



Mapping FTP Files to the Database Schema

This appendix provides mapping information about the FTP files that are uploaded from the cards. The tables in this section use the following format:

- Mapping follows the same sequence as in the FTP files.
- *DB Schema Mapping* column shows the mapping of the fields in the tables of the database.

PXM45 Cards

This file contains configuration information about the PXM-45 cards.

Table D-1 *CARD_1_CC.CF to the PXM45 Card*

MIB Group	MIB varBind in File	DB Schema Mapping
—	—	node table
—	shelfIntegratedAlarm	alarm_state
entPhysicalTable	—	card table shelf table peripheral table
entPhysicalIndex	—	ent_phy_idx bc_ent_phy_idx sec_bc_ent_phy_idx
—	entPhysicalDescr	fc_descr bc_descr sec_bc_descr
—	entPhysicalVendorType	fc_type bc_type sec_bc_type
—	entPhysicalContainedIn	shelf
—	entPhysicalClass	—
—	entPhysicalParentRelPos	slot
—	entPhysicalName	—

Table D-1 CARD_1_CC.CF to the PXM45 Card (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	entPhysicalHardwareRev	fc_hw_rev bc_hw_rev sec_bc_hw_rev
—	entPhysicalFirmwareRev	fc_fw_rev bc_fw_rev sec_bc_fw_rev
—	entPhysicalSoftwareRev	fc_fw_rev bc_fw_rev sec_bc_fw_rev
—	entPhysicalSerialNum	fc_serial_num bc_serial_num sec_bc_serial_num
—	entPhysicalMfgName	—
ifXTable	—	ausm_port table
ifIndex	—	if_index
—	ifName	—
—	ifHighSpeed	high_speed
ifTable	—	ausm_port table
ifIndex	—	if_index
—	ifDescr	—
—	ifType	interface_type
—	ifSpeed	port_speed
—	ifAdminStatus	admin_status
—	ifOperStatus	status
cefcModuleTable	—	card table
entPhysicalIndex	—	—
—	cefcModuleOperStatus	fc_state
—	cefcModuleAdminStatus	fc_admin_status
—	cefcModuleResetReason	fc_reset_reason
smRedMapTable	—	redundantCard table
redPrimarySlotNum	—	pri_slot
—	redPrimaryState	pri_status
—	redSecondarySlotNum	sec_slot
—	redSecondaryState	sec_status
—	redType	red_type
—	redCoveringSlot	covered_slot

Table D-1 CARD_1_CC.CF to the PXM45 Card (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
cvcConfTable	—	controller table
cvcConfControllerID	—	ctrlr_id
—	cvcConfControllerType	ctrlr_type
—	cvcConfControllerShelfLocation	ctrlr_loc
—	cvcConfControllerLocation	—
—	cvcConfControllerName	ctrlr_name
—	cvcConfVpi	attached_vpi
—	cvcConfVci	attached_vci

PNNI_1_CC.CF

This file contains configuration information about PNNI in *CISCO-WAN-SVC-MIB.my* in the */usr/users/svplus/mibs/mibdir* directory.

Table D-2 PNNI_1_CC.CF

MIB Group	MIB varBind in File	DB Schema Mapping
ciscoWANSvcInfo	—	controller table
—	cwsControllerStatus	ctrlr_status
—	cwsSwRevision	sw_rev
cwspConfigTable	—	svc_port table
ifIndex	—	if_index
—	cwspAdminStatus	admin_status
—	cwspOperStatus	oper_status
—	cwspSvcBlocked	svc_blocked
—	cwspSpvcBlocked	spvc_blocked
—	cwspSignallingVpi	signalling_vpi
—	cwspSignallingVci	signalling_vci
—	cwspRoutingVpi	routing_vpi
—	cwspRoutingVci	routing_vci
—	cwspUniVersion	uni_version
—	cwspNniVersion	nni_version
—	cwspUniType	uni_type
—	cwspSide	side
—	cwspMinSvccVpi	svcc_vpi_lo
—	cwspMaxSvccVpi	svcc_vpi_hi
—	cwspMinSvccVci	svcc_vci_lo

Table D-2 PNNI_1_CC.CF (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwspMaxSvccVci	svcc_vci_hi
—	cwspMinSvpcVpi	svpc_vpi_lo
—	cwspMaxSvpcVpi	svpc_vpi_hi
—	cwspEnhancedIisp	enhanced_lisp
cwspCacConfigTable	—	svc_cac table
ifIndex	—	if_index
—	cwspUtilFactorCbr	util_fact_cbr
—	cwspUtilFactorRtVbr	util_fact_rt_vbr
—	cwspUtilFactorNrtVbr	util_fact_nrt_vbr
—	cwspUtilFactorAbr	util_fact_abr
—	cwspUtilFactorUbr	util_fact_ubr
—	cwspMaxBwCbr	max_bw_cbr
—	cwspMaxBwRtVbr	max_bw_rt_vbr
—	cwspMaxBwNrtVbr	max_bw_nrt_vbr
—	cwspMaxBwAbr	max_bw_abr
—	cwspMaxBwUbr	max_bw_ubr
—	cwspMinBwCbr	min_bw_cbr
—	cwspMinBwRtVbr	min_bw_rt_vbr
—	cwspMinBwNrtVbr	min_bw_nrt_vbr
—	cwspMinBwAbr	min_bw_abr
—	cwspMinBwUbr	min_bw_ubr
—	cwspMaxVcCbr	max_vc_cbr
—	cwspMaxVcRtVbr	max_vc_rt_vbr
—	cwspMaxVcNrtVbr	max_vc_nrt_vbr
—	cwspMaxVcAbr	max_vc_abr
—	cwspMaxVcUbr	max_vc_ubr
—	cwspMinVcCbr	min_vc_cbr
—	cwspMinVcRtVbr	min_vc_rt_vbr
—	cwspMinVcNrtVbr	min_vc_nrt_vbr
—	cwspMinVcAbr	min_vc_abr
—	cwspMinVcUbr	min_vc_ubr
—	cwspMaxVcBwCbr	max_vc_bw_cbr
—	cwspMaxVcBwRtVb	max_vc_bw_rt_vbr
—	cwspMaxVcBwNrtVbr	max_vc_bw_nrt_vbr
—	cwspMaxVcBwAbr	max_vc_bw_abr
—	cwspMaxVcBwUbr	max_vc_bw_ubr

Table D-2 PNNI_1_CC.CF (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwspDefaultCdvtCbr	def_cdvt_cbr
—	cwspDefaultCdvtRtVbr	def_cdvt_rt_vbr
—	cwspDefaultCdvtNrtVbr	def_cdvt_nrt_vbr
—	cwspDefaultCdvtAbr	def_cdvt_abr
—	cwspDefaultCdvtUbr	def_cdvt_ubr
—	cwspDefaultMbsRtVbr	def_mbs_rt_vbr
—	cwspDefaultMbsNrtVbr	def_mbs_nrt_vbr
cwspOperationTable	—	svc_operation table
ifIndex	—	if_index
—	cwspOperIlmiEnable	ilmi_enable
—	cwspOperIfcType	ifc_type
—	cwspOperIfcSide	ifc_side
—	cwspOperMaxVPCs	max_vpcs
—	cwspOperMaxVCCs	max_vccs
—	cwspOperMaxVpiBits	max_vpibits
—	cwspOperMaxVciBits	max_vcibits
—	cwspOperUniType	uni_type
—	cwspOperUniVersion	uni_version
—	cwspOperDeviceType	device_type
—	cwspOperIlmiVersion	ilmi_version
—	cwspOperNniSigVersioin	nni_sig_version
—	cwspOperMaxSvpcVpi	max_svpc_vpi
—	cwspOperMinSvpcVpi	min_svpc_vpi
—	cwspOperMaxSvccVpi	max_svcc_vpi
—	cwspOperMinSvccVpi	min_svcc_vpi
—	cwspOperMaxSvccVci	max_svcc_vci
—	cwspOperMinSvccVci	min_svcc_vci
—	cwspOperAddrPlanSupported	—

SCT_1_CC.CF

This file contains configuration information about the service connection template (SCT) defined in the node. This file is contained in the SCT.MIB.

Table D-3 SCT_1_CC.CF

MIB Group	MIB varBind in File	DB Schema Mapping
cwSctVcDescTable	—	sct_vc table
cwSctId	—	sct_id
cwSctVcDescServiceType	—	service_type
—	cwSctVcDescServiceCategory	service_catgy
—	cwSctVcDescCosbNumber	cosb_num
—	cwSctVcDescCacTreatment	cac_treatment
—	cwSctVcDescUpcEnable	upc_enable
—	cwSctVcDescUpcClpSelection	upc_clp_sel
—	cwSctVcDescPolicingActGcr1	pol_act_gcr1
—	cwSctVcDescPolicingActGcr2	pol_act_gcr2
—	cwSctVcDescPcr	pcr
—	cwSctVcDescScr	scr
—	cwSctVcDescMcr	mcr
—	cwSctVcDescIcr	icr
—	cwSctVcDescMbs	mbs
—	cwSctVcDescMfs	mfs
—	cwSctVcDescCdvt	cdvt
—	cwSctVcDescVcPktDiscdMode	pkt_discard_mode
—	cwSctVcDescMaxThreshold	max_thresh
—	cwSctVcDescClp1HighThreshold	clp1_high_thresh
—	cwSctVcDescClp1LowOrEpd1Thresh	clp1_low_thresh
—	cwSctVcDescEpd0Threshold	epd0_thresh
—	cwSctVcDescEfcIThreshold	efci_thresh
—	cwSctVcDescCosScalingClass	cos_scaling_class
—	cwSctVcDescLogicalPortScaling	l_port_scaling
—	cwSctVcDescCiControl	ci_control
—	cwSctVcDescCrmCells	crm_cells
—	cwSctVcDescVsvd	vsvd
—	cwSctVcDescAdtf	adtf
—	cwSctVcDescRdf	rdf
—	cwSctVcDescRif	rif
—	cwSctVcDescNrm	nrm

Table D-3 SCT_1_CC.CF (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwSctVcDescTrm	trm
—	cwSctVcDescCdf	cdf
—	cwSctVcDescTbe	tbe
—	cwSctVcDescFrtt	frtt
—	cwSctVcDescWfqEnable	wfq
cwSctCosbTable	—	sct_cosb table
cwSctCosbSctId	—	sct_id
cwSctCosbNumber	—	cosb_num
—	cwSctCosbMinRate	cosb_min_rate
—	cwSctCosbMaxReservableRate	max_reserv_rate
—	cwSctCosbMinPriority	cosb_min_pri
—	cwSctCosbExcessPriority	cosb_excess_pri
—	cwSctCosbMaxThreshold	max_thresh
—	cwSctCosbClp1HighThreshold	clp1_high_thresh
—	cwSctCosbClp1LowOrEpd1Threshold	clp1_low_thresh
—	cwSctCosbEpd0Threshold	epd0_thresh
—	cwSctCosbEfcIThreshold	efci_thresh
—	cwSctCosbErs	ers
—	cwSctCosbRedSelection	red_sel
—	cwSctCosbRedThreshold	red_thresh
—	cwSctCosbRedProbabilityFactor	red_prob_factor
—	cwSctCosbWfq	red_wfq
—	cwSctCosbBestEffortIndicator	best_effort_ind
—	cwSctCosbDiscardAlarmEnable	disc_alarm_enable
—	cwSctCosbDiscardAlarmThresh	disc_alarm_thresh

SM_CON_1_<Logical_Slot#>.CF to the Conn File

This file contains configuration information about the MIBS from the *CISCO-WAN-ATM-CONN-MIB.my* file in the */usr/users/svplus/mibs/mibdir*.

Table D-4 SM_CON_1_<Logical_Slot#>.CF to the Conn File

MIB Group	MIB varBind in File	DB Schema Mapping
cwAtmChanCnfgTable	—	atm_connection table
ifIndex	—	if_index
cwaChanVpi	—	l_vpi

Table D-4 SM_CON_1_<Logical_Slot#>.CF to the Conn File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
cwaChanVci	—	l_vci
—	cwaChanServiceCategory	par_subtype
—	cwaChanVpcFlag	vp_flag
—	cwaChanIdentifier	lcn
—	cwaChanUploadCounter	upd_counter
—	cwaChanStatsEnable	stats
—	cwaChanCCEnable	cc
—	cwaChanLocalVpi	routing_l_vpi
—	cwaChanLocalVci	routing_l_vci
—	cwaChanLocalNSAPAddr	l_nsap_addr
—	cwaChanRemoteVpi	r_vpi
—	cwaChanRemoteVci	r_vci
—	cwaChanRemoteNSAPAddr	r_nsap_addr
—	cwaChanControllerId	ctrl_id
—	cwaChanRoutingMastership	master_flag
—	cwaChanMaxCost	max_cost
—	cwaChanFrameDiscard	frame_dis
—	cwaChanOperStatus	oper_status
—	cwaChanPCR	u_pcr01
—	cwaChanMCR	mir
—	cwaChanSCR	cir
—	cwaChanCDV	ccdvd
—	cwaChanCTD	cctd
—	cwaChanMBS	cbs
—	cwaChanCDVT	u_ccdv01
—	cwaChanPercentUtil	lper_util
—	cwaChanRemotePCR	r_pcr
—	cwaChanRemoteMCR	r_mcr
—	cwaChanRemotePercentUtil	rper_util
—	cwaChanAbrICR	icr
—	cwaChanAbrADTF	fst_qir_to
—	cwaChanAbrRDF	fst_rate_dn
—	cwaChanAbrRIF	fst_rate_up
—	cwaChanAbrNRM	nrm
—	cwaChanAbrTRM	fst_max_adj
—	cwaChanAbrCDF	cdf

Table D-4 SM_CON_1_<Logical_Slot#>.CF to the Conn File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwaChanAbrFRTT	frtt
—	cwaChanAbrTBE	tbe
—	cwaChanAbrERS	ers
—	cwaChanAbrVSVDEnable	vsvd

SM_CARD_1_<Logical_Slot#>.CF to the AXSM Cards

This file contains information contained in the AXSM card generic file.

Table D-5 SM_CARD_1_<Logical_slot#>.CF to the AXSM Card

MIB Group	MIB varBind in File	DB Schema Mapping
ifXTable	—	ausm_port table
ifIndex	—	if_index
—	ifName	l_slot bay line l_port
—	ifHighSpeed	high_speed
ifTable	—	ausm_port table
ifIndex	—	if_index
—	ifDescr	
—	ifType	interface_type
—	ifSpeed	port_speed
—	ifAdminStatus	ausm_port table: admin_status line table: enable atm_phy table: enable
—	ifOperStatus	line table sonet line: alarm_state ausm_port table: status atm_phy table: alarm_state
caviTable	—	ausm_port table
caviIndex	—	—
—	caviPhyIfIndex	—
—	caviViIfIndex	if_index
—	caviMinRate	min_rate

Table D-5 SM_CARD_1_<Logical_slot#>.CF to the AXSM Card (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	caviMaxRate	max_rate
—	caviFileId	sct_id
—	caviIfType	port_type
—	caviVpiNum	vpi_num
cwmConfigTable	—	card table
cwmIndex	—	—
—	cwmIngressSCTFileId	sct_id
dsx3ConfigTable	—	line table
dsx3LineIndex	—	—
—	dsx3IfIndex	if_index
—	dsx3LineCoding	coding
—	dsx3SendCode	
—	dsx3LoopbackConfig	loopback
—	dsx3LineStatus	alarm_state (DS3 line only)
—	dsx3TransmitClockSource	clock_src
—	dsx3LineLength	length
cds3ConfigTable	—	line table
ifIndex	—	if_index
—	cds3LineType	subtype
—	cds3LineAIScBitsCheck	aisc_check
—	cds3LineRcvFEACValidation	
—	cds3LineOOFCriteria	oof_criteria
cds3AlarmConfigTable	—	line table
ifIndex	—	if_index
—	cds3StatisticalAlarmSeverity	stat_severity
—	cds3LineStatisticalAlarmState	stat_alarm_state
cds3AlarmPlcpTable	—	plcp table
ifIndex	—	—
—	cds3PlcpLineAlarmState	alarm_state
—	cds3PlcpLineStatisticalAlarmState	stat_alarm_state
cds3AlarmConfigPlcpTable	—	plcp table
ifIndex	—	—
—	cds3PlcpStatisticalAlarmSeverity	stat_severity
csConfigTable	—	line table
ifIndex	—	if_index
—	csConfigLoopbackType	loopback

Table D-5 SM_CARD_1_<Logical_slot#>.CF to the AXSM Card (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	csConfigXmtClockSource	clock_src
—	csConfigFrameScramble	frame_scramble
—	csConfigType	subtype
sonetMediumTable	—	line table
ifIndex	—	if_index
—	sonetMediumType	line_type
—	sonetMediumLineCoding	coding
—	sonetMediumLineType	
sonetSectionCurrentTable	—	line table
ifIndex	—	if_index
—	sonetSectionCurrentStatus	section_state
sonetLineCurrentTable	—	line table
ifIndex	—	if_index
—	sonetLineCurrentStatus	line_state
sonetPathCurrentTable	—	line table
ifIndex	—	if_index
—	sonetPathCurrentStatus	path_state
cwsSectionAlarmTable	—	line table
ifIndex	—	if_index
—	cwsSectionStatisticalAlarmSeverity	section_stat_sev
—	cwsSectionStatAlarmStatus	section_stat_state
cwsPathAlarmTable	—	line table
ifIndex	—	if_index
—	cwsPathStatisticalAlarmSeverity	path_stat_sev
—	cwsPathStatAlarmStatus	path_stat_state
cwsLineAlarmTable	—	line table
ifIndex	—	if_index
—	cwsLineStatisticalAlarmSeverity	line_stat_sev
—	cwsLineStatAlarmStatus	line_stat_state
csApsConfigTable	—	aps table
csApsWorkingIndex	—	work_index
—	csApsProtectionIndex	prot_index
—	csApsEnable	enable
—	csApsArchMode	arch_mode
—	csApsActiveLine	active_line
—	csApsSigFaultBER	sig_fault_ber

Table D-5 SM_CARD_1_<Logical_slot#>.CF to the AXSM Card (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	csApsSigDegradeBER	sig_degrade_ber
—	csApsWaitToRestore	wait_to_restore
—	csApsDirection	direction
—	csApsRevertive	revertive
cwRsrcPartConfTable	—	rsc_part table
ifIndex	—	if_index
cwRsrcPartID	—	part_id
—	cwRsrcPartController	ctrlr_id
—	cwRsrcPartEgrGuarPctBwConf	egr_guar_bw
—	cwRsrcPartEgrMaxPctBwConf	egr_max_bw
—	cwRsrcPartIngGuarPctBwConf	ing_guar_bw
—	cwRsrcPartIngMaxPctBwConf	ing_max_bw
—	cwRsrcPartVpiLo	vpi_low
—	cwRsrcPartVpiHigh	vpi_high
—	cwRsrcPartVciLo	vci_low
—	cwRsrcPartVciHigh	vci_high
—	cwRsrcPartGuarCon	part_guar_con
—	cwRsrcPartMaxCon	part_max_con
cwRsrcPartIlmiTable	—	rsc_part table
ifIndex	—	if_index
cwRsrcPartID	—	part_id
—	cwRsrcPartIlmiEnabled	ilmi_enabled
—	cwRsrcPartSignallingVpi	signal_vpi
—	cwRsrcPartSignallingVci	signal_vci
—	cwRsrcPartIlmiTrapEnable	ilmi_trap_enable
—	cwRsrcPartIlmiEstablishConPollIntvl	ilmi_e_poll_intvl
—	cwRsrcPartIlmiCheckConPollIntv	ilmi_ck_poll_intvl
—	cwRsrcPartIlmiConPollInactFactor	ilmi_poll_intvl_fr
caclConfigTable	—	atm_phy table
ifIndex	—	if_index
—	caclNullCellHeader	null_cell_header
—	caclNullCellPayload	null_cell_payload
—	caclHecCosetEnable	hec_coset
—	caclPayloadScramblingEnable	payload_scramble

SM_RPM <Shelf #>.CF: RPM Card File

This file contains generic RPM card information.

Table D-6 SM_RPM <Shelf #>.CF: RPM Card File

MIB Group	MIB varBind in File	DB Schema Mapping
ifXTable	—	virtual_port table
ifIndex	—	—
—	ifName	slot port
ifTable	—	virtual_port table
ifIndex	—	if_index
—	ifDescr	—
—	ifType	if_type
cwRpmSubIfTable	—	rpm_port table
cwrSubIfSlotNum	—	l_slot
cwrSubIfNum	—	l_port
—	cwrSubIfAdapterIf	adapter_if
—	cwrSubIfType	subif_type
—	cwrSubIfIpAddress	ip_address
—	cwrSubIfSubnetMask	subnet_mask
cwRsrcPartConfTable	—	rsc_part table
ifIndex	—	—
cwRsrcPartID	—	part_id
—	cwRsrcPartController	ctrlr_id
—	cwRsrcPartEgrGuarPctBwConf	egr_guar_bw
—	cwRsrcPartEgrMaxPctBwConf	egr_max_bw
—	cwRsrcPartIngGuarPctBwConf	ing_guar_bw
—	cwRsrcPartIngMaxPctBwConf	ing_max_bw
—	cwRsrcPartVpiLo	vpi_low
—	cwRsrcPartVpiHigh	vpi_high
—	cwRsrcPartVciLo	vci_low
—	cwRsrcPartVciHigh	vci_high
—	cwRsrcPartGuarCon	part_guar_con
—	cwRsrcPartMaxCon	part_max_con
cwAtmChanCnfgTable	—	rpm_connection table
ifIndex	—	if_index
cwaChanVpi	—	l_vpi
cwaChanVci	—	l_vci

Table D-6 SM_RPM <Shelf #>.CF: RPM Card File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwaChanServiceCategory	sub_type
—	cwaChanVpcFlag	vp_flag
—	cwaChanIdentifier	lcn
—	cwaChanUploadCounter	upd_counter
—	cwaChanLocalVpi	r_vpi if cwaChanRoutingMastership is false
—	cwaChanLocalVci	r_vci if cwaChanRoutingMastership is false)
—	cwaChanLocalNSAPAddr	l_nsap_addr
—	cwaChanRemoteVpi	r_vpi if cwaChanRoutingMastership is true)
—	cwaChanRemoteVci	r_vci if cwaChanRoutingMastership is true)
—	cwaChanRemoteNSAPAddr	r_nsap_addr
—	cwaChanControllerId	ctrl_id
—	cwaChanRoutingMastership	master_flag
—	cwaChanMaxCost	max_cost
—	cwaChanOperStatus	oper_status
—	cwaChanPCR	pcr
—	cwaChanMCR	mcr
—	cwaChanSCR	scr
—	cwaChanCDV	cdv
—	cwaChanCTD	ctd
—	cwaChanMBS	mbs
—	cwaChanCDVT	cdvt
—	cwaChanPercentUtil	lper_util
—	cwaChanRemotePCR	r_pcr
—	cwaChanRemoteMCR	r_mcr
—	cwaChanRemotePercentUtil	rper_util
—	cwaChanAbrICR	icr
—	cwaChanAbrADTF	adtf
—	cwaChanAbrRDF	rate_down
—	cwaChanAbrRIF	rate_up
—	cwaChanAbrNRM	nrm

Table D-6 SM_RPM <Shelf #>.CF: RPM Card File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwaChanAbrTRM	trm
—	cwaChanAbrCDF	cdf
—	cwaChanAbrFRTT	frrt
—	cwaChanAbrTBE	tbe
—	cwaChanAisIWCcapability	ais_iw_cap
—	cwaChanCLR	clr
cwRpmChanExtTable	—	rpm_connection table
ifIndex	—	if_index
cwaChanVpi	—	l_vpi
cwaChanVci	—	l_vci
—	cwrChanSubInterface	l_port
—	cwrChanVcd	vcd
—	cwrChanAalEncapType	aal_encap
—	cwrChanVirtualTemplate	virtual_template
—	cwrChanInArpInterval	inverse_arp
—	cwrChanOamLoopbkTxInterval	oam
—	cwrChanOamManage	oam_mgr
—	cwrChanOamRetryUpCount	oam_up_count
—	cwrChanOamRetryDownCount	oam_dn_count
—	cwrChanOamRetryInterval	oam_retry_intvl
cwAtmChanStateTable	—	rpm_connection table
ifIndex	—	if_index
cwaChanVpi	—	l_vpi
cwaChanVci	—	l_vci
—	cwaChanAlarmState	status

CARD_<Shelf#>_CC.CF: PXM1E Shelf Generic File

This file contains generic PXM1E shelf information.

Table D-7 CARD_<Shelf#>_CC.CF:PXM1E Shelf Generic File

MIB Group	MIB varBind in File	DB Schema Mapping
entPhysicalTable	—	card table shelf table peripheral table
entPhysicalIndex	—	ent_phy_idx bc_ent_phy_idx sec_bc_ent_phy_idx
—	entPhysicalDescr	fc_descr bc_descr sec_bc_descr
—	entPhysicalVendorType	fc_type bc_type sec_bc_type
—	entPhysicalContainedIn	shelf
—	entPhysicalClass	—
—	entPhysicalParentRelPos	slot
—	entPhysicalName	—
—	entPhysicalHardwareRev	fc_hw_rev bc_hw_rev sec_bc_hw_rev
—	entPhysicalFirmwareRev	fc_fw_rev bc_fw_rev sec_bc_fw_rev
—	entPhysicalSoftwareRev	fc_fw_rev bc_fw_rev sec_bc_fw_rev
—	entPhysicalSerialNum	fc_serial_num bc_serial_num sec_bc_serial_num
—	entPhysicalMfgName	—
cefcModuleTable	—	card table
entPhysicalIndex	—	—
—	cefcModuleAdminStatus	fc_admin_status

Table D-7 CARD_<Shelf#>_CC.CF:PXM1E Shelf Generic File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cefcModuleOperStatus	fc_state
—	cefcModuleResetReason	fc_reset_reason
smRedMapTable	—	redundantCard table
redPrimarySlotNum	—	pri_slot
—	redPrimaryState	pri_status
—	redSecondarySlotNum	sec_slot
—	redSecondaryState	sec_status
—	redType	red_type
—	redCoveringSlot	covered_slot
—	—	—
cvcConfTable	—	controller table
cvcConfControllerID	—	ctrlr_id
—	cvcConfControllerType	ctrlr_type
—	cvcConfControllerShelfLocation	ctrlr_loc
—	cvcConfControllerLocation	—
—	cvcConfControllerName	ctrlr_name
—	cvcConfVpi	attached_vpi
—	cvcConfVci	attached_vci

SM_CARD_<Shelf#>_<Logical_slot#>.CF: PXM1E Card Generic File

This file contains generic PXM1E card information.

Table D-8 SM_CARD_<Shelf#>_<Logical_slot#>.CF:PXM1E Card Generic File

MIB Group	MIB varBind in File	DB Schema Mapping
ifXTable	—	line ausm_port ima_group table
ifIndex	—	if_index
—	ifName	l_slot bay line l_port
—	ifHighSpeed	high_speed

Table D-8 SM_CARD_<Shelf#>_<Logical_slot#>.CF:PXM1E Card Generic File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
ifTable	—	line ausm_port ima_group table
ifIndex	—	if_index
—	ifDescr	—
—	ifType	interface_type
—	ifSpeed	port_speed
—	ifAdminStatus	ausm_port table: admin_status line table: enable atm_phy table: enable
—	ifOperStatus	line table: alarm_state sonet line: alarm_state ausm_port table: status atm_phy table: alarm_state
caviTable	—	ausm_port table
caviIndex	—	—
—	caviPhyIfIndex	—
—	caviViIfIndex	if_index
—	caviMinRate	min_rate
—	caviMaxRate	max_rate
—	caviFileId	sct_id
—	caviIfType	port_type
—	caviVpiNum	vpi_num
cwmConfigTable	—	card table
cwmIndex	—	—
—	cwmIngressSCTFileId	sct_id
dsx3ConfigTable	—	line table
dsx3LineIndex	—	—
—	dsx3IfIndex	if_index
—	dsx3LineCoding	coding
—	dsx3SendCode	—
—	dsx3LoopbackConfig	loopback
—	dsx3LineStatus	alarm_state (for DS3 line only)
—	dsx3TransmitClockSource	clock_src
—	dsx3LineLength	length
cds3ConfigTable	—	line table

Table D-8 SM_CARD_<Shelf#>_<Logical_slot#>.CF:PXM1E Card Generic File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
ifIndex	—	if_index
—	cds3LineType	subtype
—	cds3LineAIScBitsCheck	aisc_check
—	cds3LineRcvFEACValidation	—
—	cds3LineOOFCriteria	oof_criteria
cds3AlarmConfigTable	—	line table
ifIndex	—	if_index
—	cds3StatisticalAlarmSeverity	stat_severity
—	cds3LineStatisticalAlarmState	stat_alarm_state
cds3AlarmPlcpTable	—	plcp table
ifIndex	—	—
—	cds3PlcpLineAlarmState	alarm_state
—	cds3PlcpLineStatisticalAlarmState	stat_alarm_state
cds3AlarmConfigPlcp Table	—	plcp table
ifIndex	—	—
—	cds3PlcpStatisticalAlarmSeverity	stat_severity
csConfigTable	—	line table
ifIndex	—	if_index
—	csConfigLoopbackType	loopback
—	csConfigXmtClockSource	clock_src
—	csConfigFrameScramble	frame_scramble
—	csConfigType	subtype
sonetMediumTable	—	line table
ifIndex	—	if_index
—	sonetMediumType	line_type
—	sonetMediumLineCoding	coding
—	sonetMediumLineType	subtype
sonetSectionCurrent Table	—	line table
ifIndex	—	if_index
—	sonetSectionCurrentStatus	section_state
sonetLineCurrentTable	—	line table
ifIndex	—	if_index
—	sonetLineCurrentStatus	line_state
sonetPathCurrentTable	—	line table
ifIndex	—	if_index

Table D-8 SM_CARD_<Shelf#>_<Logical_slot#>.CF:PXM1E Card Generic File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	sonetPathCurrentStatus	path_state
cwsSectionAlarmTable	—	line table
ifIndex	—	if_index
—	cwsSectionStatisticalAlarmSeverity	section_stat_sev
—	cwsSectionStatAlarmStatus	section_stat_state
cwsPathAlarmTable	—	line table
ifIndex	—	if_index
—	cwsPathStatisticalAlarmSeverity	path_stat_sev
—	cwsPathStatAlarmStatus	path_stat_state
cwsLineAlarmTable	—	line table
ifIndex	—	if_index
—	cwsLineStatisticalAlarmSeverity	line_stat_sev
—	cwsLineStatAlarmStatus	line_stat_state
csApsConfigTable	—	aps table
csApsWorkingIndex	—	work_index
—	csApsProtectionIndex	prot_index
—	csApsEnable	enable
—	csApsArchMode	arch_mode
—	csApsActiveLine	active_line
—	csApsSigFaultBER	sig_fault_ber
—	csApsSigDegradeBER	sig_degrade_ber
—	csApsWaitToRestore	wait_to_restore
—	csApsDirection	direction
—	csApsRevertive	revertive
—	csApsFailureStatus	failure_status
—	csApsSwitchReason	switch_reason
—	csApsPrimarySection	primary_section
cwRsrcPartConfTable	—	rsc_part table
ifIndex	—	if_index
cwRsrcPartID	—	part_id
—	cwRsrcPartController	ctrlr_id
—	cwRsrcPartEgrGuarPctBwConf	egr_guar_bw
—	cwRsrcPartEgrMaxPctBwConf	egr_max_bw
—	cwRsrcPartIngGuarPctBwConf	ing_guar_bw
—	cwRsrcPartIngMaxPctBwConf	ing_max_bw
—	cwRsrcPartVpiLo	vpi_low

Table D-8 SM_CARD_<Shelf#>_<Logical_slot#>.CF:PXM1E Card Generic File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwRsrcPartVpiHigh	vpi_high
—	cwRsrcPartVciLo	vci_low
—	cwRsrcPartVciHigh	vci_high
—	cwRsrcPartGuarCon	part_guar_con
—	cwRsrcPartMaxCon	part_max_con
cwRsrcPartIlmiTable	—	rsc_part table
ifIndex	—	if_index
cwRsrcPartID	—	part_id
—	cwRsrcPartIlmiEnabled	ilmi_enabled
—	cwRsrcPartSignallingVpi	signal_vpi
—	cwRsrcPartSignallingVci	signal_vci
—	cwRsrcPartIlmiTrapEnable	ilmi_trap_enable
—	cwRsrcPartIlmiEstablishConPollIntvl	ilmi_e_poll_intvl
—	cwRsrcPartIlmiCheckConPollIntv	ilmi_ck_poll_intvl
—	cwRsrcPartIlmiConPollInactFactor	ilmi_poll_intvl_fr
caclConfigTable	—	atm_phy table
ifIndex	—	if_index
—	caclNullCellHeader	null_cell_header
—	caclNullCellPayload	null_cell_payload
—	caclHecCosetEnable	hec_coset
—	caclPayloadScramblingEnable	payload_scramble
dsx1ConfigTable	—	line
—	Index	line
—	dsx1IfIndex	if_index
—	dsx1LineType	subtype
—	dsx1LineCoding	coding
—	dsx1SendCode	send_code*
—	dsx1CircuitIdentifier	commentc
—	dsx1LoopbackConfig	loopback
—	dsx1LineStatus	alarm_state
—	dsx1TransmitClockSource	clock_src
—	dsx1Fdl	line_bitmap
—	dsx1LineLength	length
cds1AlarmConfigTable	—	line
—	Index	line
—	cds1StatisticalAlarmSeverity	stat_severity

Table D-8 SM_CARD_<Shelf#>_<Logical_slot#>.CF:PXM1E Card Generic File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cds1StatisticalAlarmState	stat_alarm_state
imaGroupTable	—	ima_group table
imaGroupNumber	—	grp_num
—	imaGroupIndex	if_index
—	imaGroupIfIndex	if_index
—	imaGroupNeState	ne_state
—	imaGroupFeState	fe_state
—	imaGroupFeState	failure_status
—	imaGroupSymmetry	symmetry
—	imaGroupMinNumTxLinks	min_tx_links
—	imaGroupMinNumRxLinks	min_rx_links
—	imaGroupMinNumRxLinks	ne_tx_clk_mode
—	imaGroupTxTimingRefLink	tx_timing_ref_link
—	imaGroupTxImaId	tx_ima_id
—	imaGroupRxImaId	rx_ima_id
—	imaGroupTxFrameLength	tx_frame_length
—	imaGroupRxFrameLength	rx_frame_length
—	imaGroupDiffDelayMax	diff_delay_max
—	imaGroupAlphaValue	alpha_val
—	imaGroupBetaValue	beta_val
—	imaGroupGammaValue	gamma_val
—	imaGroupNumTxCfgLinks	tx_cfg_links
—	imaGroupNumRxCfgLinks	rx_cfg_links
—	imaGroupTxOamLabelValue	tx_oam_val
—	imaGroupRxOamLabelValue	rx_oam_val
imaLinkTable	—	ima_link table
imaLinkIndex	—	if_index
—	imaLinkNeTxState	ne_tx_state
—	imaLinkNeRxState	ne_rx_state
—	imaLinkFeTxState	fe_tx_state
—	imaLinkFeRxState	fe_rx_state
—	imaLinkTxLid	tx_id
—	imaLinkRxLid	rx_id
—	imaLinkRelDelay	rel_delay
—	imaLinkGroupIndex	group_if_index

SM_CON_<Shelf#>_<Logical_Slot#>.CF:PXM1E Connection File

This file contains PXM1E connection information.

Table D-9 SM_CON_<Shelf#>_<Logical_slot#>.CF:PXM1E Connection File

MIB Group	MIB varBind in File	DB Schema Mapping
cwAtmChanCnfgTable	—	atm_connection table
ifIndex	—	—
cwaChanVpi	—	l_vpi
cwaChanVci	—	l_vci
—	cwaChanServiceCategory	par_subtype
—	cwaChanVpcFlag	vp_flag
—	cwaChanIdentifier	lcn
—	cwaChanUploadCounter	upd_counter
—	cwaChanStatsEnable	stats
—	cwaChanCCEnable	cc
—	cwaChanLocalVpi	routing_l_vpi
—	cwaChanLocalVci	routing_l_vci
—	cwaChanLocalNSAPAddr	l_nsap_addr
—	cwaChanRemoteVpi	r_vpi
—	cwaChanRemoteVci	r_vci
—	cwaChanRemoteNSAPAddr	r_nsap_addr
—	cwaChanControllerId	ctrlr_id
—	cwaChanRoutingMastership	master_flag
—	cwaChanMasterType	slave_type
—	cwaChanMaxCost	max_cost
—	cwaChanFrameDiscard	frame_dis
—	cwaChanOperStatus	oper_status
—	cwaChanPCR	u_pcr01
—	cwaChanMCR	mir
—	cwaChanSCR	cir
—	cwaChanCDV	ccdvd
—	cwaChanCTD	cctd
—	cwaChanMBS	cbs
—	cwaChanCDVT	u_ccdv01
—	cwaChanPercentUtil	lper_util
—	cwaChanRemotePCR	r_pcr

Table D-9 SM_CON_<Shelf#>_<Logical_slot#>.CF:PXM1E Connection File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwaChanRemoteMCR	r_mcr
—	cwaChanRemotePercentUtil	rper_util
—	cwaChanAbrICR	icr
—	cwaChanAbrADTF	fst_qir_to
—	cwaChanAbrRDF	fst_rate_dn
—	cwaChanAbrRIF	fst_rate_up
—	cwaChanAbrNRM	nrm
—	cwaChanAbrTRM	fst_max_adj
—	cwaChanAbrCDF	cdf
—	cwaChanAbrFRTT	frtt
—	cwaChanAbrTBE	tbe
—	cwaChanAbrERS	ers
—	cwaChanAbrVSVDenable	vsvd
—	cwaChanIntAbrVSVD	internal_vsvd
—	cwaChanExtAbrVSVD	external_vsvd
—	cwaChanCLR	clr
—	cwaChanRemoteCLR	remote_clr
—	cwaChanPriority	priority

SM_<Shelf#>_<LogicalSlot#>.CF: AUSM-8T1/E1

This file contains AUSM-8T1/E1 shelf information.

Table D-10 SM_<Shelf#>_<LogicalSlot#>.CF:AUSM-8T1/E1 Shelf Configuration File

MIB Group	MIB varBind in File	DB Schema Mapping
smFeatures	—	card table
—	channelizedAllowed	chan_allowed
—	rateControlAllowed	rate_ctrl_allowed
smRateControlConfig	—	card table
—	qirTimeout	qir_timeout
dsx1CnfGrpTable	—	line table
lineNum	—	line
—	lineConnectorType	connector
—	lineEnable	enable
—	lineType	subtype
—	lineCoding	coding

Table D-10 SM_<Shelf#>_<LogicalSlot#>.CF:AUSM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	lineLength	length
—	lineXmtClockSource	clock_src
—	lineLoopbackCommand	loopback
—	lineSendCode	sendcode
—	lineUsedTimeslotsBitMap	line_bitmap
dsx1AlmCnfGrpTable	—	line table
almCnfLineNum	—	line
—	redSeverity	red_severity
—	rAISeverity	rai_severity
ausmLineCnfPlcpGrpTable	—	PLCP table
plcpCnfPortNum	—	line
—	cellFraming	cell_frm
—	cellScramble	scramble
—	plppLoopBack	loopback
—	singleBitErrCorrEna	bit_err_corr
ausmLinePlcpAlmCnfGrpTable	—	PLCP table
plcpAlmCnfPortNum	—	line
—	cellDelineationSeverity	lss_severity
—	tCStatisticalAlarmSeverity	stat_severity
ausmPortCnfPortGrpTable	—	ausm_port table
ausmPortNum	—	l_port
—	portEnable	active
—	ausmPortType	port_type
—	ausmPortIfType	interface_type
—	ausmPortSpeed	port_speed
—	ausmLineNum	line
ausmPortCnfServiceQueGrpTable	—	port_ques table
servicePortNum	—	l_port
egrQIndex	—	q_index
—	egrQDepthMax	q_depth
—	egrQCLPThreshHigh	clp_hi_thresh
—	egrQCLPThreshLow	clp_lo_thresh
—	egrQEfcIThresh	efci_thresh

Table D-10 SM_<Shelf#>_<LogicalSlot#>.CF:AUSM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
ausmPortCnfSigILMI GrpTable	—	ausm_port table
sigPortNum	—	l_port
—	ausmSignallingProtocolType	protocol_type
—	signallingVpi	signalling_vpi
—	signallingVci	signalling_vci
—	iLMITrapEnable	ilmi_trap_enable
—	minTrapInterval	trap_interval
—	keepAlivePollingEnable	keep_alive
—	errorThresholdN491	err_thresh
—	eventThresholdN492	event_thresh
—	pollingIntervalT491	poll_timer
—	minEnquiryIntervalT493	min_enquiry
ausmPortCnfPortIma GrpTable	—	ausm_port table
imaPortNum	—	l_port
—	imaPortEnable	active
—	imaPortSpeed	port_speed
—	numLinksInImaGrp	Not Used
—	listOfLinksInImaGrp	line_map
—	numRedundantLinks	num_red_links
—	maxTolerableDiffDelay	max_delay
—	imaPortType	port_type
—	axisImaGroupSymmetry	ima_symmetry
—	axisImaGroupMinNumRxLinks	min_rx_links
—	axisImaGroupMinNumTxLinks	min_tx_links
—	axisImaGroupNeTxClkMode	ne_tx_clk_mode
—	axisImaGroupTestLinkIfIndex	test_link_if_index
—	axisImaGroupTestPattern	test_pattern
—	axisImaGroupTestProcStatus	test_proc_status
—	axisImaGroupIntegrationUpTime	int_up_time
—	axisImaGroupIntegrationDownTime	int_down_time
ausmInterfaceConf Table	—	ausm_port table
ausmInterfacePortNum	—	l_port
—	ausmInterfaceMyNeighborIpAddress	intf_ip_addr

Table D-10 SM_<Shelf#>_<LogicalSlot#>.CF:AUSM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
bbIfCnfRscPartGrp Table	—	rsc_part table
bbRscPartIfNum	—	port
bbRscPartCtrlrNum	—	ctrlr_type
—	bbIfRscPrtIngrPctBandwidth	ingr_pctbw
—	bbIfRscPrtEgrPctBandwidth	egr_pctbw
—	bbIfRscPrtVpiLow	vpi_low
—	bbIfRscPrtVpiHigh	vpi_high
—	bbIfRscPrtVciLow	vci_low
—	bbIfRscPrtVciHigh	vci_high
—	bbIfRscPrtMaxChans	max_chans
—	bbIfRscPartCtrlrID	ctrlr_id, part_id
ausmChanCnfGrpTable	—	atm_connection table
ausmChanNum	—	lcn
—	chanConnType	vp_flag
—	chanServiceType	sub_type
—	chanSvcFlag	con_type
—	ausmChanPortNum	l_port
—	chanVpi	l_vpi
—	chanVci	l_vci
—	ingrQDepth	vc_q_depth
—	ingrQCLPThreshHigh	clp_hi
—	ingrQCLPThreshLow	clp_lo
—	ingrQEfcIThresh	efci_q_thresh
—	ingrUpcEnable	upc_enable
—	ingrUpcPCR01	u_pcr01
—	ingrUpcCIR	cir
—	ingrUpcCCDV	u_ccdv01
—	ingrUpcCBS	cbs
—	ingrUpcIBS	ibs
—	ingrUpcSCRPolicing	u_scr_policing
—	ingrUpcCDVT0	u_ccdv0
—	ingrUpcCLPTagEnable	clp_tagging
—	ingrUpcFGCRAEnable	u_fgcr
—	foresightEnable	con_info_flag
—	ausmChanIngrPercentUtil	lper_util

Table D-10 SM_<Shelf#>_<LogicalSlot#>.CF:AUSM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	ausmChanEgrPercentUtil	rper_util
—	ausmChanEgrSrvRate	egr_srv_rate
—	ausmChanOvrSubOvrRide	chan_sub_ovr_ride
—	ausmChanLocalVpId	Not Used
—	ausmLocalNSAP	l_nsap_addr, l_slot, l_port
—	ausmRemoteVpi	r_vpi
—	ausmRemoteVci	r_vci
—	ausmRemoteNSAP	r_nsap_addr, r_slot, r_port
—	ausmMastership	master_flag
—	ausmVpcFlag	vp_flag
—	ausmConnServiceType	par_subtype
—	ausmRoutingPriority	rout_pri
—	ausmMaxCost	max_cost
—	ausmConnAdminStatus	oper_status
ausmStdABRCnfGrp Table	—	atm_connection table
ausmStdABRCnfChan Num	—	lcn
—	ausmStdABRTYPE	behaviour_type
—	ausmStdABRTBE	tbe
—	ausmStdABRFRTT	frtt
—	ausmStdABRRDF	fst_rate_dn
—	ausmStdABRRIF	fst_rate_up
—	ausmStdABRNrm	nrm
—	ausmStdABRTrm	fst_max_adj
—	ausmStdABRCDF	cdf
—	ausmStdABRADTF	fst_qir_to
—	ausmStdABRICR	qir
—	ausmStdABRMCR	mir
—	ausmStdABRPCR	pir
dsx1AlmGrpTable	—	line table
almLineNum	—	line
—	lineAlarmState	alarm_state
ausmLinePlcpAlmGrp Table	—	PLCP table
plcpAlmPortNum	—	line
—	tCAAlarmState	alarm_state

Table D-10 SM_<Shelf#>_<LogicalSlot#>.CF:AUSM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	tCStatisticalAlarmState	stat_alarm_state
ausmPortStateGrpTable	—	ausm_port table
ausmStatePortNum	—	l_port
—	ausmPortState	status
ausmPortStateImaGrp Table	—	ausm_port table
imaPortNum	—	l_port
—	imaPortState	status
—	numLinksPresentInImaGroup	Not Used
—	listLinksPresentInImaGroup	line_order
—	remoteImaId	rmt_ima_id
—	locImaId	lcl_ima_id
—	imaArbitrationWinner	ima_master
—	imaObsDiffDelay	obs_delay

SM_<Shelf#>_<LogicalSlot#>.CF:CESM-8T1/E1

This file contains CESM-8T1/E1 shelf information.

Table D-11 SM_<Shelf#>_<LogicalSlot#>.CF:CESM-8T1/E1 Shelf Configuration File

MIB Group	MIB varBind in File	DB Schema Mapping
smFeatures	—	card table
—	channelizedAllowed	chan_allowed
—	rateControlAllowed	rate_ctrl_allowed
dsx1CnfGrpTable	dsx1CnfGrpEntry	line table
lineNum	—	line
—	lineConnectorType	connector
—	lineEnable	enable
—	lineType	line_type
—	lineCoding	coding
—	lineLength	length
—	lineXmtClockSource	clock_src
—	lineLoopbackCommand	loopback
—	lineSendCode	sendcode
—	lineUsedTimeslotsBitMap	line_bitmap
dsx1AlmCnfGrpTable	dsx1AlmCnfGrpEntry	line table

Table D-11 SM_<Shelf#>_<LogicalSlot#>.CF:CESM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
almCnfLineNum	—	line
—	redSeverity	red_severity
—	rAISeverity	rai_severity
—	statisticalAlarmSeverity	stat_severity
cesmPortCnfGrpTable	cesmPortCnfGrpEntry	frp table
cesPortNum	—	l_port
—	cesPortLineNum	line
—	cesPortType	port_type
—	cesPortDs0ConfigBitMap	port_bitmap
—	cesPortNumOfDs0Slot	port_speed
—	cesPortSpeed	port_speed
—	cesPortState	active
cesmPortCnfResPartGrpTable	CesmPortCnfResPartGrpEntry	rsc_part table
cesmResPartPortNum	—	port
cesmResPartCtrlrNum	—	ctrlr_type
—	cesmResPartNumOfLcnAvail	max_chans
—	cesmResPartLcnLow	vci_low
—	cesmResPartLcnHigh	vci_high
—	cesmResPartIngrPctBW	ingr_pctbw
—	cesmResPartEgrPctBW	egr_pctbw
—	cesmResPartCtrlrID	ctrlr_id, part_id
cesmChanCnfGrpTable	cesmChanCnfGrpEntry	cesm_connection table
cesCnfChanNum	—	lcn
—	cesMapPortNum	l_line
—	cesMapVpi	l_vpi
—	cesMapVci	l_vci
—	cesCBRClockMode	cbr_clock_mode
—	cesCas	cas
—	cesPartialFill	partial_fill
—	cesBufMaxSize	max_buf_size
—	cesCDVRxT	cdv_rx_t
—	cesCellLossIntegrationPeriod	cell_loss_period
—	cesChanPortNum	l_port
—	cesChanConnType	con_type
—	cesChanIdleDetEnable	idle_detection

Table D-11 SM_<Shelf#>_<LogicalSlot#>.CF:CESM-8T1/E1 Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cesChanIdleSignalCode	idle_signalcode
—	cesChanIdleCodeIntgnPeriod	idle_codeIntgPer
—	cesChanOnhookCode	onhook_code
—	cesChanConditionedData	condition_data
—	cesmChanExtTrgIdleSupp	idle_suppression
—	cesLocalNSAP	l_nsap_addr
—	cesRemoteVpi	r_vpi
—	cesRemoteVci	r_vci
—	cesRemoteNSAP	r_nsap_addr
—	cesMastership	master_flag
—	cesConnServiceType	par_subtype
—	cesRoutingPriority	par_rout_pri
—	cesMaxCost	par_max_cost
—	cesmConnAdminStatus	status
dsx1AlmGrpTable	dsx1AlmGrpEntry	LINE TABLE
almLineNum	—	line
—	lineAlarmState	alarm_state
—	lineStatisticalAlarmState	stat_alarm_stat

SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Configuration

This file contains FRSM shelf information.

Table D-12 SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Shelf Configuration File

MIB Group	MIB varBind in File	DB Schema Mapping
smFeatures	smFeatures.0	Card table
Note : This entry is for FRSM-8T1/E1 only.	channelizedAllowed.0	chan_allowed
Note : This entry is for all flavours of FRSM.	rateControlAllowed.0	rate_ctrl_allowed
Note: This entry is for VHS only	egrQosFeature.0	egr_qos_feature
smRateControlConfig	smRateControlConfig.0	Card table
—	qirTimeout.0	qir_timeout
cwDsx3ConfigTable x is dsx3LineNum	cwDsx3ConfigEntry	Line table
—	cwDsx3LineType.x	line_type

Table D-12 SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	cwDsx3LineCoding.x	coding
—	cwDsx3LineLength.x	length
—	dsx3LineOOFCriteria.x	oof_criteria
—	dsx3LineAIScBitsCheck.x	aisc_check
—	dsx3LineLoopbackCommand.x	loopback
—	dsx3LineEnable.x	enable
—	dsx3SubRateEnable.x	subrate_enable
—	dsx3DsuSelect.x	dsu_select
—	dsx3LineRate.x	Rate
—	dsx3LineScrambleEnable.x	frame_scramble
dsx3AlarmConfigTable x is dsx3LineNum	dsx3AlarmConfigEntry	Line table
—	dsx3RedSeverity.x	red_severity
—	dsx3RAISeverity.x	rai_severity
—	dsx3StatisticalAlarmSeverity.x	stat_severity
dsx1CnfGrpTable x is lineNum	dsx1CnfGrpEntry	Line table
—	lineConnectorType.x	connector
—	lineEnable.x	enable
—	lineType.x	line_type
—	lineCoding.x	coding
—	lineLength.x	length
—	lineXmtClockSource.x	clock_src
—	lineLoopbackCommand.x	loopback
—	lineSendCode	sendcode
Note: This object is for FRSM-T1/E1 only	lineUsedTimeslotsBitmap.x	line_bitmap
dsx1AlmCnfGrpTable x is almCnfLineNum	dsx1AlmCnfGrpEntry	Line table
Note : This table is for FRSM-T1/E1 only.	redSeverity.x	red_severity
—	raiSeverity.x	rai_severity
frPortCnfPortGrpTable x is portNum	frPortCnfPortGrpEntry	FRP Table
—	portNum	logical_port
—	portLineNum.x	line
—	portDs0ConfigBitMap.x	timeslot_num, l_port

Table D-12 SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	portDs0Speed.x	timeslot_speed
—	portFlagsBetweenFrames.x	port_flag
—	portEqueueServiceRatio.x	port_equ
—	portSpeed.x	port_speed
—	portAdmin.x	Not Mapped
—	portType.x	port_type
—	portM32EgrQueueThresh.x	port_eqth
frPortCnfSigLMIGrpTable x is lmiCnfPortNum	frPortCnfSigLMIGrpEntry	FRP Table
—	signallingProtocolType.x	protocol_type
—	asynchronousUpdates.x	asyn_upd
—	t391LinkIntegrityTimer.x	link_timer
—	t392PollingVerificationTimer.x	poll_timer
—	n391FullStatusPollingCounter.x	poll_counter
—	n392ErrorThreshold.x	err_thresh
—	n393MonitoredEventCount.x	event_count
—	enhancedLmi	elmi
frPortCnfSigCLLMGrpTable x is cllmCnfPortNum	frPortCnfSigCLLMGrpEntry	FRP Table
—	cllmEnable.x	cllm_ena
—	xmtCLLMStatusTimer.x	xmt_timer
—	rcvCLLMStatusTimer.x	rcv_timer
frPortServiceQueGrpTable x is frServPortNum y is portServiceQueueNo	frPortServiceQueGrpEntry	Port_Ques Table
—	portEgresQDepth.x.y	q_depth
—	portEgresECNThresh.x.y	ecn_thresh
—	portEgresDEThresh.x.y	de_thresh
frPortCnfResPartGrpTable x = 1 - 256, x is frResPartPortNum y = 1 - 3, y is frResPartCtrlrNum	frPortCnfResPartGrpEntry	RSC_PART Table
	frResPartPortNum	port
	frResPartCtrlrNum	ctrlr_type

Table D-12 SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
Note : This table is for FRSM-VHS only.	frResPartNumOfLcnAvail.x.y	max_chans
—	frResPartDlciLow.x.y	vpi_low
—	frResPartDlciHigh.x.y	vpi_high
—	frResPartIngrPctBW.x.y	ingr_pctbw
—	frResPartEgrPctBW.x.y	egr_pctbw
—	frResPartCtrlrID.x.y	ctrlr_id, part_id
frChanCnfGrpTable x is chanNum	frChanCnfGrpEntry	Connection Table
—	chanNum	lcn
—	chanPortNum.x	l_channel
—	dLCI.x	l_dlci
—	egressQSelect.x	eg_q_select
—	ingressQDepth.x	vc_q_depth
—	ingressQDEThresh.x	vc_de_thresh
—	ingressQECNThresh.x	vc_q_thresh
—	egressQDepth.x	eg_q_depth
—	egressQDEThresh.x	eg_q_de_thresh
—	egressQECNThresh.x	eg_q_ecn_thresh
—	deTaggingEnable.x	de_tag_ena
—	cir.x	cir
—	bc.x	bc
—	be.x	be
—	ibs.x	ibs
—	chanType.x	channel_type
—	chanFECNconfig.x	fecn
—	chanDEtoCLPmap.x	de_to_clp_map
—	chanCLPtoDEmap.x	clp_to_de_map
—	chanIngrPercentUtil.x	lper_util
—	chanEgrPercentUtil.x	rper_util
—	chanEgrSrvRate.x	egr_srv_rate
—	chanOvrSubOvrRide.x	con_info_flag
—	frLocalVpi.x	l_vpi
—	frLocalVci.x	l_vci
—	frLocalNSAP.x	l_nsap_addr (l_slot, l_channel for slave end)
—	frRemoteVpi.x	r_vpi

Table D-12 SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	frRemoteVci.x	r_vci
—	frRemoteNSAP.x	r_nsap_addr (r_slot, r_channel (for master end)
—	frMastership.x	master_flag
—	frConnServiceType.x	par_subtype
—	frRoutingPriority.x	par_rout_pri
New range is: 1 - 2G	frMaxCost.x	par_max_cost
enum added to VHS only	chanServType.x	qbin_num
—	chanServiceRateOverride.x	con_info_flag
—	chanServiceRate.x	service_rate
—	zeroCirConEir.x	eir ¹
—	frConnAdminStatus.x	status
frstdABRCnfGrpTable x is frstdABRcnfChanNum	frstdABRCnfGrpEntry	Connection Table
—	frstdABRcnfChanNum.x	lcn
—	frstdABRTBE.x	tbe
—	frstdABRFRTT.x	frrt
—	frstdABRRDF.x	rdf
—	frstdABRRIF.x	rif
—	frstdABRNrm.x	nrm
—	frstdABRTrm.x	trm
—	frstdABRCDF.x	cdf
—	frstdABRADTF.x	adtf
—	frstdABRICR.x	qir
—	frstdABRMCR.x	mir
—	frstdABRPCR.x	pir
x21CnfGrpTable x is x21LineNum	x21CnfGrpEntry	Line table
Note : This table is for FRSM-HS2B-HSSI/HS 2B-12In1 only.	x21LineEnable.x	enable
—	x21LineType.x	subtype
—	x21LineRate.x	rate
—	x21LineLoopbackCommand.x	loopback
—	x21LineSendCode.x	coding

Table D-12 SM_<Shelf#>_<LogicalSlot#>.CF:FRSM Shelf Configuration File (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	x21LineLoopbackCodeDetection.x	lpbk_code
—	x21LineInterfaceType.x (not in MIB)	ln_intf_type
—	x21ClkFrequencyThreshold.x (not in MIB)	clk_freq_threshold
—	serialLineRate.x	serl_ln_rate
—	serialLineRateVariation.x	serl_ln_rate_var
x21AlmCnfGrpTable x is x21AlmCnfLineNum	x21AlmCnfGrpEntry	Line table
Note : This table is for FRSM-HS2B-HSSI/HS 2B-12In1 only.	x21Severity.x	red_severity
dsx3AlarmTable x = 1 - 2, x is dsx3LineNum	dsx3AlarmEntry	Line table
Note : This table is for FRSM-2T3/2E3 only.	dsx3LineAlarmState.x	alarm_state
—	dsx3LineStatisticalAlarmState.x	stat_alarm_state
dsx1AlmGrpTable x is almLineNum	dsxAlmGrpEntry	Line table
Note : This table is for FRSM-T1/E1 only.	lineAlarmState.x	alarm_state
x21AlmGrpTable x is x21AlmLineNum	x21AlmGrpEntry	Line table
Note : This table is for FRSM-HS2B-HSSI/HS 2B-12In1 only.	x21LineAlarmState.x	alarm_state
—	lineStatisticalAlarmState.x	stat_alarm_state
frPortStateGrpTable x is statePortNum	frPortStateGrpEntry	FRP Table
—	portState.x	status
—	portSignallingState.x	signal_state

1.If zeroCirConEir is non-zero, it is mapped to eir. Otherwise, eir is set to port_speed of FRP table.

SM_CARD_<Shelf#>_<LogicalSlot#>.CF:HSFR Card Bulk

This file contains high speed Frame Relay (HSFR) card information.

Table D-13 SM_CARD_<Shelf#>_<LogicalSlot#>.CF:HSFR Card Bulk

MIB Group	MIB varBind in File	DB Schema Mapping
ifXTable	—	frp table
—	ifIndex	ifIndex
—	ifName	l_slot, l_port, bay, port_type, line
—	ifHighSpeed	port_speed
ifTable	—	frp table
—	ifIndex	ifIndex
—	ifDescr	commentc
—	ifType	port_type
—	ifSpeed	port_speed
—	ifAdminStatus	status
—	ifOperStatus	active
dsx3ConfigTable	—	line table
—	dsx3LineIndex	if_index
—	dsx3IfIndex	if_index
—	dsx3LineCoding	coding
—	dsx3SendCode	send_code
—	dsx3LoopbackConfig	loopback
—	dsx3LineStatus	line_state
—	dsx3TransmitClockSource	clock_src
—	dsx3LineLength	length
cds3ConfigTable	—	line table
—	ifIndex	if_index
—	cds3LineType	subType
—	cds3LineAIScBitsCheck	aisc_check
—	cds3LineRcvFEACValidation	rcv_feac_validation
—	cds3LineOOFCriteria	oof_criteria
cds3AlarmConfigTable	—	line table
—	ifIndex	if_index
—	cds3StatisticalAlarmSeverity	stat_severity
—	cds3LineStatisticalAlarmState	stat_alarm_state
frPortCnfPortGrpTabel	—	frp table
—	portNum	ifIndex

Table D-13 SM_CARD_<Shelf#>_<LogicalSlot#>.CF:HSFR Card Bulk (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	portLineNum	line
—	portFlagsBetweenFrames	port_flag
—	portSpeed	port_speed
—	portAdmin	status
—	portType	port_type
—	portOverSubEnable	over_sub_enable
—	portHeaderLen	header_len
—	portFrameChkSumType	frame_chksum_type
—	portFileId	sct_id
frPortStateGrpTable	—	frp table
—	statePortNum (ifIndex)	ifIndex
—	portState	oper_status
—	portSignallingState	signal_state
—	portOversubscribed	oversubscribed
—	portIngrPercentUtil	ingr_per_util
—	portEgrPercentUtil	egr_per_util
frPortCnfSigLMIGrp Table	—	frp table
—	lmiCnfPortNum (ifIndex)	ifIndex
—	signallingProtocolType	protocol_type
—	asynchronousUpdates	async_upd
—	t391LinkIntegrityTimer	link_timer
—	t392PollingVerificationTimer	poll_timer
—	n391FullStatusPollingCounter	poll_counter
—	n392ErrorThreshold	err_thresh
—	n393MonitoredEventCount	event_count
—	enhancedLmi	elmi
—	portFRF1Dot2Support	frf1dot2_enable
frPortCnfSigCLLM GrpTable	—	frp table
—	cllmCnfPortNum (ifIndex)	ifIndex
—	cllmEnable	cllm_ena
—	xmtCLLMStatusTimer	xmt_timer
—	rcvCLLMStatusTimer	rcv_timer
frPortCnfResPartGrp Table	—	rsc_part table
—	frResPartPortNum (ifIndex)	port

Table D-13 SM_CARD_<Shelf#>_<LogicalSlot#>.CF:HSFR Card Bulk (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	frResPartCtrlrNum	ctrlr_type, part_id
—	frResPartCtrlrId	ctrlr_id
—	frResPartNumOfLcnAvail	max_chans
—	frResPartDlciLow	vpi_low
—	frResPartDlciHigh	vpi_high
—	frResPartIngrPctBW	egr_guar_bw
—	frResPartEgrPctBW	ing_guar_bw

SM_CON_<Shelf>_<LogicalSlot#>.CF:HSFR Connection

This file contains HSFR connection information.

Table D-14 SM_CON_<Shelf>_<LogicalSlot#>.CF:HSFR Connection

MIB Group	MIB varBind in File	DB Schema Mapping
frChanCnfGrpTable	—	connection table
—	chanNum	lcn
—	frConnAdminStatus	status
—	chanPortNum	l_channel
—	dLCI	l_dlci
—	egressQSelect	eg_q_select
—	deTaggingEnable	de_tag_ena
—	cir	cir
—	bc	bc
—	be	be
—	chanType	channel_type
—	chanFECNconfig	fecn
—	chanDEtoCLPmap	de_to_clp_map
—	chanCLPtoDEmap	clp_to_de_map
—	chanIngrPercentUtil	lper_util
—	chanEgrPercentUtil	rper_util
—	chanEgrSrvRate	egr_srv_rate
—	frLocalVpi	l_vpi
—	frLocalVci	l_vci
—	frLocalNSAP	r_slot, r_channel, (only for slave end)
—	frRemoteVpi	r_vpi

Table D-14 SM_CON_<Shelf>_<LogicalSlot#>.CF:HSFR Connection (continued)

MIB Group	MIB varBind in File	DB Schema Mapping
—	frRemoteVci	r_vci
—	frRemoteNSAP	r_slot, r_channel (only for master end)
—	frMastership	master_flag
—	frVpcFlag	vpc_flag
—	frConnServiceType	par_subtype
—	frRoutingPriority	par_rout_pri
—	frMaxCost	par_max_cost
—	frConnPCR	par_chan_pcr
—	frConnRemotePCR	par_chan_rpcr
—	frConnMCR	par_chan_mcr
—	frConnRemoteMCR	par_chan_rmcr
—	chanServType	qbin_num
—	frConnSCR	l_scr
—	frConnRemoteSCR	r_scr
—	frChanCnfIgnoreIncomingDE	upload_counter
—	frChanOamCCEnable	oam_cc_flag
—	frChanStatsEnable	stats_enable
—	frChanLocalLpbkEnable	local_lpbk_enable
—	frChanUpcEnable	upc_enable
—	frChanMasterType	master_type
frChanStateGrpTable	—	connection table
—	stateChanNum	lcn
—	chanState	status
—	chanStatusBitMap	alarm_status
frstdABRCnfGrpTable	—	connection table
—	frstdABRcnfChanNum	lcn
—	frstdABRTBE	tbe
—	frstdABRFRTT	frtt
—	frstdABRRDF	rdf
—	frstdABRRIF	rif
—	frstdABRNrm	nrm
—	frstdABRTrm	trm
—	frstdABRCDF	cdf
—	frstdABRADTF	adtf
—	frstdABRICR	qir