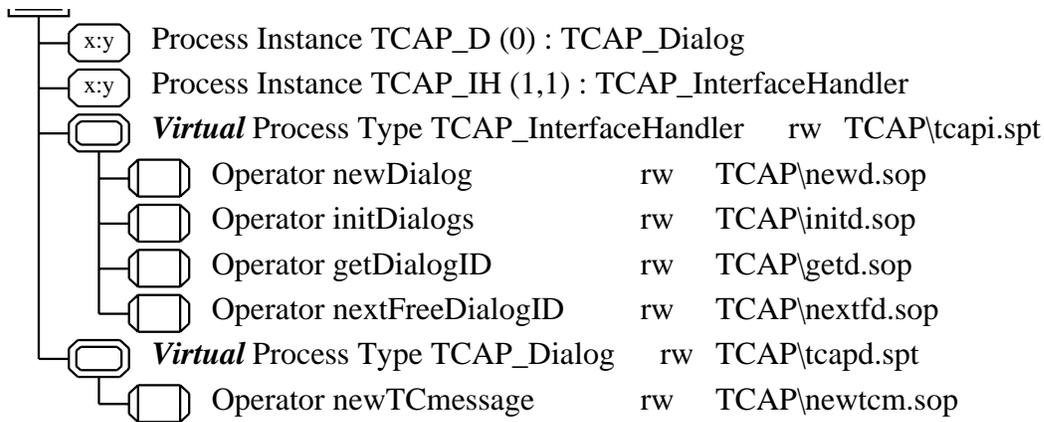


	System file	rw	C:\tau34\Q1228\Inap\inap.sdt
	Source directory	rw	C:\tau34\Q1228\Inap\
	Text readme	--	TCAP\readme.txt
— Chapter ASN.1 Files			
	ASN.1 Text INCS2datatypes	rw	ASN1\incs2-dt.asn
	ASN.1 Text INCS2SSFSCFopsargs	rw	ASN1\ssf-scf.asn
	ASN.1 Text INCS2BundleArg	rw	ASN1\incs2b.asn
	ASN.1 Text INCS2Internals	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

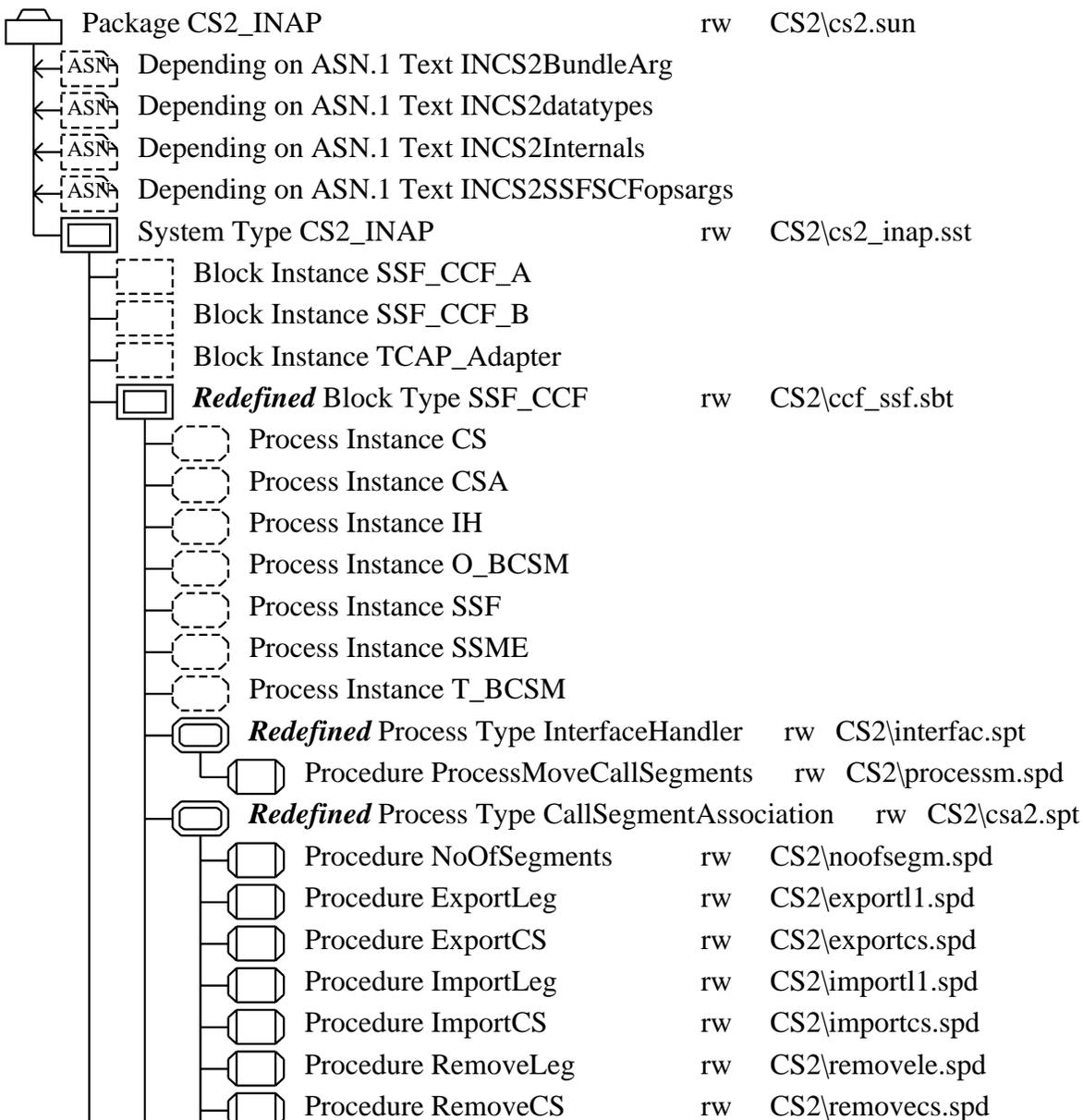
	Procedure SetSigConAssoc	rw	CS1\setsca.spd
	Procedure SetRemoteAssoc	rw	CS1\setrema.spd
	Procedure GetCSAfromRemoteId	rw	CS1\getlcsa.spd
	Procedure IsCSA	rw	CS1\iscsa.spd
	Virtual Process Type CallSegmentAssociation	rw	CS1\csa.spt
	Procedure AddCS	rw	CS1\addcs.spd
	Procedure SetLegLocation	rw	CS1\setlegl.spd
	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\getlegr.spd
	Procedure GetLegPtr	rw	CS1\getlptr.spd
	Procedure IsBCSM	rw	CS1\isbcsm.spd
	Procedure GetPassiveLegId	rw	CS1\getpl.spd
	Procedure MapConnectToBCSM	rw	CS1\mpcobcsm.spd
	Procedure MapSIToBCSM	rw	CS1\mpsibcsm.spd
	Virtual Process Type SSF_FSM	rw	CS1\ssf_fsm.spt
	Virtual Procedure InitialiseDPTable	rw	CS1\initavl.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

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

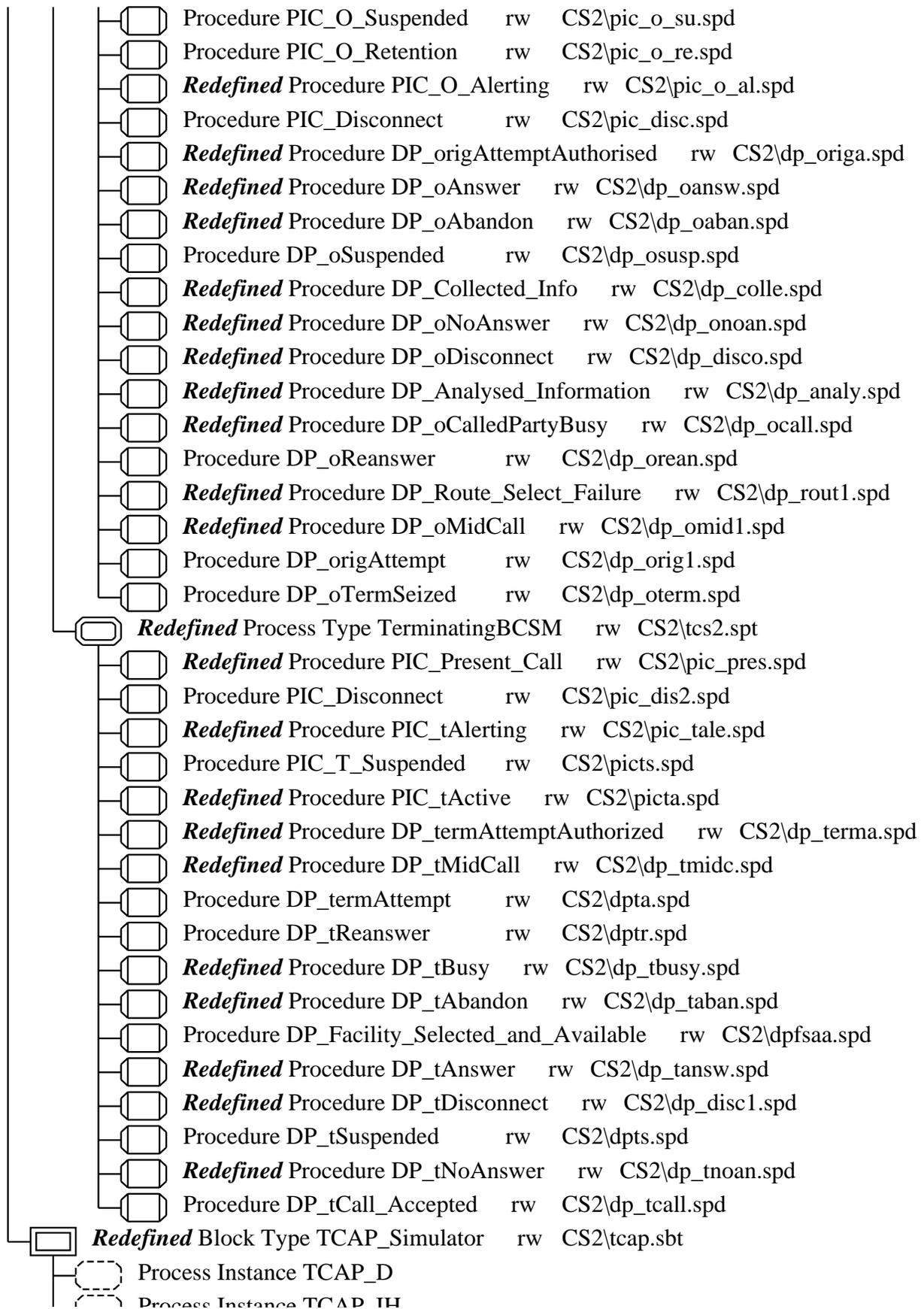
	Procedure PIC_Collect_Indigits	rw	CS1\pic_coll.spd
	Virtual Procedure DP_origAttemptAuthorised	rw	CS1\dp_orig.spd
	Virtual Procedure DP_Route_Select_Failure	rw	CS1\dp_route.spd
	Virtual Procedure DP_oCalledPartyBusy	rw	CS1\dp_ocall.spd
	Virtual Procedure DP_oDisconnect	rw	CS1\dpdiscon.spd
	Virtual Procedure DP_Collected_Info	rw	CS1\dp_colle.spd
	Virtual Procedure DP_oAnswer	rw	CS1\dp_o_ans.spd
	Virtual Procedure DP_oMidCall	rw	CS1\dp_omidc.spd
	Virtual Procedure DP_Analysed_Information	rw	CS1\dp_analy.spd
	Virtual Procedure DP_oNoAnswer	rw	CS1\dp_onoan.spd
	Virtual Procedure DP_oAbandon	rw	CS1\dp_oaban.spd
	Procedure MapToSIRArg	rw	CS1\maptosir.spd
	Procedure MapToDP	rw	CS1\maptodp.spd
	Procedure MapFromPIC	rw	CS1\mapfpic.spd
	Virtual Process Type TerminatingBCSM	rw	CS1\tcs1.spt
	Procedure PIC_T_Null	rw	CS1\pic_t_nu.spd
	Procedure PIC_Select_Facility	rw	CS1\pic_sel1.spd
	Virtual Procedure PIC_tActive	rw	CS1\pic_tact.spd
	Procedure PIC_Authorize_Termination_Attempt	rw	CS1\pic_aut2.spd
	Virtual Procedure PIC_Present_Call	rw	CS1\pic_pres.spd
	Procedure PIC_TException	rw	CS1\pic_texc.spd
	Virtual Procedure PIC_tAlerting	rw	CS1\pic_tale.spd
	Virtual Procedure DP_termAttemptAuthorized	rw	CS1\dp_terma.spd
	Virtual Procedure DP_tNoAnswer	rw	CS1\dp_tnoan.spd
	Virtual Procedure DP_tDisconnect	rw	CS1\dp_disco.spd
	Virtual Procedure DP_tBusy	rw	CS1\dp_tbusy.spd
	Virtual Procedure DP_tMidCall	rw	CS1\dp_tmidc.spd
	Virtual Procedure DP_tAnswer	rw	CS1\dp_tansw.spd
	Virtual Procedure DP_tAbandon	rw	CS1\dp_taban.spd
	Virtual Process Type SSME_FSM	rw	CS1\ssme_fsm.spt
	Procedure ProcessActivateServiceFiltering	rw	CS1\procasf.spd
	Procedure ProcessCallGap	rw	CS1\proccg.spd
	Virtual Procedure InitialiseTDPTable	rw	CS1\inittdps.spd
	Procedure Mgt_SetTriggerTable	rw	CS1\mgt_stt.spd
	Procedure ArmTDPs	rw	CS1\armstati.spd
	Procedure MatchingServiceFilteringCriteria	rw	CS1\matching.spd
	Virtual Procedure CheckACG	rw	CS1\checkacg.spd
	Procedure CallFiltered	rw	CS1\callfilt.spd
	Virtual Block Type TCAP_Simulator	rw	TCAP\tcaps.sbt

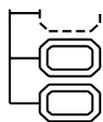


— Chapter IN CS-2 Specification



	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 InitialiseTDPTable	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

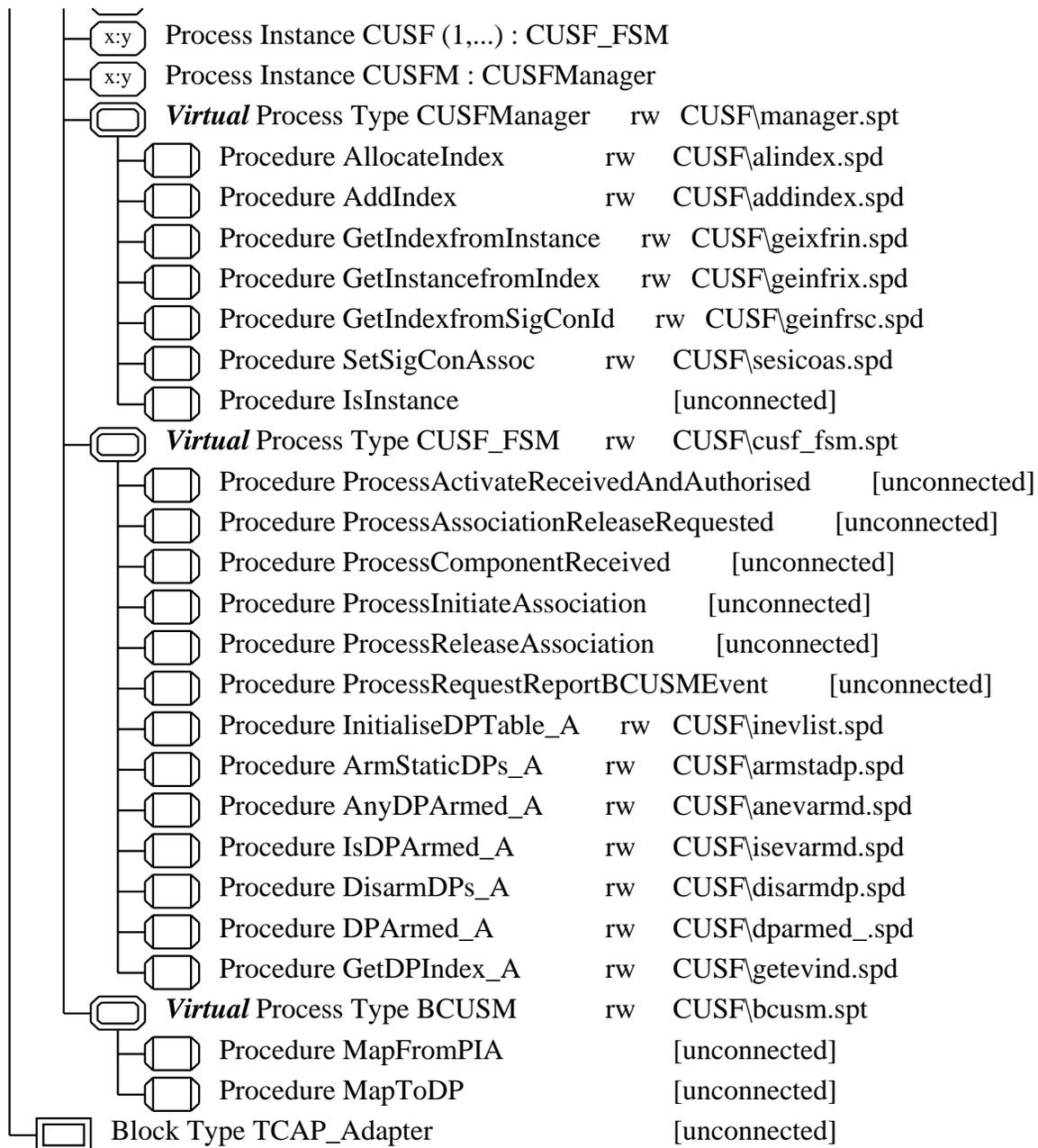


PROCESS INSTANCE TCAP_IH

Redefined Process Type TCAP_InterfaceHandler rw CS2\tcapih.spt
Redefined Process Type TCAP_Dialog rw CS2\tcapdia.spt

Package CS2_SRF rw SRF\geinpty.sun
 System Type CS2_SRF rw SRF\gen_srf.sst
 x:y Block Instance SRFunction : SRF
Virtual Block Type SRF rw SRF\srf.sbt
 x:y Process Instance SRM (1,1) : SRFManager
 x:y Process Instance SRSM (1,...) : SRFStateModel
 Process Type SRFManager rw SRF\srm.spt
 Procedure DetermineIndex rw SRF\detindex.spd
 Procedure GetPtrFromIndex rw SRF\getptrin.spd
 Procedure GetIndexFromPtr rw SRF\getinptr.spd
 Process Type SRFStateModel rw SRF\srsm.spt
 Procedure SSF_EstablishConnection rw SRF\estconss.spd
 Procedure ProcessPlayAnnouncement rw SRF\procpa.spd
 Procedure ProcessEraseMessage [unconnected]
 Procedure ProcessPromptAndCollectUserInformation rw SRF\procpacu.spd
 Procedure ProcessPromptAndReceiveMessage [unconnected]
 Procedure ProcessScriptClose [unconnected]
 Procedure ProcessScriptInformation [unconnected]
 Procedure ProcessScriptRun [unconnected]
 Procedure ProcessCancel [unconnected]

Package CS2_Assisting 21 rw Assisting\cs2a.sun
 System Type AssistHandOffSSF -- TCAP\AssistHandOffSSF.sst
Virtual Block Type AssistHandOffSSF 22w Assisting\ahossf.sbt
 x:y Process Instance AHSSF (0) : AssistHandOffSSF
 x:y Process Instance IH (1,1) : InterfaceHandler
Virtual Process Type InterfaceHandler [unconnected]
Virtual Process Type AssistHandOffSSF 24w Assisting\ahossf.spt
 Procedure ProcessInapInstruction [unconnected]

Package CS2_CUSF rw CUSF\generife.sun
 System Type CS2_CUSF rw CUSF\generife.sst
 x:y Block Instance CUSF_A : CUSF
 x:y Block Instance TCAP : TCAP_Adapter
Virtual Block Type CUSF rw CUSF\fe.sbt
 x:y Process Instance BCUSM_A (1,...) : BCUSM



— 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

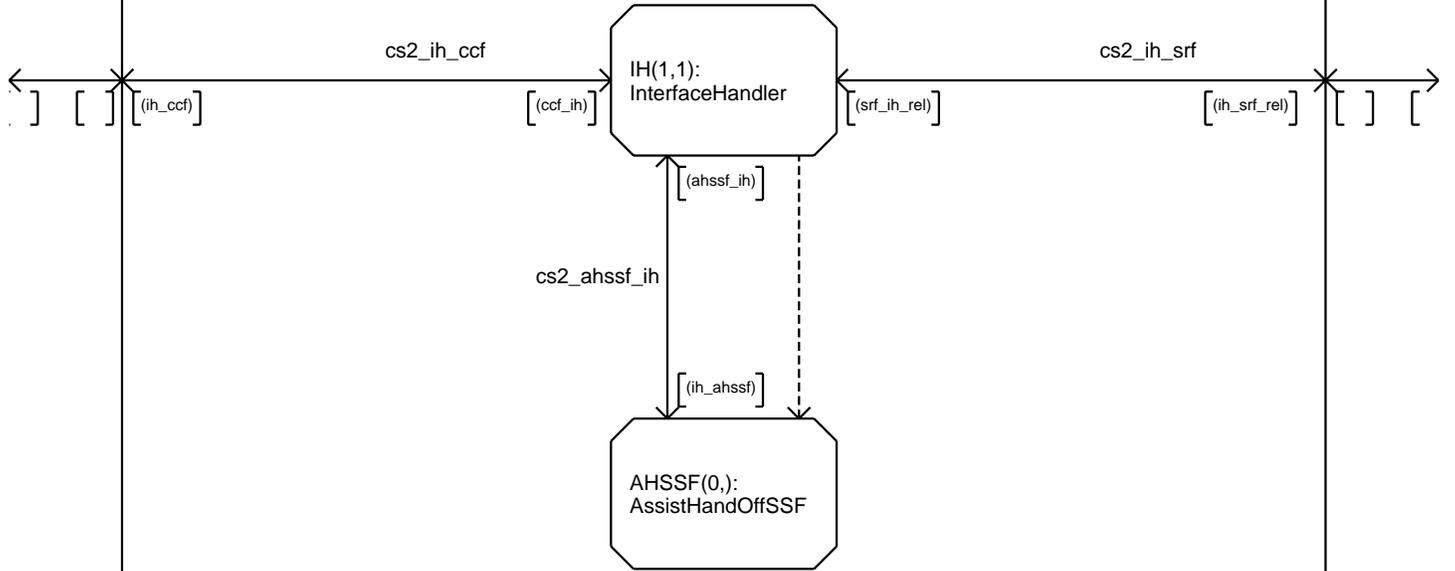
 MSC CO_Overview	rw	EXAMPLES\coov.msc
 MSC CO_Detailed	rw	EXAMPLES\cod.msc
— Chapter CPH Examples		
 MSC 3Pty_Overview	rw	EXAMPLES\3ptyov.msc
 MSC 3Pty_Detailed	rw	EXAMPLES\3ptyd.msc
 MSC CF_Overview	rw	EXAMPLES\cfov.msc
 MSC CF_Detailed	rw	EXAMPLES\cfd.msc
— Chapter CS-1 Test Purposes		



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,

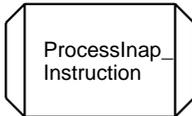
/* To CCF */
  ConnectSRF,
  RouteToDefault,
  SRFReleaseRequest,
  TerminateCall;
```

```
/* 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;
```

