

























	System file	rw	C:\tau34\Q1228\Inap\inap.sdt
	Source directory	rw	C:\tau34\Q1228\Inap\
	Text readme	---	TCAP\readme.txt

Chapter ASN.1 Files

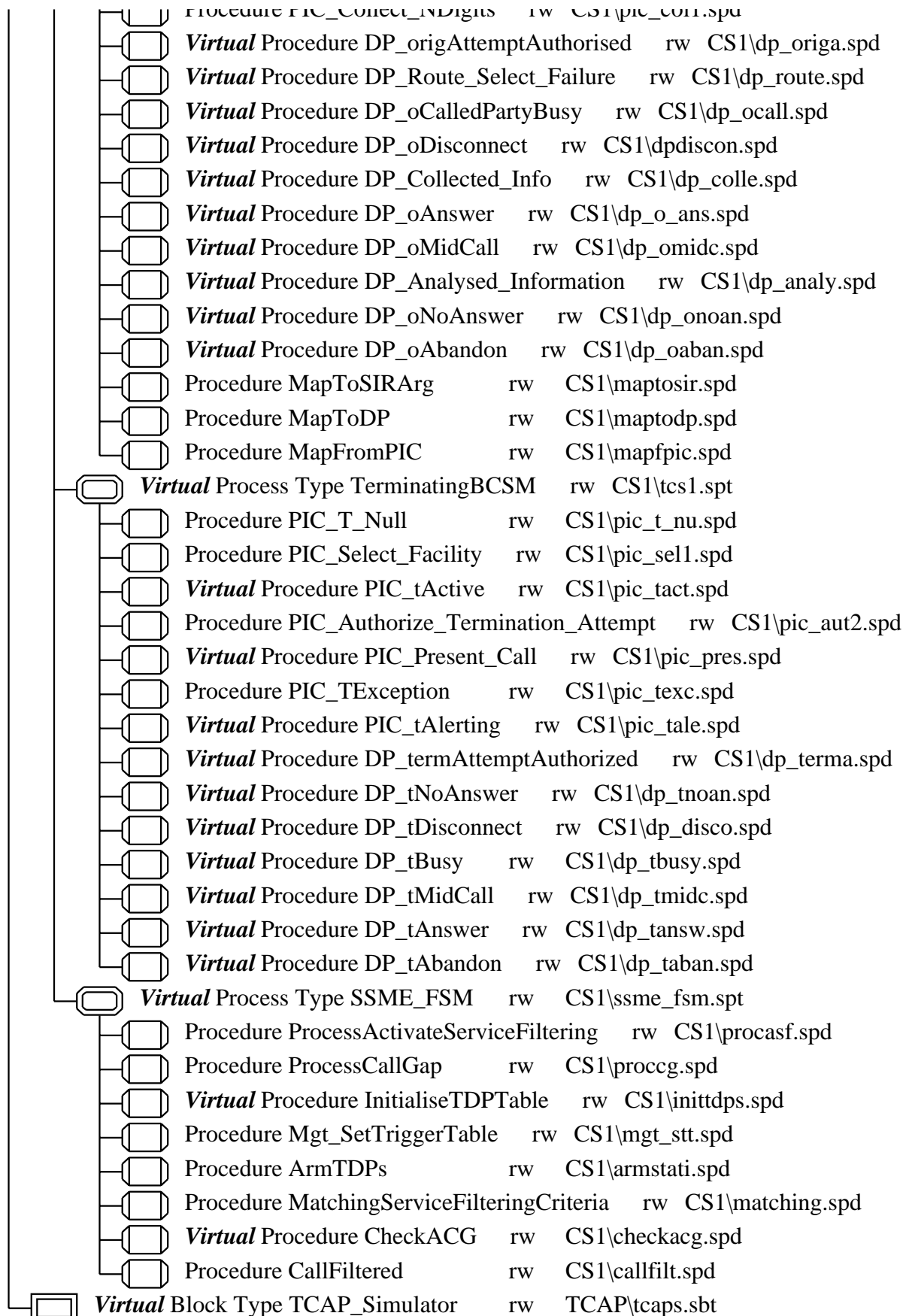
	ASN.1 Text INCS2datatypes	rw	ASN1\incs2-dt.asn
	ASN.1 Text INCS2SSFSCFopsargs	rw	ASN1\ssf-scf.asn
	ASN.1 Text INCS2BundleArg	rw	ASN1\incs2b.asn
	ASN.1 Text INCS2Internals	rw	ASN1\cs2i.asn

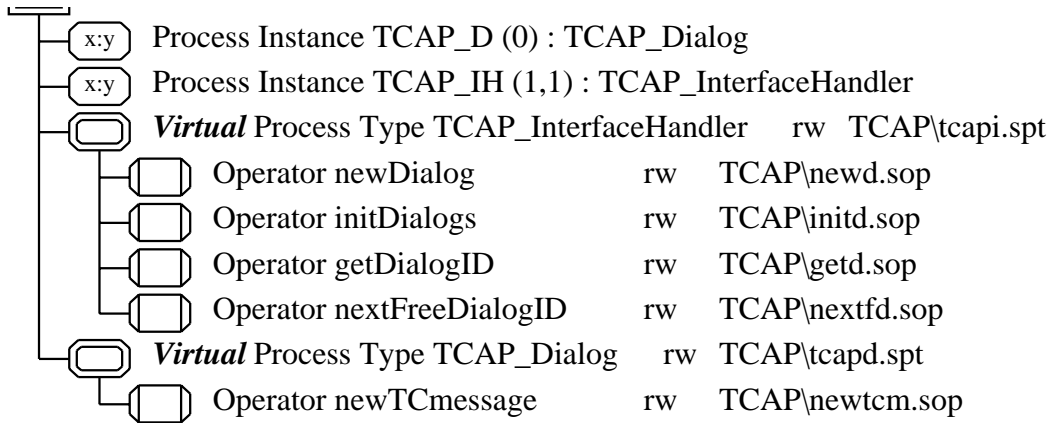
Chapter IN CS-1 Specification

	Package CS1_INAP	rw	CS1\cs1_inap.sun
	Depending on ASN.1 Text INCS2BundleArg		
	Depending on ASN.1 Text INCS2datatypes		
	Depending on ASN.1 Text INCS2Internals		
	Depending on ASN.1 Text INCS2SSFSCFopsargs		
	System Type CS1_INAP	rw	CS1\cs1_inap.sst
	Block Instance SSF_CCF_A : SSF_CCF		
	Block Instance SSF_CCF_B : SSF_CCF		
	Block Instance TCAP_Adapter : TCAP_Simulator		
	Virtual Block Type SSF_CCF	rw	CS1\ssf1.sbt
	Process Instance CS (0) : CallSegment		
	Process Instance CSA (0) : CallSegmentAssociation		
	Process Instance IH (1,1) : InterfaceHandler		
	Process Instance O_BCSM (0) : OriginatingBCSM		
	Process Instance SSF (0) : SSF_FSM		
	Process Instance SSME (1,1) : SSME_FSM		
	Process Instance T_BCSM (0) : TerminatingBCSM		
	Virtual Process Type InterfaceHandler	rw	CS1\ih.spt
	Procedure AllocateCSAId	rw	CS1\alldid.spd
	Procedure AddCSAId	rw	CS1\adddid.spd
	Procedure GetCSAIdfromCSA	rw	CS1\getdid.spd
	Procedure GetCSAfromCSAId	rw	CS1\getcvd.spd
	Procedure GetCSAfromSigConId	rw	CS1\getcvu.spd

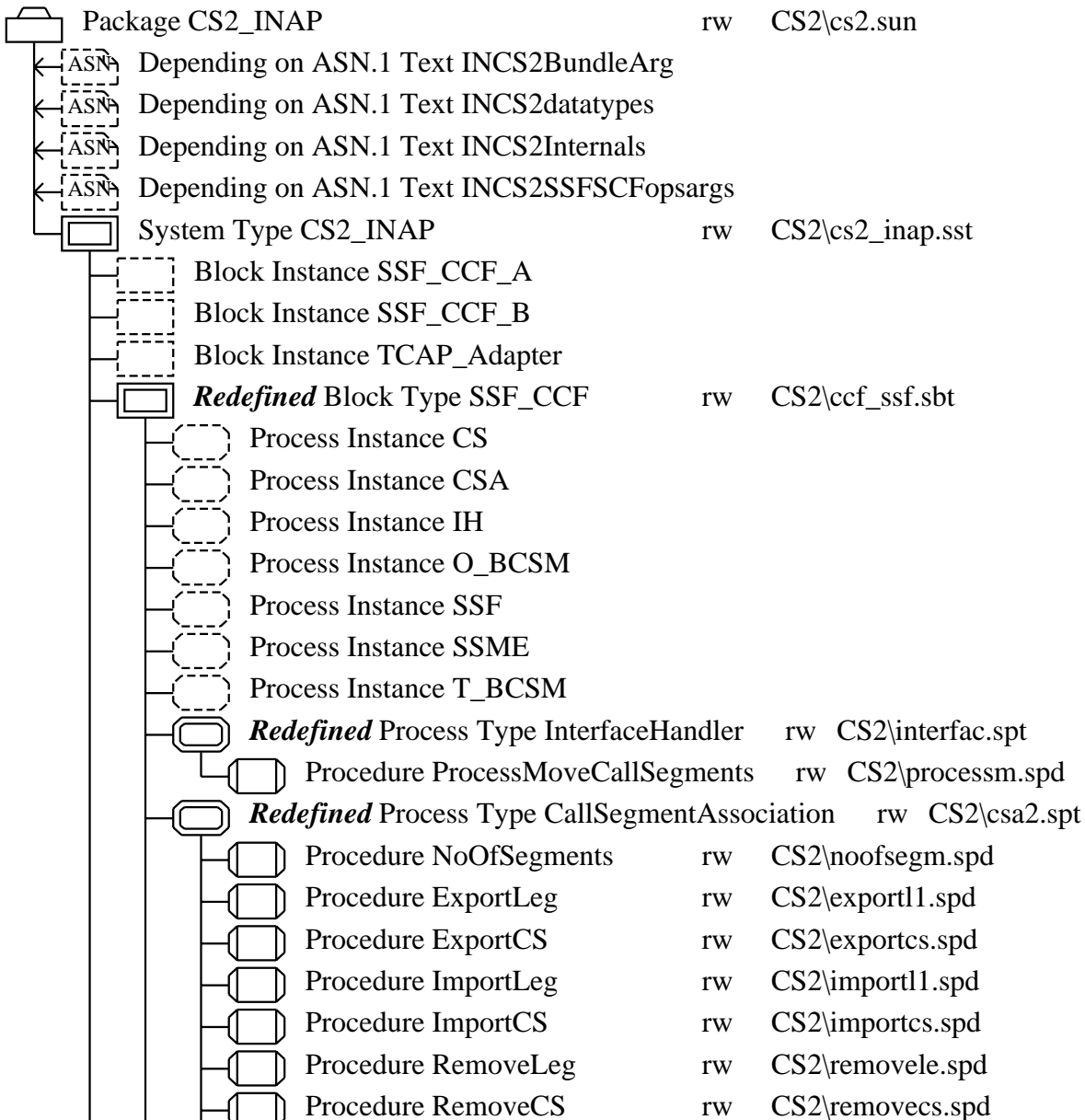
	Procedure SetSigConAssoc	rw	CS1\setsca.spd
	Procedure SetRemoteAssoc	rw	CS1\setrema.spd
	Procedure GetCSAfromRemoteId	rw	CS1\getlcsa.spd
	Procedure IsCSA	rw	CS1\iscsa.spd
	Virtual Process Type CallSegmentAssociation	rw	CS1\csa.spt
	Procedure AddCS	rw	CS1\addcs.spd
	Procedure SetLegLocation	rw	CS1\setlegl.spd
	Procedure GetCSPtr	rw	CS1\getcsptr.spd
	Procedure GetLegLocation	rw	CS1\getlegl.spd
	Procedure ExistCS	rw	CS1\existcs.spd
	Procedure SetLegAssoc	rw	CS1\setlassc.spd
	Procedure IsCS	rw	CS1\iscs.spd
	Procedure GetLegIdfromRemoteLegId	rw	CS1\getlegrc.spd
	Procedure ExistLeg	rw	CS1\existleg.spd
	Virtual Process Type CallSegment	rw	CS1\cv1.spt
	Procedure AddLeg	rw	CS1\addleg.spd
	Procedure RemoveLeg	rw	CS1\remleg.spd
	Procedure SetLegStatus	rw	CS1\setlstat.spd
	Procedure ReleaseAllLegs	rw	CS1\releasea.spd
	Procedure GetLegStatus	rw	CS1\getlstat.spd
	Procedure SetLegAssoc	rw	CS1\setlass.spd
	Procedure SetLegPtr	rw	CS1\setlptr.spd
	Procedure GetLegIdfromRemoteLegId	rw	CS1\getlegrc.spd
	Procedure GetLegPtr	rw	CS1\getlptr.spd
	Procedure IsBCSM	rw	CS1\isbcsn.spd
	Procedure GetPassiveLegId	rw	CS1\getpl.spd
	Procedure MapConnectToBCSM	rw	CS1\mpcobcsn.spd
	Procedure MapSIToBCSM	rw	CS1\mpsibcsn.spd
	Virtual Process Type SSF_FSM	rw	CS1\ssf_fsm.spt
	Virtual Procedure InitialiseDPTable	rw	CS1\initv1.spd
	Procedure ExistLeg	rw	CS1\exleg.spd
	Procedure AnyDPArmed	rw	CS1\anyevarm.spd
	Procedure IsDPArmed	rw	CS1\evarm.spd
	Procedure DisarmDPs	rw	CS1\disarm.spd
	Procedure DPArmed	rw	CS1\dparmed.spd
	Procedure CallInformationReportPending	rw	CS1\callinfo.spd
	Procedure ApplyChargingReportPending	rw	CS1\applycha.spd
	Procedure ArmTDPs	rw	CS1\armtdps.spd

	Procedure MatchingServiceFilteringCriteria	rw	CS1\msfc.spd
	Procedure CheckACG	rw	CS1\cacg.spd
	Procedure CallFiltered	rw	CS1\cf.spd
	Procedure ProcessApplyCharging	rw	CS1\process6.spd
	Procedure ProcessContinue	rw	CS1\proces12.spd
	Procedure ProcessRequestReportBCSMEvent	rw	CS1\prreqrep.spd
	Procedure ProcessAnalyseInformation	rw	CS2\procai.spd
	Procedure ProcessCallInformationRequest	rw	CS1\process7.spd
	Procedure ProcessDisconnectForwardConnection	rw	CS1\processd.spd
	Procedure ProcessSendChargingInformation	rw	CS1\procsci.spd
	Procedure ProcessSelectRoute	rw	CS2\procsr.spd
	Procedure ProcessCancel	rw	CS1\process8.spd
	Procedure ProcessEstablishTemporaryConnection	rw	CS1\processe.spd
	Procedure ProcessEventReportBCSM	rw	CS1\prevrep.spd
	Procedure ProcessSelectFacility	rw	CS2\procsf.spd
	Procedure ProcessCollectInformation	rw	CS1\process9.spd
	Procedure ProcessFurnishChargingInformation	rw	CS1\proces13.spd
	Procedure ProcessForwardConnectionReleased	rw	CS1\processf.spd
	Procedure ProcessConnect	rw	CS1\proces10.spd
	Procedure ProcessInitiateCallAttempt	rw	CS1\processi.spd
	Procedure ProcessInitialDP	rw	CS1\pridp.spd
	Procedure ProcessConnectToResource	rw	CS1\proces11.spd
	Procedure ProcessRequestNotificationChargingEvent	rw	CS1\proces16.spd
	Virtual Procedure ProcessDPSpecific	rw	CS1\ProcDPS.spd
	Procedure ConnnectAnalysis	rw	CS1\ERROR\conpa.spd
	Virtual Process Type OriginatingBCSM	rw	CS1\ocs1.spt
	Procedure PIC_O_Null	rw	CS1\pic_o_nu.spd
	Procedure PIC_Analyse_Information	rw	CS1\pic_anal.spd
	Virtual Procedure PIC_Send_Call	rw	CS1\pic_send.spd
	Virtual Procedure PIC_O_Active	rw	CS1\pic_o_ac.spd
	Procedure PIC_Authorise_Origination_Attempt	rw	CS1\pic_auth.spd
	Procedure PIC_Select_Route	rw	CS1\pic_sele.spd
	Virtual Procedure PIC_O_Alerting	rw	CS1\pic_o_al.spd
	Procedure PIC_O_Abandon	rw	CS1\pic_o_ab.spd
	Procedure PIC_Collect_Information	rw	CS1\pic_coll.spd
	Procedure PIC_Authorise_Call_Setup	rw	CS1\pic_aut1.spd
	Procedure PIC_O_Answer	rw	CS1\pic_o_an.spd
	Procedure PIC_OException	rw	CS1\pic_oexc.spd
	Procedure PIC_Collect_NDigits	rw	CS1\pic_coll.spd

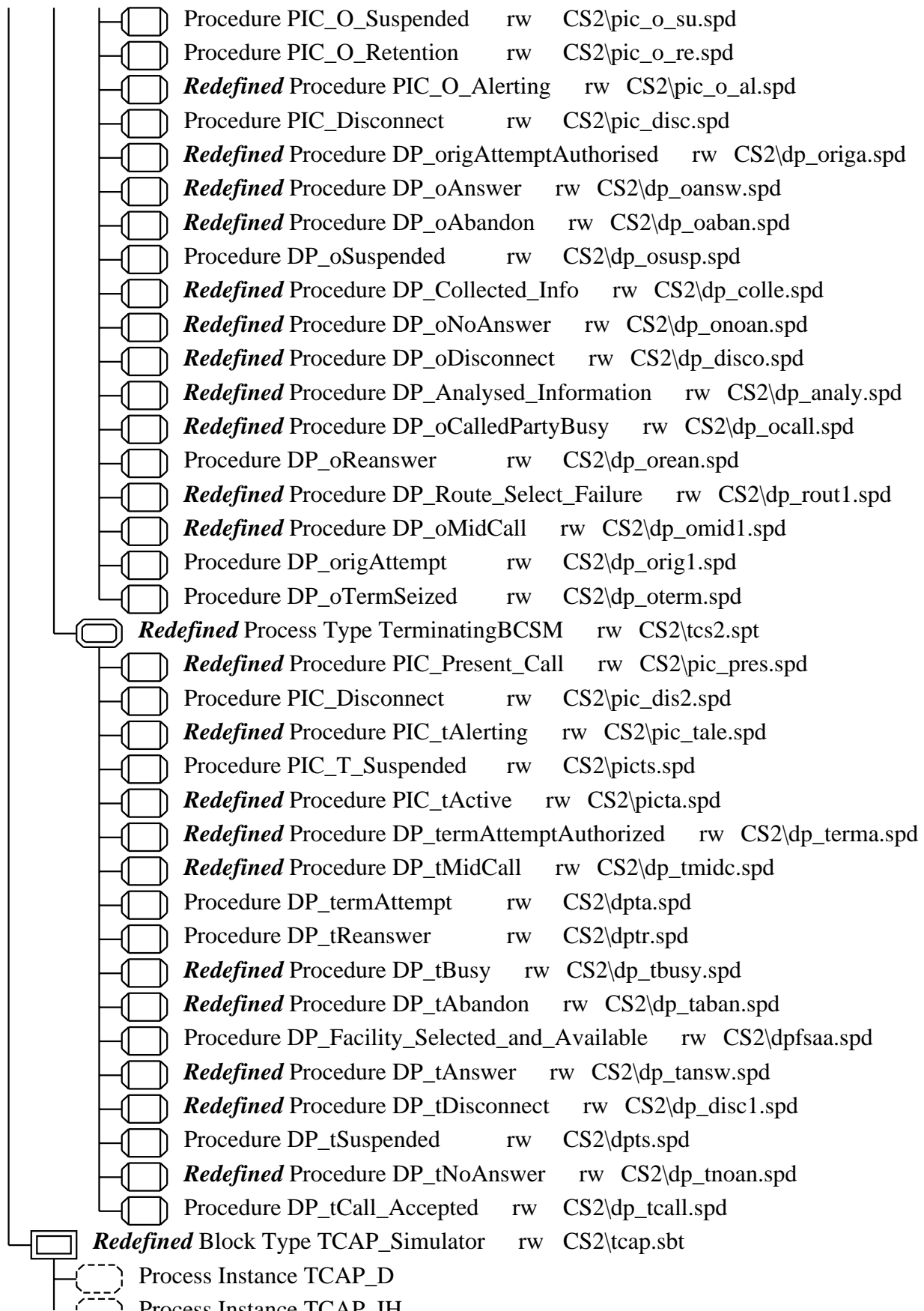


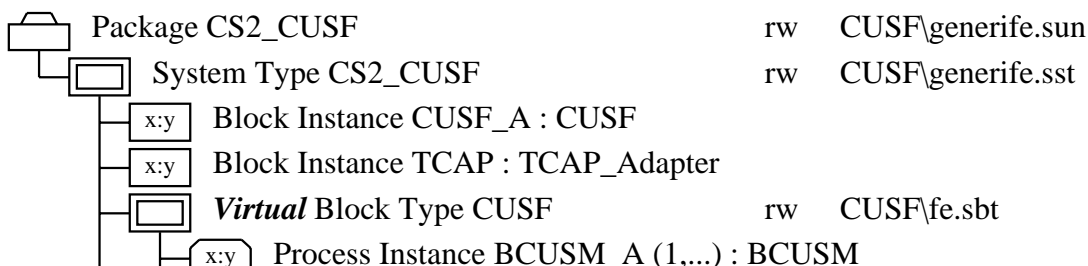
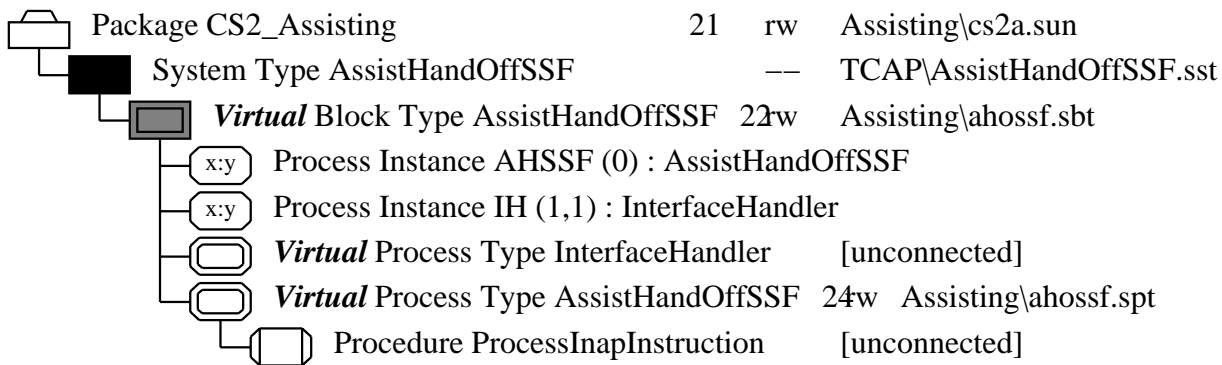
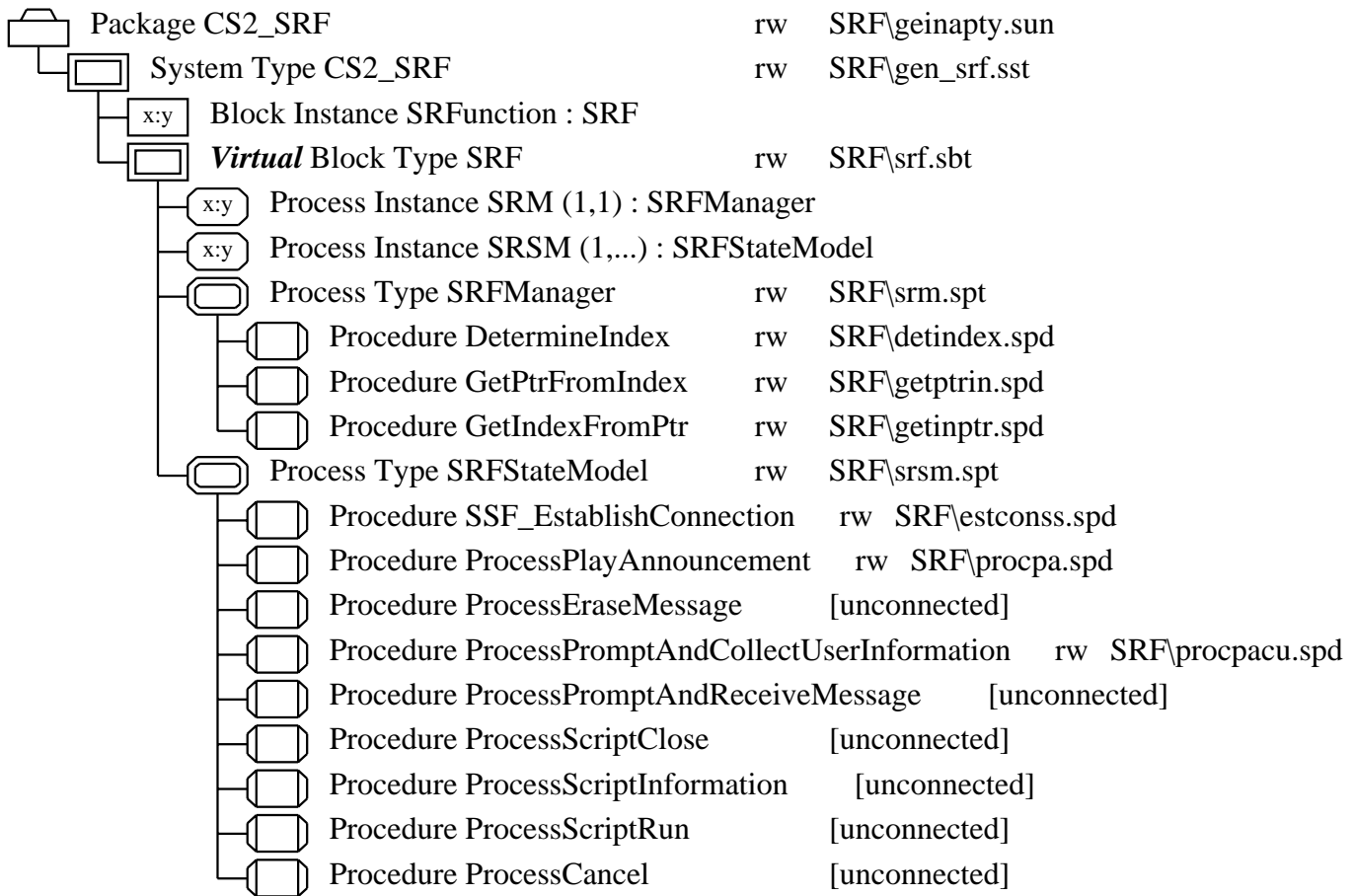
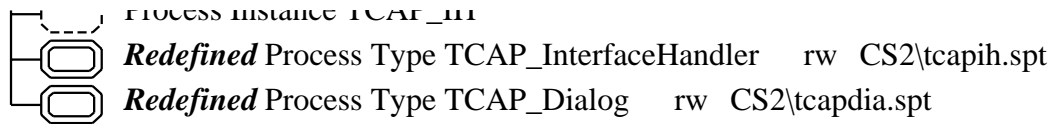


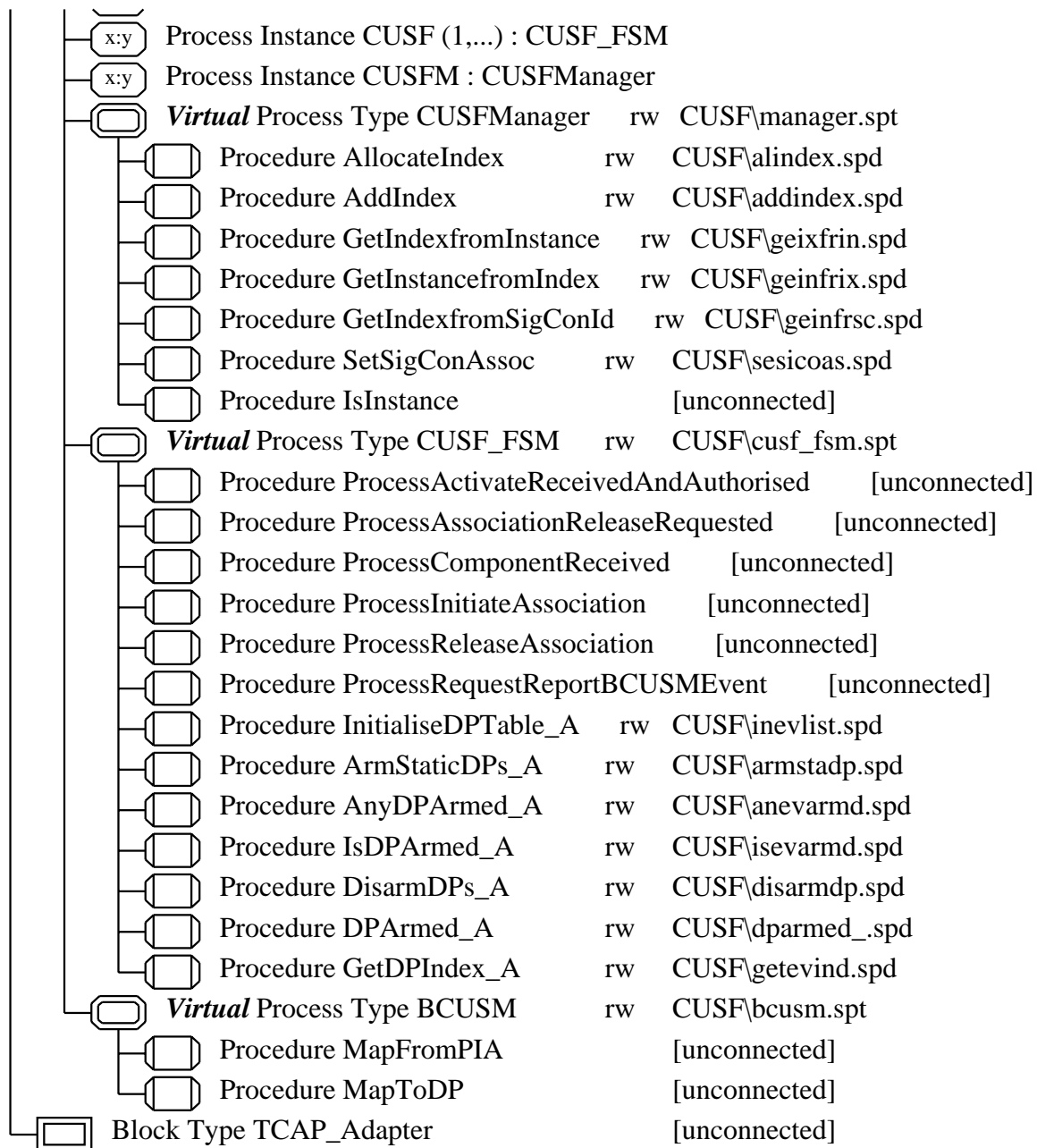
— Chapter IN CS-2 Specification



	Procedure MoveLegs	rw	CS2\movelegs.spd
	Procedure ExportControllingLeg	rw	CS2\expcl.spd
	Procedure ProcessRRBE	rw	CS2\processr.spd
	Procedure DisconnectControllingLeg	rw	CS2\dlc.spd
	Procedure ProcessQueuedRRBE	rw	CS2\processq.spd
	Procedure ReleaseCall	rw	CS2\release1.spd
	Redefined Process Type CallSegment	rw	CS2\cv2.spt
	Procedure ImportLeg	rw	CS2\importle.spd
	Procedure BroadcastToLegs	rw	CS2\broadcas.spd
	Procedure ExportLeg	rw	CS2\exportle.spd
	Procedure NoOfLegs	rw	CS2\nooflegs.spd
	Procedure DPFiltering	rw	CS2\dpfil.spd
	Procedure MapSFTToBCSM	rw	CS2\msftbcsm.spd
	Procedure DPFilteringUTSI	rw	CS2\dpfilter.spd
	Procedure MapAIToBCSM	rw	CS2\maitbcsm.spd
	Procedure MapSRToBCSM	rw	CS2\msrtbcsm.spd
	Redefined Process Type SSF_FSM	rw	CS2\ssf_fsm2.spt
	Procedure ExportEventRecord	rw	CS2\expevl.spd
	Procedure ProcessContinueWithArgument	rw	CS2\pcwa.spd
	Procedure ProcessRequestReportUTSI	rw	CS2\process3.spd
	Procedure ImportEventRecord	rw	CS2\impevl.spd
	Procedure ProcessDisconnectLeg	rw	CS2\processd.spd
	Procedure ProcessSendSTUI	rw	CS2\process4.spd
	Procedure ProcessReportUTSI	rw	CS2\process5.spd
	Redefined Procedure ProcessDPSpecific	rw	CS2\ProcDPS.spd
	Procedure IsUTSIArmed	rw	CS2\isutsiar.spd
	Procedure ProcessReportFacility	rw	CS2\prf.spd
	Procedure ProcessRequestReportFacilityEvent	rw	CS2\prrfe.spd
	Procedure IsFacilityArmed	rw	CS2\isfa.spd
	Procedure ProcessSendFacility	rw	CS2\psf.spd
	Redefined Procedure InitialiseDPTable	rw	CS2\initiali.spd
	Redefined Process Type SSME_FSM	rw	CS2\ssmefsm.spt
	Procedure ProcessManageTriggerData	rw	CS2\procmtd.spd
	Redefined Procedure CheckACG	rw	CS2\checkac1.spd
	Redefined Procedure InitialiseTDPTTable	rw	CS2\inittdp2.spd
	Redefined Process Type OriginatingBCSM	rw	CS2\ocs2.spt
	Redefined Procedure PIC_O_Active	rw	CS2\pic_o_ac.spd
	Redefined Procedure PIC_Send_Call	rw	CS2\pic_send.spd







Chapter System Instantiations

	System CS1_INAP	rw	CS1\cs1.ssy
	System CS2_INAP	rw	CS2\cs2_inap.ssy

Chapter CS-1 Examples

	MSC CI_Overview	rw	EXAMPLES\cirov.msc
	MSC CI_Detailed	rw	EXAMPLES\cid.msc



MSC CO_Overview

rw EXAMPLES\coov.msc



MSC CO_Detailed

rw EXAMPLES\cod.msc



Chapter CPH Examples



MSC 3Pty_Overview

rw EXAMPLES\3ptyov.msc



MSC 3Pty_Detailed

rw EXAMPLES\3ptyd.msc



MSC CF_Overview

rw EXAMPLES\cfov.msc



MSC CF_Detailed

rw EXAMPLES\cfd.msc

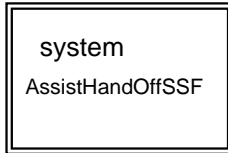


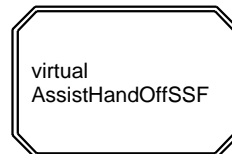
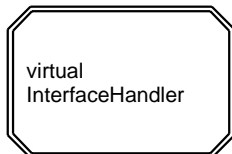
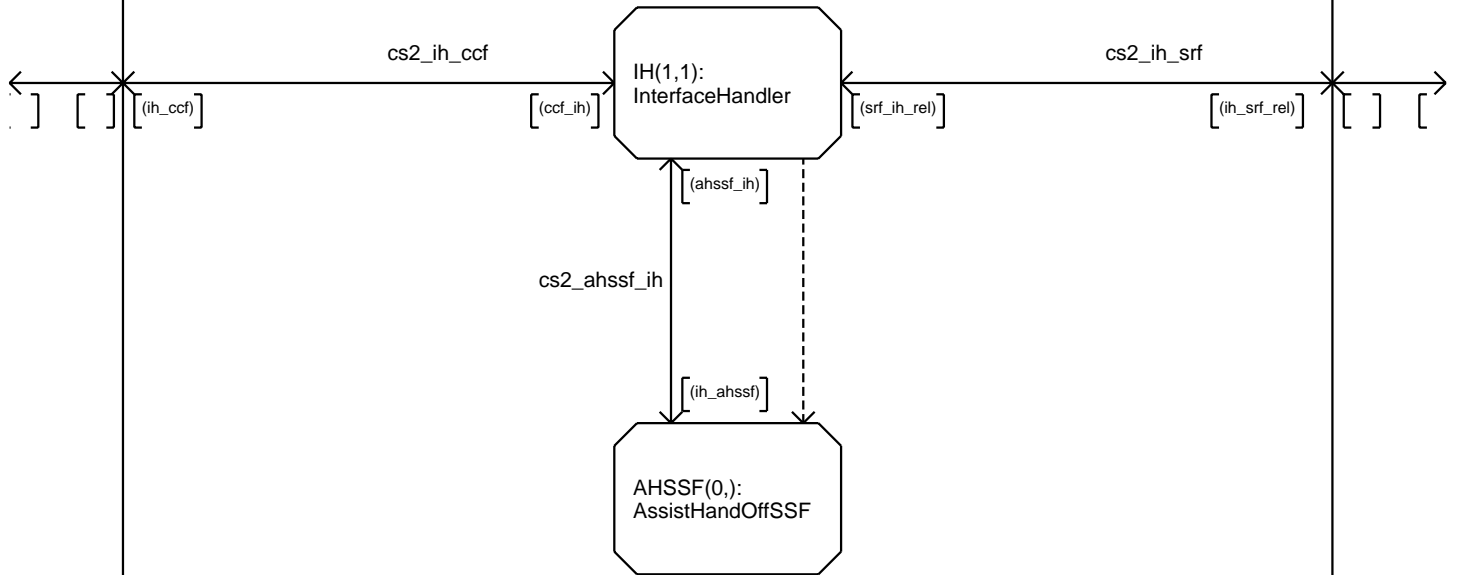
Chapter CS-1 Test Purposes



Package CS2_Assisting

1(1)







/* Signal definitions to and from CCF
These signals to and from the ccf are internal indications which are not defined in the IN Recommendations.
The names are therefore local names only. */
/* From CCF */
SIGNAL
AssistRequired,
BackwardConnectionReleased,
ForwardConnectionReleased,

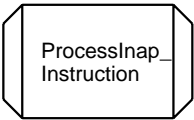
/* To CCF */
ConnectSRF,
RouteToDefault,
SRFReleaseRequest,
TerminateCall;

/* Signal definitions to and from SCF.
Operations defined in the CS-2 Recommendations. */
/* To SCF */
SIGNAL
AssistRequestInstructions,

/* From SCF */
ConnectToResource,
ApplyCharging,
FurnishChargingInformation,
SendChargingInformation,
ResetTimer,
DisconnectForwardConnection,
ReleaseCall;

/* Signal definitions to and from SRF. */
/* Relay from SCF to SRF */
SIGNAL
Cancel,
PlayAnnouncement,
PromptAndCollectUserInformation,

/* Relay from SRF to SCF */
ReturnResult_PromptAndCollectUserInformation,
SpecializedResourceReport;



```
/* Timer definitions */  
TIMER Tahssf;  
  
/* The timer Tahssf durations have been initialised to nominal values */  
DCL  
Tahssf_Duration1 DURATION := 100,  
Tahssf_Duration2 DURATION := 200,  
Tahssf_Duration3 DURATION := 300,  
Tahssf_Duration4 DURATION := 400;
```

```
/* Variable declarations */  
DCL  
Dialogue Boolean := false,  
ApplyChargingReportPending Boolean := false;
```