENCE {
                p4mpviPasoIndex         IpAddress,
                        p4mpviIfIndex           INTEGER,
                        p4mpviOpr               INTEGER,
                        p4mpviIfInput           INTEGER,
                        p4mpviRxApc             INTEGER,
                        p4mpviTxApc             INTEGER,
                        p4mpviRxLev             INTEGER,
                        p4mpviTxPwr             INTEGER,
                        p4mpviLoBer             INTEGER,
                        p4mpviHiBer             INTEGER,
                        p4mpviBer               INTEGER,
                        p4mpviFrameAsync        INTEGER,
                        p4mpviDem               INTEGER,
                        p4mpviMod               INTEGER,
                        p4mpviCpuAlarm          INTEGER,
                        p4mpviTxClkLoss         INTEGER,
                        p4mpviRxClkLoss         INTEGER,
                        p4mpviFrameID           INTEGER,
                        p4mpviBerThreshold      INTEGER,
                        p4mpviAisRcvd           INTEGER,
                        p4mpviAisSend           INTEGER,
                        p4mpviTxAtt             INTEGER,
                        p4mpviBerAis            INTEGER,
                        p4mpviCw                INTEGER,
                        p4mpviMaint             INTEGER,
                        p4mpviMute              INTEGER
                    }

p4mpviPasoIndex OBJECT-TYPE
        SYNTAX          IpAddress
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Pasolink IP Address"
        ::= { pasoV4mePasoValueIndvEntry 1 }


p4mpviIfIndex OBJECT-TYPE
        SYNTAX          INTEGER (1..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Index"
        ::= { pasoV4mePasoValueIndvEntry 2 }


p4mpviOpr OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Loss of Communication between IDU and ODU
```

                                                    0: Invalid
                                                    1: Normal
                                                    2: Alarm"
                ::= { pasoV4mePasoValueIndvEntry 3 }

p4mpviIfInput OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "Loss of ODU IF Input Signal
                                                    0: Invalid
                                                    1: Normal
                                                    2: Alarm"
                ::= { pasoV4mePasoValueIndvEntry 4 }

p4mpviRxApc OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "RX or IF Local Oscilator Unlock
                                0: Invalid
                                                    1: Normal
                                                    2: Alarm"
                ::= { pasoV4mePasoValueIndvEntry 5 }

p4mpviTxApc OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "TX or RF Local Oscilator Unlock
                                0: Invalid
                                                    1: Normal
                                                    2: Alarm"
                ::= { pasoV4mePasoValueIndvEntry 6 }

p4mpviRxLev OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "Loss of RF Input
                                0: Invalid
                                                    1: Normal
                                                    2: Alarm"
                ::= { pasoV4mePasoValueIndvEntry 7 }

p4mpviTxPwr OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "Decrease of TX Power
                                0: Invalid
                                                    1: Normal
                                                    2: Alarm"
                ::= { pasoV4mePasoValueIndvEntry 8 }

p4mpviLoBer OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "BER greater than 10-6

                                    0: Invalid
                                                    1: Normal
                                                    2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 9 }

p4mpviHiBer OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "BER greater than 10-3
                                            0: Invalid
                                            1: Normal
                                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 10 }

p4mpviBer OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "BER greater than threshold level
                            0: Invalid
                                            1: Normal
                                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 11 }

p4mpviFrameAsync OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "Frame Async
                                            0: Invalid
                                            1: Normal
                                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 12 }

p4mpviDem OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "Loss of IF input signal
                                            0: Invalid
                                            1: Normal
                                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 13 }

p4mpviMod OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "IF local oscilator unlock
                                            0: Invalid
                                            1: Normal
                                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 14 }

p4mpviCpuAlarm OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "CPU fail on MD

                                             0: Invalid
                                             1: Normal
                                             2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 15 }

p4mpviTxClkLoss OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "TX Clock Loss
                            0: Invalid
                            1: Normal
                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 16 }

p4mpviRxClkLoss OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "RX Clock Loss
                            0: Invalid
                            1: Normal
                            2: Alarm"
            ::= { pasoV4mePasoValueIndvEntry 17 }

p4mpviFrameID OBJECT-TYPE
            SYNTAX   INTEGER (0..8)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "Frame ID setting
                                          0: Invalid
                                          1: ID0
                                          2: ID1
                                          3: ID2
                                          4: ID3
                                          5: ID4
                                          6: ID5
                                          7: ID6
                                          8: ID7"
            ::= { pasoV4mePasoValueIndvEntry 18 }

p4mpviBerThreshold OBJECT-TYPE
            SYNTAX   INTEGER (0..4)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "BER Threshold setting
                                          0: Invalid
                                          1: 1e-3
                                          2: 1e-4
                                          3: 1e-5
                                          4: 1e-6"
            ::= { pasoV4mePasoValueIndvEntry 19 }

p4mpviAisRcvd OBJECT-TYPE
            SYNTAX   INTEGER (0..2)
            ACCESS   read-only
            STATUS   mandatory
            DESCRIPTION   "AIS RCVD on/off control
                                          0: Invalid
                                          1: Off

```
                                           2: On"
        ::= { pasoV4mePasoValueIndvEntry 20 }


p4mpviAisSend OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "AIS SEND on/off control
                                        0: Invalid
                                        1: Off
                                        2: On"
        ::= { pasoV4mePasoValueIndvEntry 21 }


p4mpviTxAtt OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "MTPC TX Power[dB]
                        Please deal with this value as a negative value."
        ::= { pasoV4mePasoValueIndvEntry 22 }


p4mpviBerAis OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "BER AIS on/off control
                                        0: Invalid
                                        1: Off
                                        2: On"
        ::= { pasoV4mePasoValueIndvEntry 23 }


p4mpviCw OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Carrier Wave on/off control
                        0: Invalid
                        1: Off
                        2: On"
        ::= { pasoV4mePasoValueIndvEntry 24 }


p4mpviMaint OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Maint on/off control
                        0: Invalid
                        1: Off
                        2: On"
        ::= { pasoV4mePasoValueIndvEntry 25 }


p4mpviMute OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "TX Mute on/off control
                        0: Invalid
                        1: off
                        2: on"
        ::= { pasoV4mePasoValueIndvEntry 26 }
```

```
-------------------------------------------------
-- PVC V4
-------------------------------------------------

        pasoV4mePasoV4ValueCommonTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF PasoV4mePasoV4ValueCommonEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Pasolink V4 Common Items"
                ::= { pasoV4mePasoValue 4 }

        pasoV4mePasoV4ValueCommonEntry OBJECT-TYPE
                SYNTAX          PasoV4mePasoV4ValueCommonEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION "Common Entry"
                INDEX       {
                                p4mp4vcPasoIndex
                            }
                ::= { pasoV4mePasoV4ValueCommonTable 1 }

        PasoV4mePasoV4ValueCommonEntry ::= SEQUENCE {
                p4mp4vcPasoIndex                IpAddress,
                p4mp4vcV4Config                 INTEGER,
                p4mp4vcV4ManualSw               INTEGER,
                p4mp4vcV4BitRate                INTEGER,
                p4mp4vcV4Sc2Mount               INTEGER,
                p4mp4vcV4Sc3Mount               INTEGER,
                p4mp4vcV4LanMount               INTEGER,
                p4mp4vcV4LanCardAlarm           INTEGER,
                p4mp4vcV4FeLinkCtrl             INTEGER,
                p4mp4vcV4CollisionReport        INTEGER,
                p4mp4vcV4LanReset               INTEGER,
                p4mp4vcDsCableLengthWs          INTEGER,
                p4mp4vcCableLengthDs3           INTEGER,
                p4mp4vcAisEnbDs3                INTEGER,
                p4mp4vcBipolarCodeWs            INTEGER,
                p4mp4vcAlmcFuncEnable           INTEGER,
                p4mp4vcTxSwPriority             INTEGER,
                p4mp4vcNe500Ctrl                INTEGER,
                p4mp4vcAisRcvdInh               INTEGER,
                p4mp4vcWsAisRcvdInh             INTEGER,
                p4mp4vcChUsageErrorCtrl         INTEGER,
                p4mp4vcChUsageError             INTEGER,
                p4mp4vcWsChUsageError           INTEGER,
                p4mp4vcPortAlarm                INTEGER,
                p4mp4vcHardwareYearMonth        OCTET STRING,
                p4mp4vcSoftwareVersion          OCTET STRING,
                p4mp4vcBerCurrentValue          OCTET STRING,
                p4mp4vcEquipmentPmcType         INTEGER,
                p4mp4vcCodeNo                   OCTET STRING,
                p4mp4vcSerialNo                 OCTET STRING,
                p4mp4vcV4LanMountVer2           INTEGER
        }

        p4mp4vcPasoIndex OBJECT-TYPE
                SYNTAX          IpAddress
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Pasolink IpAddress"
```

::= { pasoV4mePasoV4ValueCommonEntry 1 }

p4mp4vcV4Config OBJECT-TYPE
      SYNTAX   INTEGER (0..4)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "IDU & ODU Config
                     0: Invalid
                            1: 1+0
                            2: 1+0 Expandable
                            3: 1+1 Hot Standby
                            4: 1+1 Twin Path"
      ::= { pasoV4mePasoV4ValueCommonEntry 2 }

p4mp4vcV4ManualSw OBJECT-TYPE
      SYNTAX   INTEGER (0..2)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Manual Switch
                            0: Invalid
                            1: Auto
                            2: Manual"
      ::= { pasoV4mePasoV4ValueCommonEntry 3 }

p4mp4vcV4BitRate OBJECT-TYPE
      SYNTAX   INTEGER (0..12)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Status of Bit Rate setting
                            0: Invalid
                            1: 2x2MB
                            2: 4x2MB
                            3: 8x2MB
                            4: 16x2MB
                            5: 1x8MB
                            6: 1x34MB
                            7: 4x1.5MB
                            8: 8x1.5MB
                            9: 1x45MB
                          10: 4x1.5MB
                          11: 8x1.5MB
                          12: 16x1.5MB"
      ::= { pasoV4mePasoV4ValueCommonEntry 4 }

p4mp4vcV4Sc2Mount OBJECT-TYPE
      SYNTAX   INTEGER (0..6)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "SC2 Mount Information
                            0: Invalid
                            1: ASC
                            2: 9.6K RS-232
                            3: 9.6K RS-422
                            4: LAN
                            5: ALM
                            6: Not used"
      ::= { pasoV4mePasoV4ValueCommonEntry 5 }

p4mp4vcV4Sc3Mount OBJECT-TYPE
      SYNTAX   INTEGER (0..6)

```
              ACCESS          read-only
              STATUS          mandatory
              DESCRIPTION     "SC3 Mount Information
                                       0: Invalid
                                         1: ASC
                                         2: 9.6K RS-232
                                         3: 9.6K RS-422
                                         5: ALM
                                         6: Not used"
              ::= { pasoV4mePasoV4ValueCommonEntry 6 }


p4mp4vcV4LanMount OBJECT-TYPE
              SYNTAX          INTEGER (0..2)
              ACCESS          read-only
              STATUS          mandatory
              DESCRIPTION     "LAN Card Mount Information
                                         0: Invalid
                                         1: Mount
                                         2: Not Mount"
              ::= { pasoV4mePasoV4ValueCommonEntry 7 }


p4mp4vcV4LanCardAlarm OBJECT-TYPE
              SYNTAX          INTEGER (0..2)
              ACCESS          read-only
              STATUS          mandatory
              DESCRIPTION     "LAN Card Alarm
                                         0: Invalid
                                         1: Normal
                                         2: Alarm"
              ::= { pasoV4mePasoV4ValueCommonEntry 8 }


p4mp4vcV4FeLinkCtrl OBJECT-TYPE
              SYNTAX          INTEGER (0..2)
              ACCESS          read-only
              STATUS          mandatory
              DESCRIPTION     "Far End Link Down
                                         0: Invalid
                                         1: Disable
                                         2: Enable"
              ::= { pasoV4mePasoV4ValueCommonEntry 9 }


p4mp4vcV4CollisionReport OBJECT-TYPE
              SYNTAX          INTEGER (0..2)
              ACCESS          read-only
              STATUS          mandatory
              DESCRIPTION     "Not Used
                              Collision Report Type
                                         0: Invalid
                                         1: Not Report
                                         2: Report"
              ::= { pasoV4mePasoV4ValueCommonEntry 10 }


p4mp4vcV4LanReset OBJECT-TYPE
              SYNTAX          INTEGER (0..1)
              ACCESS          write-only
              STATUS          mandatory
              DESCRIPTION     "Not Used
                              LAN Reset
                              0: Invalid
                              1: Lan Reset"
```

```
                    ::= { pasoV4mePasoV4ValueCommonEntry 11 }


p4mp4vcDsCableLengthWs OBJECT-TYPE
        SYNTAX          INTEGER (0..6)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Cable Length WS
                                    0: Invalid
                                    1: not used
                                    2: 0-40m(0-133ft)
                                    3:40-81m(133-266ft)
                                    4:81-121m(266-399ft)
                                    5:121-162m(399-533ft)
                                    6:162-199m(533-655ft)"
        ::= { pasoV4mePasoV4ValueCommonEntry 12 }


p4mp4vcCableLengthDs3 OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Not Used
                        Cable Length DS3
                                    0: Invalid
                                    1: 0-68m(0-225ft)
                                    2: 68-135m(225-450ft)"
        ::= { pasoV4mePasoV4ValueCommonEntry 13 }


p4mp4vcAisEnbDs3 OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "DS3 Framed AIS Enable
                                    0: Invalid
                                    1: Framed
                                    2: Unframed"
        ::= { pasoV4mePasoV4ValueCommonEntry 14 }


p4mp4vcBipolarCodeWs OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Bipolar Code WS
                                    0: Invalid
                                    1: B8ZS
                                    2: AMI"
        ::= { pasoV4mePasoV4ValueCommonEntry 15 }


p4mp4vcAlmcFuncEnable OBJECT-TYPE
        SYNTAX          INTEGER (0..15)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "ALMC Function Enable Information
                                    bit 0 : CH Usage Enable
                                    bit 1 : NE500 Enable
                                    bit 2 : LAN report Enable
                                    bit 3 : TX SW priority Enable"
        ::= { pasoV4mePasoV4ValueCommonEntry 16 }


p4mp4vcTxSwPriority OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
```

```
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "TX Sw Priority
                        0: Invalid
                                1: Non Priority
                                2: Priority No.1"
        ::= { pasoV4mePasoV4ValueCommonEntry 17 }

p4mp4vcNe500Ctrl OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "NE500 Report Control
                        0: Invalid
                        1: Report
                        2: Not Report"
        ::= { pasoV4mePasoV4ValueCommonEntry 18 }

p4mp4vcAisRcvdInh OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Not Used
                        AIS RCVD Report Control
                                0: Invalid
                                1: Report
                                2: Not Report"
        ::= { pasoV4mePasoV4ValueCommonEntry 19 }

p4mp4vcWsAisRcvdInh OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "WS AIS RCVD Report Ctrol
                        0: Invalid
                        1: Report
                                2: Not Report"
        ::= { pasoV4mePasoV4ValueCommonEntry 20 }

p4mp4vcChUsageErrorCtrl OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "CH Usage Error Report Ctrol
                                0: Invalid
                                1: Not Report
                                2: Report"
        ::= { pasoV4mePasoV4ValueCommonEntry 21 }

p4mp4vcChUsageError OBJECT-TYPE
        SYNTAX          INTEGER
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "Not Used
                        CH Usage Error
                                0: Invalid
                                1: Normal
                                2: Alarm"
        ::= { pasoV4mePasoV4ValueCommonEntry 22 }
```

p4mp4vcWsChUsageError OBJECT-TYPE
         SYNTAX   INTEGER
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "WS CH Usage Error
                                          0: Invalid
                                          1: Normal
                                          2: Alarm"
         ::= { pasoV4mePasoV4ValueCommonEntry 23 }

p4mp4vcPortAlarm OBJECT-TYPE
         SYNTAX   INTEGER
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "Port Alarm (PMC link)
                                          0: Invalid
                                          1: Normal
                                          2: Alarm"
         ::= { pasoV4mePasoV4ValueCommonEntry 24 }

p4mp4vcHardwareYearMonth OBJECT-TYPE
         SYNTAX   OCTET STRING
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "HardWare Year Month"
         ::= { pasoV4mePasoV4ValueCommonEntry 25 }

p4mp4vcSoftwareVersion OBJECT-TYPE
         SYNTAX   OCTET STRING
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "Software Version"
         ::= { pasoV4mePasoV4ValueCommonEntry 26 }

p4mp4vcBerCurrentValue OBJECT-TYPE
         SYNTAX   OCTET STRING
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "BER Value"
         ::= { pasoV4mePasoV4ValueCommonEntry 27 }

p4mp4vcEquipmentPmcType OBJECT-TYPE
         SYNTAX   INTEGER
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "PMC Type
                                          0: Invalid
                                          17: North America Serial
                                          18: North America LAN
                                          33: CEPT Serial
                                          34: CEPT LAN"
         ::= { pasoV4mePasoV4ValueCommonEntry 28 }

p4mp4vcCodeNo OBJECT-TYPE
         SYNTAX   OCTET STRING
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "Code No"
         ::= { pasoV4mePasoV4ValueCommonEntry 29 }

p4mp4vcSerialNo OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Serial No"
        ::= { pasoV4mePasoV4ValueCommonEntry 30 }

p4mp4vcV4LanMountVer2 OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LAN card Version Info.
                        0 : Invalid
                        1 : Lan Version1
                        2 : Lan Version2
              This value is available when p4mp4vcV4LanMount is mount(1).
              This value is invalid value when p4mp4vcV4LanMount is Not Mount(2)
and Invalid(0)."
        ::= { pasoV4mePasoV4ValueCommonEntry 31 }

pasoV4mePasoV4ValueCommonCHTable OBJECT-TYPE
        SYNTAX   SEQUENCE OF PasoV4mePasoV4ValueCommonCHEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Pasolink V4 Common CH Items"
        ::= { pasoV4mePasoValue 5 }

pasoV4mePasoV4ValueCommonCHEntry OBJECT-TYPE
        SYNTAX   PasoV4mePasoV4ValueCommonCHEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION "Common CH Entry"
        INDEX   {
                  p4mp4vcCHPasoIndex,
                  p4mp4vcCHIndex
              }
        ::= { pasoV4mePasoV4ValueCommonCHTable 1 }

PasoV4mePasoV4ValueCommonCHEntry ::= SEQUENCE {
        p4mp4vcCHPasoIndex   IpAddress,
        p4mp4vcCHIndex   INTEGER,
        p4mp4vcCHAisRcvdInh   INTEGER,
        p4mp4vcCHChUsageError   INTEGER
}

p4mp4vcCHPasoIndex OBJECT-TYPE
        SYNTAX   IpAddress
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Pasolink IpAddress"
        ::= { pasoV4mePasoV4ValueCommonCHEntry 1 }

p4mp4vcCHIndex OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Index"
        ::= { pasoV4mePasoV4ValueCommonCHEntry 2 }

p4mp4vcCHAisRcvdInh OBJECT-TYPE

```
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "AIS RCVD Report Control
                                        0: Invalid
                                        1: Report
                                        2: Not Report"
                ::= { pasoV4mePasoV4ValueCommonCHEntry 3 }

        p4mp4vcCHChUsageError OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "CH Usage Error
                                        0: Invalid
                                        1: Normal
                                        2: Alarm"
                ::= { pasoV4mePasoV4ValueCommonCHEntry 4 }


-----------------------------------------------
-- PVC V4 LAN Table
-----------------------------------------------

        pasoV4mePasoV4ValueCommonLanTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF PasoV4mePasoV4ValueCommonLanEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Pasolink V4 Common LAN Items"
                ::= { pasoV4mePasoValue 6 }

        pasoV4mePasoV4ValueCommonLanEntry OBJECT-TYPE
                SYNTAX          PasoV4mePasoV4ValueCommonLanEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION "Common LAN Entry"
                INDEX       {
                                p4mp4vclPasoIndex,
                                p4mp4vclLanIndex
                            }
                ::= { pasoV4mePasoV4ValueCommonLanTable 1 }

        PasoV4mePasoV4ValueCommonLanEntry ::= SEQUENCE {
                p4mp4vclPasoIndex        IpAddress,
                p4mp4vclLanIndex         INTEGER,
                p4mp4vclLanWanSel        INTEGER,
                p4mp4vclLanFlowCtrl      INTEGER,
                p4mp4vclLanThroughput    INTEGER,
                p4mp4vclCasCtrl          INTEGER,
                p4mp4vclCrcCtrl          INTEGER,
                p4mp4vclCollAlarm        INTEGER,
                p4mp4vclLanLinkAlarm     INTEGER,
                p4mp4vclLanMode          INTEGER,
                p4mp4vclLanCollReport    INTEGER,
                p4mp4vclLanReset         INTEGER
        }

        p4mp4vclPasoIndex OBJECT-TYPE
                SYNTAX          IpAddress
                ACCESS          read-only
                STATUS          mandatory
```

DESCRIPTION   "Pasolink IP Address"
::= { pasoV4mePasoV4ValueCommonLanEntry 1 }

p4mp4vclLanIndex OBJECT-TYPE
        SYNTAX   INTEGER (1..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Index"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 2 }

p4mp4vclLanWanSel OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Framing(LAN/WAN Select)
                                        0: Invalid
                                        1: Off
                                        2: On"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 3 }

p4mp4vclLanFlowCtrl OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LAN Flow Control
                                        0: Invalid
                                        1: Off
                                        2: On"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 4 }

p4mp4vclLanThroughput OBJECT-TYPE
        SYNTAX   INTEGER (0..6)
ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LAN Throughput
                        0: Invalid
                                        1: Disable
                                        2: 2MB/1.5MB
                                        3: 4MB/3MB
                                        4: 8MB/6MB
                                        5: 16MB/12MB
                                        6: 32MB/24MB"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 5 }

p4mp4vclCasCtrl OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "CAS Control
                                        0: Invalid
                                        1: Off
                                        2: On"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 6 }

p4mp4vclCrcCtrl OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "CRC Control
                                        0: Invalid

                                        1: Off
                                        2: On"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 7 }

p4mp4vclCollAlarm OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Collision Alarm
                                        0: Invalid
                                        1: Normal
                                        2: Collision"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 8 }

p4mp4vclLanLinkAlarm OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LAN Link Alarm
                                        0: Invalid
                                        1: Normal
                                        2: Alarm"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 9 }

p4mp4vclLanMode OBJECT-TYPE
        SYNTAX   INTEGER (0..9)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LAN Mode
                                        0: Invalid
                                        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)"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 10 }

p4mp4vclLanCollReport OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Collision Report Type
                                        0: Invalid
                                        1: Not Report
                                        2: Report"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 11 }

p4mp4vclLanReset OBJECT-TYPE
        SYNTAX   INTEGER (0..1)
        ACCESS   write-only
        STATUS   mandatory
        DESCRIPTION   "LAN Reset
                        0: Invalid
                        1: Lan Reset"
        ::= { pasoV4mePasoV4ValueCommonLanEntry 12 }

```
--------------------------------------------------
-- PVC V4 DS Table
--------------------------------------------------

          pasoV4mePasoV4ValueCommonDsTable OBJECT-TYPE
                  SYNTAX          SEQUENCE OF PasoV4mePasoV4ValueCommonDsEntry
                  ACCESS          not-accessible
                  STATUS          mandatory
                  DESCRIPTION     "Pasolink V4 Common Ds Items"
                  ::= { pasoV4mePasoValue 7 }

          pasoV4mePasoV4ValueCommonDsEntry OBJECT-TYPE
                  SYNTAX          PasoV4mePasoV4ValueCommonDsEntry
                  ACCESS          not-accessible
                  STATUS          mandatory
                  DESCRIPTION "Common Ds Entry"
                  INDEX       {
                                  p4mpvcdPasoIndex,
                                  p4mpvcdDsIndex
                              }
                  ::= { pasoV4mePasoV4ValueCommonDsTable 1 }

          PasoV4mePasoV4ValueCommonDsEntry ::= SEQUENCE {
                  p4mpvcdPasoIndex        IpAddress,
                  p4mpvcdDsIndex          INTEGER,
                  p4mpvcdCableLength      INTEGER,
                  p4mpvcdBipolarCode      INTEGER
          }

          p4mpvcdPasoIndex OBJECT-TYPE
                  SYNTAX          IpAddress
                  ACCESS          read-only
                  STATUS          mandatory
                  DESCRIPTION     "Pasolink IP Address"
                  ::= { pasoV4mePasoV4ValueCommonDsEntry 1 }

      p4mpvcdDsIndex OBJECT-TYPE
                  SYNTAX      INTEGER (1..4)
                  ACCESS          read-only
                  STATUS          mandatory
                  DESCRIPTION     "Index"
                  ::= { pasoV4mePasoV4ValueCommonDsEntry 2 }

      p4mpvcdCableLength OBJECT-TYPE
                  SYNTAX          INTEGER (0..8)
                  ACCESS          read-only
                  STATUS          mandatory
                  DESCRIPTION     "Cable Length
                                          0: Invalid
                                          1: not used
                                          2: 0-68m(0-225ft)
                                          3: 68-135m(225-450ft)
                                          4: 0-40m(0-133ft)
                                          5:40-81m(133-266ft)
                                          6:81-121m(266-399ft)
                                          7:121-162m(399-533ft)
                                          8:162-199m(533-655ft)"
                  ::= { pasoV4mePasoV4ValueCommonDsEntry 3 }

      p4mpvcdBipolarCode OBJECT-TYPE
```

```
                SYNTAX           INTEGER (0..2)
                ACCESS           read-only
                STATUS           mandatory
                DESCRIPTION      "Bipolar Code
                                          0: Invalid
                                          1: B8ZS
                                          2: AMI"
                ::= { pasoV4mePasoV4ValueCommonDsEntry 4 }


----------------------------------------------
-- PVT V4
----------------------------------------------

    pasoV4mePasoV4ValueIndvTable OBJECT-TYPE
                SYNTAX           SEQUENCE OF PasoV4mePasoV4ValueIndvEntry
                ACCESS           not-accessible
                STATUS           mandatory
                DESCRIPTION      "V4 ME value table"
                ::= { pasoV4mePasoValue 8 }

    pasoV4mePasoV4ValueIndvEntry OBJECT-TYPE
                SYNTAX           PasoV4mePasoV4ValueIndvEntry
                ACCESS           not-accessible
                STATUS           mandatory
                DESCRIPTION      "V4 ME value table Entry"
                INDEX            {
                                 p4mp4viPasoIndex,
                                 p4mp4viV4IfIndex
                                           }
                ::= { pasoV4mePasoV4ValueIndvTable 1 }

    PasoV4mePasoV4ValueIndvEntry ::= SEQUENCE {
                                 p4mp4viPasoIndex            IpAddress,
                                  p4mp4viV4IfIndex            INTEGER,
                                  p4mp4viV4Mode               INTEGER,
                                  p4mp4viV4Atpc               INTEGER,
                                  p4mp4viV4AtpcRxThreshold    INTEGER,
                                  p4mp4viV4AtpcMaxPower       INTEGER,
                                  p4mp4viV4AtpcMinPower       INTEGER,
                                  p4mp4viV4OduAlmMode         INTEGER,
                                  p4mp4viV4TxFreq             OCTET STRING,
                                  p4mp4viV4RxFreq             OCTET STRING,
                                  p4mp4viV4AtpcManualCtrl     INTEGER,
                                  p4mp4viV4BerAisMaint        INTEGER,
                                  p4mp4viV4Version            INTEGER,
                                 p4mp4viV4V3D                INTEGER,
                                 p4mp4viV4TxFreqCh           INTEGER,
                                 p4mp4viV4TxPowerMon         OCTET STRING,
                                  p4mp4viV4RxLevMon          OCTET STRING

                            }

        p4mp4viPasoIndex OBJECT-TYPE
                SYNTAX           IpAddress
                ACCESS           read-only
                STATUS           mandatory
                DESCRIPTION      "Pasolink IP Address"
                ::= { pasoV4mePasoV4ValueIndvEntry 1 }

        p4mp4viV4IfIndex OBJECT-TYPE
```

```
            SYNTAX          INTEGER (1..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Index"
            ::= { pasoV4mePasoV4ValueIndvEntry 2 }


    p4mp4viV4Mode OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "V3/V4 Mode
                                        0: Invalid
                                        1: V3
                                        2: V4"
            ::= { pasoV4mePasoV4ValueIndvEntry 3 }


    p4mp4viV4Atpc OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ATPC Information
                                        0: Invalid
                                        1: MTPC
                                        2: ATPC"
            ::= { pasoV4mePasoV4ValueIndvEntry 4 }


    p4mp4viV4AtpcRxThreshold OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ATPC RX Threshold[dBm]
                          Please deal with this value as a negative value."
            ::= { pasoV4mePasoV4ValueIndvEntry 5 }


    p4mp4viV4AtpcMaxPower OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ATPC Max Power[dB]
                          Please deal with this value as a negative value."
            ::= { pasoV4mePasoV4ValueIndvEntry 6 }


    p4mp4viV4AtpcMinPower OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ATPC Min Power[dB]
                          Please deal with this value as a negative value."
            ::= { pasoV4mePasoV4ValueIndvEntry 7 }


p4mp4viV4OduAlmMode OBJECT-TYPE
            SYNTAX          INTEGER (0..3)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ODU Alarm Mode
                                        0: Invalid
                                        1: HOLD
                                        2: MIN
                                        3: MAX"
            ::= { pasoV4mePasoV4ValueIndvEntry 8 }
```

p4mp4viV4TxFreq OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "TX Frequency[MHz]"
        ::= { pasoV4mePasoV4ValueIndvEntry 9 }

p4mp4viV4RxFreq OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "RX Frequency[MHz]"
        ::= { pasoV4mePasoV4ValueIndvEntry 10 }

p4mp4viV4AtpcManualCtrl OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Setting of ATPC Manual control signal
                                0: Invalid
                                1: Off
                                2: On"
        ::= { pasoV4mePasoV4ValueIndvEntry 11 }

p4mp4viV4BerAisMaint OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Setting of BER AIS include to Maint
                                  0: Invalid
                                  1: Enable
                                2: Disable"
        ::= { pasoV4mePasoV4ValueIndvEntry 12 }

p4mp4viV4Version OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Version
                                  0: Invalid
                                  1: 3.0
                                2: 3.1"
        ::= { pasoV4mePasoV4ValueIndvEntry 13 }

p4mp4viV4V3D OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Version
                                  0: Invalid
                                  1: V3
                                2: V3D"
        ::= { pasoV4mePasoV4ValueIndvEntry 14 }

p4mp4viV4TxFreqCh OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory

```
                DESCRIPTION    "CH"
                ::= { pasoV4mePasoV4ValueIndvEntry 15 }


        p4mp4viV4TxPowerMon OBJECT-TYPE
                SYNTAX          OCTET STRING
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "TX Power Monitor[dbm"
                ::= { pasoV4mePasoV4ValueIndvEntry 16 }


        p4mp4viV4RxLevMon OBJECT-TYPE
                SYNTAX          OCTET STRING
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "RX Level Monitor[dbm]"
                ::= { pasoV4mePasoV4ValueIndvEntry 17 }


-------------------------------------------------------
-- PIC/PIT V4 Inventory table
-------------------------------------------------------
        pasoV4mePasoInventory OBJECT IDENTIFIER
                ::= { pnmsPasoV4pmMePaso 2 }


        pasoV4mePasoV4InvIndvTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF PasoV4mePasoV4InvIndvEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Pasolink Inventory Items"
                ::= { pasoV4mePasoInventory 1 }


        pasoV4mePasoV4InvIndvEntry OBJECT-TYPE
                SYNTAX          PasoV4mePasoV4InvIndvEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Pasolink Inventory Items Entry"
                INDEX           {
                                        p4mp4iiV4PasoIndex,
                                        p4mp4iiV4IfIndex
                                }
                ::= { pasoV4mePasoV4InvIndvTable 1 }


        PasoV4mePasoV4InvIndvEntry ::= SEQUENCE {
                        p4mp4iiV4PasoIndex        IpAddress,
                        p4mp4iiV4IfIndex          INTEGER,
                                p4mp4iiV4OduRfBand         INTEGER,
                                p4mp4iiV4OduShiftFreq     OCTET STRING,
                                p4mp4iiV4OduChSepa        OCTET STRING,
                                p4mp4iiV4OduSubBand       INTEGER,
                                p4mp4iiV4OduLowHighBand   INTEGER,
                                p4mp4iiV4OduCapacity      INTEGER,
                                p4mp4iiV4OduYearMonth     OCTET STRING,
                                p4mp4iiV4OduCpuVersion    OCTET STRING,
                                p4mp4iiV4OduSwVersion     OCTET STRING,
                                p4mp4iiV4OduStartFreq     OCTET STRING,
                                p4mp4iiV4OduSerial        INTEGER,
                                p4mp4iiV4OduMaxPower      INTEGER,
                                p4mp4iiV4MdYearMonth      OCTET STRING,
                                p4mp4iiV4MdCpuVersion     OCTET STRING,
                                p4mp4iiV4MdSoftVersion    OCTET STRING,
                                p4mp4iiV4MdSerial         INTEGER,
```

```
                                      p4mp4iiV4OduMaxCh          INTEGER,
                                      p4mp4iiV4OduMinCh          INTEGER
                                  }

    p4mp4iiV4PasoIndex OBJECT-TYPE
            SYNTAX          IpAddress
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Pasolink IpAddress"
            ::= { pasoV4mePasoV4InvIndvEntry 1 }

    p4mp4iiV4IfIndex OBJECT-TYPE
            SYNTAX          INTEGER (1..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Index"
            ::= { pasoV4mePasoV4InvIndvEntry 2 }

    p4mp4iiV4OduRfBand OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ODU RF Band[GHz]"
            ::= { pasoV4mePasoV4InvIndvEntry 3 }

    p4mp4iiV4OduShiftFreq OBJECT-TYPE
            SYNTAX          OCTET STRING
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ODU Shift Frequency[MHz]"
            ::= { pasoV4mePasoV4InvIndvEntry 4 }

    p4mp4iiV4OduChSepa OBJECT-TYPE
            SYNTAX          OCTET STRING
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ODU Channel Separation"
            ::= { pasoV4mePasoV4InvIndvEntry 5 }

    p4mp4iiV4OduSubBand OBJECT-TYPE
            SYNTAX          INTEGER (0..16)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ODU Sub Band
                            0: Invalid
                            1: subband A
                            2: subband B
                            3: subband C
                            4: subband D
                            5: subband E
                            6: subband F
                            7: subband G
                            8: subband H
                            9: subband J
                            10: subband K
                            11: subband L
                            12: subband M
                            13: subband N
                            14: subband P
                            15: subband R
```

```
                                    16: subband X"
         ::= { pasoV4mePasoV4InvIndvEntry 6 }


p4mp4iiV4OduLowHighBand OBJECT-TYPE
         SYNTAX          INTEGER (0..2)
         ACCESS          read-only
         STATUS          mandatory
         DESCRIPTION     "ODU Low/High Band
                            0: Invalid
                            1: Low
                            2: High"
         ::= { pasoV4mePasoV4InvIndvEntry 7 }


p4mp4iiV4OduCapacity OBJECT-TYPE
         SYNTAX          INTEGER (0..2)
         ACCESS          read-only
         STATUS          mandatory
         DESCRIPTION     "ODU Capacity
                            0: Invalid
                            1: 8MB
                            2: 34MB"
         ::= { pasoV4mePasoV4InvIndvEntry 8 }


p4mp4iiV4OduYearMonth OBJECT-TYPE
         SYNTAX          OCTET STRING
         ACCESS          read-only
         STATUS          mandatory
         DESCRIPTION     "Manufacturing Date of ODU
                                (Format) Year/Month are represented by 12 bits integer.
                                     Bit assignment is as follows.
                                 0-3 bit : Month
                                 4-10bit : Year(Lower 2digits)
                                 11   bit : Year(Higher 2 digits 1=2000/0=1900)"
         ::= { pasoV4mePasoV4InvIndvEntry 9 }


p4mp4iiV4OduCpuVersion OBJECT-TYPE
         SYNTAX          OCTET STRING
         ACCESS          read-only
         STATUS          mandatory
         DESCRIPTION     "Not Used
                    ODU CPU version"
         ::= { pasoV4mePasoV4InvIndvEntry 10 }


p4mp4iiV4OduSwVersion OBJECT-TYPE
         SYNTAX          OCTET STRING
         ACCESS          read-only
         STATUS          mandatory
         DESCRIPTION     "ODU Software version"
         ::= { pasoV4mePasoV4InvIndvEntry 11 }


p4mp4iiV4OduStartFreq OBJECT-TYPE
         SYNTAX          OCTET STRING
         ACCESS          read-only
         STATUS          mandatory
         DESCRIPTION     "ODU Start Frequency[(1/1000)MHz]"
         ::= { pasoV4mePasoV4InvIndvEntry 12 }


p4mp4iiV4OduSerial OBJECT-TYPE
         SYNTAX          INTEGER
         ACCESS          read-only
```

```
                STATUS          mandatory
                DESCRIPTION     "ODU Serial No."
                ::= { pasoV4mePasoV4InvIndvEntry 13 }


p4mp4iiV4OduMaxPower OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "ODU Max Power"
                ::= { pasoV4mePasoV4InvIndvEntry 14 }


p4mp4iiV4MdYearMonth OBJECT-TYPE
                SYNTAX          OCTET STRING
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Manufacture Date of MD
                                        (Format) Same as pitOduYearMonth."
                ::= { pasoV4mePasoV4InvIndvEntry 15 }


p4mp4iiV4MdCpuVersion OBJECT-TYPE
                SYNTAX          OCTET STRING
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Not Used
                        MD CPU version"
                ::= { pasoV4mePasoV4InvIndvEntry 16 }


p4mp4iiV4MdSoftVersion OBJECT-TYPE
                SYNTAX          OCTET STRING
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "MD Software version"
                ::= { pasoV4mePasoV4InvIndvEntry 17 }


p4mp4iiV4MdSerial OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "MD Serial No."
                ::= { pasoV4mePasoV4InvIndvEntry 18 }


p4mp4iiV4OduMaxCh OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "ODU Max CH"
                ::= { pasoV4mePasoV4InvIndvEntry 19 }


p4mp4iiV4OduMinCh OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "ODU Min CH"
                ::= { pasoV4mePasoV4InvIndvEntry 20 }



pasoV4mePasoV4InvCommTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF PasoV4mePasoV4InvCommEntry
                ACCESS          not-accessible
                STATUS          mandatory
```

DESCRIPTION   "Pasolink Inventory Common Items"
::= { pasoV4mePasoInventory 2 }

pasoV4mePasoV4InvCommEntry OBJECT-TYPE
        SYNTAX   PasoV4mePasoV4InvCommEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Pasolink Inventory Common Items Entry"
        INDEX   {
                                        p4mp4icV4PasoIndex
                           }
        ::= { pasoV4mePasoV4InvCommTable 1 }

PasoV4mePasoV4InvCommEntry ::= SEQUENCE {
                p4mp4icV4PasoIndex   IpAddress,
                p4mp4icV4SwYearMonth   OCTET STRING,
                p4mp4icV4SwCpuVersion   OCTET STRING,
                p4mp4icV4SwSoftVersion   OCTET STRING,
                p4mp4icV4SwSerial   INTEGER
                           }

p4mp4icV4PasoIndex   OBJECT-TYPE
        SYNTAX   IpAddress
        ACCESS   read-only
        STATUS   mandatory
      DESCRIPTION   "Index"
        ::= { pasoV4mePasoV4InvCommEntry 1   }

p4mp4icV4SwYearMonth OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Manufacture Date of SW
                                (Format) Same as pitOduYearMonth."
        ::= { pasoV4mePasoV4InvCommEntry 2 }

p4mp4icV4SwCpuVersion OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Not Used
                         SW CPU version"
        ::= { pasoV4mePasoV4InvCommEntry 3 }

p4mp4icV4SwSoftVersion OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "SW Software version"
        ::= { pasoV4mePasoV4InvCommEntry 4 }

p4mp4icV4SwSerial OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "SW Software version"
        ::= { pasoV4mePasoV4InvCommEntry 5 }

```
-----------------------------------------------
-- pmMeIop Group Definitions
-----------------------------------------------

        pasov4ValuePerformanceInformation OBJECT IDENTIFIER
                ::= { pnmsPasoV4pmMeIop 1 }

        pasov4PmonDataTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF Pasov4PmonDataEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Performance data"
                ::= { pasov4ValuePerformanceInformation 1 }

        pasov4PmonDataEntry OBJECT-TYPE
                SYNTAX          Pasov4PmonDataEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Performance data Entry"
                INDEX           {
                                        p4pdDataPasoIndex,
                                        p4pdDataItemName
                                }
                ::= { pasov4PmonDataTable 1 }

        Pasov4PmonDataEntry ::= SEQUENCE {
                p4pdDataPasoIndex               IpAddress,
                p4pdDataItemName                INTEGER,
                p4pdDataCurrent15minData OCTET STRING,
                p4pdDataCurrent15minStatus      INTEGER,
                p4pdDataCurrentDayData          OCTET STRING,
                p4pdDataCurrentDayStatus INTEGER,
                p4pdDataHistory15minStatus      INTEGER,
                p4pdDataHistoryDayStatus  INTEGER
        }

        p4pdDataPasoIndex OBJECT-TYPE
                SYNTAX          IpAddress
                ACCESS          read-only
                STATUS          mandatory
              DESCRIPTION       "Index"
                ::= { pasov4PmonDataEntry 1 }

        p4pdDataItemName OBJECT-TYPE
                SYNTAX          INTEGER (0..4)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Data Type
                                invalid(0),
                                pmonBBE(1),
                                pmonES(2),
                                pmonSES(3),
                                pmonUAS(4)"
                ::= { pasov4PmonDataEntry 2 }

        p4pdDataCurrent15minData OBJECT-TYPE
                SYNTAX          OCTET STRING
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Current 15min Data"
```

::= { pasov4PmonDataEntry 3 }

p4pdDataCurrent15minStatus OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Current 15min Status
                        invalid(0),
                         normal(1),
                         alarm(2)"
        ::= { pasov4PmonDataEntry 4 }

p4pdDataCurrentDayData OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Current Day Data"
        ::= { pasov4PmonDataEntry 5 }

p4pdDataCurrentDayStatus OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Current Day Status
                        invalid(0),
                         normal(1),
                         alarm(2)"
        ::= { pasov4PmonDataEntry 6 }

p4pdDataHistory15minStatus OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "History 15min Status
                        invalid(0),
                         normal(1),
                         alarm(2)"
        ::= { pasov4PmonDataEntry 7 }

p4pdDataHistoryDayStatus OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "History Day Status
                        invalid(0),
                         normal(1),
                         alarm(2)"
        ::= { pasov4PmonDataEntry 8 }

pasov4PmonThresholdTable OBJECT-TYPE
        SYNTAX   SEQUENCE OF Pasov4PmonThresholdEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Performance Monitor Threshold Table"
        ::= { pasov4ValuePerformanceInformation 2 }

pasov4PmonThresholdEntry OBJECT-TYPE
        SYNTAX   Pasov4PmonThresholdEntry
        ACCESS   not-accessible
        STATUS   mandatory

```
          DESCRIPTION       "Performance Monitor Threshold Table Entry"
          INDEX             {
                                      p4ptThresholdPasoIndex,
                                      p4ptThresholdItemName
                            }
          ::= { pasov4PmonThresholdTable 1 }

Pasov4PmonThresholdEntry ::= SEQUENCE {
          p4ptThresholdPasoIndex         IpAddress,
          p4ptThresholdItemName          INTEGER,
          p4ptThreshold15minOccur        OCTET STRING,
          p4ptThreshold15minRecover      OCTET STRING,
          p4ptThresholdDayOccur          OCTET STRING,
          p4ptThresholdDayRecover        OCTET STRING
          }

p4ptThresholdPasoIndex OBJECT-TYPE
          SYNTAX        IpAddress
          ACCESS        read-only
          STATUS        mandatory
         DESCRIPTION    "Index"
          ::= { pasov4PmonThresholdEntry 1 }

p4ptThresholdItemName OBJECT-TYPE
          SYNTAX         INTEGER (0..4)
          ACCESS         read-only
          STATUS         mandatory
          DESCRIPTION    "Item Name
                          invalid(0),
                          pmonBBE(1),
                          pmonES(2),
                          pmonSES(3),
                          pmonUAS(4)"
          ::= { pasov4PmonThresholdEntry 2 }

p4ptThreshold15minOccur OBJECT-TYPE
          SYNTAX         OCTET STRING
          ACCESS         read-only
          STATUS         mandatory
          DESCRIPTION    "Performance Monitor Threshold Value: 15min.Occur"
          ::= { pasov4PmonThresholdEntry 3 }

p4ptThreshold15minRecover OBJECT-TYPE
          SYNTAX         OCTET STRING
          ACCESS         read-only
          STATUS         mandatory
          DESCRIPTION    "Performance Monitor Threshold Value: 15min.Recover"
          ::= { pasov4PmonThresholdEntry 4 }

p4ptThresholdDayOccur OBJECT-TYPE
          SYNTAX         OCTET STRING
          ACCESS         read-only
          STATUS         mandatory
          DESCRIPTION    "Performance Monitor Threshold Value: Day.Occur"
          ::= { pasov4PmonThresholdEntry 5 }

p4ptThresholdDayRecover OBJECT-TYPE
          SYNTAX         OCTET STRING
          ACCESS         read-only
          STATUS         mandatory
```

```
        DESCRIPTION      "Performance Monitor Threshold Value: Day.Recover"
        ::= { pasov4PmonThresholdEntry 6 }


pasov4PmcardHouseKeeping OBJECT IDENTIFIER
        ::= { pnmsPasoV4pmMeIop 2 }


pasov4PmcardAuxInputTable OBJECT-TYPE
        SYNTAX           SEQUENCE OF Pasov4PmcardAuxInputEntry
        ACCESS           not-accessible
        STATUS           mandatory
        DESCRIPTION      "Pasolink V4 AUX I/O Input Information"
        ::= { pasov4PmcardHouseKeeping 1 }


pasov4PmcardAuxInputEntry OBJECT-TYPE
        SYNTAX           Pasov4PmcardAuxInputEntry
        ACCESS           not-accessible
        STATUS           mandatory
        DESCRIPTION      "Pasolink V4 AUX I/O Input Information Entry"
        INDEX            {
                                 p4paiPasoIndex,
                                 p4paiPasoInputIndex
                         }
        ::= { pasov4PmcardAuxInputTable 1 }


Pasov4PmcardAuxInputEntry ::= SEQUENCE {
        p4paiPasoIndex           IpAddress,
        p4paiPasoInputIndex      INTEGER,
        p4paiPasoInputName       OCTET STRING,
        p4paiPasoInputStatus     INTEGER,
        p4paiPasoInputStatusType INTEGER
}


p4paiPasoIndex OBJECT-TYPE
        SYNTAX           IpAddress
        ACCESS           read-only
        STATUS           mandatory
        DESCRIPTION      "Pasolink IpAddress"
        ::= { pasov4PmcardAuxInputEntry 1 }


p4paiPasoInputIndex OBJECT-TYPE
        SYNTAX           INTEGER
        ACCESS           read-only
        STATUS           mandatory
        DESCRIPTION      "AUX I/O Input Number"
        ::= { pasov4PmcardAuxInputEntry 2 }


p4paiPasoInputName OBJECT-TYPE
        SYNTAX           OCTET STRING
        ACCESS           read-only
        STATUS           mandatory
        DESCRIPTION      "AUX I/O Input Name"
        ::= { pasov4PmcardAuxInputEntry 3 }


p4paiPasoInputStatus OBJECT-TYPE
        SYNTAX           INTEGER (0..2)
        ACCESS           read-only
        STATUS           mandatory
        DESCRIPTION      "AUX I/O Input Status
                     Invalid(0),
               Event Off-Open Loop(1),
```

                              Event On-Close Loop(2)"
        ::= { pasov4PmcardAuxInputEntry 4 }

p4paiPasoInputStatusType OBJECT-TYPE
        SYNTAX   INTEGER (0..3)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "AUX I/O Input Status Type
                        If paiPasoInputStatusType =
                Alarm When Event Off-Open Loop(1),
                        open stands for alarm, close stands for normal.
                        If paiPasoInputStatusType =
                Alarm When Event On-Close Loop(2),
                        open stands for nomal, close stands for alarm.
                        If paiPasoInputStatusType = Status(3),
                         paiPasoInputStatus means status information(not alarm information).

                         Invalid(0),
                         Alarm When Event Off-Open Loop(1),
                         Alarm When Event On-Close Loop(2),
                         Status(3)"
        ::= { pasov4PmcardAuxInputEntry 5 }

pasov4PmcardAuxOutputTable OBJECT-TYPE
        SYNTAX   SEQUENCE OF Pasov4PmcardAuxOutputEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Pasolink V4 AUX I/O Output Information"
        ::= { pasov4PmcardHouseKeeping 2 }

pasov4PmcardAuxOutputEntry OBJECT-TYPE
        SYNTAX   Pasov4PmcardAuxOutputEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Pasolink V4 AUX I/O Output Information Entry"
        INDEX   {
                                p4paoPasoIndex,
                                p4paoPasoOutputIndex
        }
        ::= { pasov4PmcardAuxOutputTable 1 }

Pasov4PmcardAuxOutputEntry ::= SEQUENCE {
        p4paoPasoIndex   IpAddress,
        p4paoPasoOutputIndex   INTEGER,
        p4paoPasoOutputName   OCTET STRING,
        p4paoPasoOutputStatus   INTEGER
}

p4paoPasoIndex OBJECT-TYPE
        SYNTAX   IpAddress
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Pasolink IpAddress"
        ::= { pasov4PmcardAuxOutputEntry 1 }

p4paoPasoOutputIndex OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "AUX I/O Output Number"

::= { pasov4PmcardAuxOutputEntry 2 }

p4paoPasoOutputName OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "AUX I/O Output Name"
        ::= { pasov4PmcardAuxOutputEntry 3 }

p4paoPasoOutputStatus OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "AUX I/O Output Status
                      Invalid(0) Note: This value can not control,
           Event Off-Open Loop(1),
                      Event On-Close Loop(2)"
        ::= { pasov4PmcardAuxOutputEntry 4 }

pasov4SystemGetMeasurementData OBJECT IDENTIFIER
        ::= { pnmsPasoV4pmMeIop 3 }

pasov4GetMeasurementTable OBJECT-TYPE
        SYNTAX   SEQUENCE OF Pasov4GetMeasurementEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Measurement Data"
        ::= { pasov4SystemGetMeasurementData 1 }

pasov4GetMeasurementEntry OBJECT-TYPE
        SYNTAX   Pasov4GetMeasurementEntry
        ACCESS   not-accessible
        STATUS   mandatory
        DESCRIPTION   "Measurement Entry"
        INDEX { p4gmManagerIndex }
        ::= { pasov4GetMeasurementTable 1 }

Pasov4GetMeasurementEntry ::= SEQUENCE {
        p4gmManagerIndex   IpAddress,
        p4gmRequestID   INTEGER,
        p4gmTargetPasolink   IpAddress,
        p4gmDataStatus   INTEGER
}

p4gmManagerIndex OBJECT-TYPE
        SYNTAX   IpAddress
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Upper(higher-level) Manager IpAddress"
        ::= { pasov4GetMeasurementEntry 1 }

p4gmRequestID OBJECT-TYPE
        SYNTAX   INTEGER (1..9999)
        ACCESS   read-write
        STATUS   mandatory
        DESCRIPTION   "Request ID"
        ::= { pasov4GetMeasurementEntry 2 }

p4gmTargetPasolink OBJECT-TYPE
        SYNTAX   IpAddress

```
                ACCESS          read-write
                STATUS          mandatory
                DESCRIPTION     "Target Pasolink IpAddress"
                ::= { pasov4GetMeasurementEntry 3 }

        p4gmDataStatus OBJECT-TYPE
                SYNTAX          INTEGER (0..3)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Data Status
                                  invalid(0),
                                   ready(1),
                                   wait(2),
                                   fail(3)"
                ::= { pasov4GetMeasurementEntry 4 }


--------------------------------------------
-- pmTrap Group Definitions
--------------------------------------------

        pasoV4pmTrapCommon OBJECT IDENTIFIER
                ::= { pnmsPasoV4pmTrap 1 }

        pasoV4pmTrapGenericVars OBJECT IDENTIFIER
                ::= { pasoV4pmTrapCommon 1 }

        v4trapSequenceNumber OBJECT-TYPE
                SYNTAX          Counter
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION "Trap Sequence Number(0..4294967295)"
                ::= { pasoV4pmTrapGenericVars 1 }

        v4trapDate OBJECT-TYPE
                SYNTAX          DisplayString
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Trap Date (YYYY/MM/DD)"
                ::= { pasoV4pmTrapGenericVars 2 }

        v4trapTime OBJECT-TYPE
                SYNTAX          DisplayString
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Trap Time (HH:MM:SS)"
                ::= { pasoV4pmTrapGenericVars 3 }

        v4trapSource OBJECT-TYPE
                SYNTAX          OBJECT IDENTIFIER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Trap Source"
                ::= { pasoV4pmTrapGenericVars 4 }

        pasoV4pmTrapX733Vars OBJECT IDENTIFIER
                ::= { pasoV4pmTrapCommon 2 }

        v4severity OBJECT-TYPE
                SYNTAX          SeverityValue
                ACCESS          read-only
```

```
                STATUS          mandatory
                DESCRIPTION     "Trap Severity
                                  Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
                ::= { pasoV4pmTrapX733Vars 1 }


        v4alarmType OBJECT-TYPE
                SYNTAX          AlarmTypeValue
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Alarm Type
                          Refer to AlarmTypeValue of TEXTUAL-CONVENTION"
                ::= { pasoV4pmTrapX733Vars 2 }


        v4probableCause OBJECT-TYPE
            SYNTAX              ProbableCauseValue
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Probable Cause
                          Refer to ProbableCauseValue of TEXTUAL-CONVENTION"
                ::= { pasoV4pmTrapX733Vars 3 }


        pasoV4pmTrapManagerDetailVars OBJECT IDENTIFIER
                ::= { pasoV4pmTrapCommon 3 }


        v4trapManagerType OBJECT-TYPE
                SYNTAX          ManagerTypeValue
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "PNM connection manager type"
                ::= { pasoV4pmTrapManagerDetailVars 1 }


        v4trapManagerStyle OBJECT-TYPE
                SYNTAX          ManagerStyleValue
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Connection type(Local/Remote/Opposite)"
                ::= { pasoV4pmTrapManagerDetailVars 2 }


        v4trapManagerIpAddress OBJECT-TYPE
                SYNTAX      IpAddress
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Connected PNM IP address
                                  IP  address  of  SNMP  manager  which  is  connected  is
automatically set."
                ::= { pasoV4pmTrapManagerDetailVars 3 }


---------------------------------------------------
-- pm Trap Item Type
---------------------------------------------------

        pasoV4pmTrapItemType OBJECT IDENTIFIER
                ::= { pnmsPasoV4pmTrap 2 }


        pasoV4pmTotalSummaryTrapItemType OBJECT IDENTIFIER
                ::= { pasoV4pmTrapItemType 1 }


        pasoV4pmPartialSummaryTrapItemType OBJECT IDENTIFIER
                ::= { pasoV4pmTrapItemType 2 }
```

```
pasoV4pmAlarmTrapItemType OBJECT IDENTIFIER
        ::= { pasoV4pmTrapItemType 3 }


pasoV4pmEventTrapItemType OBJECT IDENTIFIER
        ::= { pasoV4pmTrapItemType 4 }


pasoV4pmStatusTrapItemType OBJECT IDENTIFIER
        ::= { pasoV4pmTrapItemType 5 }


statusTypeV4Aux OBJECT-TYPE
        SYNTAX          INTEGER (0..3)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION "Status type of AUX.
                        0: Invalid
                                1: Alarm When Event Off-Open Loop
                                2: Alarm When Event On-Close Loop
                                3: Status"
        ::= { pasoV4pmStatusTrapItemType 1 }


statusTypeV4Ais OBJECT-TYPE
        SYNTAX          INTEGER (0..2)
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION "Status type of AIS.
                        0: Invalid
                        1: AlarmType
                        2: StatusType"
        ::= { pasoV4pmStatusTrapItemType 2 }


pasoV4pmFilterTrapItemType OBJECT IDENTIFIER
        ::= { pasoV4pmTrapItemType 6 }


pasoV4pmConfigTrapItemType OBJECT IDENTIFIER
        ::= { pasoV4pmTrapItemType 7 }


pasov4InputName OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Opto Name"
::= { pasoV4pmConfigTrapItemType 1 }


pasov4InputCondition OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION
                "Opto Condition
                invalid(0),
                Alarm When Event Off-Open Loop(1),
                Alarm When Event On-Close Loop(2),
                Status(3)"
::= { pasoV4pmConfigTrapItemType    2 }


pasov4OutputName OBJECT-TYPE
        SYNTAX   OCTET STRING
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Relay Name"
```

```
        ::= { pasoV4pmConfigTrapItemType    3 }

    pasoV4pmSystemTrapItemType OBJECT IDENTIFIER
          ::= { pasoV4pmTrapItemType 8 }

  systemPasov4RequestID OBJECT-TYPE
                  SYNTAX          INTEGER
                  ACCESS          read-only
                  STATUS          mandatory
                  DESCRIPTION     "Request ID"
      ::= { pasoV4pmSystemTrapItemType 1 }

  systemPasov4TargetIpAddress OBJECT-TYPE
                  SYNTAX          IpAddress
                  ACCESS          read-only
                  STATUS          mandatory
                  DESCRIPTION     "Pasolink V4 IpAddress"
      ::= { pasoV4pmSystemTrapItemType 2 }

  systemPasov4Result OBJECT-TYPE
                  SYNTAX          INTEGER (0..3)
                  ACCESS          read-only
                  STATUS          mandatory
                  DESCRIPTION     "Request Result
                                  invalid(0),
                                  ready(1),
                                  wait(2),
                                  fail(3)"
      ::= { pasoV4pmSystemTrapItemType 4 }

-------------------------------------------------
-- pm Trap Item Var
-------------------------------------------------

    pasoV4pmTrapItemVar OBJECT IDENTIFIER
          ::= { pnmsPasoV4pmTrap 3 }
-------------------------------------------------
-- pm Total Summary Trap Item Var
-------------------------------------------------

    pasoV4pmTotalSummaryTrapItemVar OBJECT IDENTIFIER
          ::= { pasoV4pmTrapItemVar 1 }

  v4totalSummaryItem OBJECT-TYPE
          SYNTAX          SeverityValue
          ACCESS          read-only
          STATUS          mandatory
          DESCRIPTION     "Total Sumamry
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
          ::= { pasoV4pmTotalSummaryTrapItemVar 1 }

-------------------------------------------------
-- pm Partial Summary Trap Item Var
-------------------------------------------------

    pasoV4pmPartialSummaryTrapItemVar OBJECT IDENTIFIER
          ::= { pasoV4pmTrapItemVar 2 }

  v4partialSummaryItemOdu OBJECT-TYPE
          SYNTAX          SeverityValue
```

```
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION "ODU Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmPartialSummaryTrapItemVar 1 }


    v4partialSummaryItemIdu OBJECT-TYPE
            SYNTAX          SeverityValue
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION "IDU Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmPartialSummaryTrapItemVar 2 }


    v4partialSummaryItemPmc OBJECT-TYPE
            SYNTAX          SeverityValue
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION "PMC Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmPartialSummaryTrapItemVar 3 }


    v4partialSummaryItemAux OBJECT-TYPE
            SYNTAX          SeverityValue
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION "AUX.IO Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmPartialSummaryTrapItemVar 4 }


    v4partialSummaryItemLpm OBJECT-TYPE
            SYNTAX          SeverityValue
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION "Link Performance Monitor Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmPartialSummaryTrapItemVar 5 }


---------------------------------------------------
-- pm Alarm Trap Item Var
---------------------------------------------------

    pasoV4pmAlarmTrapItemVar OBJECT IDENTIFIER
            ::= { pasoV4pmTrapItemVar 3 }


    alarmItemV4InputLoss OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Input Loss
                            0: Invalid
                            1: Normal
                            2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
            ::= { pasoV4pmAlarmTrapItemVar 1 }


    alarmItemV4BpOutputLoss OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
```

```
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "BP Output Loss
                            0: Invalid
                            1: Normal
                            2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 2 }


alarmItemV4WsInputLoss OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "WS Input Loss
                            0: Invalid
                            1: Normal
                            2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 3 }


alarmItemV4WsBpOutputLoss OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "WS BP Output Loss
                            0: Invalid
                            1: Normal
                            2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 4 }


alarmItemV4OduIduLink OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Status of ODU IDU Link
                                        0: Invalid
                            1: Normal
                            2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 5 }


alarmItemV4IfInput OBJECT-TYPE
            SYNTAX          INTEGER (0..2)
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "IF Input
                            0: Invalid
                            1: Normal
                            2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
```

                                probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 6 }

alarmItemV4RxApc OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "RX APC
                        0: Invalid
                        1: Normal
                        2: Alarm
                    severity=major
                                alarmType=equipmentAlarm
                                probableCause=equipmentMalfunction"
        ::= { pasoV4pmAlarmTrapItemVar 7 }

alarmItemV4TxApc OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "TX APC
                        0: Invalid
                        1: Normal
                        2: Alarm
                                severity=major
                                alarmType=equipmentAlarm
                                probableCause=equipmentMalfunction"
        ::= { pasoV4pmAlarmTrapItemVar 8 }

alarmItemV4RxLev OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "RX Level
                        0: Invalid
                        1: Normal
                        2: Alarm
                                severity=major
                                alarmType=qualityOfServiceAlarm
                                probableCause=thresholdCrossed"
        ::= { pasoV4pmAlarmTrapItemVar 9 }

alarmItemV4TxPwr OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "TX Power
                        0: Invalid
                        1: Normal
                        2: Alarm
                                severity=major
                                alarmType=equipmentAlarm
                                probableCause=powerProblem"
        ::= { pasoV4pmAlarmTrapItemVar 10 }

alarmItemV4LoBer OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Low BER

                     0: Invalid
                     1: Normal
                     2: Alarm
                          severity=minor
                          alarmType=qualityOfServiceAlarm
                          probableCause=thresholdCrossed"
        ::= { pasoV4pmAlarmTrapItemVar 11 }

alarmItemV4HiBer OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "High BER
                     0: Invalid
                     1: Normal
                     2: Alarm
                          severity=minor
                          alarmType=qualityOfServiceAlarm
                          probableCause=thresholdCrossed"
        ::= { pasoV4pmAlarmTrapItemVar 12 }

alarmItemV4Ber OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "BER
                     0: Invalid
                     1: Normal
                     2: Alarm
                          severity=major
                          alarmType=communicationAlarm
                          probableCause=framingError"
        ::= { pasoV4pmAlarmTrapItemVar 13 }

alarmItemV4FrameAsync OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Frame Async
                     0: Invalid
                     1: Normal
                     2: Alarm
                          severity=major
                          alarmType=communicationAlarm
                          probableCause=framingError"
        ::= { pasoV4pmAlarmTrapItemVar 14 }

alarmItemV4Dem OBJECT-TYPE
        SYNTAX   INTEGER (0..2)
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "DEM
                     0: Invalid
                     1: Normal
                     2: Alarm
                          severity=major
                          alarmType=equipmentAlarm
                          probableCause=equipmentMalfunction"
        ::= { pasoV4pmAlarmTrapItemVar 15 }

alarmItemV4Mod OBJECT-TYPE
      SYNTAX   INTEGER (0..2)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "MOD
                0: Invalid
                1: Normal
                2: Alarm
                      severity=major
                      alarmType=equipmentAlarm
                      probableCause=equipmentMalfunction"
      ::= { pasoV4pmAlarmTrapItemVar 16 }

alarmItemV4CpuAlarm OBJECT-TYPE
      SYNTAX   INTEGER (0..2)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "CPU Alarm
                0: Invalid
                1: Normal
                2: Alarm
                      severity=major
                      alarmType=equipmentAlarm
                      probableCause=processorProblem"
      ::= { pasoV4pmAlarmTrapItemVar 17 }

alarmItemV4TxClkLoss OBJECT-TYPE
      SYNTAX   INTEGER (0..2)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "TX Clock Loss
                0: Invalid
                1: Normal
                2: Alarm
                      severity=major
                      alarmType=communicationAlarm
                      probableCause=lossOfSignal"
      ::= { pasoV4pmAlarmTrapItemVar 18 }

alarmItemV4RxClkLoss OBJECT-TYPE
      SYNTAX   INTEGER (0..2)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "RX Clock Loss
                0: Invalid
                1: Normal
                2: Alarm
                      severity=major
                      alarmType=communicationAlarm
                      probableCause=lossOfSignal"
      ::= { pasoV4pmAlarmTrapItemVar 19 }

alarmItemV4PmonDaily OBJECT-TYPE
      SYNTAX   INTEGER (0..2)
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "PMON Daily Alarm
                0: Invalid
                1: Normal
                2: Alarm

                                    severity=minor
                                    alarmType=qualityOfServiceAlarm
                                    probableCause=thresholdCrossed"
                ::= { pasoV4pmAlarmTrapItemVar 20 }

alarmItemV4PmonWeekly OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "PMON Weekly Alarm
                                0: Invalid
                                1: Normal
                                2: Alarm
                                    severity=minor
                                    alarmType=qualityOfServiceAlarm
                                    probableCause=thresholdCrossed"
                ::= { pasoV4pmAlarmTrapItemVar 21 }

alarmItemV4PasoConnection OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "Status of Pasolink Connection
                                0: Invalid
                                1: Normal
                                2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
                ::= { pasoV4pmAlarmTrapItemVar 22 }

alarmItemV4PmcCommunication OBJECT-TYPE
                SYNTAX   INTEGER
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "Status of PMC Communication
                                0: Invalid
                                1: Normal
                                2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
                ::= { pasoV4pmAlarmTrapItemVar 23 }

alarmItemV4LanLinkAlarm OBJECT-TYPE
                SYNTAX   INTEGER
                ACCESS   read-only
                STATUS   mandatory
                DESCRIPTION   "LAN Link Alarm
                                0: Invalid
                                1: Normal
                                2: Alarm
                                    severity=major
                                    alarmType=communicationAlarm
                                    probableCause=lossOfSignal"
                ::= { pasoV4pmAlarmTrapItemVar 24 }

alarmItemV4LanCardAlarm OBJECT-TYPE
                SYNTAX   INTEGER (0..2)
                ACCESS   read-only

STATUS   mandatory
DESCRIPTION   "LAN Card Alarm
                        0: Invalid
                        1: Normal
                        2: Alarm
                                severity=major
                                alarmType=equipmentAlarm
                                probableCause=processorProblem"
        ::= { pasoV4pmAlarmTrapItemVar 25 }

alarmItemChUsageError OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "CH Usage Error
                                        0: Invalid
                                        1: Normal
                                        2: Alarm
                                severity=major
                                alarmType=communicationAlarm
                                probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 26 }

alarmItemWsChUsageError OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "CH Usage Error
                                        0: Invalid
                                        1: Normal
                                        2: Alarm
                                severity=major
                                alarmType=communicationAlarm
                                probableCause=lossOfSignal"
        ::= { pasoV4pmAlarmTrapItemVar 27 }

-- pm Event Trap Item Var
----

        pasoV4pmEventTrapItemVar OBJECT IDENTIFIER
                ::= { pasoV4pmTrapItemVar 4 }

eventItemV4WsAlmInh OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "WS Alm Inh"
        ::= { pasoV4pmEventTrapItemVar 1 }

eventItemV4Lb2 OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LB2"
        ::= { pasoV4pmEventTrapItemVar 2 }

eventItemV4Lb1 OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only

```
            STATUS          mandatory
            DESCRIPTION     "LB1"
            ::= { pasoV4pmEventTrapItemVar 3 }


eventItemV4AlmInh OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Alm Inh"
            ::= { pasoV4pmEventTrapItemVar 4 }


eventItemV4Sc4Selector OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "SC4 Selector"
            ::= { pasoV4pmEventTrapItemVar 5 }


eventItemV4Sc5Selector OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "SC5 Selector"
            ::= { pasoV4pmEventTrapItemVar 6 }


eventItemV4Remote OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Remote"
            ::= { pasoV4pmEventTrapItemVar 7 }


eventItemV4TxSelected OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Tx Selected"
            ::= { pasoV4pmEventTrapItemVar 8 }


eventItemV4RxSelected OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Rx Selected"
            ::= { pasoV4pmEventTrapItemVar 9 }


eventItemV4FrameID OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Frame ID"
            ::= { pasoV4pmEventTrapItemVar 10 }


eventItemV4BerThreshold OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Ber Threshold"
            ::= { pasoV4pmEventTrapItemVar 11 }
```

eventItemV4AisRcvd OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "Ais Rcvd"
       ::= { pasoV4pmEventTrapItemVar 12 }

eventItemV4AisSend OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "Ais Send"
       ::= { pasoV4pmEventTrapItemVar 13 }

eventItemV4TxAtt OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "MTPC TX Power[dB]"
       ::= { pasoV4pmEventTrapItemVar 14 }

eventItemV4BerAis OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "Ber Ais"
       ::= { pasoV4pmEventTrapItemVar 15 }

eventItemV4Cw OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "CW"
       ::= { pasoV4pmEventTrapItemVar 16 }

eventItemV4Maint OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "Maint"
       ::= { pasoV4pmEventTrapItemVar 17 }

eventItemV4Mute OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "Mute"
       ::= { pasoV4pmEventTrapItemVar 18 }

eventItemV4AuxOutput OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory
       DESCRIPTION   "Aux Output"
       ::= { pasoV4pmEventTrapItemVar 19 }

eventItemV4RxSel OBJECT-TYPE
       SYNTAX   INTEGER
       ACCESS   read-only
       STATUS   mandatory

DESCRIPTION   "Rx Sel"
::= { pasoV4pmEventTrapItemVar 20 }

eventItemV4TxSel OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Tx Sel"
        ::= { pasoV4pmEventTrapItemVar 21 }

eventItemV4RxSelAns OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Rx Sel Ans"
        ::= { pasoV4pmEventTrapItemVar 22 }

eventItemV4TxSelAns OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Tx Sel Ans"
        ::= { pasoV4pmEventTrapItemVar 23 }

eventItemV4DemInv OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Dem Inv"
        ::= { pasoV4pmEventTrapItemVar 24 }

eventItemV4Config OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Config"
        ::= { pasoV4pmEventTrapItemVar 25 }

eventItemV4ManualSw OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Manual SW"
        ::= { pasoV4pmEventTrapItemVar 26 }

eventItemV4BitRate OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "Bit Rate"
        ::= { pasoV4pmEventTrapItemVar 27 }

eventItemV4LanMount OBJECT-TYPE
        SYNTAX   INTEGER
        ACCESS   read-only
        STATUS   mandatory
        DESCRIPTION   "LAN Mount"
        ::= { pasoV4pmEventTrapItemVar 28 }

eventItemV4FeLinkCtrl OBJECT-TYPE

```
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "FE Link Ctrl"
                ::= { pasoV4pmEventTrapItemVar 29 }

eventItemV4LanThroughput OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "LAN Throughput"
                ::= { pasoV4pmEventTrapItemVar 30 }

eventItemV4LanWanSel OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "LAN WAN Sel"
                ::= { pasoV4pmEventTrapItemVar 31 }

eventItemV4CasCtrl OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Cas Ctrl"
                ::= { pasoV4pmEventTrapItemVar 32 }

eventItemV4CrcCtrl OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "CRC Ctrl"
                ::= { pasoV4pmEventTrapItemVar 33 }

eventItemV4FlowCtrl OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Flow Ctrl"
                ::= { pasoV4pmEventTrapItemVar 34 }

eventItemV4LanMode OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "LAN Mode"
                ::= { pasoV4pmEventTrapItemVar 35 }

eventItemV4CollisionReport OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "Collision Report"
                ::= { pasoV4pmEventTrapItemVar 36 }

eventItemV4LanReset OBJECT-TYPE
                SYNTAX          INTEGER
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "LAN Reset"
```

::= { pasoV4pmEventTrapItemVar 37 }

eventItemV4CollAlarm OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "Coll Alarm"
   ::= { pasoV4pmEventTrapItemVar 38 }

eventItemV4CableLengthDs3 OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "Cable Length DS3"
   ::= { pasoV4pmEventTrapItemVar 39 }

eventItemV4AisEnbDs3 OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "AIS Enb DS3"
   ::= { pasoV4pmEventTrapItemVar 40 }

eventItemV4BipolarCodeWs OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "Bipolar Code WS"
   ::= { pasoV4pmEventTrapItemVar 41 }

eventItemV4CableLengthWs OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "Cable Length WS"
   ::= { pasoV4pmEventTrapItemVar 42 }

eventItemV4BipolarCode OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "Bipolar Code"
   ::= { pasoV4pmEventTrapItemVar 43 }

eventItemV4CableLength OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "Cable Length"
   ::= { pasoV4pmEventTrapItemVar 44 }

eventItemV4Atpc OBJECT-TYPE
   SYNTAX   INTEGER
   ACCESS   read-only
   STATUS   mandatory
   DESCRIPTION "ATPC"
   ::= { pasoV4pmEventTrapItemVar 45 }

eventItemV4AtpcRxThreshold OBJECT-TYPE
   SYNTAX   INTEGER

      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Rx Threshold"
      ::= { pasoV4pmEventTrapItemVar 46 }

eventItemV4AtpcMaxPower OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "ATPC MAX Power"
      ::= { pasoV4pmEventTrapItemVar 47 }

eventItemV4AtpcMinPower OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "ATPC MIN Power"
      ::= { pasoV4pmEventTrapItemVar 48 }

eventItemV4OduAlmMode OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "ODU Alm mode"
      ::= { pasoV4pmEventTrapItemVar 49 }

eventItemV4TxFreq OBJECT-TYPE
      SYNTAX   OCTET STRING
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Tx Frequency[MHz]"
      ::= { pasoV4pmEventTrapItemVar 50 }

eventItemV4RxFreq OBJECT-TYPE
      SYNTAX   OCTET STRING
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Rx Frequency[MHz]"
      ::= { pasoV4pmEventTrapItemVar 51 }

eventItemV4LanCollReport OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "LAN Coll Report"
      ::= { pasoV4pmEventTrapItemVar 52 }

eventItemV4TxSwPriority OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Sw Priority"
      ::= { pasoV4pmEventTrapItemVar 53 }

eventItemV4Ne500Ctrl OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "NE 500 Ctrl"
      ::= { pasoV4pmEventTrapItemVar 54 }

eventItemV4AisRcvdInh OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "AIS Rcvd Inh"
      ::= { pasoV4pmEventTrapItemVar 55 }

eventItemV4WsAisRcvdInh OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "WS AIS Rcvd Inh"
      ::= { pasoV4pmEventTrapItemVar 56 }

eventItemV4ChUsageErrorCtrl OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "CH Usage Error Ctrl"
      ::= { pasoV4pmEventTrapItemVar 57 }

eventItemV4AtpcManualCtrl OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "ATPC Manual Ctrl"
      ::= { pasoV4pmEventTrapItemVar 58 }

eventItemV4BerAisMaint OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "Ber Ais Maint"
      ::= { pasoV4pmEventTrapItemVar 59 }

eventItemV4TxFreqCh OBJECT-TYPE
      SYNTAX   INTEGER
      ACCESS   read-only
      STATUS   mandatory
      DESCRIPTION   "TX Frequency Channel"
      ::= { pasoV4pmEventTrapItemVar 60 }

```
---------------------------------------------------
-- pm Status Trap Item Var
---------------------------------------------------
```

      pasoV4pmStatusTrapItemVar OBJECT IDENTIFIER
         ::= { pasoV4pmTrapItemVar 5 }

      statusItemV4AisRcvd OBJECT-TYPE
         SYNTAX   INTEGER (0..2)
         ACCESS   read-only
         STATUS   mandatory
         DESCRIPTION   "AIS RCVD
                   0: Invalid
                   1: Normal
                   2: RCVD
                         severity=major
                         alarmType=qualityOfServiceAlarm

```
                                          probableCause=thresholdCrossed"
          ::= { pasoV4pmStatusTrapItemVar 1 }


statusItemV4AisSend OBJECT-TYPE
          SYNTAX            INTEGER (0..2)
          ACCESS            read-only
          STATUS            mandatory
          DESCRIPTION       "AIS SEND
                            0: Invalid
                            1: Normal
                            2: SEND
                                       severity=major
                                       alarmType=qualityOfServiceAlarm
                                       probableCause=thresholdCrossed"
          ::= { pasoV4pmStatusTrapItemVar 2 }


statusItemV4WsAisRcvd OBJECT-TYPE
          SYNTAX            INTEGER (0..2)
          ACCESS            read-only
          STATUS            mandatory
          DESCRIPTION       "WS AIS RCVD
                            0: Invalid
                            1: Normal
                            2: RCVD
                                       severity=major
                                       alarmType=qualityOfServiceAlarm
                                       probableCause=thresholdCrossed"
          ::= { pasoV4pmStatusTrapItemVar 3 }


statusItemV4WsAisSend OBJECT-TYPE
          SYNTAX            INTEGER (0..2)
          ACCESS            read-only
          STATUS            mandatory
          DESCRIPTION       "WS AIS SEND
                            0: Invalid
                            1: Normal
                            2: SEND
                                       severity=major
                                       alarmType=qualityOfServiceAlarm
                                       probableCause=thresholdCrossed"
          ::= { pasoV4pmStatusTrapItemVar 4 }


statusItemV4AuxInput OBJECT-TYPE
          SYNTAX            INTEGER (0..2)
          ACCESS            read-only
          STATUS            mandatory
          DESCRIPTION       "AUX Input
                            0: Invalid
                            1: Normal
                            2: Alarm
                                       severity=major
                                       alarmType=equipmentAlarm
                                       probableCause=equipmentMalfunction"
          ::= { pasoV4pmStatusTrapItemVar 5 }


statusItemV4AuxInputChangeIndex OBJECT-TYPE
          SYNTAX            INTEGER
          ACCESS            read-only
          STATUS            mandatory
          DESCRIPTION       "AUX Input Change Index"
```

```
                    ::= { pasoV4pmStatusTrapItemVar 6 }

        statusItemV4CollAlarm OBJECT-TYPE
                SYNTAX          INTEGER (0..2)
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION "Collision Alarm
                                0: Invalid
                                1: Normal
                                2: Collision"
                ::= { pasoV4pmStatusTrapItemVar 7 }


----------------------------------------------
-- pmSummary Group Definitions
----------------------------------------------


        pasoV4pmSummaryItem OBJECT IDENTIFIER
                ::= { pnmsPasoV4pmSummary 1 }

        pasoV4pmOtherSummaryTable OBJECT-TYPE
                SYNTAX          SEQUENCE OF PasoV4pmOtherSummaryEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Summary Table"
                ::= { pasoV4pmSummaryItem 1 }

        pasoV4pmOtherSummaryEntry OBJECT-TYPE
                SYNTAX          PasoV4pmOtherSummaryEntry
                ACCESS          not-accessible
                STATUS          mandatory
                DESCRIPTION     "Summary Table Entry"
                INDEX           {
                                        v4posPasoIndex
                                }
                ::= { pasoV4pmOtherSummaryTable 1 }

        PasoV4pmOtherSummaryEntry ::= SEQUENCE {
                                v4posPasoIndex      IpAddress,
                                v4posPmcSummary      SeverityValue,
                                v4posAuxSummary     SeverityValue,
                                v4posLpmSummary      SeverityValue
                                }

        v4posPasoIndex OBJECT-TYPE
                SYNTAX          IpAddress
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "PASOLINK IP ADDRESS"
                ::= { pasoV4pmOtherSummaryEntry 1 }

        v4posPmcSummary OBJECT-TYPE
                SYNTAX          SeverityValue
                ACCESS          read-only
                STATUS          mandatory
                DESCRIPTION     "PMC Summary
                                Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
                ::= { pasoV4pmOtherSummaryEntry 2 }

        v4posAuxSummary OBJECT-TYPE
                SYNTAX          SeverityValue
```

```
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "AUX Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmOtherSummaryEntry 3 }


    v4posLpmSummary OBJECT-TYPE
            SYNTAX          SeverityValue
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Link Performance Monitor Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmOtherSummaryEntry 4   }


    pasoV4pmSummaryTable OBJECT-TYPE
            SYNTAX          SEQUENCE OF PasoV4pmSummaryEntry
            ACCESS          not-accessible
            STATUS          mandatory
            DESCRIPTION     "Summary Table"
            ::= { pasoV4pmSummaryItem 2 }


    pasoV4pmSummaryEntry OBJECT-TYPE
            SYNTAX          PasoV4pmSummaryEntry
            ACCESS          not-accessible
            STATUS          mandatory
            DESCRIPTION     "Summary Table Entry"
            INDEX           {
                                        v4psPasoIndex,
                                        v4psSummaryIndex
                            }
            ::= { pasoV4pmSummaryTable 1 }


    PasoV4pmSummaryEntry ::= SEQUENCE {
                                v4psPasoIndex      IpAddress,
                                v4psSummaryIndex   INTEGER,
                                v4psOduSummary     SeverityValue,
                                v4psIduSummary     SeverityValue
                            }

    v4psPasoIndex OBJECT-TYPE
            SYNTAX          IpAddress
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "PASOLINK IP ADDRESS"
            ::= { pasoV4pmSummaryEntry 1 }


    v4psSummaryIndex OBJECT-TYPE
            SYNTAX          INTEGER
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "Index"
            ::= { pasoV4pmSummaryEntry 2 }


    v4psOduSummary OBJECT-TYPE
            SYNTAX          SeverityValue
            ACCESS          read-only
            STATUS          mandatory
            DESCRIPTION     "ODU Summary
                            Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
            ::= { pasoV4pmSummaryEntry 3 }
```

```
v4psIduSummary OBJECT-TYPE
        SYNTAX          SeverityValue
        ACCESS          read-only
        STATUS          mandatory
        DESCRIPTION     "IDU Summary
                        Invalid(0),Clear(1),Minor(2),Major(3),Critical(4)"
        ::= { pasoV4pmSummaryEntry 4 }
```

-- TRAP Definitions

```
v4partialSummaryTrapOdu   TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
                                v4probableCause,
                                v4partialSummaryItemOdu
                        }
        ::= 10

v4partialSummaryTrapIdu   TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
                                v4probableCause,
                                v4partialSummaryItemIdu
                        }
        ::= 11

v4partialSummaryTrapPmc   TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
                                v4probableCause,
                                v4partialSummaryItemPmc
                        }
        ::= 12

v4partialSummaryTrapAux   TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
```

```
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        v4partialSummaryItemAux
                                    }
            ::= 13

v4partialSummaryTrapLpm  TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        v4partialSummaryItemLpm
                                    }
            ::= 14

alarmTrapV4InputLoss     TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4InputLoss
                                    }
            ::= 101

alarmTrapV4BpOutputLoss  TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4BpOutputLoss
                                    }
            ::= 102

alarmTrapV4WsInputLoss   TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
```

```
                                        v4probableCause,
                                        alarmItemV4WsInputLoss
                                    }
        ::= 103


alarmTrapV4WsBpOutputLoss        TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4WsBpOutputLoss
                                    }
        ::= 104


alarmTrapV4OduIduLink        TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4OduIduLink
                                    }
        ::= 105


alarmTrapV4IfInput        TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4IfInput
                                    }
        ::= 106


alarmTrapV4RxApc        TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4RxApc
                                    }
        ::= 107
```

```
alarmTrapV4TxApc          TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                  v4trapSequenceNumber,
                                  v4trapDate,
                                  v4trapTime,
                                  v4trapSource,
                                  v4severity,
                                  v4alarmType,
                                  v4probableCause,
                                  alarmItemV4TxApc
                          }
        ::= 108

alarmTrapV4RxLev          TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                  v4trapSequenceNumber,
                                  v4trapDate,
                                  v4trapTime,
                                  v4trapSource,
                                  v4severity,
                                  v4alarmType,
                                  v4probableCause,
                                  alarmItemV4RxLev
                          }
        ::= 109

alarmTrapV4TxPwr          TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                  v4trapSequenceNumber,
                                  v4trapDate,
                                  v4trapTime,
                                  v4trapSource,
                                  v4severity,
                                  v4alarmType,
                                  v4probableCause,
                                  alarmItemV4TxPwr
                          }
        ::= 110

alarmTrapV4LoBer          TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                  v4trapSequenceNumber,
                                  v4trapDate,
                                  v4trapTime,
                                  v4trapSource,
                                  v4severity,
                                  v4alarmType,
                                  v4probableCause,
                                  alarmItemV4LoBer
                          }
        ::= 111

alarmTrapV4HiBer TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
```

```
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4HiBer
                                    }
            ::= 112


alarmTrapV4Ber    TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4Ber
                                    }
            ::= 113


alarmTrapV4FrameAsync   TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4FrameAsync
                                    }
            ::= 114


alarmTrapV4Dem  TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4Dem
                                    }
            ::= 115


alarmTrapV4Mod  TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
```

```
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4Mod
                                    }
            ::= 116

alarmTrapV4CpuAlarm       TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    v4severity,
                                    v4alarmType,
                                    v4probableCause,
                                    alarmItemV4CpuAlarm
                                }
            ::= 117

alarmTrapV4TxClkLoss      TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    v4severity,
                                    v4alarmType,
                                    v4probableCause,
                                    alarmItemV4TxClkLoss
                                }
            ::= 118

alarmTrapV4RxClkLoss      TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    v4severity,
                                    v4alarmType,
                                    v4probableCause,
                                    alarmItemV4RxClkLoss
                                }
            ::= 119

alarmTrapV4PmonDaily      TRAP-TYPE
        ENTERPRISE        pasolinkV4
        VARIABLES         {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    v4severity,
                                    v4alarmType,
                                    v4probableCause,
                                    alarmItemV4PmonDaily
```

```
                                    }
        ::= 120


alarmTrapV4PmonWeekly    TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES    {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            v4severity,
                            v4alarmType,
                            v4probableCause,
                            alarmItemV4PmonWeekly
                        }
        ::= 121


alarmTrapV4PasoConnection        TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES    {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            v4severity,
                            v4alarmType,
                            v4probableCause,
                            alarmItemV4PasoConnection
                        }
        ::= 122


alarmTrapV4PmcCommunication        TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES    {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            v4severity,
                            v4alarmType,
                            v4probableCause,
                            alarmItemV4PmcCommunication
                        }
        ::= 123


alarmTrapV4LanLinkAlarm    TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES    {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            v4severity,
                            v4alarmType,
                            v4probableCause,
                            alarmItemV4LanLinkAlarm
                        }
        ::= 124


alarmTrapV4LanCardAlarm  TRAP-TYPE
```

```
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemV4LanCardAlarm
                              }
            ::= 125

alarmTrapChUsageError TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemChUsageError
                              }
            ::= 126

alarmTrapWsChUsageError TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        alarmItemWsChUsageError
                              }
            ::= 127

eventTrapV4WsAlmInh       TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4WsAlmInh
                              }
            ::= 201

eventTrapV4Lb2    TRAP-TYPE
            ENTERPRISE        pasolinkV4
            VARIABLES         {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4Lb2
```

```
                                        }
        ::= 202


eventTrapV4Lb1   TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4Lb1
                                }
        ::= 203


eventTrapV4AlmInh        TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4AlmInh
                                }
        ::= 204


eventTrapV4Sc4Selector   TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4Sc4Selector
                                }
        ::= 205


eventTrapV4Sc5Selector   TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4Sc5Selector
                                }
        ::= 206


eventTrapV4Remote        TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4Remote
                                }
        ::= 207


eventTrapV4TxSelected    TRAP-TYPE
        ENTERPRISE    pasolinkV4
```

```
            VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4TxSelected
                            }
            ::= 208

eventTrapV4RxSelected       TRAP-TYPE
            ENTERPRISE      pasolinkV4
            VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4RxSelected
                            }
            ::= 209

eventTrapV4FrameID          TRAP-TYPE
            ENTERPRISE      pasolinkV4
            VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4FrameID
                            }
            ::= 210

eventTrapV4BerThreshold     TRAP-TYPE
            ENTERPRISE      pasolinkV4
            VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4BerThreshold
                            }
            ::= 211

eventTrapV4AisRcvd          TRAP-TYPE
            ENTERPRISE      pasolinkV4
            VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4AisRcvd
                            }
            ::= 212

eventTrapV4AisSend          TRAP-TYPE
            ENTERPRISE      pasolinkV4
            VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
```

```
                                    eventItemV4AisSend
                                  }
        ::= 213


eventTrapV4TxAtt TRAP-TYPE
        ENTERPRISE     pasolinkV4
        VARIABLES      {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    eventItemV4TxAtt
                                  }
        ::= 214


eventTrapV4BerAis        TRAP-TYPE
        ENTERPRISE     pasolinkV4
        VARIABLES      {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    eventItemV4BerAis
                                  }
        ::= 215


eventTrapV4Cw    TRAP-TYPE
        ENTERPRISE     pasolinkV4
        VARIABLES      {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    eventItemV4Cw
                                  }
        ::= 216


eventTrapV4Maint TRAP-TYPE
        ENTERPRISE     pasolinkV4
        VARIABLES      {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    eventItemV4Maint
                                  }
        ::= 217


eventTrapV4Mute  TRAP-TYPE
        ENTERPRISE     pasolinkV4
        VARIABLES      {
                                    v4trapSequenceNumber,
                                    v4trapDate,
                                    v4trapTime,
                                    v4trapSource,
                                    eventItemV4Mute
                                  }
        ::= 218


eventTrapV4AuxOutput       TRAP-TYPE
```

ENTERPRISE   pasolinkV4
VARIABLES   {

       v4trapSequenceNumber,
       v4trapDate,
       v4trapTime,
       v4trapSource,
       eventItemV4AuxOutput
       }
    ::= 219

eventTrapV4RxSelTRAP-TYPE
    ENTERPRISE   pasolinkV4
    VARIABLES   {

       v4trapSequenceNumber,
       v4trapDate,
       v4trapTime,
       v4trapSource,
       eventItemV4RxSel
       }
    ::= 220

eventTrapV4TxSel TRAP-TYPE
    ENTERPRISE   pasolinkV4
    VARIABLES   {

       v4trapSequenceNumber,
       v4trapDate,
       v4trapTime,
       v4trapSource,
       eventItemV4TxSel
       }
    ::= 221

eventTrapV4RxSelAns   TRAP-TYPE
    ENTERPRISE   pasolinkV4
    VARIABLES   {

       v4trapSequenceNumber,
       v4trapDate,
       v4trapTime,
       v4trapSource,
       eventItemV4RxSelAns
       }
    ::= 222

eventTrapV4TxSelAns   TRAP-TYPE
    ENTERPRISE   pasolinkV4
    VARIABLES   {

       v4trapSequenceNumber,
       v4trapDate,
       v4trapTime,
       v4trapSource,
       eventItemV4TxSelAns
       }
    ::= 223

eventTrapV4DemInv   TRAP-TYPE
    ENTERPRISE   pasolinkV4
    VARIABLES   {

       v4trapSequenceNumber,
       v4trapDate,
       v4trapTime,

```
                              v4trapSource,
                              eventItemV4DemInv
                          }
        ::= 224

eventTrapV4Config     TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                              v4trapSequenceNumber,
                              v4trapDate,
                              v4trapTime,
                              v4trapSource,
                              eventItemV4Config
                          }
        ::= 225

eventTrapV4ManualSw   TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                              v4trapSequenceNumber,
                              v4trapDate,
                              v4trapTime,
                              v4trapSource,
                              eventItemV4ManualSw
                          }
        ::= 226

eventTrapV4BitRate    TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                              v4trapSequenceNumber,
                              v4trapDate,
                              v4trapTime,
                              v4trapSource,
                              eventItemV4BitRate
                          }
        ::= 227

eventTrapV4LanMount   TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                              v4trapSequenceNumber,
                              v4trapDate,
                              v4trapTime,
                              v4trapSource,
                              eventItemV4LanMount
                          }
        ::= 228

eventTrapV4FeLinkCtrl TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                              v4trapSequenceNumber,
                              v4trapDate,
                              v4trapTime,
                              v4trapSource,
                              eventItemV4FeLinkCtrl
                          }
        ::= 229
```

```
eventTrapV4LanThroughput TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4LanThroughput
                        }
        ::= 230

eventTrapV4LanWanSel    TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4LanWanSel
                        }
        ::= 231

eventTrapV4CasCtrl      TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4CasCtrl
                        }
        ::= 232

eventTrapV4CrcCtrl      TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4CrcCtrl
                        }
        ::= 233

eventTrapV4FlowCtrl     TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4FlowCtrl
                        }
        ::= 234

eventTrapV4LanMode      TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
```

```
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4LanMode
                                    }
        ::= 235

eventTrapV4CollisionReport TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4CollisionReport
                                    }
        ::= 236

eventTrapV4LanReset       TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4LanReset
                                    }
        ::= 237

eventTrapV4CollAlarm TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4CollAlarm
                                    }
        ::= 238

eventTrapV4CableLengthDs3          TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4CableLengthDs3
                                    }
        ::= 239

eventTrapV4AisEnbDs3      TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        eventItemV4AisEnbDs3
                                    }
        ::= 240
```

```
eventTrapV4BipolarCodeWs          TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4BipolarCodeWs
                        }
        ::= 241

eventTrapV4CableLengthWs          TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4CableLengthWs
                        }
        ::= 242

eventTrapV4BipolarCode    TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4BipolarCode
                        }
        ::= 243

eventTrapV4CableLength    TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4CableLength
                        }
        ::= 244

eventTrapV4Atpc   TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                eventItemV4Atpc
                        }
        ::= 245

eventTrapV4AtpcRxThreshold        TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                v4trapSequenceNumber,
```

```
                                              v4trapDate,
                                              v4trapTime,
                                              v4trapSource,
                                              eventItemV4AtpcRxThreshold
                                      }
                ::= 246

eventTrapV4AtpcMaxPower TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                      v4trapSequenceNumber,
                                      v4trapDate,
                                      v4trapTime,
                                      v4trapSource,
                                      eventItemV4AtpcMaxPower
                                      }
                ::= 247

eventTrapV4AtpcMinPower TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                      v4trapSequenceNumber,
                                      v4trapDate,
                                      v4trapTime,
                                      v4trapSource,
                                      eventItemV4AtpcMinPower
                                      }
                ::= 248

eventTrapV4OduAlmMode TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                      v4trapSequenceNumber,
                                      v4trapDate,
                                      v4trapTime,
                                      v4trapSource,
                                      eventItemV4OduAlmMode
                                      }
                ::= 249

eventTrapV4TxFreq       TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                      v4trapSequenceNumber,
                                      v4trapDate,
                                      v4trapTime,
                                      v4trapSource,
                                      eventItemV4TxFreq
                                      }
                ::= 250

eventTrapV4RxFreq       TRAP-TYPE
        ENTERPRISE      pasolinkV4
        VARIABLES       {
                                      v4trapSequenceNumber,
                                      v4trapDate,
                                      v4trapTime,
                                      v4trapSource,
                                      eventItemV4RxFreq
                                      }
```

::= 251

eventTrapV4LanCollReport TRAP-TYPE
     ENTERPRISE   pasolinkV4
     VARIABLES   {
               v4trapSequenceNumber,
               v4trapDate,
               v4trapTime,
               v4trapSource,
               eventItemV4LanCollReport
               }
     ::= 252

eventTrapV4TxSwPriority TRAP-TYPE
     ENTERPRISE   pasolinkV4
     VARIABLES   {
               v4trapSequenceNumber,
               v4trapDate,
               v4trapTime,
               v4trapSource,
               eventItemV4TxSwPriority
               }
     ::= 253

eventTrapV4Ne500Ctrl TRAP-TYPE
     ENTERPRISE   pasolinkV4
     VARIABLES   {
               v4trapSequenceNumber,
               v4trapDate,
               v4trapTime,
               v4trapSource,
               eventItemV4Ne500Ctrl
               }
     ::= 254

eventTrapV4AisRcvdInh TRAP-TYPE
     ENTERPRISE   pasolinkV4
     VARIABLES   {
               v4trapSequenceNumber,
               v4trapDate,
               v4trapTime,
               v4trapSource,
               eventItemV4AisRcvdInh
               }
     ::= 255

eventTrapV4WsAisRcvdInh TRAP-TYPE
     ENTERPRISE   pasolinkV4
     VARIABLES   {
               v4trapSequenceNumber,
               v4trapDate,
               v4trapTime,
               v4trapSource,
               eventItemV4WsAisRcvdInh
               }
     ::= 256

eventTrapV4ChUsageErrorCtrl   TRAP-TYPE
     ENTERPRISE   pasolinkV4
     VARIABLES   {

```
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            eventItemV4ChUsageErrorCtrl
                          }
        ::= 257

eventTrapV4AtpcManualCtrlTRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            eventItemV4AtpcManualCtrl
                          }
        ::= 258

eventTrapV4BerAisMaint    TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            eventItemV4BerAisMaint
                          }
        ::= 259

 eventTrapV4TxFreqCh    TRAP-TYPE
        ENTERPRISE    pasolinkV4
        VARIABLES     {
                            v4trapSequenceNumber,
                            v4trapDate,
                            v4trapTime,
                            v4trapSource,
                            eventItemV4TxFreqCh
                          }
        ::= 260


configPasov4InputName TRAP-TYPE
        ENTERPRISE pasolinkV4
        VARIABLES {
                v4trapSequenceNumber,
                v4trapDate,
                v4trapTime,
                v4trapSource,
                pasov4InputName
        }
        DESCRIPTION    "Opto Name"
::= 400

configPasov4InputCondition TRAP-TYPE
        ENTERPRISE pasolinkV4
        VARIABLES {
                 v4trapSequenceNumber,
                v4trapDate,
                v4trapTime,
```

```
                              v4trapSource,
                              pasov4InputCondition
            }
            DESCRIPTION     "Opto Condition"
::= 401

configPasov4OutputName TRAP-TYPE
            ENTERPRISE pasolinkV4
            VARIABLES {
                              v4trapSequenceNumber,
                         v4trapDate,
                         v4trapTime,
                         v4trapSource,
                         pasov4OutputName
            }
            DESCRIPTION     "Relay Name"
::= 402


statusTrapV4AisRcvd       TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        statusTypeV4Ais,
                                        statusItemV4AisRcvd
                              }
            ::= 501

statusTrapV4AisSend       TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        statusTypeV4Ais,
                                        statusItemV4AisSend
                              }
            ::= 502

statusTrapV4WsAisRcvd     TRAP-TYPE
            ENTERPRISE    pasolinkV4
            VARIABLES     {
                                        v4trapSequenceNumber,
                                        v4trapDate,
                                        v4trapTime,
                                        v4trapSource,
                                        v4severity,
                                        v4alarmType,
                                        v4probableCause,
                                        statusTypeV4Ais,
```

```
                                        statusItemV4WsAisRcvd
                                    }
        ::= 503

statusTrapV4WsAisSend       TRAP-TYPE
        ENTERPRISE          pasolinkV4
        VARIABLES           {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
                                v4probableCause,
                                statusTypeV4Ais,
                                statusItemV4WsAisSend
                            }
        ::= 504

statusTrapV4AuxInput        TRAP-TYPE
        ENTERPRISE          pasolinkV4
        VARIABLES           {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
                                v4probableCause,
                                statusTypeV4Aux,
                                statusItemV4AuxInputChangeIndex,
                                statusItemV4AuxInput
                            }
        ::= 505

statusTrapV4AuxInputChangeIndex    TRAP-TYPE
        ENTERPRISE          pasolinkV4
        VARIABLES           {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
                                v4probableCause,
                                statusTypeV4Aux,
                                statusItemV4AuxInputChangeIndex,
                                statusItemV4AuxInput
                            }
        ::= 506

statusTrapV4CollAlarm       TRAP-TYPE
        ENTERPRISE          pasolinkV4
        VARIABLES           {
                                v4trapSequenceNumber,
                                v4trapDate,
                                v4trapTime,
                                v4trapSource,
                                v4severity,
                                v4alarmType,
```

```
                                    v4probableCause,
                                    statusItemV4CollAlarm
                                }
                ::= 507


        systemPasov4GetResult TRAP-TYPE
                ENTERPRISE pasolinkV4
                VARIABLES {
                        v4trapSequenceNumber,
                         v4trapDate,
                         v4trapTime,
                         systemPasov4RequestID,
                         systemPasov4TargetIpAddress,
                         systemPasov4Result
                }
                DESCRIPTION     "The result of Request"
        ::= 600
```

```
---------------------------------------------
-- End User MIB Object Definitions
---------------------------------------------
END
```