
Generic Requirements for Operations Interfaces Using OSI Tools: SONET Transport Information Model Details

Contents

Preface	Preface-1
1. Introduction.....	1-1
1.1 Purpose and Scope	1-1
1.2 Relationship With Other GRs and Standards.....	1-1
1.3 Guidelines for Referencing Information Presented in This GR.....	1-2
1.4 Requirements Terminology.....	1-4
1.5 Organization of the Document.....	1-4
1.6 Summary of Changes	1-4
2. Preliminary Information Model Definition.....	2-1
3. Registered Information Model Definition.....	3-1
3.1 Managed Object Classes	3-1
3.1.1 au416cCTPBidirectionalBCR.....	3-1
3.1.2 au416cCTPSinkBCR	3-2
3.1.3 au416cCTPSourceBCR.....	3-3
3.1.4 au416cSupervisedCTPBidirectionalBCR	3-3
3.1.5 au416cSupervisedCTPSinkBCR.....	3-4
3.1.6 au416cSupervisedCTPSourceBCR.....	3-4
3.1.7 au44cSupervisedCTPBidirectionalBCR	3-4
3.1.8 au44cSupervisedCTPSinkBCR.....	3-4
3.1.9 au44cSupervisedCTPSourceBCR.....	3-5
3.1.10 blsrFabricBCR	3-5
3.1.11 blsrInterconnectFabricBCR	3-5
3.1.12 blsrInterconnectFabricBCRr1	3-6
3.1.13 connectionProtectionGroupBCR	3-7
3.1.14 connectionProtectionGroupBCRr1	3-9
3.1.15 connectionProtectionGroupBCRr2	3-10
3.1.16 connectionProtectionUnitBCR.....	3-11
3.1.17 dropContinueConnectionProtectionUnitBCR.....	3-13
3.1.18 eastWestTableBCRr1	3-14
3.1.19 electricalSPITTPBidirectionalBCRr1	3-15
3.1.20 enutTableBCR.....	3-15
3.1.21 lapdConnection	3-16
3.1.22 lapdConnectionIVMO.....	3-18
3.1.23 lapdDatalinkEntity	3-20
3.1.24 lapdProtocolMachine	3-20

3.1.25	mergedULEntity.....	3-21
3.1.26	monitorPointBCR.....	3-21
3.1.27	mpConnectionProtectionUnitBCR.....	3-22
3.1.28	msTTPBidirectionalBCRr1.....	3-25
3.1.29	msTTPSinkBCRr1.....	3-25
3.1.30	namedServiceSelectorProtectionGroupBCR.....	3-25
3.1.31	opticalSPITTPBidirectionalBCRr1.....	3-26
3.1.32	ringMapBCRr2.....	3-26
3.1.33	ripTableBCR.....	3-27
3.1.34	rsMonitorPointBCR.....	3-28
3.1.35	sdhBLSRProtectionGroupBCR.....	3-28
3.1.36	sdhBLSRProtectionGroupBCRr1.....	3-32
3.1.37	sdhBLSRProtectionUnitBCR.....	3-32
3.1.38	sdhMSProtectionGroupBCRr1.....	3-34
3.1.39	sdhMSProtectionGroupBCRr2.....	3-35
3.1.40	sdhMSProtectionUnitBCRr1.....	3-35
3.1.41	serviceSelectorProtectionGroupBCR.....	3-36
3.1.42	sncpFabricBCRr1.....	3-37
3.1.43	squelchTableBCR.....	3-38
3.1.44	stsSquelchEntryBCR.....	3-38
3.1.45	tu13CTPBidirectionalBCRr1.....	3-39
3.1.46	tu13CTPSinkBCRr1.....	3-39
3.1.47	tu13CTPSource.....	3-40
3.1.48	tu13SupervisedCTPBidirectionalBCR.....	3-40
3.1.49	tu13SupervisedCTPSinkBCR.....	3-40
3.1.50	tu13SupervisedCTPSourceBCR.....	3-41
3.1.51	upsrInterconnectFabricBCR.....	3-41
3.1.52	vc11TTPBidirectionalBCRr1.....	3-41
3.1.53	vc11TTPSinkBCRr1.....	3-42
3.1.54	vc11TTPSourceBCRr1.....	3-43
3.1.55	vc13TTPBidirectionalBCRr1.....	3-44
3.1.56	vc13TTPSinkBCRr1.....	3-44
3.1.57	vc13TTPSource.....	3-45
3.1.58	vc3TTPBidirectionalR1BCR.....	3-45
3.1.59	vc3TTPSinkR1BCR.....	3-45
3.1.60	vc416cTTPBidirectionalBCR.....	3-47
3.1.61	vc416cTTPSinkBCR.....	3-47
3.1.62	vc416cTTPSourceBCR.....	3-48
3.1.63	vc44cTTPBidirectionalBCRr1.....	3-49
3.1.64	vc44cTTPSinkBCRr1.....	3-49
3.1.65	vc4TTPBidirectionalR1BCR.....	3-50
3.1.66	vc4TTPSinkR1BCR.....	3-51
3.1.67	vtSquelchEntryBCR.....	3-52
3.1.68	vtSquelchTableBCR.....	3-53

3.2	Conditional Packages	3-53
3.2.1	backupMapBCRPkg.....	3-53
3.2.2	directionTableNonReplaceablePkg.....	3-54
3.2.3	directionTableReplaceablePkg.....	3-54
3.2.4	extraTrafficControlBCRPkg	3-54
3.2.5	fourFiberPGBCRPkg	3-55
3.2.6	fourFiberPUBCRPkg	3-55
3.2.7	holdOffTimeBCRPkg	3-55
3.2.8	lastAttemptResultBCRPkg.....	3-56
3.2.9	lockedInConditionPkg	3-56
3.2.10	protectionMismatchStatusBCRPkg	3-56
3.2.11	protectionSwitchExerciseBCRPkg	3-56
3.2.12	sdhPriorityBCRR1Pkg	3-57
3.2.13	signalDegradeThresholdBCRPkg	3-57
3.2.14	signalFailThresholdBCRPkg	3-57
3.2.15	stsBackupTablePkg.....	3-58
3.3	Attributes.....	3-58
3.3.1	applicationContextNamesSupported.....	3-58
3.3.2	au416cCTPIdBCR	3-58
3.3.3	backupMapBCR.....	3-58
3.3.4	backupNodeIdNumberBCR.....	3-59
3.3.5	blsrProtectionStatusBCR	3-59
3.3.6	channelNumber	3-63
3.3.7	continuePointerBCR	3-64
3.3.8	currentMapBCR	3-64
3.3.9	currentNodeIdNumberBCR	3-65
3.3.10	currentSelectedPathBCR.....	3-65
3.3.11	currentSquelchingListBCR	3-66
3.3.12	currentVtSquelchingListBCR	3-66
3.3.13	directionTableBCR	3-66
3.3.14	dropAndContinueBCR.....	3-67
3.3.15	eastWestTableIdBCR.....	3-67
3.3.16	enutChannelListBCR	3-68
3.3.17	enutTableIdBCR	3-68
3.3.18	holdOffTimeBCR.....	3-69
3.3.19	j1PathTraceMismatchDetectBCR.....	3-69
3.3.20	kByteStateBCR	3-69
3.3.21	lapdConnectionIVMOId	3-70
3.3.22	lapdProtocolMachineId.....	3-70
3.3.23	lastAttemptResultBCR.....	3-71
3.3.24	layer2CommandResponse.....	3-71
3.3.25	layer2Service.....	3-72
3.3.26	localAEQualifier	3-72
3.3.27	lockedInCondition.....	3-72

3.3.28	n200	3-73
3.3.29	n201	3-73
3.3.30	pJ	3-73
3.3.31	pathProtectionStatusBCR	3-74
3.3.32	presentationSelectorValue	3-77
3.3.33	protectionMismatchStatusBCR	3-77
3.3.34	protectionStatusBCRr1	3-77
3.3.35	ringIdBCR	3-82
3.3.36	ringMapIdBCR	3-82
3.3.37	ringPUBCR	3-83
3.3.38	ripChannelListBCR	3-83
3.3.39	ripTableIdBCR	3-83
3.3.40	rsMonitorIdBCR	3-84
3.3.41	sABMEsReceived	3-84
3.3.42	sABMEsSent	3-84
3.3.43	sdhPriorityBCRr1	3-85
3.3.44	sessionSelectorValue	3-85
3.3.45	signalFailThresholdBCR	3-85
3.3.46	spanPUBCR	3-86
3.3.47	sqelchTableIdBCR	3-86
3.3.48	stsBackupTableBCRr1	3-86
3.3.49	stsChannelNumberBCR	3-87
3.3.50	stsCurrentTableBCRr1	3-88
3.3.51	t200Timer	3-88
3.3.52	t203Timer	3-89
3.3.53	terminationPointNameBCR	3-89
3.3.54	timesT200Expired	3-89
3.3.55	tu13CTPId	3-90
3.3.56	uIFrameDataOctetsReceived	3-90
3.3.57	uIFrameDataOctetsSent	3-91
3.3.58	uIFramesReceived	3-91
3.3.59	uIFramesSent	3-91
3.3.60	vc13TTPId	3-92
3.3.61	vc416cTTPIdBCR	3-92
3.3.62	vtBackupConfigInfoBCR	3-92
3.3.63	vtCurrentConfigInfoBCR	3-93
3.3.64	vtSqelchEntryIdBCR	3-93
3.3.65	vtSqelchTableIdBCR	3-93
3.3.66	waitToRestoreTimeSpanBCR	3-94
3.4	Name Bindings	3-94
3.4.1	applicationProcess-managedElementR1	3-94
3.4.2	au3CTPSinkR1-augSink	3-94
3.4.3	au3CTPSinkR1-g774protectedTTPSink	3-95
3.4.4	au3CTPSinkR1-msTTPSink	3-95

3.4.5	au3CTPSource-augSource	3-96
3.4.6	au3CTPSource-g774protectedTTPSource	3-97
3.4.7	au3CTPSource-msTTPSource-BCRr1	3-97
3.4.8	au416cCTPSinkBCR-augSink	3-98
3.4.9	au416cCTPSinkBCR-g774protectedTTPSink	3-98
3.4.10	au416cCTPSinkBCR-msTTPSink	3-99
3.4.11	au416cCTPSourceBCR-augSource	3-100
3.4.12	au416cCTPSourceBCR-g774protectedTTPSource	3-100
3.4.13	au416cCTPSourceBCR-msTTPSource	3-101
3.4.14	au44cCTPSink-augSink	3-101
3.4.15	au44cCTPSink-g774protectedTTPSink	3-102
3.4.16	au44cCTPSink-msTTPSink	3-102
3.4.17	au44cCTPSource-augSource	3-103
3.4.18	au44cCTPSource-g774protectedTTPSource	3-103
3.4.19	au44cCTPSource-msTTPSource	3-104
3.4.20	au4CTPSinkR1-augSink	3-105
3.4.21	au4CTPSinkR1-g774protectedTTPSink	3-105
3.4.22	au4CTPSource-augSource	3-106
3.4.23	au4CTPSource-g774protectedTTPSource	3-106
3.4.24	augBidirectional-msTTPBidirectionalBCRr1	3-107
3.4.25	augSink-msTTPSinkBCRr1	3-107
3.4.26	connectionProtectionGroupBCR-sncpFabricBCRr1	3-108
3.4.27	connectionProtectionUnitBCR-connectionProtection GroupBCR	3-108
3.4.28	crossConnection-mpConnectionProtectionUnitBCR.....	3-109
3.4.29	datalinkSubsystem-managedElementR1	3-109
3.4.30	dropContinueConnectionProtectionUnitBCR- connectionProtectionGroupBCRr1	3-110
3.4.31	eastWestTableBCRr1-sdhBLSRProtectionGroupBCRr1	3-110
3.4.32	electricalSPITTPBidirectionalBCRr1-managedElementR1	3-111
3.4.33	enutTableBCR-sdhBLSRProtectionGroupBCRr1	3-111
3.4.34	lapdConnection-lapdProtocolMachine.....	3-112
3.4.35	lapdConnectionIVMO-lapdProtocolMachine	3-113
3.4.36	lapdProtocolMachine-lapdDatalinkEntity	3-113
3.4.37	mergedULEntity-applicationProcess	3-113
3.4.38	mpConnectionProtectionUnitBCR-connectionProtection GroupBCR	3-114
3.4.39	msDatacomCTPBidirectional-msTTPBidirectionalBCRr1	3-114
3.4.40	msDatacomCTPSink-msTTPBidirectionalBCRr1.....	3-115
3.4.41	msDatacomCTPSink-msTTPSinkBCRr1	3-115
3.4.42	msDatacomCTPSource-msTTPBidirectionalBCRr1	3-116
3.4.43	msOrderwireCTPBidirectional-msTTPBidirectionalBCRr1	3-116
3.4.44	msOrderwireCTPSink-msTTPBidirectionalBCRr1.....	3-117
3.4.45	msOrderwireCTPSink-msTTPSinkBCRr1	3-117

3.4.46	msOrderwireCTPSource-msTTPBidirectionalBCRr1	3-117
3.4.47	msTTPBidirectionalBCRr1-managedElementR1	3-118
3.4.48	msTTPSinkBCRr1-managedElementR1	3-118
3.4.49	networkSubsystem-managedElementR1	3-118
3.4.50	opticalSPITTPBidirectionalBCRr1-managedElementR1	3-119
3.4.51	protectedTTPBidirectional-managedElementR1	3-119
3.4.52	protectedTTPSink-managedElementR1	3-120
3.4.53	protectedTTPSource-managedElementR1	3-120
3.4.54	protectionSwCurrentData-protectionUnitBCRr1	3-121
3.4.55	ringMapBCRr2-sdhBLSRProtectionGroupBCRr1	3-121
3.4.56	ripTableBCR-sdhBLSRProtectionGroupBCRr1	3-121
3.4.57	rsCTPBidirectional-electricalSPITTPBidirectionalBCRr1	3-122
3.4.58	rsCTPBidirectional-opticalSPITTPBidirectionalBCRr1	3-122
3.4.59	rsCTPSink-electricalSPITTPSink-BCRr1	3-123
3.4.60	rsCTPSink-opticalSPITTPSink-BCRr1	3-123
3.4.61	rsCTPSource-electricalSPITTPSource-BCRr1	3-124
3.4.62	rsCTPSource-opticalSPITTPSource-BCRr1	3-125
3.4.63	rsCurrentData-rsMonitorPointBCR	3-125
3.4.64	rsMonitorPointBCR-managedElementR1	3-125
3.4.65	squelchTableBCR-sdhBLSRProtectionGroupBCRr1	3-126
3.4.66	stsSquelchEntryBCR-squelchTableBCR	3-126
3.4.67	transportSubsystem-managedElementR1	3-127
3.4.68	tu13CTPSinkBCRr1-tug2Sink	3-127
3.4.69	tu13CTPSource-tug2Source	3-128
3.4.70	tu13CTPSource-tug2Source-BCRr1	3-128
3.4.71	tug2Bidirectional-vc3TTPBidirectionalR1BCR	3-129
3.4.72	tug2Sink-vc3TTPSinkR1BCR	3-129
3.4.73	vc11TTPSinkBCRr1-managedElementR1	3-129
3.4.74	vc11TTPSourceBCRr1-managedElementR1	3-130
3.4.75	vc12TTPSinkR1-managedElementR1	3-130
3.4.76	vc12TTPSource-managedElementR1	3-130
3.4.77	vc13TTPSinkBCRr1-managedElementR1	3-131
3.4.78	vc13TTPSource-managedElementR1	3-131
3.4.79	vc2TTPSinkR1-managedElementR1	3-132
3.4.80	vc2TTPSource-managedElementR1	3-132
3.4.81	vc3TTPSinkR1BCR-managedElementR1	3-132
3.4.82	vc3TTPSourceR1-managedElementR1	3-133
3.4.83	vc416cTTPSinkBCR-managedElementR1	3-133
3.4.84	vc416cTTPSourceBCR-managedElementR1	3-133
3.4.85	vc44cTTPSinkBCRr1-managedElementR1	3-134
3.4.86	vc44cTTPSource-managedElementR1	3-134
3.4.87	vc4TTPSinkR1BCR-managedElementR1	3-134
3.4.88	vc4TTPSourceR1-managedElementR1	3-135
3.4.89	vcCurrentDataFarEnd-au416cSupervisedCTPSinkBCR	3-135

3.4.90	vcCurrentDataFarEnd-au44cSupervisedCTPSinkBCR	3-136
3.4.91	vcCurrentDataFarEnd-tu13SupervisedCTPSinkBCR	3-136
3.4.92	vcCurrentDataFarEnd-vc13TTPSinkBCRr1	3-137
3.4.93	vcCurrentDataFarEnd-vc3TTPSinkR1BCR	3-137
3.4.94	vcCurrentDataFarEnd-vc416cTTPSinkBCR	3-138
3.4.95	vcCurrentDataFarEnd-vc44cTTPSinkBCRr1	3-138
3.4.96	vcCurrentDataFarEnd-vc4TTPSinkR1BCR	3-139
3.4.97	vcCurrentDataNearEnd-au416cSupervisedCTPSinkBCR.....	3-139
3.4.98	vcCurrentDataNearEnd-au44cSupervisedCTPSinkBCR.....	3-140
3.4.99	vcCurrentDataNearEnd-tu13SupervisedCTPSinkBCR	3-140
3.4.100	vcCurrentDataNearEnd-vc13TTPSinkBCRr1	3-141
3.4.101	vcCurrentDataNearEnd-vc3TTPSinkR1BCR.....	3-141
3.4.102	vcCurrentDataNearEnd-vc416cTTPSinkBCR.....	3-142
3.4.103	vcCurrentDataNearEnd-vc44cTTPSinkBCRr1	3-142
3.4.104	vcCurrentDataNearEnd-vc4TTPSinkR1BCR.....	3-143
3.4.105	vtSquelchEntryBCR-vtSquelchTableBCR	3-143
3.4.106	vtSquelchTableBCR-stsSquelchEntryBCR	3-143
3.5	Actions	3-144
3.5.1	defineDefaultPathBCR.....	3-144
3.5.2	dropContinueBCR.....	3-145
3.5.3	invokeExerciseBCRr1	3-148
3.5.4	protectUnprotectBCRr1	3-149
3.5.5	protectedConnectBCRr1	3-152
3.5.6	updateBCRr1	3-155
3.6	Notifications	3-155
3.6.1	sdhLoopBackResultReportingBCR	3-155
3.7	Parameters	3-156
3.7.1	blsrConnectParameterBCR	3-156
3.7.2	blsrProtectionStatusParameterBCR	3-156
3.7.3	blsrRIPParameterBCR	3-157
3.7.4	blsrSquelchParameterBCR.....	3-158
3.7.5	defineDefaultPathErrorParameterBCR	3-158
3.7.6	pathProtectionStatusParameterBCR	3-159
3.7.7	protectionStatusParameterBCR	3-160
3.8	Supporting Productions	3-161
3.8.1	BCRGR1042Iss1Mod	3-161
3.8.2	BCRGR1042Iss1Rev1Mod.....	3-163
3.8.3	BCRGR1042Iss2Rev1Mod.....	3-165
3.8.4	BCRGR1042Iss3PlusMod	3-166
3.8.5	BCRTR1042Iss1Mod.....	3-169
3.8.6	BCRTR1042Iss1Rev1Mod.....	3-170
3.8.7	BCRTR1042Iss1Sup1Mod	3-176
4.	Object Relations	4-1
4.1	Template Syntax.....	4-1

4.1.1	Subordination Rule Templates	4-2
4.1.2	Constraint Rule Templates	4-3
4.2	Connectivity Pointer Constraints	4-4
4.3	Naming Constraints	4-30
Appendix A:	Deprecated Definitions from GR-1042-IMD, Issue 2, Revision 1	A-1
A.1	SONET Managed Objects	A-1
A.1.1	auORtuCurrentData	A-1
A.1.2	auORtuCurrentDataBCRr1	A-1
A.1.3	eastWestTableBCR	A-1
A.1.4	namedConnectionProtectionGroupBCR	A-2
A.1.5	electricalSPICurrentData	A-2
A.1.6	electricalSPICurrentDataBCRr1	A-3
A.1.7	msCurrentData	A-3
A.1.8	msCurrentDataBCRr1	A-4
A.1.9	opticalSPITTPBidirectionalCurrentData	A-4
A.1.10	opticalSPITTPBidirectionalCurrentDataBCRr1	A-4
A.1.11	opticalSPITTPSinkCurrentData	A-5
A.1.12	opticalSPITTPSinkCurrentDataBCRr1	A-5
A.1.13	opticalSPITTPSourceCurrentData	A-6
A.1.14	opticalSPITTPSourceCurrentDataBCRr1	A-7
A.1.15	psCurrentData	A-7
A.1.16	psCurrentDataBCRr1	A-7
A.1.17	ringMapBCR	A-8
A.1.18	ringMapBCRr1	A-9
A.1.19	rsCurrentData	A-10
A.1.20	rsCurrentDataBCRr1	A-10
A.1.21	vcCurrentData	A-10
A.1.22	vcCurrentDataBCRr1	A-11
A.1.23	namedConnectionProtectionGroupBCRr1	A-12
A.1.24	protectedTTPBidirectional	A-12
A.1.25	protectedTTPSink	A-13
A.1.26	protectedTTPSource	A-13
A.1.27	sdhNEBCRr1	A-14
A.1.28	stsSquelchTableBCR	A-14
A.1.29	unprotectedCTPBidirectional	A-15
A.1.30	unprotectedCTPSink	A-15
A.1.31	unprotectedCTPSource	A-16
A.1.32	vc11MonitorPointBCR	A-17
A.1.33	vc12MonitorPointBCR	A-17
A.1.34	vc13MonitorPointBCR	A-18
A.1.35	vc2MonitorPointBCR	A-19
A.1.36	vc3MonitorPointBCR	A-20
A.1.37	vc4MonitorPointBCR	A-21
A.2	Packages	A-22

A.2.1	aISandLOPSFEPkg	A-22
A.2.2	aISandLOPSPkg	A-22
A.2.3	msFECURRENTDataBCRPkg	A-22
A.2.4	opticalPowerReceivePkg	A-23
A.2.5	opticalPowerTransmitPkg	A-24
A.2.6	vcFECURRENTDataPkg	A-24
A.3	Attributes	A-25
A.3.1	aISandLOPS	A-25
A.3.2	aISandLOPSFE	A-25
A.3.3	laserBiasCurrent	A-25
A.3.4	protectedTTPIId	A-26
A.3.5	receivePower	A-26
A.3.6	sEFS	A-26
A.3.7	stsBackupTableBCR	A-27
A.3.8	stsCurrentTableBCR	A-28
A.3.9	transmitPower	A-28
A.3.10	unprotectedCTPIId	A-29
A.3.11	vcMonitorIdBCR	A-29
A.4	Name Bindings	A-29
A.4.1	applicationProcess-sdhNE	A-29
A.4.2	au3CTPSinkR1-protectedTTPSink	A-30
A.4.3	au3CTPSource-protectedTTPSource-BCRr1	A-30
A.4.4	augBidirectional-protectedTTPBidirectional	A-31
A.4.5	augSink-protectedTTPSink	A-31
A.4.6	augSource-protectedTTPSource	A-32
A.4.7	auORtuCurrentData-au3CTPSinkR1	A-32
A.4.8	auORtuCurrentData-tu11CTPSinkR1	A-33
A.4.9	auORtuCurrentData-tu12CTPSinkR1	A-33
A.4.10	auORtuCurrentData-tu13CTPSinkBCRr1	A-34
A.4.11	auORtuCurrentData-tu2CTPSinkR1	A-35
A.4.12	datalinkSubsystem-sdhNE	A-35
A.4.13	eastWestTableBCR-sdhNE	A-36
A.4.14	electricalSPITTPBidirectionalBCRr1-sdhNE	A-36
A.4.15	electricalSPICurrentData-electricalSPITTPSink	A-36
A.4.16	msCurrentData-msTTPSink	A-37
A.4.17	msTTPBidirectionalBCRr1-sdhNE	A-37
A.4.18	msTTPSinkBCRr1-sdhNE	A-38
A.4.19	networkSubsystem-sdhNE	A-38
A.4.20	opticalSPITTPBidirectionalBCRr1-sdhNE	A-38
A.4.21	opticalSPITTPBidirectionalCurrentData-opticalSPITTP Bidirectional	A-38
A.4.22	opticalSPITTPSinkCurrentData-opticalSPITTPSink	A-39
A.4.23	opticalSPITTPSourceCurrentData-opticalSPITTPSource	A-39
A.4.24	protectedTTPBidirectional-sdhNE	A-40

A.4.25	protectedTTPSink-sdhNE	A-40
A.4.26	protectedTTPSink-sdhNEBCRr1	A-41
A.4.27	protectedTTPSource-sdhNE	A-41
A.4.28	protectedTTPSource-sdhNEBCRr1	A-42
A.4.29	psCurrentData-protectionUnitBCRr1	A-42
A.4.30	ringMapBCR-sdhNE.....	A-43
A.4.31	rsCurrentData-rsTTPSink	A-43
A.4.32	rsMonitorPointBCR-sdhNE.....	A-44
A.4.33	squelchTableBCR-blSrFabricBCR.....	A-44
A.4.34	syncCurrentData-au3CTPSinkR1	A-44
A.4.35	stsSquelchTableBCR-squelchTableBCR.....	A-45
A.4.36	syncCurrentData-au4CTPSinkR1	A-45
A.4.37	syncCurrentData-au44cCTPSink	A-46
A.4.38	syncCurrentData-tu11CTPSinkR1	A-46
A.4.39	syncCurrentData-tu12CTPSinkR1	A-47
A.4.40	syncCurrentData-tu13CTPSinkBCRr1	A-48
A.4.41	syncCurrentData-tu2CTPSinkR1	A-48
A.4.42	transportSubsystem-sdhNE.....	A-49
A.4.43	unprotectedCTPBidirectional-msTTPBidirectional.....	A-49
A.4.44	unprotectedCTPBidirectional-msTTPBidirectionalBCRr1	A-49
A.4.45	unprotectedCTPSink-msTTPSink.....	A-50
A.4.46	unprotectedCTPSink-msTTPSinkBCRr1	A-50
A.4.47	unprotectedCTPSource-msTTPSource	A-51
A.4.48	vc11MonitorPointBCR-sdhNE	A-51
A.4.49	vc11TTPSinkBCRr1-sdhNE.....	A-51
A.4.50	vc11TTPSinkBCRr1-sdhNEBCRr1.....	A-52
A.4.51	vc11TTPSourceBCRr1-sdhNE	A-52
A.4.52	vc11TTPSourceBCRr1-sdhNEBCRr1	A-52
A.4.53	vc12MonitorPointBCR-sdhNE	A-52
A.4.54	vc12TTPSinkR1-sdhNEBCRr1	A-53
A.4.55	vc12TTPSource-sdhNEBCRr1	A-53
A.4.56	vc13MonitorPointBCR-sdhNE	A-53
A.4.57	vc13TTPSinkBCRr1-sdhNE.....	A-54
A.4.58	vc13TTPSinkBCRr1-sdhNEBCRr1.....	A-54
A.4.59	vc13TTPSource-sdhNE	A-54
A.4.60	vc13TTPSource-sdhNEBCRr1	A-55
A.4.61	vc2MonitorPointBCR-sdhNE	A-55
A.4.62	vc2TTPSinkR1-sdhNEBCRr1	A-55
A.4.63	vc2TTPSource-sdhNEBCRr1	A-55
A.4.64	vc3MonitorPointBCR-sdhNE	A-56
A.4.65	vc3TTPSinkR1BCR-sdhNEBCRr1	A-56
A.4.66	vc3TTPSourceR1-sdhNEBCRr1	A-56
A.4.67	vc4MonitorPointBCR-sdhNE	A-57
A.4.68	vc4TTPSinkR1BCR-sdhNEBCRr1	A-57

A.4.69	vc4TTPSourceR1-sdhNEBCRr1	A-57
A.4.70	vcCurrentDataBCRr1-monitorPointBCR	A-58
A.4.71	vcCurrentDataBCRr1-vc11TTPSinkR1	A-58
A.4.72	vcCurrentDataBCRr1-vc12TTPSinkR1	A-58
A.4.73	vcCurrentDataBCRr1-vc13TTPSinkBCRr1	A-59
A.4.74	vcCurrentDataBCRr1-vc2TTPSinkR1	A-59
A.4.75	vcCurrentDataBCRr1-vc3TTPSinkR1	A-60
A.4.76	vcCurrentDataBCRr1-vc3TTPSinkR1BCR	A-60
A.4.77	vcCurrentDataBCRr1-vc4TTPSinkR1	A-61
A.4.78	vcCurrentDataBCRr1-vc4TTPSinkR1BCR	A-61
A.4.79	vcCurrentDataFarEnd-monitorPointBCR	A-62
A.4.80	vcCurrentDataNearEnd-monitorPointBCR	A-62
A.4.81	vtSquelchTableBCR-stsSquelchTableBCR	A-63
A.4.82	crossConnectionBCRr1-mpConnectionProtectionUnitBCR	A-63
A.4.83	au3CTPSource-msTTPSource	A-63
A.4.84	au3CTPSource-protectedTTPSource	A-64
A.5	Actions	A-64
A.5.1	updateBCR	A-64
A.6	Notifications	A-65
A.7	Parameters	A-65
A.8	Supporting Productions	A-65
References	References-1
Acronyms	Acronyms-1
